PR-570

UK AGRICULTURAL EXPERIMENT STATION
UNIVERSITY OF KENTUCKY — COLLEGE OF AGRICULTURE

2008 Kentucky Soybean Performance Tests

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The Kentucky Soybean Performance Tests are conducted to provide an unbiased, objective estimate of the relative performance of soybean varieties in Kentucky. This information may be used by growers and seed producers to aid in selecting varieties that will give the highest total production in a specific situation. Soybean cultivars were entered by soybean growers, commercial companies, and state and federal institutions.

Five soybean tests were planted in 2008 in Kentucky. The five test locations are shown below. Soil types, planting dates, and other information are shown in Table 1.

Tables

Seed Source Information on page 4

Kentucky Grain Crops Web Site

http://www.uky.edu/Ag/GrainCrops/varietytesting.htm

Provides links to Kentucky variety test publications and related resources.

Starting in 2009 the data for each test will be available when harvested as a preliminary report available at this web site.

Preliminary reports are subject to updates and corrections as needed.

Soybean Test Web Site Features

- Column header sorting feature for Summary Table 4.
- Nomination form, cover letter, and instructions for next season's test entries.

Location of the 2008 Kentucky Soybean Tests

1. Caldwell County—UK
2. Fayette County—UK
3. Hancock County
4. Calloway County—MSU
5. Warren County—WKU

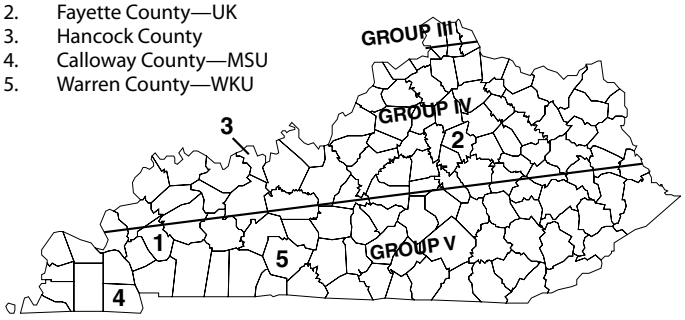

Table 1. Location, Planting, and Climatic Data for the 2008 Soybean Performance Tests.

Test	Site		Soil Type	Date of Planting	Soil Test	Fertilizer Applied[1]	50% Chance of Killing Frost[2]
Caldwell County Full Season	Princeton Exp. Station University of Kentucky		Crider Silt Loam	5/24	P 205 K 414 pH 6.6	None	10/21
Warren County Full Season	Western Kentucky University		Pembroke Silt Loam	5/20	P 115 K 505 pH 7.0	None	10/21
Fayette County Full Season	Lexington Exp. Station University of Kentucky		Maury Silt Loam	5/06	P 376 K 272 pH 6.3	None	10/25
Calloway County Full Season	Murray State University	Dr. Ferguson Agronomist	Grenada-Calloway Silt Loam	5/21	P 78 K 315 pH 6.2	2 tons lime	10/27
Hancock County Full Season	Shelby Emmick Farm	Diane Perkins Extension Agent	Otwell Silt Loam	5/19	P 262 K 270 pH 6.7	None	10/22

[1] *Amount per acre.*
[2] *Based on 30-year average.*

Methods

All tests were planted in a randomized complete block design by maturity group. The tests (Tables 5-9) had two replications (plots) of each variety. The individual plots were 20 feet long and six rows wide with 16 inches between rows (seeding rate: five to six viable seeds per foot of row). All plots were treated with herbicides and maintained as weed-free as possible. All plots were chemically end-trimmed to 16 feet approximately one month after planting. Companies could choose to treat their seed with fungicides, but insecticide treated seed was not accepted.

Harvesting was done with a small plot combine according to maturity; thus, several harvests were made at each location. Sixteen feet of the four center rows were harvested from the plots. No allowances were made for soybeans that may have been lost because of combining or shattering.

Yield—Yield is reported in bushels (60 pounds) per acre adjusted to 13% moisture. An electronic moisture monitor located on the combine was used for moisture readings for each plot.

Lodging—Lodging is rated on a scale of 1 to 5, where 1 = almost all plants erect; 2 = all plants over slightly or a few down; 3 = all plants over moderately or 25% down; 4 = all plants over considerably or 50% to 80% down; 5 = all plants over badly.

Maturity date—A variety is considered mature when 99% of the pods have turned their normal mature color. One to two weeks of good drying weather may be needed beyond the date given before the beans will be ready to combine. Maturity dates were recorded at the Fayette County location.

Plant height—Plant height was measured in inches from the soil surface to the tip of the main stem. Plant height was recorded at the Fayette County location.

Protein, Oil—Variety protein and oil concentration was determined at the Hancock County location (all test locations for novel special-trait entries (NS)) and expressed on the basis of 13% moisture.

Summary Table 4 is the recommended table for variety performance.

Interpretation

An important step in profitable soybean production is selecting good quality seed of the best varieties for your management system. The Kentucky Soybean Performance Tests are conducted to provide information useful in making this selection.

Performance of soybean varieties is affected by many factors, including year, location, soil type, and time of planting. A particular soybean variety is adapted for full-season growth in a band approximately 100 miles wide from north to south (see map, page 1). Thus, the best variety in northern Kentucky may not be the best in southern areas. For this reason, the Kentucky Soybean Performance Tests are conducted at several locations in the major soybean-producing areas of the state. The yields as reported in this publication should be used for relative comparisons; actual yields on a grower's farm may be different.

Performance of soybean varieties will vary from year to year and location to location, depending on adaptability, weather conditions, and management. The data presented in the Table 4 summary have been averaged across years and locations, and it is recommended as the table to use for evaluating variety performance. Performance of a variety across a period of years and at several locations in the state is the best indicator of its production potential. (See Agronomy Notes, Volume 21, No. 3, "Using Performance Test Results in Soybean Variety Selection in Kentucky.")

Small differences in yield are usually of little importance. The yield of two varieties at a single location can differ because of chance factors (difference in soil characteristics, fertility, or availability of moisture), although the inherent yielding ability is the same. To decide if an observed yield difference is real, use the least significant difference (LSD) values cited at the bottom of each maturity group. The significance level used in the tables is 0.10. If the difference in yield between two varieties is greater than the LSD value, you can be reasonably certain that the varieties actually do differ in yielding ability. Shaded yields in the tables represent top yielding varieties that are not significantly different from the top yielding variety (bold data) of the maturity group and year in which the bold data are located.

Yield is only one factor to consider in selecting a variety for your production system. Maturity, lodging resistance, disease resistance, and time and equipment availability are other factors that need to be considered. The economic management and control of weeds are additional factors to consider.

Varieties with oil and protein levels that are eligible for premium prices are available in some markets. Oil and protein levels are influenced by variety and weather, primarily temperature, during seed filling. (See the Corn & Soybean Science Newsletter, Volume 6, Issue 1, "Soybean Oil and Protein.") Our recommendation is that you create a list of varieties that meet your needs for agronomic characteristics: yield, maturity group, SCN resistance, etc. Then, using the protein and oil data from Table 4, remove from consideration those varieties with below average oil percentages. Select from the remaining varieties those that have the highest average protein concentration. This approach should give a variety that has the best chance at producing acceptable yield and meeting the oil and protein standards.

The data provided have been divided into maturity groups. Due to weather patterns at a location, maturity alone can affect yield; this impact will be reflected by large differences in the maturity group averages. Selecting varieties from several maturity groups can reduce the impact of these maturity group fluctuations. (See Agronomy Notes, Volume 25, No. 3, "Growing Soybean Varieties from Multiple Maturity Groups Can Reduce Yearly Yield Volatility.")

The date of a 50% chance of a fall killing frost is important in determining which variety you select to plant. The dates presented in Table 1 are average dates over a long term. Actual dates will vary from year to year. For the date of a one-year-out-of-10 chance of a fall killing frost, subtract 13 to 18 days from the dates in Table 1. For maximum yield, a variety must mature before the first killing frost in the fall. The relative maturity for each variety is found in Table 3.

If you have soybean cyst nematode (SCN) problems, a resistant variety (indicated by a "*"prefix) should be used in your production system with a recommended crop rotation program. (See Kentucky Cooperative Extension Service publication PPA-42: Soybean Cyst Nematode, available at both your county Extension office, and on

the Grain Crops Web site.) The level of SCN infestation as well as the SCN race can be determined through the SCN laboratory at Princeton. Test your fields. Contact your county Extension office for more information on collecting and submitting samples. The importance of resistant varieties has increased as the number of acres affected by SCN has increased. SCN occurs in 32 western Kentucky counties, representing 90% of the state's soybean acreage. Low levels of SCN show few visible symptoms but can cause yield losses of up to 25%.

Soybean mosaic virus (SMV) may cause yield loss if soybean plants are infected prior to flowering. Due to the timing of insect populations that transmit the disease, double-cropped soybeans are more likely to be affected in Kentucky. Planting SMV-resistant varieties will avoid this possible yield loss. However, only a few varieties have been evaluated for SMV resistance. Check Table 3, "Company Disease-Resistance Specifications," for SMV resistance ratings.

Table 4, consisting of a summary of the five full-season tests, is recommended for selecting varieties for maximum yield in double crop systems and for full-season systems. Better yielding full-season varieties are also the better-yielding double crop varieties (Todd Pfeiffer 1987. Applied Agricultural Research, Vol. 2, No. 3, pp.141-145). The full-season environment that maximizes gain is a better indicator of performance than late planted soybeans that have reduced yields. The data from five full-season tests, analyzed across years and locations, predict performance of a variety more accurately than a single test, full-season, or double crop.

Twenty three novel soybean varieties (indicated by a "NS" prefix) are being tested this year. These are just a few of the many that are emerging from both the public and private sectors. Some of these value-added soybean types will supply relatively small market niches; others may be of a much broader market value. Novel soybeans generally yield less, so testing them will enable soybean producers to determine whether premiums for a given trait offset possible yield lag/drag. Examples are triple null soybeans, designed for edible soy products (this variety lacks three enzymes that produce off-flavors); natto soybeans, a small-seeded soybean used for food and export; and tofu, a big-seed/high-protein soybean also used for food and export. Other big-seed/high-protein types are used for animal food and potentially have a large U.S. market. Oil and protein data are provided in Table 4. Low linolenic acid (18:3) varieties which entered commercial production in 2006 are another example of a novel special-trait soybean of current interest. Labeling for trans-fat as required by the Food and Drug Administration of the United States began Jan. 1, 2006. Trans-fats, which are undesirable for human health, result from the hydrogenation of vegetable oils. Low linolenic acid (18:3) varieties do not require this process.

Growing Conditions and Special Circumstances

The 2008 soybean growing season began with all regions of Kentucky considered very moist. May, June and July were near normal for both temperature and precipitation. Kentucky's weather was then dominated by the lack of rainfall during August and September; those two months were the second driest for the last 114 years (http://wwwagwx.ca.uky.edu/annual.shtml). As a result Kentucky soybean yield was estimated at 34 bu/a up 6.5 bu/a from 2007 but below the state average yield of 43.5 bu/a for 2003-2006 (http://www.nass.usda.gov/Statistics_by_State/Kentucky/Publications/Agri-News/oct227.pdf).

Soybean Production Information

The Kentucky Cooperative Extension Service has a series of publications, Soybean Production in Kentucky, which contains a more detailed discussion of soybean production practices:

- AGR-128: Status, Uses, and Planning (Part I)
- AGR-129: Seed Selection, Variety Selection, and Fertilization (Part II)
- AGR-130: Planting Practices and Double Cropping (Part III)
- AGR-131: Weed, Disease, and Insect Control (Part IV)
- AGR-132: Harvesting, Drying, Storage, and Marketing (Part V)

These publications, including PPA-42, Soybean Cyst Nematode, and the Corn & Soybean Science Newsletter are available online at the Grain Crops Web site. (URL on first page.) The planting guide from this series is in Table 2 for your convenience. For additional research on seeding rates, see the Corn & Soybean Science Newsletter, Volume 6, Issue 2, "Soybean Seeding Rates" and Volume 7, Issue 4, "Soybean Seed Rates."

Table 2. Soybean Planting Guide.

	Row Spacing (Inches)				
	7	15	20	30	36
	Seeding Rate (Seeds Per Ft of Row)				
Viable Seeds Per Pound	2-3	5-6	6-8	8-10	9-11
	Pounds of Seed per Acre				
2,000	80-110	85-105	78-104	70-87	65-80
2,200	73-100	77-95	71-95	64-79	59-72
2,400	66-93	71-88	65-87	58-73	54-66
2,600	61-86	65-81	60-80	54-67	50-61
2,800	57-80	61-75	56-75	50-62	46-56
3,000	53-75	57-70	52-70	46-58	43-53
3,200	50-70	53-66	49-65	44-54	41-49
3,400	47-66	50-62	46-61	41-51	38-46
3,600	44-62	47-58	44-58	39-48	36-44
3,800	42-59	45-55	41-55	37-46	34-42
4,000	40-56	43-53	39-52	35-44	33-40

Kentucky State Seed Law

The Kentucky State Seed Law requires all seed exposed, offered for sale, or sold in Kentucky to be labeled as to kind and variety for each agricultural seed component present in excess of 5% of the whole and the percentage by weight of each component. All soybean seed blends should be labeled as to the percentage of each variety that makes up the mixture. The term "variety unknown" may no longer be used in place of a variety designation for soybeans, as all soybean seed must be labeled by variety name.

Acknowledgments

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Sources of Seeds

The seed planted in the 2008 Soybean Performance Tests was acquired from the following sources:

Beck's Superior Hybrids
Dr. Kevin Cavanaugh 317-984-3508
6767 East 276th Street
Atlanta, IN 46031
kevinc@beckshybrids.com
- BECK 364NRR
- BECK 399NRR
- BECK 422NRR
- BECK 445NRR
- BECK 474NRR

Caverndale Farms, Inc.
Barry Welty 859-236-2150
1921 Bluegrass Road
Danville, KY 40422
bwelty@kywimax.com
- CAVERNDALE CF 410 RR/STSn
- CAVERNDALE CF 422 RR/STSn
- CAVERNDALE CF 447 RR/STSn
- CAVERNDALE CF 470 RR/STSn

CPS-Vigoro Seeds
..... 309-342-4100 ext.18
P.O. Box 1467
Galesburg, IL 61402
www.vigoroseeds.com
- VIGORO V37N8RR
- VIGORO V39N9RR
- VIGORO V40N8RS
- VIGORO V42N9RS
- VIGORO V44N9RS
- VIGORO V47N8RR
- VIGORO V47N9RS
- VIGORO V48N7RS
- VIGORO V49N6RR

Crow's Hybrid Corn Company
Wayne Hoener 515-597-5903
1551 Highway 210
Huxley, IA 50124
wayne.hoener@channelbio.com
- CROW'S C3916R
- CROW'S C4119R
- CROW'S C4519R
- CROW'S C4820R

Cullum Seeds LLC
..... 870-579-2286
PO Box 178
Fisher, AR 72429
scottieblanchard@cullumseeds.com
- ARMOR 38-G2
- ARMOR ARX938
- ARMOR 42-M1
- ARMOR 44-K6
- ARMOR 47-F8
- ARMOR ARX4717
- ARMOR 53-Z5
- ARMOR 48-J3
- DELTA KING DK52K6

Dairyland Seed Company, Inc.
Dr. Ron Secrist 800-236-0163
116 East State, PO Box 320
Camp Point, IL 62320
rsecrist@dairylandseed.com
- DAIRYLAND BRAND 4300/RR
- DAIRYLAND BRAND 4500/RRSTS
- DAIRYLAND BRAND 8482/RR
- DAIRYLAND BRAND 8509/RR
- DAIRYLAND BRAND 8512/RR
- DAIRYLAND BRAND DST37-000-UL (low linolenic)
- DAIRYLAND BRAND DST37-001-UL (low linolenic)
- DAIRYLAND BRAND DST47-001/RR

Delta Grow Seed
Lee Hughes 800-530-7933
220 NW 2nd
England, AR 72046
leehughes19@hotmail.com
- DELTAGROW 4870 RR
- DELTAGROW 4150 RR
- DELTAGROW 4460 RR
- DELTAGROW 4470 RR/STS
- DELTAGROW 4770 RR
- DELTAGROW 4780 RR
- DELTAGROW 4840 RR
- DELTAGROW 4970 RR
- DELTAGROW 4975 LARR
- DELTAGROW 5160 RR/STS
- DELTAGROW 5170 RR
- DELTAGROW 5300 RR
- DELTAGROW 5470 RR
- DELTAGROW 5450 RR

Ebberts Field Seed, Inc.
John Suber 937-473-3045
6840 North Street, Route 48
Covington, OH 45318
ebbertsfieldseeds@woh.rr.com
- EBBERTS 1365RR
- EBBERTS 1378RR
- EBBERTS 1386RR
- EBBERTS 3386

Hornbeck Seed Co., Inc.
James D. Thomas 870-946-2087
PO Box 472, 210 Drier Road
DeWitt, AR 72042-0472
jthomas@hbkseed.com
- HORNBECK HBK R3927
- HORNBECK HBK R4527
- HORNBECK HBK R4727
- HORNBECK HBK R4924
- HORNBECK HBK C4926

Kentucky Foundation Seed Project
Letha J. Drury, Manager 859-281-1109
3250 Iron Works Pike
Lexington, KY 40511
ltomes@uky.edu
- JAKE
- TEEJAY
- KS5004N

L&M Glick
Trevor Glick 812-343-8119
15120 E Baseline Road
Columbus, IN 47203
Trevor2glick@yahoo.com
- L&M GLICK 843RR
- L&M GLICK 53

Miles Seed
Scott D Janes, CCA 888-786-4537
P.O. Box 22879
Owensboro, KY 42304 2879
scojan@milesnmore.com
- SOUTHERN CROSS BENJAMIN 4.3 N
- SOUTHERN CROSS CALEB 4.4 N, RR, STS
- SOUTHERN CROSS DAMASCUS 5.0 N, RR, STS
- SOUTHERN CROSS ELI 4.7 N, RR, STS
- SOUTHERN CROSS GALILEE 4.7 N, RR
- SOUTHERN CROSS HIRAM 4.9 N, RR
- SOUTHERN CROSS JERICHO 4.2 N, RR, STS
- SOUTHERN CROSS LOT 4.1 N, RR, STS
- SOUTHERN CROSS LUCAS 3.8 N, RR
- SOUTHERN CROSS RUFUS 4.7 N, RR, STS

Monsanto Company
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800 N. Lindbergh Blvd.
St. Louis, MO 63167
www.monsanto.com
www.asgrow.com
- ASGROW AG3603
- ASGROW AG3705
- ASGROW AG3803
- ASGROW AG3906
- ASGROW AG4005
- ASGROW AG4303
- ASGROW AG4404
- ASGROW AG4605
- ASGROW AG4606
- ASGROW AG4703
- ASGROW AG4705
- ASGROW AG4903
- ASGROW AG4907
- ASGROW DKB42-51
- ASGROW DKB46-51

Pioneer Hi-Bred Int'l., Inc.
Michael R. Hughes 800-331-2475
700 Boulevard South Suite 302
Huntsville, AL 35802
michael.hughes@pioneer.com
- PIONEER VARIETY 93B82
- PIONEER VARIETY 93Y20
- PIONEER VARIETY 94Y01
- PIONEER VARIETY 94Y20
- PIONEER VARIETY 94M50
- PIONEER VARIETY 94Y60
- PIONEER VARIETY 94M80
- PIONEER VARIETY 94Y70
- PIONEER VARIETY 94Y90
- PIONEER VARIETY 95Y20

Porter Hybrids, Inc.
..... 937-382-2324
1683 S. R. 134 North
Wilmington, OH 45177
porterhybrids@yahoo.com
- PORTER HYBRIDS PH 4419N
- PORTER HYBRIDS PH 4385N
- PORTER HYBRIDS PH 4360N

Progeny Ag Products
Corey Dildine 870-208-6032
1529 Highway 193
Wynne, AR 72396
corey@progenyag.com
- PROGENY P3906RR
- PROGENY P4206 RR
- PROGENY P4405 RR
- PROGENY P4408 RR
- PROGENY P4508 RR
- PROGENY P4606 RR
- PROGENY P4706 RR
- PROGENY P4718 RR
- PROGENY P4807 RR
- PROGENY P4906 RR
- PROGENY P4908 RR
- PROGENY P4918 RR
- PROGENY P4949 RR
- PROGENY P5107 RR
- PROGENY P5108 RR
- PROGENY P5115 RR
- PROGENY P5208 RR
- PROGENY P5218 RR
- PROGENY P5308 RR
- PROGENY P5408 RR
- PROGENY P5770

Schillinger Seed Inc.
Corey Nikkel 515-225-1166
4200 Corporate Drive, Suite 106
West Des Moines, IA 50266
- SCHILLINGER SEED 435.TCS
- SCHILLINGER SEED 447.TC
- SCHILLINGER SEED 457.RCP
- SCHILLINGER SEED 477.TCS
- SCHILLINGER SEED 478.RCS
- SCHILLINGER SEED 495.RC
- SCHILLINGER SEED 557.RC

Seed Consultants, Inc.
Bill Mullen..... 800-708-2676
PO Box 370, 648 Miami Trace Road SW
Washington Courthouse, OH 43160
bmullen@seedconsultants.com
- SEED CONSULTANTS 9459RR
- SEED CONSULTANTS EXP 4242RR
- SEED CONSULTANTS SC 388
- SEED CONSULTANTS SC 9386RR
- SEED CONSULTANTS SC 9389RR
- SEED CONSULTANTS SC 9408RR
- SEED CONSULTANTS SC 9419RR
- SEED CONSULTANTS SC 9468RR
- SEED CONSULTANTS SCS 9398RR
- SEED CONSULTANTS SCS 9409RR
- SEED CONSULTANTS SCS 9448RR
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Southern States Cooperative
Howard Tabor 804-281-1203
PO Box 26234
Richmond, VA 23260
howard.tabor@sscoop.com
- SOUTHERN STATES RT 3860
- SOUTHERN STATES RT 3871N
- SOUTHERN STATES RT 3971N
- SOUTHERN STATES RT 4370N
- SOUTHERN STATES RT 4451N
- SOUTHERN STATES RT 4470N
- SOUTHERN STATES RT 4551N
- SOUTHERN STATES RT 4760N
- SOUTHERN STATES RT 4777N
- SOUTHERN STATES RT 4808N
- SOUTHERN STATES RT 4888N
- SOUTHERN STATES RT 4996N
- SOUTHERN STATES RT 5160N
- SOUTHERN STATES RT 5540N

Steyer Seeds
Joe Steyer..... 800-231-4274
6154 North County Road 33
Tiffin, OH 44883
joesteyer@yahoo.com
- STEYER 410
- STEYER 434
- STEYER 4040RR
- STEYER 4430RR
- STEYER 4620RR

Stine Seed Company
Paul D. Eby..... 800-362-2510
22555 Laredo Trail
Adel, IA 50003-4570
pdeby@stineseed.com
www.stineseed.com
- STINE 4782-4
- STINE 5482-4

Syngenta Seeds
Kevin Scholl 309-6953276
RR2 Box 12
Wyoming, IL 61491
Kevin.scholl@syngenta.
- NK BRAND S37-P5
- NK BRAND S38-D5
- NK BRAND S39-A3
- NK BRAND S43-N6
- NK BRAND S44-D5
- NK BRAND S45-E5
- NK BRAND S47-D9
- NK BRAND S49-Q9
- NK BRAND XR4881

Trisler Seeds, Inc.
Rachel Calvert..... 217-288-9301
3274 East 800 North Road
Fairmount, IL 61841
rachel@trisler.com
- TRISOY 4184RR(CN)
- TRISOY 4475RR(CN)
- TRISOY 4586RR(CN)
- TRISOY 4760RR(CN)

Unisouth Genetics, Inc.
Stacy Burwick..... 615-242-3397
2640-C Nolensville Road
Nashville, TN 37211
sburwick@usgseed.com
- UNISOUTH GENETICS USG 5002T
- UNISOUTH GENETICS USG 5601T
- UNISOUTH GENETICS USG 7484nRR
- UNISOUTH GENETICS USG 74A76
- UNISOUTH GENETICS USG 74C36
- UNISOUTH GENETICS USG 74G78
- UNISOUTH GENETICS USG 74T98
- UNISOUTH GENETICS USG 75J32
- UNISOUTH GENETICS USG 75J47
- UNISOUTH GENETICS USG ALLEN

UAP Distribution, Inc
Chris Hummel..... 573-470-1499
Crop Production Services
641 US 41 S
Henderson, KY 42420
Attn. Tim Hampton
Chris.hummel@UAP.com
- DYNA-GRO 32X39
- DYNA-GRO 33A40
- DYNA-GRO 36C44
- DYNA-GRO 35D44
- DYNA-GRO 38C42

Virginia Tech
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509 Latham Hall 0404
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kmrainey@vt.edu
- V98-2711

Novel Soybean Varieties

Iowa State University
Research Foundation
Julie Gustafson 515-294-9442
310 Lab of Mechanics
Ames, IA 50011-2131
- IA3024 (low linolenic)
- IA3025 (low linolenic)
- IA3026 (low saturates)
- IA3027 (large seed, high protein)
- IA3036 (mid oleic)
- IA3041 (low linolenic)

Kansas State University
Bill Schapaugh
Agronomy Department
2004 Throckmorton Plant Sciences Center
Manhattan, KS 66506-5501
- KS4607 (high protein)

Monsanto Company
..... 800-335-2676
800 N. Lindbergh Blvd.
St. Louis, MO 63167
www.monsanto.com
www.asgrow.com
- ASGROW AG2822V (low linolenic)
- ASGROW AG2921V (low linolenic)
- ASGROW AG3121V (low linolenic)
- ASGROW DKB31-22V (low linolenic)
- ASGROW AG3521V (low linolenic)
- ASGROW AG36-22V (low linolenic)

Schillinger Seed Inc.
Corey Nikkel 515-225-1166
4200 Corporate Drive, Suite 106
West Des Moines, IA 50266
- SCHILLINGER SEED 397.TCL (low linolenic acid)
- SCHILLINGER SEED 428 F.PC (high protein)
- SCHILLINGER SEED 438.TL (low linolenic acid)
- SCHILLINGER SEED 446 F.HP (high protein)
- SCHILLINGER SEED 448 F.HPC (high protein)
- SCHILLINGER SEED XP44.TL (low linolenic acid)

Virginia Tech
Katy M. Rainey 540-231-6496
Associate Professor
509 Latham Hall 0404
Blackburg, VA 24061
kmrainey@vt.edu
- V01-1702 (3.5% linlolenic)
- V01-1693 (3.5% linlolenic)

Table 3. Company Disease Resistance Specifications for Entries in the 2008 Kentucky Soybean Performance Tests.[A]

Type	Variety / Brand	Relative Maturity Group	Soybean Cyst Nematode Resistance	Phytophthora sojae[B C]		Sudden Death Syndrome[C]	Soybean Mosaic Virus[C]	Stem Canker[C]	Other Reported Resistance
				Resistance Gene Rps	Field Tolerance				
~P	ANAND	5.7	3, 5, 14					MR	
	ARMOR 38-G2	3.8	3, 14	1c		MR			
	ARMOR 42-M1	4.2	3, 14		MT	MR		R	
	ARMOR 44-K6	4.4	3, 14		MT	MR		R	STS tolerant
	ARMOR 47-F8	4.7	3, 14		MT	MR		R	STS tolerant
	ARMOR 48-J3	4.8	3		MT	MS		R	
	ARMOR 53-Z5	5.3	3	3a		R		R	STS tolerant
	ARMOR ARX4717	4.7	3		MT	MR		R	
	ARMOR ARX938	3.8	3, 14	1c		MS			
NS	ASGROW AG2822V (low linolenic)	2.8	3		MS	MR			
NS	ASGROW AG2921V (low linolenic)	2.9	3	1c	MR	MS			
NS	ASGROW AG3121V (low linolenic)	3.1	3	1k	MR	MS			
NS	ASGROW AG3521V (low linolenic)	3.5	3	1c	S	MS			
	ASGROW AG3603	3.6	3	1c	MT	MR		S	
NS	ASGROW AG36-22V (low linolenic)	3.6	3		MS				
	ASGROW AG3705	3.7	3	1c	MT	MR		MR	
	ASGROW AG3803	3.8	3	1c	T	MR		R	
	ASGROW AG3906	3.9	3		MT	MR		R	
	ASGROW AG4005	4.0	3	1c	MT	MR		MR	
	ASGROW AG4303	4.3	3	1c	MT	MR			
	ASGROW AG4404	4.4	3	1a	MT	MR		MR	STS tolerant
	ASGROW AG4605	4.6	3		MT	MR		R	STS tolerant
	ASGROW AG4606	4.6	3	1c	MT	MR			STS tolerant
	ASGROW AG4703	4.7	3		MT	MR		MR	
	ASGROW AG4705	4.7	3	1a	MT	MR			
	ASGROW AG4903	4.9			MT	R		MR	STS tolerant
	ASGROW AG4907	4.9	3	1c	MT				
NS	ASGROW DKB31-22V (low linolenic)	3.1	3		MS				
	ASGROW DKB42-51	4.2	3	1c	MT	MR		R	
	ASGROW DKB46-51	4.6	3, 14		MT	MS		MR	
	BECK 364NRR	3.6	3, 14	1c	MT	MR	MR	MR	
	BECK 399NRR	3.9	3, 14	1c	MT	MR	MR	MR	
	BECK 422NRR	4.2	3, 14		MT	R	MR	R	
	BECK 445NRR	4.4	3, 14		MT	MR	MR	R	
	BECK 474NRR	4.7	3, 14		MT	MR	MR	MR	
	CAVERNDALE CF 410 RR/STSn	4.1	3, 4, 14		T	MR		R	R-FROGEYE LEAF SPOT
	CAVERNDALE CF 422 RR/STSn	4.2	3, 14		MT	MR		R	
	CAVERNDALE CF 447 RR/STSn	4.4	3, 14		MT	MR		R	R-FROGEYE LEAF SPOT
	CAVERNDALE CF 470 RR/STSn	4.7	3, 14		T	MR		R	R-FROGEYE LEAF SPOT
	CROW'S C3916R	3.9	3, 14	1c	T	MR	MR	MR	R-FROGEYE LEAF SPOT
	CROW'S C4119R	4.1	3, 14		T	MR	MR	R	
	CROW'S C4519R	4.5	3, 14		T	MR	MR	R	
	CROW'S C4820R	4.8	3, 14	1c	MT	MR	MR	R	
	DAIRYLAND BRAND 4300/RR	4.3	3		MT				
	DAIRYLAND BRAND 4500/RRSTS	4.5	3		MT				
	DAIRYLAND BRAND 8482/RR	4.7		1k	MT				
	DAIRYLAND BRAND 8509/RR	5.0	3	1k	MT				
	DAIRYLAND BRAND 8512/RR	5.1	3, 14	1k	MT				
~	DAIRYLAND BRAND DST37-000-UL (low linolenic)	3.7							
~	DAIRYLAND BRAND DST37-001-UL (low linolenic)	3.7							
EXP	DAIRYLAND BRAND DST47-001/RR	4.7	3		MT				
	DELTA KING DK52K6	5.2	3, 14		MT	MR		MR	
	DELTAGROW 4150 RR	4.1	3	1a	MT	MR		MR	
	DELTAGROW 4460 RR	4.4	3, 14		MS	MR		MR	MR-FROGEYE LEAF SPOT
	DELTAGROW 4470 RR/STS	4.4	3, 14		MT	MR		MR	R-FROGEYE LEAF SPOT
	DELTAGROW 4770 RR	4.7	3		MT	MR	MR	R	
	DELTAGROW 4780 RR	4.7	3, 14	1c	MT				
	DELTAGROW 4840 RR	4.8	2, 3, 5, 14		MT	MR		MR	MR-FROGEYE LEAF SPOT, SALT INCLUDER
	DELTAGROW 4870 RR	4.8							
	DELTAGROW 4970 RR	4.9			MT	MR		R	MR-FROGEYE LEAF SPOT, SALT INCLUDER
	DELTAGROW 4975 LARR	4.9			T	MR		S	
	DELTAGROW 5160 RR/STS	5.1	3, 14		MT	MR		MR	SALT INCLUDER

continued on next page

Table 3. Company Disease Resistance Specifications for Entries in the 2008 Kentucky Soybean Performance Tests.[A]

Type	Variety / Brand	Relative Maturity Group	Soybean Cyst Nematode Resistance	Phytophthora sojae[B C]		Sudden Death Syndrome[C]	Soybean Mosaic Virus[C]	Stem Canker[C]	Other Reported Resistance
				Resistance Gene Rps	Field Tolerance				
	DELTAGROW 5170 RR	5.1	3		MT	MR		MR	
	DELTAGROW 5300 RR	5.3	3, 5, 9, 14	1c	MT	MR	S	MR	MR-FROGEYE LEAF SPOT
	DELTAGROW 5450 RR	5.4	2, 3		MT	MR	MR	R	R-ROOT KNOT NEMATODE (RKI)
	DELTAGROW 5470 RR	5.4	3, 14		MT		MR	MR	
	DYNA-GRO 32X39	3.9	3, 14	1c		R			
	DYNA-GRO 33A40	4.0	3, 14		MT	MS			
	DYNA-GRO 35D44	4.4	3		S	R			
	DYNA-GRO 38C42	4.2	3, 14		S	MR			
EXP	DYNA-GRO 36C44	4.5	3		T	R			
	EBBERTS 1365RR	3.6	3, 14	1c	MT	MR			
	EBBERTS 1378RR	3.7	3, 14	1c	MT	MR			
	EBBERTS 1386RR	3.8	3, 14	1c	MT	MR			
~	EBBERTS 3386	3.8	3, 14	1c	MT	MR			
~P	ESSEX (long term check-released 1974)	5.0							
~	HORNBECK HBK C4926	5.0			MT	MR	R	R	
	HORNBECK HBK R3927	3.7			MT			R	
	HORNBECK HBK R4527	4.5		1c	T	MR		R	
	HORNBECK HBK R4727	4.7	3	1c	MT	MR		MR	
	HORNBECK HBK R4924	4.9	3, 14		MT	MR	R	R	
~NS	IA3024 (low linolenic)	early 3							
~NS	IA3025 (low linolenic)	early 3							
~NS	IA3026 (low saturates)	early 3							
~NS	IA3027 (large seed, high protein)	early 3							
~NS	IA3036 (mid oleic)	early 3							
~NS	IA3041 (low linolenic)	early 3							
~P	JAKE	5.4			MT	MT			SCN SOURCE IS HARTWIG
~NS	KS4607 (high protein)	late 4							
~	KS5004N	early 5	3						
~	L&M Glick 53	4.0	3, 14		T	MR			
	L&M Glick 843RR	4.3	3		T	MR			
	NK BRAND S37-P5	3.7	3, 14		MT	MR			
	NK BRAND S38-D5	3.8	3, 14	1c	MS	MS			
	NK BRAND S39-A3	3.9	3, 14		MS	R			
	NK BRAND S43-N6	4.3	3, 14	1c	MT	MR		R	
	NK BRAND S44-D5	4.4	3, 14	1c	MT	MR		R	
	NK BRAND S45-E5	4.5	3, 14	1k	MT	MT		MT	
	NK BRAND S47-D9	4.7	3, 14	1c	MT	MR			
	NK BRAND S49-Q9	4.9	1, 3, 14	1c	MT	MS		R	
EXP	NK BRAND XR4881	4.8	3	1a	MT	R			
~P	PENNYRILE (long term check-released 1987)	4.7							
~	PIONEER VARIETY 93B82	3.8		1k	MT	MS			R-BROWN STEM ROT, MR-FROGEYE LEAF SPOT
	PIONEER VARIETY 93Y20	3.2	3	1k	MT	MR			
	PIONEER VARIETY 94M50	4.5	3, 14	1c	MT	MS		MR	
	PIONEER VARIETY 94M80	4.8	3, 14		MT	MR		MR	
	PIONEER VARIETY 94Y01	4.0	3	1k	MT	MR			
	PIONEER VARIETY 94Y20	4.2	3	1k	MS	MR			
	PIONEER VARIETY 94Y60	4.6	3	1k	MT	MR		MR	
	PIONEER VARIETY 94Y70	4.7	3		MT	MR		MR	
	PIONEER VARIETY 94Y90	4.9	3		MT	MR		R	
	PIONEER VARIETY 95Y20	5.2	3		MT	MR		R	
~	PORTER HYBRIDS PH 4360N	3.6	3	1c	T	MR			MR-FROGEYE LEAF SPOT
~	PORTER HYBRIDS PH 4385N	3.8	3, 14		T	MR			
~	PORTER HYBRIDS PH 4419N	4.1	3	1c	T	MR			MR-FROGEYE LEAF SPOT
	PROGENY P3906RR	3.9						MR	
	PROGENY P4206 RR	4.2	3					R	
	PROGENY P4405 RR	4.4		1a				R	
	PROGENY P4408 RR	4.4	3			MR		R	
	PROGENY P4508 RR	4.5				MR			
	PROGENY P4606 RR	4.6	3			MR			
	PROGENY P4706 RR	4.7	3						
	PROGENY P4718 RR	4.7	3			MR		R	
	PROGENY P4807 RR	4.8	3			MR		MR	
	PROGENY P4906 RR	4.9		1a		MR		S	
	PROGENY P4908 RR	4.9				MR		MR	

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Table 3. Company Disease Resistance Specifications for Entries in the 2008 Kentucky Soybean Performance Tests.[A]

Type	Variety / Brand	Relative Maturity Group	Soybean Cyst Nematode Resistance	Phytophthora sojae[B C]		Sudden Death Syndrome[C]	Soybean Mosaic Virus[C]	Stem Canker[C]	Other Reported Resistance
				Resistance Gene Rps	Field Tolerance				
	PROGENY P4918 RR	4.9	3	1a		MR		S	
	PROGENY P4949 RR	4.9						MR	
	PROGENY P5107 RR	5.1	3						
	PROGENY P5108 RR	5.1	3						
	PROGENY P5115 RR	5.1	3			MR		R	
	PROGENY P5208 RR	5.2	3	1a		MR		MR	
	PROGENY P5218 RR	5.2	3			MR		R	
	PROGENY P5308 RR	5.3	3	1c		MR		MR	
	PROGENY P5408 RR	5.4	3	1k		MR		MR	
~NS	SCHILLINGER SEED 397.TCL (low linolenic acid)	3.9	3		MT	R	MR	R	
~NS	SCHILLINGER SEED 428 F.PC (high protein)	4.2	3		MT	MR	MR	R	
~	SCHILLINGER SEED 435.TCS	4.3	3		MT	R	MR	R	STS
~	SCHILLINGER SEED 438.TL (low linolenic acid)	4.3			MT	MR	MR	R	
~NS	SCHILLINGER SEED 446 F.HP (high protein)	4.3			MT	MR	MR	R	STS
~	SCHILLINGER SEED 447.TC	4.4	3		MT	MR	MR	R	
~NS	SCHILLINGER SEED 448 F.HPC (high protein)	4.4	3		MT	MR	MR	R	
	SCHILLINGER SEED 457.RCP	4.5	3	1k	MT	MR	MR	R	
~	SCHILLINGER SEED 477.TCS	4.7	3		MT	R	MR	R	STS
	SCHILLINGER SEED 478.RCS	4.7	3		MT	MR	MR	R	STS
	SCHILLINGER SEED 495.RC	4.9	3		MT	MS	MR	R	
	SCHILLINGER SEED 557.RC	5.5	3		MT	MR	MR	R	
~EXP	SCHILLINGER SEED XP44.TL (low linolenic acid)	4.3			MT	MR	MR	R	
	SEED CONSULTANTS SC 9419RR	4.1	3, 14		MT	MR			STS, MR-FROGEYE LEAF SPOT
EXP	SEED CONSULTANTS EXP 4242RR	4.2	3		MT	MR	R		MR-FROGEYE LEAF SPOT
	SEED CONSULTANTS SC 9459RR	4.5	3		MT	MR		R	STS
~	SEED CONSULTANTS SC 388	3.8		3, 6	MT	MR			MR-BROWN STEM ROT
	SEED CONSULTANTS SC 9386RR	3.8	3, 14	1c	MT	MR			MR-FROGEYE LEAF SPOT
	SEED CONSULTANTS SC 9389RR	3.8	3, 14	1c	MT	MR			
	SEED CONSULTANTS SC 9408RR	4.0	3	1c	MT	MR			MR-FROGEYE LEAF SPOT
	SEED CONSULTANTS SC 9468RR	4.6	3, 14		MT	MR		MR	STS, MR-FROGEYE LEAF SPOT
	SEED CONSULTANTS SCS 9398RR	3.9	3	1k	MT	MR			MR-FROGEYE LEAF SPOT
	SEED CONSULTANTS SCS 9409RR	4.1	3		MT	MR			MR-FROGEYE LEAF SPOT
	SEED CONSULTANTS SCS 9448RR	4.3	3	1k	MT	MR		MR	MR-FROGEYE LEAF SPOT
	SEED CONSULTANTS SCS 9479RR	4.7	3		MT	MR		MR	MR-FROGEYE LEAF SPOT
~	SOUTHERN CROSS BENJAMIN 4.3 N	4.3	3, 14	1c	T	R			
	SOUTHERN CROSS CALEB 4.4 N, RR, STS	4.4	3, 14	NG2.5TOL	MT	MR			
	SOUTHERN CROSS DAMASCUS 5.0 N, RR, STS	5.0	3, 14	NG1.9	MT	MR		MR	
	SOUTHERN CROSS ELI 4.7 N, RR, STS	4.7	3, 14		MS	MR			
	SOUTHERN CROSS GALILEE 4.7 N, RR	4.7	3	1c	MT	MR		R	
	SOUTHERN CROSS HIRAM 4.9 N, RR	4.9	3		MT	MR			
	SOUTHERN CROSS JERICHO 4.2 N, RR, STS	4.2	3, 14	NG2.2TOL	MT	MR		R	
	SOUTHERN CROSS LOT 4.1 N, RR, STS	4.1			MT	MR		MR	
	SOUTHERN CROSS LUCAS 3.8 N, RR	3.8	3, 14	1c	MT	MR			
	SOUTHERN CROSS RUFUS 4.7 N, RR, STS	4.7	3, 15	1c	MT	MR		R	
	SOUTHERN STATES RT 3860	3.8			MT	MR			
	SOUTHERN STATES RT 3871N	3.8	3, 14	1c	MT	MR			
	SOUTHERN STATES RT 3971N	3.9	3, 14	1c	T	MR			
	SOUTHERN STATES RT 4370N	4.3	3, 14	1c	MT	MR			
	SOUTHERN STATES RT 4451N	4.4	3, 14	1a	T	MR			
	SOUTHERN STATES RT 4470N	4.4	3, 14		MT	MR			
	SOUTHERN STATES RT 4551N	4.5	3, 14	1a	MT	MR			
	SOUTHERN STATES RT 4760N	4.7	3, 14		MT	MR			
	SOUTHERN STATES RT 4777N	4.7	3, 14	1c	MT	MR			
	SOUTHERN STATES RT 4808N	4.8	3, 14	1a	T	R			
	SOUTHERN STATES RT 4888N	4.8	3, 14	1a	T	R			
	SOUTHERN STATES RT 4996N	4.9	3, 14		MT	MR			
	SOUTHERN STATES RT 5160N	5.1	3	1c	MT	MR		R	
	SOUTHERN STATES RT 5540N	5.5	3, 14		MS	MR	R	MR	
	STEYER 4040RR	4.0	3, 14	1c	MT	MR	MR	MR	
~	STEYER 410	4.1	3, 14		MT	MR	MR	MR	
~	STEYER 434	4.3	3, 14		MT	MR	MR	MR	
	STEYER 4430RR	4.4	3, 14		MT	MR	MR	MR	

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Table 3. Company Disease Resistance Specifications for Entries in the 2008 Kentucky Soybean Performance Tests.[A]

Type	Variety / Brand	Relative Maturity Group	Soybean Cyst Nematode Resistance	Phytophthora sojae[B C]		Sudden Death Syndrome[C]	Soybean Mosaic Virus[C]	Stem Canker[C]	Other Reported Resistance
				Resistance Gene Rps	Field Tolerance				
	STEYER 4620RR	4.6	3, 14	1c	MT	MR	MR	MR	
	STINE 4782-4	4.7	3, 14		S			R	
	STINE 5482-4	5.4	3, 14						
~P	TEEJAY	5.3					R	R	
	TRISOY 4184RR(CN)	4.1	3, 14		MT	MR		R	RR/STS, R-FROGEYE LEAF SPOT
	TRISOY 4475RR(CN)	4.4	3, 14		MT	MR		R	
	TRISOY 4586RR(CN)	4.5	3, 14		MT	MR		R	RR/STS, R-FROGEYE LEAF SPOT
	TRISOY 4760RR(CN)	4.7	3, 14		MT	MR		MR	RR/STS, R-FROGEYE LEAF SPOT
~	UNISOUTH GENETICS USG 5002T	5.0				MR		R	R-FROGEYE LEAF SPOT
~	UNISOUTH GENETICS USG 5601T	5.6				MR	R		MR-FROGEYE LEAF SPOT
	UNISOUTH GENETICS USG 7484nRR	4.8			T	MR			
	UNISOUTH GENETICS USG 74A76	4.7	3, 14						MR-FROGEYE LEAF SPOT
	UNISOUTH GENETICS USG 74C36	4.3	3, 14			MR	R	R	
	UNISOUTH GENETICS USG 74G78	4.7	3, 14					R	MR-FROGEYE LEAF SPOT
	UNISOUTH GENETICS USG 74T98	4.9	3, 14			R			
	UNISOUTH GENETICS USG 75J32	5.3	3, 14			MR		R	MR-FROGEYE LEAF SPOT, R-ROOT KNOT NEMATODE
	UNISOUTH GENETICS USG 75J47	5.4	3, 14			MR		R	R-FROGEYE LEAF SPOT
	UNISOUTH GENETICS USG ALLEN	5.6				MR	R		MR-FROGEYE LEAF SPOT
	V01-1693 (3.5% linlolenic)	5.0							
	V01-1702 (3.5% linlolenic)	5.0							
~	V98-2711	5.3			S	R	S	R	
	VIGORO V37N8RR	3.7	3, 14	1c	MT	MR			MR-FROGEYE LEAF SPOT
	VIGORO V39N9RR	3.9	3	1c	MT	MR		MR	MR-FROGEYE LEAF SPOT
	VIGORO V40N8RS	4.0	3, 14		MT	MR		MR	STS, MS-FROGEYE LEAF SPOT
	VIGORO V42N9RS	4.2	3, 14		MT	MS		R	STS, MR-FROGEYE LEAF SPOT
	VIGORO V44N9RS	4.4	3, 14		MT	MS		R	STS, R-FROGEYE LEAF SPOT
	VIGORO V47N8RR	4.7	3	1c	MT	MR		R	R-FROGEYE LEAF SPOT
	VIGORO V47N9RS	4.7	3, 14	1c	MT	MR		R	MS-FROGEYE LEAF SPOT
	VIGORO V48N7RS	4.8	3, 14		MT	MR		R	STS, MR-FROGEYE LEAF SPOT
	VIGORO V49N6RR	4.9	3	1k	MT	MS		R	MR-FROGEYE LEAF SPOT

~ Variety is not Roundup Ready. All varieties without a tilda (~) prefix are Roundup Ready.

P Entries with a P prefix are public varieties.

NS Entries with a NS prefix are novel soybean varieties that are emerging from both the public and private sectors. Some of these value-added soybean types will supply relatively small market niches, while others may be of much broader market value. Testing novel soybeans will enable producers to assess whether premiums for a given trait offset possible yield lag/drag.

A This information is provided by the companies and has not been checked by the soybean variety test project.

B All races of Phytophthora sojae so far identified in Kentucky can be controlled with varieties with Rps 1c or 1k. Race-specific resistance is highly effective, but a proper match between pathogen race and variety is essential. Field tolerance is a lower level of protection to the fungus that will provide good, (not excellent) control against all races. Seed and young seedlings of tolerant varieties must be protected with an appropriate fungicide since field tolerance develops after the early seedling growth stage.

C Blank spaces = no data provided by seed company or data unknown.

S=susceptible, MS=moderately susceptible, MR=moderately resistant, R=resistant, T=tolerant, MT=moderately tolerant

Table 4. 2008 Summary: Variety Test Tables 5-9.

TYPE		BRAND — VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP II-III (RELATIVE MG 2.7-3.9)										
	*	SEED CONSULTANTS SCS 9398RR	**47.7**			1.6	36.8			18.8		
	*	ARMOR ARX938	47.6			1.5	35.6			18.0		
	*	NK BRAND S39-A3	47.2	**44.3**		1.5	34.6	35.2		18.5	18.1	
	*	PIONEER 93Y20	46.7			1.9	36.6			19.1		
	*	SOUTHERN STATES RT 3871N	46.6	42.2		1.3	35.9	36.7		19.3	18.6	
	*	NK BRAND S37-P5	46.2	42.9		1.7	35.6	35.9		18.2	18.3	
	*	ASGROW AG3803	46.1	43.9		1.3	36.9	36.9		18.3	18.2	
~	*	EBBERTS 3386	46.0	42.1		1.7	36.7	37.3		18.5	18.0	
	*	NK BRAND S38-D5	45.6	42.2		1.4	35.8	36.3		17.7	17.1	
	*	SOUTHERN CROSS LUCAS 3.8 N, RR	45.6	42.4		1.4	36.7	37.4		17.5	17.1	
	*	PROGENY P3906 RR	45.6			1.5	37.4			18.4		
	*	SOUTHERN STATES RT 3971N	44.9	42.7		1.2	36.4	37.1		17.5	17.3	
		HORNBECK HBK R3927	44.8	41.5		2.4	38.3	39.0		19.1	18.6	
	*	VIGORO V37N8RR	44.8			1.1	36.2			17.9		
NS		ASGROW AG36-22V (low linolenic)	44.5			1.1	35.7			19.0		
	*	BECK 399NRR	44.4	42.1		1.2	36.9	37.3		18.0	17.1	
	*	SEED CONSULTANTS SC 9389RR	43.9			1.3	36.2			17.9		
	*	DYNA-GRO 32X39	43.6			1.3	36.7			17.6		
~	*	PORTER HYBRIDS PH 4385N	43.6			1.7	35.4			18.0		
	*	EBBERTS 1365RR	43.3	43.2	46.8	1.7	**39.2**	**39.6**	**39.8**	16.9	16.7	16.8
~		PIONEER 93B82	43.1	39.8		1.8	37.6	37.6		18.5	18.5	
	*	EBBERTS 1378RR	43.1	41.9		1.4	36.7	37.8		17.7	17.2	
NS	*	ASGROW AG3121V (low linolenic)	42.8	41.3		1.7	37.0	37.0		18.5	18.2	
	*	ASGROW AG3603	42.7	41.1		1.1	37.1	37.6		17.8	17.4	
	*	ASGROW AG3705	42.5	41.7	**48.2**	1.1	34.9	35.4	35.6	18.3	17.8	18.2
	*	BECK 364NRR	42.4			1.4	36.7			17.6		
~NS		IA3026 (low saturates)	42.2			1.9	34.7			19.3		
NS	*	ASGROW AG35-21V (low linolenic)	41.9	40.2		1.2	35.9	36.0		19.1	18.7	
	*	ASGROW AG3906	41.8	40.8	47.0	1.1	36.2	36.3	36.5	18.8	18.6	**18.9**
	*	ARMOR 38-G2	41.7			1.5	37.1			17.5		
		SOUTHERN STATES RT 3860	41.7	40.4	46.4	1.1	35.0	35.8	35.9	18.9	18.4	18.7
	*	CROW'S C3916R	41.7	41.6		1.2	37.3	37.8		17.8	17.5	
~	*	PORTER HYBRIDS PH 4360N	41.6			1.5	36.6			18.0		
~NS	*	SCHILLINGER SEED 397.TCL (low linolenic)	41.6	39.3		1.1	37.6	37.5		19.5	19.2	
	*	EBBERTS 1386RR	41.2	38.2	45.3	1.6	36.2	36.6	36.7	18.5	18.2	18.5
NS	*	ASGROW AG2921V (low linolenic)	41.2	38.7		1.0	35.5	36.1		**19.8**	19.4	
	*	VIGORO V39N9RR	41.0			1.3	35.3			18.9		
	*	SEED CONSULTANTS SC 9386RR	39.8	38.4	44.8	2.1	36.4	37.0	37.6	18.2	18.0	18.3
NS		ASGROW DKB31-22V (low linolenic)	39.7			1.1	36.5			18.7		
NS		DAIRYLAND DST37-000-UL (low linolenic)	39.7			1.7	36.8			18.5		
~NS		IA3024 (low linolenic)	39.5	38.7		1.6	35.7	35.2		19.5	19.4	
NS		DAIRYLAND DST37-001-UL (low linolenic)	39.0			1.8	37.4			18.2		
~		SEED CONSULTANT SC 388	38.5			1.6	38.0			18.1		
~NS		IA3027 (large seed, high protein)	38.3	32.6	33.7	1.2	39.0	39.4	39.3	18.3	18.4	18.6
NS	*	ASGROW AG2822V (low linolenic)	37.9	38.9		1.3	36.9	37.2		19.7	**19.7**	
~NS		IA3036 (mid oleic)	36.4			1.8	38.1			18.2		
~NS		IA3041 (low linolenic)	35.9			1.5	36.5			18.4		
~NS		IA3025 (low linolenic)	32.8	28.7		1.5	36.7	36.9		19.2	18.9	
		GROUP III AVERAGE	42.5	40.4	44.6	1.4	36.6	37.0	37.3	18.4	18.1	18.3
		LSD (0.10)	2.2	3.3	2.8	0.2						

continued on next page

Table 4. 2008 Summary: Variety Test Tables 5-9.

TYPE		BRAND — VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP EARLY IV (RELATIVE MG 4.0-4.5)										
~	*	SOUTHERN CROSS BENJAMIN 4.3 N	**48.0**			1.2	34.6			19.1		
	*	ASGROW AG4303	47.5			1.2	35.6			18.7		
	*	PIONEER 94Y01	47.2			1.6	34.5			19.4		
	*	ARMOR 42-M1	46.7			1.1	37.2			17.6		
	*	CAVERNDALE CF 422 RR/STSn	46.6	43.7	**49.4**	1.1	36.8	37.4	36.9	18.9	18.4	**18.7**
~	*	PORTER HYBRIDS PH 4419N	46.4			1.3	35.5			17.9		
	*	CAVERNDALE CF 447 RR/STSn	46.4	**44.6**		1.1	35.6	36.2		18.9	18.5	
	*	CAVERNDALE CF 410 RR/STSn	46.4	43.7		1.1	36.8	37.5		17.8	16.9	
	*	NK BRAND S44-D5	46.3	44.2		1.4	35.7	36.4		18.3	17.7	
	*	TRISOY 4184RR(CN)	46.3			1.2	35.8			18.8		
	*	VIGORO V44N9RS	46.2			1.2	36.2			18.4		
	*	PROGENY P4206 RR	45.6	44.0		1.3	36.3	36.5		18.7	18.6	
	*	CROW'S C4119R	45.5			1.2	36.9			18.3		
	*	PIONEER 94Y20	45.4			1.5	37.3			18.8		
	*	ARMOR 44-K6	45.4			1.1	36.5			18.1		
	*	NK BRAND S43-N6	45.4			1.2	35.5			17.3		
	*	DELTA GROW 4460 RR	45.4	41.0	46.6	1.7	35.2	36.5	36.4	18.9	17.9	18.1
	*	VIGORO V42N9RS	45.3			1.2	35.3			18.4		
	*	SOUTHERN STATES RT 4470N	45.2	44.0		1.1	36.2	36.3		18.3	18.3	
	*	SOUTHERN CROSS LOT 4.1 N, RR, STS	45.2			1.2	36.7			18.4		
	*	DYNA-GRO 35D44	45.1	42.4		1.3	36.5	37.5		19.1	18.1	
	*	DELTA GROW 4150 RR	45.1	41.6	48.2	1.3	36.2	37.3	37.3	18.3	17.5	17.7
	*	TRISOY 4586RR(CN)	45.1			1.2	35.5			18.8		
	*	DELTA GROW 4470 RR/STS	45.0	42.0		1.4	34.9	35.7		19.2	18.7	
	*	SEED CONSULTANTS SC 9419RR	44.9			1.1	36.0			18.5		
	*	SEED CONSULTANTS SCS 9448RR	44.8			1.5	35.9			18.4		
EXP	*	SEED CONSULTANTS EXP 4242RR	44.6			1.1	36.4			18.3		
	*	TRISOY 4475RR(CN)	44.4			1.3	36.3			18.2		
	*	BECK 445NRR	44.3			1.1	35.5			18.7		
	*	SOUTHERN CROSS CALEB 4.4 N, RR, STS	44.2	41.2		1.1	36.2	36.1		18.8	18.4	
	*	STEYER 4430RR	44.1	42.9		1.3	35.1	35.9		18.9	18.7	
EXP		PROGENY P4508 RR	43.8			1.4	34.6			19.5		
	*	SOUTHERN STATES RT 4551N	43.6	40.0	45.8	1.6	35.2	37.1	**37.6**	19.3	18.2	18.2
	*	SOUTHERN CROSS JERICHO 4.2 N, RR	43.5			1.1	35.1			18.4		
	*	DYNA-GRO 38C42	43.4	42.5		1.1	36.1	36.7		19.1	18.5	
	*	SOUTHERN STATES RT 4370N	43.3	39.0		1.8	35.7	36.1		**19.6**	18.7	
	*	DYNA-GRO 33A40	43.2			1.4	35.6			19.4		
	*	ASGROW AG4005	43.2			1.0	36.0			18.0		
	*	DAIRYLAND 4300/RR	43.0			1.5	35.1			19.4		
EXP		PROGENY P4408 RR	43.0			1.1	35.7			18.5		
	*	SEED CONSULTANTS SC 9408RR	43.0			1.2	36.0			17.3		
	*	BECK 422NRR	42.7	41.8	48.0	1.3	35.9	36.4	36.6	19.3	18.5	**18.7**
	*	DYNA-GRO 36C44	42.6			1.1	36.1			18.0		
	*	SOUTHERN STATES RT 4451N	42.6	40.8	46.1	1.4	36.7	36.6	36.3	17.9	17.6	17.8
	*	PIONEER 94M50	42.4	43.1	48.8	1.2	36.2	35.9	36.4	19.2	18.4	18.5
	*	SCHILLINGER SEED 457.RCP	42.4	38.8		1.9	35.3	36.3		18.9	18.2	
	*	DAIRYLAND 4500/RRSTS	42.4			1.4	35.6			19.3		
~NS	*	SCHILLINGER SEED 448 F.HPC (high protein)	42.3			1.2	41.4			17.0		
	*	STEYER 4040RR	41.9	43.0		1.6	37.3	37.7		18.7	18.1	
	*	PROGENY P4405 RR	41.5	38.3		1.7	35.8	37.1		18.1	17.2	
	*	ASGROW DKB42-51	41.5	40.3	47.1	1.3	33.7	34.2	34.7	19.3	18.3	18.3
	*	L&M GLICK 843RR	41.4			1.6	35.5			19.5		
	*	ASGROW AG4404	41.3	39.1	46.0	1.3	37.0	37.0	36.9	18.5	17.7	18.0
	*	SEED CONSULTANTS SC 9459RR	41.3			1.5	35.3			18.9		
		HORNBECK HBK R4527	41.1	36.2		1.8	37.2	38.6		18.2	17.3	
	*	SEED CONSULTANTS SCS 9409RR	41.1			1.2	37.1			17.8		
~	*	SCHILLINGER SEED 447.TC	41.0			1.3	37.9			17.8		
	*	VIGORO V40N8RS	40.9	40.3		1.3	35.8	36.8		19.5	**19.0**	
~NS	*	SCHILLINGER SEED 428 F.HPC (high protein)	40.8			1.4	**41.8**			17.0		
~		STEYER 434	40.1			1.2	36.9			18.4		
~	*	STEYER 410	39.7			1.6	36.2			18.1		
	*	CROW'S C4519R	39.6			1.3	36.6			18.5		
~	*	L&M GLICK 53	39.0			1.6	35.7			18.7		
	*	UNISOUTH GENETICS USG 74C36	38.7			1.7	37.3			17.4		
~	*	SCHILLINGER SEED 435.TCS	38.1			1.1	37.0			18.3		
~NS		SCHILLINGER SEED 446 F.HP (high protein)	37.7	35.4		1.2	39.5	**40.7**		16.7	15.5	
~NS		SCHILLINGER SEED XP44.TL (low linolenic)	37.3			1.2	35.4			19.5		
~NS		SCHILLINGER SEED 438.TL (low linolenic)	36.9			1.3	35.6			19.0		
		EARLY GROUP IV AVERAGE	43.3	41.3	47.3	1.3	36.2	36.8	36.6	18.5	18.0	18.2
		LSD (0.10)	2.5	3.5	2.6	0.1						

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Table 4. 2008 Summary: Variety Test Tables 5-9.

TYPE		BRAND — VARIETY	YIELD (BU/AC)[A] 2008	07-08	06-08	LODGING 2008	% PROTEIN[B] 2008	07-08	06-08	% OIL[B] 2008	07-08	06-08
		MATURITY GROUP LATE IV (RELATIVE MG 4.6-4.9)										
	*	PIONEER 94Y70	**46.6**			1.7	34.9			19.5		
	*	ASGROW DKB46-51	46.5	42.2	47.3	1.4	36.4	37.9	37.8	19.1	18.3	18.2
	*	ASGROW AG4606	46.5			1.4	34.7			21.0		
	*	PROGENY P4908 RR	46.3			1.5	35.2			18.8		
	*	ARMOR 48-J3	46.1	45.1		1.4	37.4	38.7		18.7	18.1	
	*	DELTA GROW 4970 RR	45.9	40.6	47.2	1.9	36.3	38.1	37.5	18.9	17.9	17.9
	*	BECK 474NRR	45.7			1.3	37.0			17.8		
		ASGROW AG4903	45.5	42.5	48.0	1.4	36.8	37.2	36.5	19.3	18.7	18.7
	*	UNISOUTH GENETICS USG 74A76	45.4	42.7	48.0	1.6	35.1	37.2	36.6	19.3	18.0	18.2
	*	VIGORO V47N9RS	45.3			1.3	35.7			19.6		
	*	CROW'S C4820R	45.0			1.3	35.9			19.5		
		DELTA GROW 4870 RR	45.0			1.5	37.2			17.7		
	*	SEED CONSULTANTS SCS 9479RR	45.0			1.4	35.1			19.2		
	*	UNISOUTH GENETICS USG 74G78	45.0			1.1	33.9			19.6		
EXP	*	NK BRAND XR4881	44.8			1.2	34.7			18.6		
	*	SOUTHERN CROSS RUFUS 4.7 N, RR, STS	44.6			1.2	35.6			19.7		
	*	PROGENY P4606 RR	44.4	43.3		1.2	33.7	35.7		19.6	18.5	
	*	SOUTHERN STATES RT 4808N	44.4	43.9	**49.2**	1.6	35.6	37.0	36.0	19.0	17.6	17.8
		DAIRYLAND 8482/RR	44.4	42.0		1.5	35.8	37.2		18.9	18.3	
	*	SOUTHERN STATES RT 4888N	44.2			1.4	36.8			18.1		
	*	PROGENY P4918 RR	44.2			1.6	37.4			17.8		
	*	HORNBECK HBK R4924	44.1	43.6	48.3	1.6	35.9	37.2	36.4	19.1	18.0	18.2
	*	NK BRAND S49-Q9	44.0	38.9	46.0	1.8	34.8	36.9	36.6	18.9	17.1	17.3
	*	ASGROW AG4907	43.9			1.6	35.3			18.7		
	*	ASGROW AG4705	43.8			2.0	35.7			20.3		
	*	NK BRAND S47-D9	43.8	**45.3**		1.1	34.1	35.8		19.6	18.7	
	*	SCHILLINGER SEED 495.RC	43.7	41.9	46.6	1.9	36.6	38.2	37.7	18.3	17.6	17.7
	*	SOUTHERN STATES RT 4760N	43.6	40.8	46.6	1.7	35.5	37.5	37.6	19.2	18.0	18.0
	*	ARMOR 47-F8	43.5	42.5		1.1	34.0	35.7		19.3	18.7	
	*	VIGORO V48N7RS	43.4	42.0		1.1	34.0	34.8		19.5	19.0	
	*	PROGENY P4718 RR	43.4			1.4	37.3			18.0		
	*	HORNBECK HBK R4727	43.3	40.7		1.4	35.0	35.8		19.0	18.2	
	*	STINE 4782-4	43.3	42.0	49.1	1.2	33.5	35.7	35.2	19.9	19.5	19.4
	*	CAVERNDALE CF 470 RR/STSn	43.2	42.4		1.1	34.5	35.5		19.7	19.1	
		DELTA GROW 4975 LARR	43.2	40.7		1.4	35.8	37.2		18.8	17.7	
	*	STEYER 4620RR	43.2			1.2	35.6			19.7		
		PROGENY P4906 RR	43.1	39.4		1.4	35.2	36.9		18.6	17.9	
	*	SEED CONSULTANTS SC 9468RR	43.1	41.2		1.2	33.1	34.5		20.1	19.5	
	*	ASGROW AG4703	43.0	41.8	47.4	1.2	37.3	37.9	37.3	17.9	17.3	17.5
	*	ASGROW AG4605	42.7	39.1		1.3	34.5	36.1		19.0	18.6	
	*	VIGORO V49N6RR	42.7	42.1	48.2	1.7	36.5	37.8	37.4	19.0	18.0	18.0
	*	PIONEER 94Y90	42.5			1.6	36.3			19.4		
	*	DELTA GROW 4770 RR	42.2	41.5		1.6	35.3	37.4		19.0	18.1	
	*	PIONEER 94Y60	42.0			1.2	38.7			17.6		
	*	PROGENY P4807 RR	41.9	38.7		1.5	34.7	35.9		19.2	18.3	
	*	SOUTHERN CROSS ELI 4.7 N, RR, STS	41.8	41.7	49.0	1.2	34.0	35.0	34.7	19.8	19.7	**19.7**
	*	PROGENY P4706 RR	41.7	40.5		1.6	35.4	36.9		19.1	18.2	
	*	VIGORO V47N8RR	41.7			1.3	34.8			19.3		
	*	SOUTHERN STATES RT 4996N	41.6	40.0	46.0	1.6	36.0	37.5	37.1	19.7	18.4	18.6
	*	DELTA GROW 4780 RR	41.5	38.8		1.4	35.0	35.8		19.5	18.9	
	*	SOUTHERN STATES RT 4777N	41.4	42.6	47.9	1.4	35.0	36.3	36.5	19.1	18.4	18.5
	*	ARMOR ARX4717	41.2			1.2	36.1			19.0		
	*	TRISOY 4760RR(CN)	41.2	39.0		1.2	32.5	34.1		**21.5**	**20.3**	
	*	DELTA GROW 4840 RR	41.1	39.7	44.6	1.7	35.3	36.8	36.7	18.1	16.8	17.4
		PROGENY P4949 RR	40.7	40.4		1.5	35.4	37.6		19.9	18.1	
	*	UNISOUTH GENETICS USG 74T98	40.0			2.2	36.2			18.3		
	*	SOUTHERN CROSS GALILEE 4.7 N, RR	39.9	39.4		1.3	35.3	36.2		19.2	18.9	
	*	PIONEER 94M80	39.6	37.0	43.5	1.4	38.4	**39.7**	**38.9**	17.6	17.1	17.4
	*	SOUTHERN CROSS HIRAM 4.9 N, RR	39.2	38.6		1.4	35.6	36.1		18.9	17.7	
	*	UNISOUTH GENETICS USG 7484nRR	39.1			1.7	35.7			17.9		
~	*	SCHILLINGER SEED 477.TCS	38.6			1.3	37.9			18.0		
~P		PENNYRILE (long term check-released 1987)	38.3	35.8		1.5	37.0	38.0		19.1	18.6	
EXP	*	DAIRYLAND 47-001/RR	38.1	35.7		1.5	35.4	36.1		18.7	18.4	
	*	NK BRAND S45-E5	36.9			1.4	36.7			18.7		
~NS		KS4607 (high protein)	36.3	35.3		1.3	**39.4**	39.4		18.4	17.6	
	*	SCHILLINGER SEED 478.RCS	36.2			1.5	35.1			18.6		
		LATE GROUP IV AVERAGE	42.8	40.8	47.2	1.4	35.6	36.8	36.9	19.0	18.3	18.1
		LSD (0.10)	2.2	3.8	2.5	0.1						

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RECOMMENDED TABLE

Table 4. 2008 Summary: Variety Test Tables 5-9.

TYPE		BRAND — VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP V										
~P	*	KS5004N	**45.8**			2.1	35.8			19.0		
~		UNISOUTH GENETICS USG 5002T	44.5	40.4	47.1	2.2	36.1	37.5	37.0	18.7	18.1	18.1
~P		TEEJAY	43.1	40.3	46.0	1.8	35.8	37.7	37.0	18.4	17.5	17.6
~		UNISOUTH GENETICS USG 5601T	42.7	**41.0**	**47.8**	2.1	37.3	38.5	38.3	18.4	17.6	17.3
	*	DAIRYLAND 8509/RR	42.3	38.0		1.8	36.6	37.8		19.3	18.2	
	*	DELTA GROW 5170 RR	41.8			1.1	35.1			19.1		
	*	ARMOR 53-Z5	40.7			1.8	37.2			18.0		
	*	PROGENY P5408 RR	40.6			2.0	37.5			17.8		
	*	STINE 5482-4	40.4	37.7		1.6	36.3	37.2		18.5	18.1	
~P		V98-2711	39.8			2.3	38.3			18.0		
	*	SCHILLINGER SEED 557.RC	39.8			1.9	37.3			17.7		
	*	DELTA GROW 5160 RR/STS	39.4	37.0	45.0	1.7	36.3	38.5	38.2	**20.1**	**18.8**	**18.6**
	*	PROGENY P5208 RR	38.9			1.5	36.7			18.7		
	*	SOUTHERN CROSS DAMASCUS 5.0 N, RR, STS	38.8	35.2	43.0	1.7	36.3	38.4	38.0	19.7	18.7	**18.6**
	*	DELTA GROW 5300 RR	38.8	36.1		2.3	37.3	38.4		17.5	16.6	
	*	PROGENY P5115 RR	38.6	34.9		1.6	35.2	36.0		19.6	**18.8**	
	*	UNISOUTH GENETICS USG 75J47	38.5	37.5		1.9	37.5	37.8		18.0	17.7	
	*	PROGENY P5218 RR	38.4			2.7	36.8			18.4		
	*	PROGENY P5108 RR	38.2			1.5	37.8			18.2		
~P		JAKE	37.8	36.9	43.3	1.6	38.2	38.0	37.2	17.0	17.2	17.4
EXP-NS		V01-1702 (3.5% linolenic)	37.8			1.8	36.6			19.4		
	*	PROGENY P5308 RR	37.7			1.7	37.1			18.4		
~P		ESSEX (long term check-released 1974)	37.5	35.2		2.0	38.3	**39.9**		18.0	17.4	
	*	PROGENY P5107 RR	37.5	32.1		2.1	36.5	38.5		18.4	17.3	
EXP-NS		V01-1693 (3.5% linolenic)	37.3			1.9	36.7			18.7		
	*	UNISOUTH GENETICS USG 75J32	37.1	34.9	42.4	1.9	37.1	38.6	37.9	18.3	17.1	17.3
	*	PIONEER 95Y20	37.0			1.8	36.1			18.4		
	*	DAIRYLAND 8512/RR	36.9			1.6	37.7			18.5		
	*	SOUTHERN STATES RT 5160N	36.9	36.3	42.7	2.0	37.4	38.0	37.1	17.4	17.2	17.5
		UNISOUTH GENETICS USG ALLEN	36.6	35.0	42.9	2.0	37.2	38.2	37.6	17.9	17.5	17.2
	*	SOUTHERN STATES RT 5540N	36.6	35.2	41.6	2.4	38.8	39.4	38.5	18.1	17.5	17.7
	*	DELTA GROW 5450 RR	36.1			1.8	37.6			17.4		
~		PROGENY P5770	36.0			2.7	37.1			18.6		
	*	DELTA GROW 5470 RR	35.9	34.6		1.6	37.6	38.6		17.4	17.1	
	*	DELTA KING DK52K6	35.7	36.5	43.6	2.4	**39.1**	39.7	**39.0**	17.3	17.0	17.2
~		HORNBECK HBK C4926	33.8			1.6	36.5			18.7		
		GROUP V AVERAGE	38.8	36.6	44.1	1.9	37.0	38.2	37.8	18.4	17.6	17.7
		LSD (0.10)	1.8	3.5	2.7	0.2						
		GRAND MEAN	42.2	40.1	46.1	1.5	36.3	37.1	37.1	18.6	18.1	18.1

~ Variety is not Roundup Ready. All varieties without a tilda (~) prefix are Roundup Ready.

* Resistant to soybean cyst nematode. See Table 3. Company Disease Resistance Specifications for details.

P Entries with a P prefix are public varieties.

NS Entries with a NS prefix are novel soybean varieties that are emerging from both the public and private sectors. Some of these value-added soybean types will supply relatively small market niches, while others may be of much broader market value. Testing novel soybeans will enable producers to assess whether premiums for a given trait offset possible yield lag/drag.

EXP Entries with an EXP prefix are varieties that are still under development or soon to be released.

A Within a maturity group, shaded yields are not significantly different (0.10 level) from the highest yielding cultivar (bold data) of that maturity group and year column.

B Variety protein and oil concentration was determined at the Hancock Co. location (all test locations for NS entries) and expressed on the basis of 13% moisture. The 2008 data were provided by the University of Kentucky using near-infrared (NIR) analysis. The 2007 and 2006 data were provided by the Iowa State University Grain Quality Analysis Services using near-infrared (NIR) analysis.

Table 5. 2008 Caldwell County (UK) Full-Season Variety Test.

TYPE		BRAND — VARIETY	YIELD (BU/AC)[A] 2008	07-08	06-08	LODGING 2008
		MATURITY GROUP II-III (RELATIVE MG 2.7-3.9)				
	*	ARMOR ARX938	**62.8**			2.3
	*	NK BRAND S37-P5	62.6	44.3		1.5
	*	PIONEER 93Y20	60.3			2.5
	*	NK BRAND S38-D5	58.7	41.9		2.5
	*	SEED CONSULTANTS SC 9389RR	58.7			1.8
	*	SOUTHERN STATES RT 3971N	58.6	**44.6**		1.8
	*	NK BRAND S39-A3	58.3	41.4		1.8
~	*	EBBERTS 3386	58.3	40.5		2.3
	*	PROGENY P3906 RR	57.5			2.0
	*	VIGORO V37N8RR	57.3			1.3
	*	BECK 399NRR	56.7	43.6		1.3
	*	EBBERTS 1378RR	56.7	41.1		2.0
	*	DYNA-GRO 32X39	56.5			1.3
	*	EBBERTS 1386RR	56.2	37.6	41.9	1.8
NS		ASGROW AG36-22V (low linolenic)	55.9			1.3
	*	SOUTHERN STATES RT 3871N	55.8	41.1		1.8
NS	*	ASGROW AG35-21V (low linolenic)	55.6	39.8		1.3
	*	SEED CONSULTANTS SC 9386RR	55.4	37.5	42.3	2.5
	*	ASGROW AG3803	55.1	42.1		1.5
		HORNBECK HBK R3927	54.9	39.5		2.8
	*	SOUTHERN CROSS LUCAS 3.8 N, RR	54.6	39.8		2.0
	*	ARMOR 38-G2	54.5			1.5
NS		ASGROW DKB31-22V (low linolenic)	54.2			1.0
	*	VIGORO V39N9RR	54.2			1.8
	*	ASGROW AG3906	54.1	41.3	**47.1**	1.3
NS	*	ASGROW AG3121V (low linolenic)	53.8	42.0		1.3
~	*	PORTER HYBRIDS PH 4385N	53.6			2.3
	*	ASGROW AG3705	53.4	39.7	43.2	1.0
		SOUTHERN STATES RT 3860	53.2	38.6	44.5	1.0
	*	SEED CONSULTANTS SCS 9398RR	53.2			2.3
~NS		IA3027 (large seed, high protein)	52.4	34.6	33.0	2.0
	*	EBBERTS 1365RR	52.3	37.9	41.6	2.0
~	*	PORTER HYBRIDS PH 4360N	52.2			1.5
~		PIONEER 93B82	52.1	38.5		1.8
	*	ASGROW AG3603	52.0	38.8		1.0
~		SEED CONSULTANT SC 388	51.8			2.0
~NS		IA3024 (low linolenic)	51.7	38.8		2.0
	*	CROW'S C3916R	51.3	39.9		1.3
NS	*	ASGROW AG2921V (low linolenic)	50.5	37.5		1.0
~NS	*	SCHILLINGER SEED 397.TCL (low linolenic)	50.4	36.1		1.3
	*	BECK 364NRR	49.1			1.8
NS		DAIRYLAND DST37-001-UL (low linolenic)	48.9			2.0
~NS		IA3026 (low saturates)	48.7			2.5
NS		DAIRYLAND DST37-000-UL (low linolenic)	47.1			1.5
NS	*	ASGROW AG2822V (low linolenic)	46.3	36.4		1.0
~NS		IA3036 (mid oleic)	44.7			2.5
~NS		IA3041 (low linolenic)	44.3			2.3
~NS		IA3025 (low linolenic)	40.3	25.5		1.3
		GROUP III AVERAGE	53.7	39.3	41.9	1.7
		LSD (0.10)	5.1	3.1	3.1	0.3

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Table 5. 2008 Caldwell County (UK) Full-Season Variety Test.

TYPE		BRAND — VARIETY	YIELD (BU/AC)[A] 2008	07-08	06-08	LODGING 2008
		MATURITY GROUP EARLY IV (RELATIVE MG 4.0-4.5)				
~	*	PORTER HYBRIDS PH 4419N	**67.4**			2.0
	*	CAVERNDALE CF 422 RR/STSn	66.6	**51.3**	**54.7**	1.5
	*	TRISOY 4586RR(CN)	64.1			1.8
	*	CAVERNDALE CF 447 RR/STSn	63.7	50.3		1.3
	*	ASGROW AG4303	63.7			1.8
	*	STEYER 4430RR	63.3	49.7		1.8
	*	NK BRAND S43-N6	62.5			2.0
	*	ARMOR 44-K6	61.9			1.3
	*	CAVERNDALE CF 410 RR/STSn	61.8	48.3		1.5
	*	VIGORO V42N9RS	61.7			1.8
	*	TRISOY 4184RR(CN)	61.4			2.0
~	*	SOUTHERN CROSS BENJAMIN 4.3 N	61.1			2.0
	*	DYNA-GRO 35D44	61.1	43.2		1.8
	*	VIGORO V44N9RS	60.8			1.8
EXP	*	SEED CONSULTANTS EXP 4242RR	60.7			1.5
	*	PROGENY P4206 RR	60.6	46.7		2.3
	*	DYNA-GRO 36C44	60.5			1.3
	*	SEED CONSULTANTS SC 9419RR	60.2			1.5
	*	SEED CONSULTANTS SC 9408RR	60.0			1.8
	*	BECK 445NRR	60.0			1.5
EXP		PROGENY P4408 RR	60.0			1.5
	*	PIONEER 94Y01	59.9			2.3
	*	SOUTHERN CROSS LOT 4.1 N, RR, STS	59.3			1.5
	*	PIONEER 94Y20	59.2			2.3
	*	ASGROW AG4005	59.2			1.0
	*	SEED CONSULTANTS SCS 9448RR	59.1			2.3
~NS		SCHILLINGER SEED XP44.TL (low linolenic)	58.8			1.3
	*	DELTA GROW 4150 RR	58.7	41.6	48.0	1.3
~	*	L&M GLICK 53	58.7			2.3
	*	STEYER 4040RR	58.3	47.9		2.3
	*	DELTA GROW 4470 RR/STS	58.3	40.2		2.0
	*	SOUTHERN STATES RT 4470N	58.0	44.6		1.5
~	*	SCHILLINGER SEED 435.TCS	58.0			1.5
	*	SOUTHERN CROSS JERICHO 4.2 N, RR	57.8			1.3
	*	ARMOR 42-M1	57.7			1.3
	*	DAIRYLAND 4300/RR	57.7			2.3
	*	SOUTHERN CROSS CALEB 4.4 N, RR, STS	57.5	40.4		1.5
	*	CROW'S C4119R	57.5			1.8
	*	NK BRAND S44-D5	57.5	46.2		2.0
	*	DELTA GROW 4460 RR	57.3	41.4	47.6	2.3
	*	SEED CONSULTANTS SCS 9409RR	57.0			1.5
	*	DYNA-GRO 33A40	56.9			1.8
	*	PIONEER 94M50	56.6	47.0	51.1	2.0
	*	BECK 422NRR	56.5	47.9	52.4	1.8
	*	DYNA-GRO 38C42	56.3	45.7		1.0
	*	ASGROW DKB42-51	56.0	44.5	50.1	1.5
	*	TRISOY 4475RR(CN)	56.0			2.0
	*	VIGORO V40N8RS	55.9	40.3		1.5
	*	ASGROW AG4404	55.3	42.3	49.3	2.0
~	*	SCHILLINGER SEED 447.TC	55.2			2.0
~	*	STEYER 410	55.0			1.8
	*	SOUTHERN STATES RT 4451N	55.0	41.6	46.6	2.0
	*	DAIRYLAND 4500/RRSTS	54.9			1.8
~		STEYER 434	54.8			1.5
~NS	*	SCHILLINGER SEED 428 F.HPC (high protein)	54.7			1.8
	*	L&M GLICK 843RR	54.1			2.5
	*	SOUTHERN STATES RT 4551N	54.0	38.7	44.5	2.3
EXP		PROGENY P4508 RR	53.6			2.3
	*	SEED CONSULTANTS SC 9459RR	53.1			2.0
	*	SOUTHERN STATES RT 4370N	52.9	38.8		2.5
	*	CROW'S C4519R	52.8			1.8
~NS		SCHILLINGER SEED 446 F.HP (high protein)	52.5	38.5		1.8
	*	UNISOUTH GENETICS USG 74C36	51.6			2.3
		HORNBECK HBK R4527	51.4	36.5		2.3
~NS	*	SCHILLINGER SEED 448 F.HPC (high protein)	51.4			1.8
	*	PROGENY P4405 RR	50.7	36.3		2.5
	*	SCHILLINGER SEED 457.RCP	48.5	36.5		2.3
~NS		SCHILLINGER SEED 438.TL (low linolenic)	47.9			2.0
		EARLY GROUP IV AVERAGE	57.7	43.3	49.3	1.8
		LSD (0.10)	5.8	4.6	3.7	0.4

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Table 5. 2008 Caldwell County (UK) Full-Season Variety Test.

TYPE		BRAND — VARIETY	YIELD (BU/AC)[A] 2008	07-08	06-08	LODGING 2008
		MATURITY GROUP LATE IV (RELATIVE MG 4.6-4.9)				
	*	SOUTHERN STATES RT 4760N	**63.0**	**47.7**	49.7	2.5
	*	BECK 474NRR	62.1			2.0
	*	UNISOUTH GENETICS USG 74A76	59.1	43.7	45.7	2.3
	*	SOUTHERN CROSS RUFUS 4.7 N, RR, STS	59.1			2.0
	*	CROW'S C4820R	58.9			2.0
	*	ASGROW DKB46-51	58.7	43.9	47.3	2.0
	*	PROGENY P4718 RR	58.3			2.0
EXP	*	NK BRAND XR4881	58.2			2.0
	*	PROGENY P4908 RR	58.0			2.3
	*	UNISOUTH GENETICS USG 74G78	57.9			1.5
	*	ASGROW AG4606	57.9			2.0
	*	PIONEER 94Y70	57.9			2.0
	*	PIONEER 94Y90	57.3			2.3
	*	CAVERNDALE CF 470 RR/STSn	56.9	44.0		1.5
	*	DELTA GROW 4780 RR	56.7	39.2		2.0
	*	SOUTHERN CROSS ELI 4.7 N, RR, STS	56.6	44.0	49.6	1.8
	*	PROGENY P4918 RR	56.6			2.3
	*	NK BRAND S47-D9	56.5	46.5		1.5
		DELTA GROW 4870 RR	56.1			2.3
	*	ASGROW AG4703	56.0	43.8	47.5	2.0
	*	PROGENY P4807 RR	55.9	40.0		2.0
	*	SEED CONSULTANTS SC 9468RR	55.7	44.2		2.0
	*	PROGENY P4706 RR	55.6	42.7		2.5
	*	HORNBECK HBK R4727	55.5	41.8		2.0
	*	ARMOR ARX4717	55.5			1.8
	*	ASGROW AG4605	55.4	40.1		2.0
	*	STINE 4782-4	55.2	44.2	48.1	1.8
	*	VIGORO V47N9RS	55.2			2.0
	*	SOUTHERN STATES RT 4888N	54.9			2.0
	*	VIGORO V47N8RR	54.9			2.0
	*	SOUTHERN STATES RT 4808N	54.8	44.2	**50.9**	2.0
	*	STEYER 4620RR	54.7			2.0
	*	PIONEER 94Y60	54.6			1.8
	*	DELTA GROW 4770 RR	54.0	42.5		2.3
	*	PROGENY P4606 RR	53.8	42.1		1.8
		PROGENY P4949 RR	53.8	39.3		2.0
	*	DELTA GROW 4840 RR	53.7	38.5	42.6	3.0
	*	ARMOR 47-F8	53.7	43.8		1.5
	*	SOUTHERN CROSS GALILEE 4.7 N, RR	53.6	39.8		2.0
	*	VIGORO V48N7RS	53.6	41.5		1.5
~	*	SCHILLINGER SEED 477.TCS	53.0			2.0
	*	SEED CONSULTANTS SCS 9479RR	52.9			2.3
	*	SCHILLINGER SEED 495.RC	52.4	40.3	41.9	2.5
		DAIRYLAND 8482/RR	52.4	43.3		2.3
	*	SOUTHERN STATES RT 4777N	52.3	44.1	47.4	2.0
	*	TRISOY 4760RR(CN)	51.8	41.8		1.8
	*	ARMOR 48-J3	51.5	44.0		2.0
	*	ASGROW AG4705	51.1			2.8
	*	DELTA GROW 4970 RR	50.8	38.0	46.2	2.5
	*	HORNBECK HBK R4924	50.6	43.7	49.3	2.3
		DELTA GROW 4975 LARR	50.4	41.4		2.0
		ASGROW AG4903	50.3	43.6	48.1	2.0
	*	NK BRAND S45-E5	50.0			2.0
	*	ASGROW AG4907	49.8			2.0
	*	SOUTHERN CROSS HIRAM 4.9 N, RR	48.2	39.1		2.0
~NS		KS4607 (high protein)	48.0	38.8		2.0
	*	VIGORO V49N6RR	46.6	42.7	48.8	2.5
	*	SOUTHERN STATES RT 4996N	46.3	36.0	39.6	2.0
	*	UNISOUTH GENETICS USG 7484nRR	46.3			3.3
		PROGENY P4906 RR	45.9	36.8		2.0
	*	PIONEER 94M80	45.1	36.4	42.7	2.0
	*	UNISOUTH GENETICS USG 74T98	44.5			3.0
~P		PENNYRILE (long term check-released 1987)	44.2	36.0		2.0
	*	SCHILLINGER SEED 478.RCS	44.1			2.3
EXP	*	DAIRYLAND 47-001/RR	43.9	34.9		2.3
	*	NK BRAND S49-Q9	41.1	33.7	41.6	2.0
		LATE GROUP IV AVERAGE	53.3	41.3	46.3	2.1
		LSD (0.10)	5.6	4.3	3.6	0.3

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Table 5. 2008 Caldwell County (UK) Full-Season Variety Test.

TYPE		BRAND — VARIETY	YIELD (BU/AC)[A] 2008	07-08	06-08	LODGING 2008
		MATURITY GROUP V				
~P	*	KS5004N	**55.3**			2.5
~P		TEEJAY	53.2	46.7	49.7	2.0
~		UNISOUTH GENETICS USG 5002T	52.3	44.3	48.7	2.8
	*	DELTA GROW 5170 RR	50.8			1.5
	*	DELTA GROW 5160 RR/STS	48.4	34.7	41.6	2.5
~		UNISOUTH GENETICS USG 5601T	47.7	**47.2**	**52.7**	2.0
	*	ARMOR 53-Z5	46.8			2.0
	*	SOUTHERN CROSS DAMASCUS 5.0 N, RR, STS	46.6	32.2	39.2	2.3
	*	PROGENY P5408 RR	46.2			2.5
	*	DELTA GROW 5300 RR	45.8	41.6		3.0
	*	DAIRYLAND 8509/RR	44.4	36.6		2.3
	*	PROGENY P5308 RR	44.4			2.3
~P		V98-2711	44.2			4.3
	*	PROGENY P5218 RR	43.6			4.0
EXP-NS		V01-1702 (3.5% linolenic)	43.0			2.0
	*	SOUTHERN STATES RT 5540N	42.9	41.0	44.6	3.0
	*	PROGENY P5115 RR	42.9	32.7		2.3
	*	UNISOUTH GENETICS USG 75J47	41.9	40.9		2.0
~P		ESSEX (long term check-released 1974)	41.6	36.7		3.0
EXP-NS		V01-1693 (3.5% linolenic)	41.6			2.3
	*	PIONEER 95Y20	40.8			2.5
	*	SCHILLINGER SEED 557.RC	40.7			2.0
	*	STINE 5482-4	40.4	35.6		2.0
		UNISOUTH GENETICS USG ALLEN	39.9	38.8	45.0	2.3
	*	UNISOUTH GENETICS USG 75J32	39.0	37.7	41.7	2.0
	*	SOUTHERN STATES RT 5160N	38.9	39.8	43.7	2.3
	*	PROGENY P5208 RR	38.5			2.0
	*	PROGENY P5108 RR	37.3			2.0
~		PROGENY P5770	36.7			4.3
~P		JAKE	36.6	34.9	40.2	2.0
	*	DELTA GROW 5450 RR	36.6			2.3
	*	DELTA GROW 5470 RR	36.2	36.0		2.3
	*	PROGENY P5107 RR	35.9	30.2		3.3
~		HORNBECK HBK C4926	35.7			2.3
	*	DELTA KING DK52K6	35.4	41.0	45.2	2.8
	*	DAIRYLAND 8512/RR	34.6			2.0
		GROUP V AVERAGE	42.4	38.3	44.7	2.5
		LSD (0.10)	5.7	3.3	3.0	0.5
		GRAND MEAN	52.9	40.8	45.8	2.0

~	Variety is not Roundup Ready. All varieties without a tilda (~) prefix are Roundup Ready.
*	Resistant to soybean cyst nematode. See Table 3. Company Disease Resistance Specifications for details.
P	Entries with a P prefix are public varieties.
NS	Entries with a NS prefix are novel soybean varieties that are emerging from both the public and private sectors. Some of these value-added soybean types will supply relatively small market niches, while others may be of much broader market value. Testing novel soybeans will enable producers to assess whether premiums for a given trait offset possible yield lag/drag.
EXP	Entries with an EXP prefix are varieties that are still under development or soon to be released.
A	Within a maturity group, shaded yields are not significantly different (0.10 level) from the highest yielding cultivar (bold data) of that maturity group and year column.

Table 6. 2008 Calloway County (MSU) Full-Season Variety Test.

TYPE		BRAND — VARIETY	YIELD (BU/AC)[A] 2008	LODGING 2008
		MATURITY GROUP II-III (RELATIVE MG 2.7-3.9)		
	*	SEED CONSULTANTS SCS 9398RR	**49.5**	1.8
		PROGENY P3906 RR	48.8	1.0
	*	ARMOR ARX938	44.5	1.5
	*	ASGROW AG3803	43.0	1.0
		HORNBECK HBK R3927	42.9	2.5
	*	NK BRAND S39-A3	42.7	2.0
~NS		IA3026 (low saturates)	42.7	1.0
~	*	PORTER HYBRIDS PH 4385N	42.0	1.3
	*	SOUTHERN CROSS LUCAS 3.8 N, RR	41.7	1.0
	*	SOUTHERN STATES RT 3871N	41.0	1.0
	*	NK BRAND S38-D5	39.5	1.5
	*	PIONEER 93Y20	39.4	2.0
~		PIONEER 93B82	39.4	2.5
	*	EBBERTS 1365RR	39.3	1.3
NS	*	ASGROW AG2921V (low linolenic)	38.9	1.0
~	*	EBBERTS 3386	38.8	1.0
	*	NK BRAND S37-P5	38.5	1.8
	*	BECK 399NRR	38.4	1.0
	*	ARMOR 38-G2	38.2	1.3
NS		DAIRYLAND DST37-000-UL (low linolenic)	38.1	1.8
	*	ASGROW AG3906	38.0	1.0
	*	EBBERTS 1378RR	37.5	1.0
	*	VIGORO V37N8RR	37.2	1.0
~NS	*	SCHILLINGER SEED 397.TCL (low linolenic)	37.0	1.3
	*	BECK 364NRR	36.5	1.3
~		SEED CONSULTANT SC 388	36.5	1.3
	*	SOUTHERN STATES RT 3971N	36.3	1.0
	*	ASGROW AG3705	36.3	1.3
	*	VIGORO V39N9RR	36.2	1.0
	*	ASGROW AG3603	36.0	1.3
	*	SEED CONSULTANTS SC 9386RR	35.7	1.8
	*	CROW'S C3916R	35.7	1.0
NS		DAIRYLAND DST37-001-UL (low linolenic)	35.4	2.0
NS	*	ASGROW AG35-21V (low linolenic)	35.3	1.5
NS		ASGROW AG36-22V (low linolenic)	35.3	1.0
	*	EBBERTS 1386RR	35.1	1.0
		SOUTHERN STATES RT 3860	34.4	1.3
	*	SEED CONSULTANTS SC 9389RR	34.3	1.0
~	*	PORTER HYBRIDS PH 4360N	33.9	1.0
~NS		IA3024 (low linolenic)	33.2	1.8
	*	DYNA-GRO 32X39	33.0	1.0
~NS		IA3036 (mid oleic)	32.6	1.3
NS	*	ASGROW AG3121V (low linolenic)	32.4	2.0
~NS		IA3041 (low linolenic)	32.4	1.3
~NS		IA3027 (large seed, high protein)	30.8	1.0
NS	*	ASGROW AG2822V (low linolenic)	30.0	2.3
NS		ASGROW DKB31-22V (low linolenic)	27.8	1.0
~NS		IA3025 (low linolenic)	27.0	2.3
		GROUP III AVERAGE	37.3	1.4
		LSD (0.10)	4.3	0.5

Table 6. 2008 Calloway County (MSU) Full-Season Variety Test.

TYPE		BRAND — VARIETY	YIELD (BU/AC)[A] 2008	LODGING 2008
		MATURITY GROUP EARLY IV (RELATIVE MG 4.0-4.5)		
~	*	SOUTHERN CROSS BENJAMIN 4.3 N	**55.2**	1.0
	*	TRISOY 4475RR(CN)	51.4	1.0
		PROGENY P4508 RR	50.0	1.0
	*	DELTA GROW 4460 RR	49.4	1.0
	*	ARMOR 42-M1	49.2	1.0
	*	SCHILLINGER SEED 457.RCP	47.5	1.0
	*	PIONEER 94Y20	46.7	1.0
	*	SEED CONSULTANTS SCS 9448RR	45.7	1.0
		HORNBECK HBK R4527	45.3	1.0
	*	DAIRYLAND 4300/RR	44.8	1.0
	*	TRISOY 4184RR(CN)	44.7	1.0
	*	DYNA-GRO 35D44	44.2	1.0
	*	CROW'S C4119R	44.0	1.0
	*	NK BRAND S44-D5	43.6	1.0
	*	DELTA GROW 4470 RR/STS	43.1	1.0
	*	SOUTHERN STATES RT 4551N	43.0	1.0
	*	CAVERNDALE CF 410 RR/STSn	43.0	1.0
	*	TRISOY 4586RR(CN)	42.8	1.0
	*	PROGENY P4405 RR	42.8	1.0
	*	BECK 445NRR	42.6	1.0
	*	DELTA GROW 4150 RR	42.6	1.0
	*	ASGROW AG4303	42.0	1.0
	*	PIONEER 94Y01	41.7	1.0
	*	NK BRAND S43-N6	41.7	1.0
	*	VIGORO V42N9RS	41.5	1.0
	*	DAIRYLAND 4500/RRSTS	41.4	1.0
	*	SOUTHERN STATES RT 4370N	41.0	1.0
	*	CAVERNDALE CF 447 RR/STSn	40.5	1.0
~NS	*	SCHILLINGER SEED 448 F.HPC (high protein)	40.3	1.0
	*	SOUTHERN STATES RT 4470N	39.9	1.0
	*	ARMOR 44-K6	39.7	1.0
	*	L&M GLICK 843RR	39.7	1.0
	*	SOUTHERN STATES RT 4451N	39.2	1.0
	*	VIGORO V44N9RS	39.2	1.0
		SOUTHERN CROSS LOT 4.1 N, RR, STS	39.2	1.0
	*	CAVERNDALE CF 422 RR/STSn	39.0	1.0
	*	DYNA-GRO 36C44	38.8	1.0
	*	SEED CONSULTANTS SC 9459RR	38.6	1.0
	*	DYNA-GRO 38C42	38.4	1.0
	*	SOUTHERN CROSS JERICHO 4.2 N, RR	38.2	1.0
		SEED CONSULTANTS SC 9419RR	38.2	1.0
	*	STEYER 4430RR	37.9	1.0
	*	DYNA-GRO 33A40	37.6	1.0
	*	PROGENY P4206 RR	37.5	1.0
	*	STEYER 4040RR	37.3	1.0
~	*	PORTER HYBRIDS PH 4419N	37.3	1.0
	*	SEED CONSULTANTS SCS 9409RR	36.8	1.0
	*	VIGORO V40N8RS	36.6	1.0
~NS	*	SCHILLINGER SEED 428 F.HPC (high protein)	36.6	1.0
	*	BECK 422NRR	36.0	1.0
	*	UNISOUTH GENETICS USG 74C36	35.8	1.0
	*	SOUTHERN CROSS CALEB 4.4 N, RR, STS	35.8	1.0
~	*	SCHILLINGER SEED 447.TC	35.8	1.0
	*	ASGROW AG4005	35.4	1.0
	*	PIONEER 94M50	35.2	1.0
EXP	*	SEED CONSULTANTS EXP 4242RR	35.2	1.0
~		STEYER 434	34.9	1.0
		PROGENY P4408 RR	34.7	1.0
	*	SEED CONSULTANTS SC 9408RR	34.4	1.0
~		STEYER 410	34.1	1.0
	*	ASGROW DKB42-51	34.0	1.0
	*	CROW'S C4519R	32.7	1.0
~	*	L&M GLICK 53	32.3	1.0
~NS		SCHILLINGER SEED 438.TL (low linolenic)	31.8	1.0
	*	ASGROW AG4404	30.4	1.0
~NS		SCHILLINGER SEED 446 F.HP (high protein)	29.9	1.0
~NS		SCHILLINGER SEED XP44.TL (low linolenic)	29.3	1.0
~	*	SCHILLINGER SEED 435.TCS	26.5	1.0
		EARLY GROUP IV AVERAGE	39.6	1.0
		LSD (0.10)	5.7	

continued on next page

Table 6. 2008 Calloway County (MSU) Full-Season Variety Test.

TYPE		BRAND — VARIETY	YIELD (BU/AC)[A] 2008	LODGING 2008
		MATURITY GROUP LATE IV (RELATIVE MG 4.6-4.9)		
	*	NK BRAND S49-Q9	**51.9**	1.5
	*	HORNBECK HBK R4924	50.7	1.3
	*	ARMOR 48-J3	48.5	1.0
		ASGROW AG4903	48.2	1.0
	*	DELTA GROW 4970 RR	48.1	1.3
	*	ASGROW AG4705	47.9	1.5
	*	UNISOUTH GENETICS USG 74G78	47.8	1.0
		DELTA GROW 4870 RR	47.7	1.0
	*	SEED CONSULTANTS SCS 9479RR	47.6	1.0
		PROGENY P4908 RR	47.4	1.0
	*	PIONEER 94Y70	47.0	1.3
	*	UNISOUTH GENETICS USG 74T98	47.0	1.5
	*	HORNBECK HBK R4727	46.9	1.0
	*	PROGENY P4606 RR	46.4	1.0
	*	VIGORO V49N6RR	46.4	1.0
	*	UNISOUTH GENETICS USG 74A76	46.2	1.3
		DAIRYLAND 8482/RR	45.7	1.0
	*	SOUTHERN STATES RT 4808N	45.7	1.3
	*	VIGORO V47N8RR	45.7	1.0
	*	ARMOR 47-F8	45.6	1.0
		PROGENY P4906 RR	45.5	1.0
	*	CROW'S C4820R	45.3	1.0
	*	STINE 4782-4	45.2	1.0
	*	SOUTHERN CROSS HIRAM 4.9 N, RR	44.8	1.0
	*	SOUTHERN STATES RT 4996N	44.8	1.0
	*	TRISOY 4760RR(CN)	44.7	1.0
	*	ASGROW AG4606	44.3	1.3
		PROGENY P4918 RR	44.2	1.0
	*	STEYER 4620RR	44.0	1.0
	*	SOUTHERN STATES RT 4888N	43.9	1.0
	*	VIGORO V48N7RS	43.9	1.0
	*	PIONEER 94Y90	43.7	1.0
	*	ASGROW DKB46-51	43.6	1.0
	*	DELTA GROW 4770 RR	43.5	1.0
	*	ASGROW AG4703	43.1	1.0
	*	BECK 474NRR	43.1	1.0
	*	PROGENY P4807 RR	43.1	1.0
	*	SOUTHERN CROSS RUFUS 4.7 N, RR, STS	42.9	1.0
	*	SOUTHERN CROSS ELI 4.7 N, RR, STS	42.8	1.0
~NS		EXP KY04-ns-309	42.7	1.0
EXP	*	NK BRAND XR4881	42.6	1.0
	*	ASGROW AG4907	42.5	1.0
	*	SEED CONSULTANTS SC 9468RR	42.2	1.0
	*	DELTA GROW 4780 RR	41.8	1.0
	*	DELTA GROW 4840 RR	41.7	1.0
		DELTA GROW 4975 LARR	41.3	1.0
	*	CAVERNDALE CF 470 RR/STSn	41.2	1.0
	*	VIGORO V47N9RS	41.1	1.0
	*	SCHILLINGER SEED 495.RC	40.8	1.0
	*	PROGENY P4706 RR	40.7	1.0
	*	NK BRAND S47-D9	40.2	1.0
		PROGENY P4949 RR	39.3	1.0
		UNISOUTH GENETICS USG 7484nRR	39.3	1.0
		PROGENY P4718 RR	38.3	1.0
	*	SOUTHERN STATES RT 4777N	38.2	1.0
	*	PIONEER 94M80	38.0	1.0
	*	SOUTHERN CROSS GALILEE 4.7 N, RR	38.0	1.0
EXP	*	DAIRYLAND 47-001/RR	37.9	1.0
~NS		EXP KY04-ns-320	37.7	1.0
	*	PIONEER 94Y60	36.8	1.0
~P		PENNYRILE (long term check-released 1987)	36.4	1.0
	*	ASGROW AG4605	36.3	1.0
	*	SOUTHERN STATES RT 4760N	36.2	1.0
	*	ARMOR ARX4717	36.1	1.0
	*	NK BRAND S45-E5	34.6	1.0
~NS		KS4607 (high protein)	34.5	1.0
	*	SCHILLINGER SEED 478.RCS	34.1	1.0
~	*	SCHILLINGER SEED 477.TCS	31.9	1.0
		LATE GROUP IV AVERAGE	42.8	1.0
		LSD (0.10)	5.8	0.2

Table 6. 2008 Calloway County (MSU) Full-Season Variety Test.

TYPE		BRAND — VARIETY	YIELD (BU/AC)[A] 2008	LODGING 2008
		MATURITY GROUP V		
~		UNISOUTH GENETICS USG 5002T	**50.0**	2.0
	*	SCHILLINGER SEED 557.RC	49.0	2.0
		PROGENY P5408 RR	48.8	1.8
	*	UNISOUTH GENETICS USG 75J32	48.7	2.0
~		UNISOUTH GENETICS USG 5601T	48.7	1.8
~P		JAKE	48.7	1.3
	*	UNISOUTH GENETICS USG 75J47	48.0	2.3
		PROGENY P5308 RR	47.8	1.8
~P	*	KS5004N	47.8	2.0
		PROGENY P5108 RR	47.7	1.3
	*	ARMOR 53-Z5	47.6	1.8
		UNISOUTH GENETICS USG ALLEN	46.4	1.5
~		PROGENY P5770	46.1	2.3
	*	STINE 5482-4	45.8	1.0
	*	DELTA GROW 5300 RR	45.8	1.8
	*	PIONEER 95Y20	45.4	2.0
		PROGENY P5208 RR	45.4	1.0
~P		V98-2711	45.1	1.3
EXP-NS		V01-1702 (3.5% linolenic)	45.0	1.5
	*	DELTA KING DK52K6	44.6	2.3
~P		TEEJAY	44.5	1.0
		PROGENY P5218 RR	44.4	2.5
~P		ESSEX (long term check-released 1974)	44.1	1.3
	*	DELTA GROW 5170 RR	43.6	1.0
	*	DAIRYLAND 8512/RR	43.5	1.0
	*	DELTA GROW 5450 RR	43.4	1.5
EXP-NS		V01-1693 (3.5% linolenic)	43.1	1.3
	*	SOUTHERN STATES RT 5160N	42.8	1.5
	*	SOUTHERN CROSS DAMASCUS 5.0 N, RR, STS	42.8	1.0
~		HORNBECK HBK C4926	42.6	1.0
	*	PROGENY P5107 RR	42.3	1.0
	*	DELTA GROW 5160 RR/STS	41.7	1.0
	*	DAIRYLAND 8509/RR	41.6	1.3
	*	SOUTHERN STATES RT 5540N	40.9	2.0
	*	DELTA GROW 5470 RR	40.5	1.0
	*	PROGENY P5115 RR	39.5	1.0
		GROUP V AVERAGE	45.1	1.5
		LSD (0.10)	3.8	0.4
		GRAND MEAN	41.3	1.2

~ Variety is not Roundup Ready. All varieties without a tilda (~) prefix are Roundup Ready.

* Resistant to soybean cyst nematode. See Table 3. Company Disease Resistance Specifications for details.

P Entries with a P prefix are public varieties.

NS Entries with a NS prefix are novel soybean varieties that are emerging from both the public and private sectors. Some of these value-added soybean types will supply relatively small market niches, while others may be of much broader market value.
Testing novel soybeans will enable producers to assess whether premiums for a given trait offset possible yield lag/drag.

EXP Entries with an EXP prefix are varieties that are still under development or soon to be released.

A Within a maturity group, shaded yields are not significantly different (0.10 level) from the highest yielding cultivar (bold data) of that maturity group and year column.

Table 7. 2008 Fayette County (UK) Full-Season Variety Test.

TYPE		BRAND — VARIETY	YIELD (BU/AC)[A] 2008	07-08	06-08	LODGING 2008	PLANT HEIGHT (INCHES) 2008	MATURITY DATE[B] 2008
		MATURITY GROUP II-III (RELATIVE MG 2.7-3.9)						
	*	SEED CONSULTANTS SCS 9398RR	**49.9**			1.3	34	9/22
~	*	EBBERTS 3386	49.7	**55.1**		1.3	35	9/21
	*	PIONEER 93Y20	47.2			1.0	28	9/10
	*	SOUTHERN CROSS LUCAS 3.8 N, RR	46.2	53.1		1.3	32	9/16
	*	SOUTHERN STATES RT 3971N	46.0	54.1		1.0	31	9/21
NS		ASGROW AG36-22V (low linolenic)	45.1			1.0	28	9/15
	*	ASGROW AG3803	44.7	54.3		1.0	26	9/15
~	*	PORTER HYBRIDS PH 4385N	44.7			1.3	29	9/13
	*	ARMOR ARX938	44.3			1.0	27	9/15
	*	SOUTHERN STATES RT 3871N	44.3	52.6		1.0	32	9/23
		HORNBECK HBK R3927	43.3	53.9		2.0	35	9/29
	*	NK BRAND S39-A3	42.3	54.5		1.0	29	9/14
	*	BECK 364NRR	41.6			1.3	31	9/15
	*	EBBERTS 1365RR	41.4	53.4	**54.8**	1.3	31	9/12
	*	BECK 399NRR	41.4	50.6		1.0	31	9/21
	*	SEED CONSULTANTS SC 9389RR	40.8			1.0	28	9/14
~	*	PORTER HYBRIDS PH 4360N	40.6			1.3	34	9/16
	*	ASGROW AG3603	40.1	51.1		1.0	29	9/14
	*	EBBERTS 1378RR	39.9	51.1		1.0	31	9/14
~		PIONEER 93B82	39.9	47.9		1.5	29	9/15
	*	NK BRAND S37-P5	39.8	49.8		1.0	27	9/12
~NS	*	SCHILLINGER SEED 397.TCL (low linolenic)	39.8	49.3		1.0	28	9/16
	*	CROW'S C3916R	38.8	51.0		1.0	29	9/14
NS	*	ASGROW AG3121V (low linolenic)	38.8	45.5		1.0	29	9/8
	*	NK BRAND S38-D5	38.6	49.4		1.0	26	9/11
	*	VIGORO V37N8RR	38.5			1.0	27	9/15
	*	ASGROW AG3705	37.8	48.7	53.2	1.0	27	9/17
	*	ARMOR 38-G2	37.3			1.8	31	9/19
	*	DYNA-GRO 32X39	37.3			1.0	29	9/19
NS	*	ASGROW AG35-21V (low linolenic)	37.1	47.0		1.0	27	9/13
	*	PROGENY P3906 RR	37.0			1.0	29	9/21
~NS		IA3027 (large seed, high protein)	36.9	40.9	44.4	1.0	24	9/8
	*	SEED CONSULTANTS SC 9386RR	36.7	48.0	51.6	1.5	33	9/11
	*	VIGORO V39N9RR	36.1			1.0	28	9/16
NS		DAIRYLAND DST37-000-UL (low linolenic)	35.9			1.3	32	9/13
		SOUTHERN STATES RT 3860	35.6	49.8	53.8	1.0	28	9/13
	*	ASGROW AG3906	35.3	48.2	52.4	1.0	27	9/17
NS		ASGROW DKB31-22V (low linolenic)	35.1			1.0	22	9/5
NS	*	ASGROW AG2822V (low linolenic)	34.8	46.9		1.0	24	9/11
~NS		IA3041 (low linolenic)	33.4			1.0	25	9/7
~NS		IA3026 (low saturates)	33.3			1.0	29	9/8
~NS		IA3024 (low linolenic)	33.1	46.6		1.0	26	9/6
	*	EBBERTS 1386RR	32.9	43.9	50.2	1.3	32	9/8
NS		DAIRYLAND DST37-001-UL (low linolenic)	32.5			1.0	29	9/12
NS	*	ASGROW AG2921V (low linolenic)	31.9	41.9		1.0	23	9/4
~		SEED CONSULTANT SC 388	31.6			1.5	30	9/9
~NS		IA3025 (low linolenic)	30.8	37.7		1.0	27	9/9
~NS		IA3036 (mid oleic)	28.9			1.0	28	9/8
		GROUP III AVERAGE	38.9	49.1	51.5	1.1	29	9/14
		LSD (0.10)	4.9	3.7	2.8	0.3	2	

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Table 7. 2008 Fayette County (UK) Full-Season Variety Test.

TYPE		BRAND — VARIETY	YIELD (BU/AC)[A] 2008	07-08	06-08	LODGING 2008	PLANT HEIGHT (INCHES) 2008	MATURITY DATE[B] 2008
		MATURITY GROUP EARLY IV (RELATIVE MG 4.0-4.5)						
	*	ASGROW AG4303	**48.0**			1.0	25	9/17
	*	PROGENY P4206 RR	45.9	55.4		1.0	30	9/20
~	*	PORTER HYBRIDS PH 4419N	45.7			1.0	29	9/12
	*	VIGORO V42N9RS	44.9			1.0	28	9/19
	*	DELTA GROW 4470 RR/STS	44.0	55.9		1.0	27	9/21
	*	VIGORO V44N9RS	43.9			1.0	27	9/17
	*	PIONEER 94M50	43.5	54.0	**56.5**	1.0	30	9/17
	*	CROW'S C4119R	43.5			1.0	29	9/17
	*	ASGROW AG4005	43.2			1.0	31	9/17
	*	TRISOY 4586RR(CN)	42.7			1.0	28	9/16
	*	SOUTHERN STATES RT 4451N	42.5	51.7	52.7	1.0	33	9/24
	*	SEED CONSULTANTS SC 9419RR	42.2			1.0	27	9/16
	*	CAVERNDALE CF 410 RR/STSn	42.2	51.4		1.0	29	9/17
	*	SOUTHERN STATES RT 4470N	42.1	**56.1**		1.0	26	9/18
	*	SOUTHERN CROSS LOT 4.1 N, RR, STS	41.9			1.0	28	9/19
	*	SEED CONSULTANTS SC 9408RR	41.8			1.0	28	9/16
	*	NK BRAND S44-D5	41.4	53.7		1.0	30	9/16
~NS	*	SCHILLINGER SEED 428 F.HPC (high protein)	41.2			1.0	32	9/17
~	*	SOUTHERN CROSS BENJAMIN 4.3 N	41.0			1.0	30	9/16
	*	PIONEER 94Y01	40.6			1.3	34	9/20
	*	SCHILLINGER SEED 457.RCP	40.6	49.0		2.0	37	9/24
	*	ARMOR 44-K6	40.4			1.0	25	9/15
	*	DELTA GROW 4150 RR	40.4	51.2	54.6	1.0	30	9/26
	*	CAVERNDALE CF 422 RR/STSn	40.3	50.4	52.3	1.0	29	9/16
	*	TRISOY 4184RR(CN)	40.1			1.0	27	9/16
	*	ASGROW AG4404	39.8	49.9	51.4	1.0	32	9/21
	*	SOUTHERN STATES RT 4551N	39.7	48.4	49.7	1.3	35	9/22
	*	SOUTHERN CROSS CALEB 4.4 N, RR, STS	39.7	52.1		1.0	27	9/18
	*	ASGROW DKB42-51	39.6	51.6	56.2	1.0	29	9/14
	*	SEED CONSULTANTS SCS 9448RR	39.6			1.5	33	9/16
	*	NK BRAND S43-N6	39.4			1.0	31	9/14
	*	SOUTHERN STATES RT 4370N	39.4	47.9		1.8	35	9/20
	*	PIONEER 94Y20	39.2			1.3	33	9/17
EXP	*	SEED CONSULTANTS EXP 4242RR	39.2			1.0	30	9/20
~NS	*	SCHILLINGER SEED 448 F.HPC (high protein)	39.1			1.0	30	9/19
	*	ARMOR 42-M1	39.1			1.0	26	9/23
	*	BECK 422NRR	39.0	48.5	51.8	1.0	30	9/17
~	*	SCHILLINGER SEED 447.TC	38.9			1.0	32	9/20
	*	CAVERNDALE CF 447 RR/STSn	38.7	51.2		1.0	26	9/16
	*	DYNA-GRO 33A40	38.6			1.3	32	9/17
	*	L&M GLICK 843RR	38.6			1.0	30	9/21
	*	DYNA-GRO 38C42	38.5	50.4		1.0	30	9/20
	*	STEYER 4040RR	38.5	52.8		1.5	31	9/19
~NS		SCHILLINGER SEED 446 F.HP (high protein)	38.1	43.7		1.0	32	9/16
	*	DYNA-GRO 35D44	38.1	51.0		1.0	32	9/20
	*	SOUTHERN CROSS JERICHO 4.2 N, RR	38.0			1.0	28	9/16
~		STEYER 434	37.2			1.0	30	9/15
EXP		PROGENY P4408 RR	37.1			1.0	25	9/16
	*	PROGENY P4405 RR	37.1	47.3		1.3	36	9/23
	*	VIGORO V40N8RS	37.0	48.8		1.0	31	9/17
	*	STEYER 4430RR	36.7	51.0		1.0	26	9/17
	*	BECK 445NRR	36.6			1.0	26	9/22
	*	DYNA-GRO 36C44	36.6			1.0	25	9/16
~	*	L&M GLICK 53	36.6			1.3	31	9/17
~NS		SCHILLINGER SEED 438.TL (low linolenic)	36.6			1.0	29	9/16
		HORNBECK HBK R4527	35.7	42.7		1.8	37	9/28
EXP		PROGENY P4508 RR	35.6			1.0	32	9/17
	*	UNISOUTH GENETICS USG 74C36	35.6			1.3	30	9/23
	*	DAIRYLAND 4500/RRSTS	35.2			1.0	30	9/18
	*	DELTA GROW 4460 RR	35.2	46.5	49.8	1.3	35	9/20
~	*	STEYER 410	35.2			1.0	29	9/15
	*	CROW'S C4519R	35.0			1.0	28	9/18
	*	SEED CONSULTANTS SC 9459RR	35.0			1.0	29	9/18
	*	SEED CONSULTANTS SCS 9409RR	34.9			1.0	29	9/14
~	*	SCHILLINGER SEED 435.TCS	34.3			1.0	26	9/14
	*	TRISOY 4475RR(CN)	34.2			1.0	32	9/21
	*	DAIRYLAND 4300/RR	32.4			1.0	29	9/17
~NS		SCHILLINGER SEED XP44.TL (low linolenic)	32.3			1.0	27	9/12
		EARLY GROUP IV AVERAGE	39.2	50.5	52.8	1.1	30	9/18
		LSD (0.10)	4.2	4.1	3.3	0.3	2	

continued on next page

Table 7. 2008 Fayette County (UK) Full-Season Variety Test.

TYPE		BRAND — VARIETY	YIELD (BU/AC)[A] 2008	07-08	06-08	LODGING 2008	PLANT HEIGHT (INCHES) 2008	MATURITY DATE[B] 2008
		MATURITY GROUP LATE IV (RELATIVE MG 4.6-4.9)						
		ASGROW AG4903	**43.9**	50.6	54.5	1.0	32	9/30
	*	SOUTHERN STATES RT 4808N	42.6	**56.5**	**56.9**	1.3	33	9/23
	*	ASGROW AG4907	42.4			1.5	36	9/27
	*	ARMOR 48-J3	41.4	53.9		1.3	34	9/28
		DAIRYLAND 8482/RR	41.4	52.2		1.0	32	10/1
	*	ASGROW AG4705	41.0			1.8	34	9/21
	*	ASGROW AG4606	41.0			1.0	28	9/23
	*	DELTA GROW 4970 RR	41.0	46.8	51.1	1.0	36	9/28
	*	PIONEER 94M80	40.9	48.3	50.5	1.5	36	9/27
		PROGENY P4906 RR	40.9	47.6		1.0	31	9/27
	*	PIONEER 94Y70	40.8			1.3	35	9/22
	*	VIGORO V47N9RS	40.6			1.0	30	9/23
	*	ASGROW DKB46-51	40.5	51.4	54.0	1.0	32	9/28
		DELTA GROW 4870 RR	40.3			1.0	31	9/27
	*	STEYER 4620RR	40.0			1.0	33	9/23
EXP	*	NK BRAND XR4881	39.9			1.0	28	9/25
	*	CROW'S C4820R	39.8			1.0	29	9/23
	*	NK BRAND S49-Q9	39.5	45.2	48.6	1.3	33	9/26
	*	ASGROW AG4605	39.3	50.5		1.0	27	9/21
	*	SEED CONSULTANTS SCS 9479RR	39.0			1.0	31	9/22
	*	DELTA GROW 4780 RR	39.0	51.0		1.0	32	9/25
	*	UNISOUTH GENETICS USG 74A76	38.7	51.8	54.9	1.0	32	9/21
	*	BECK 474NRR	38.6			1.0	30	9/28
	*	ASGROW AG4703	38.5	51.0	53.1	1.0	27	9/23
	*	NK BRAND S47-D9	38.1	52.9		1.0	28	9/28
	*	SOUTHERN STATES RT 4777N	38.1	52.7	54.0	1.0	33	9/27
	*	PIONEER 94Y60	38.1			1.0	28	9/22
	*	PROGENY P4908 RR	38.1			1.0	30	10/2
	*	UNISOUTH GENETICS USG 74G78	38.0			1.0	27	9/24
	*	ARMOR ARX4717	37.9			1.0	29	9/22
		DELTA GROW 4975 LARR	37.8	48.7		1.0	28	9/27
	*	SEED CONSULTANTS SC 9468RR	37.8	51.5		1.0	28	9/22
	*	SOUTHERN STATES RT 4760N	37.8	46.5	50.5	1.0	32	9/23
~	*	SCHILLINGER SEED 477.TCS	37.7			1.3	27	9/21
	*	PROGENY P4606 RR	37.6	53.3		1.0	26	9/22
	*	CAVERNDALE CF 470 RR/STSn	37.6	52.5		1.0	27	9/26
	*	PROGENY P4718 RR	37.5			1.5	28	9/27
	*	SCHILLINGER SEED 495.RC	37.5	48.8	51.9	1.3	33	10/1
	*	VIGORO V49N6RR	37.2	47.0	52.4	1.0	34	9/30
	*	HORNBECK HBK R4924	36.8	49.7	52.4	1.0	33	9/30
	*	SOUTHERN CROSS RUFUS 4.7 N, RR, STS	36.8			1.0	28	9/22
	*	PROGENY P4918 RR	36.8			1.0	32	9/25
	*	NK BRAND S45-E5	36.7			1.0	35	9/21
	*	ARMOR 47-F8	36.5	50.6		1.0	28	9/23
	*	UNISOUTH GENETICS USG 7484nRR	36.5			1.0	30	9/25
	*	VIGORO V48N7RS	36.5	49.4		1.0	27	9/28
	*	TRISOY 4760RR(CN)	36.4	48.5		1.0	28	9/22
	*	DELTA GROW 4770 RR	36.3	50.7		1.0	33	9/21
		PROGENY P4949 RR	36.2	51.7		1.0	31	9/26
	*	SOUTHERN STATES RT 4888N	36.2			1.0	31	9/26
	*	PIONEER 94Y90	35.6			1.0	33	9/29
	*	SOUTHERN CROSS GALILEE 4.7 N, RR	35.5	49.8		1.0	31	9/25
~P		PENNYRILE (long term check-released 1987)	35.2	43.5		1.0	35	9/21
	*	DELTA GROW 4840 RR	34.9	51.6	53.9	1.0	30	9/25
	*	SOUTHERN CROSS ELI 4.7 N, RR, STS	34.8	51.3	54.8	1.0	26	9/26
	*	STINE 4782-4	34.8	50.2	54.5	1.0	28	9/26
~NS		KS4607 (high protein)	34.7	47.0		1.0	29	9/17
	*	PROGENY P4807 RR	34.6	47.3		1.0	31	9/20
	*	PROGENY P4706 RR	34.4	46.7		1.3	32	9/21
	*	VIGORO V47N8RR	33.8			1.0	31	9/20
	*	HORNBECK HBK R4727	33.1	49.4		1.0	30	9/24
	*	SOUTHERN STATES RT 4996N	33.1	46.9	52.0	1.0	31	9/20
EXP	*	DAIRYLAND 47-001/RR	32.5	42.8		1.0	28	9/26
	*	SOUTHERN CROSS HIRAM 4.9 N, RR	31.0	45.5		1.0	27	9/26
	*	SCHILLINGER SEED 478.RCS	30.6			1.0	29	9/27
	*	UNISOUTH GENETICS USG 74T98	30.4			2.0	34	10/10
		LATE GROUP IV AVERAGE	37.5	49.6	52.9	1.1	30	9/25
		LSD (0.10)	4.1	4.6	3.6	0.3	3	

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Table 7. 2008 Fayette County (UK) Full-Season Variety Test.

TYPE		BRAND — VARIETY	YIELD (BU/AC)[A] 2008	07-08	06-08	LODGING 2008	PLANT HEIGHT (INCHES) 2008	MATURITY DATE[B] 2008
		MATURITY GROUP V						
~		UNISOUTH GENETICS USG 5002T	**38.1**	**43.6**	**48.8**	1.8	32	10/14
	*	DAIRYLAND 8509/RR	37.8	41.6		1.3	35	9/30
	*	DELTA GROW 5170 RR	36.6			1.0	26	9/29
~P	*	KS5004N	35.9			2.0	37	10/13
~P		TEEJAY	35.0	40.6	46.2	1.3	36	10/17
~		UNISOUTH GENETICS USG 5601T	34.4	37.9	46.1	1.5	38	10/17
	*	PROGENY P5107 RR	34.3	35.3		1.3	32	10/7
	*	STINE 5482-4	33.9	41.2		1.0	32	10/20
	*	DAIRYLAND 8512/RR	33.0			1.3	33	10/12
	*	PROGENY P5108 RR	32.7			1.0	31	10/7
~P		ESSEX (long term check-released 1974)	32.3	37.0		1.8	32	10/11
	*	DELTA GROW 5470 RR	32.0	33.6		1.0	34	10/12
	*	ARMOR 53-Z5	30.6			1.3	30	10/15
~P		JAKE	30.6	38.3	44.1	1.3	37	frost killed
	*	PROGENY P5208 RR	30.6			1.0	30	10/5
~P		V98-2711	30.3			1.8	32	10/18
	*	PROGENY P5115 RR	30.0	36.2		1.0	32	10/2
	*	PROGENY P5218 RR	29.9			2.3	37	10/20
EXP-NS		V01-1702 (3.5% linolenic)	29.2			1.3	35	frost killed
	*	PROGENY P5408 RR	28.9			1.8	36	10/20
	*	DELTA GROW 5160 RR/STS	28.6	42.3	48.3	1.0	30	9/27
	*	DELTA GROW 5300 RR	28.4	32.3		2.0	37	10/20
~		HORNBECK HBK C4926	28.4			1.0	32	10/10
		UNISOUTH GENETICS USG ALLEN	28.2	32.4	40.5	1.8	37	frost killed
	*	DELTA GROW 5450 RR	28.1			1.3	34	frost killed
	*	SOUTHERN CROSS DAMASCUS 5.0 N, RR, STS	28.0	37.2	44.6	1.3	30	9/25
	*	SOUTHERN STATES RT 5160N	27.8	33.3	40.4	1.8	37	10/20
	*	UNISOUTH GENETICS USG 75J47	27.6	36.5		1.3	35	frost killed
	*	SCHILLINGER SEED 557.RC	27.3			1.5	36	frost killed
	*	SOUTHERN STATES RT 5540N	26.9	33.7	40.1	2.0	42	10/20
EXP-NS		V01-1693 (3.5% linolenic)	26.9			1.5	34	10/20
	*	PIONEER 95Y20	26.4			1.0	34	frost killed
	*	PROGENY P5308 RR	25.3			1.0	33	10/19
	*	DELTA KING DK52K6	24.6	32.2	39.3	2.0	36	frost killed
~		PROGENY P5770	24.4			2.0	38	frost killed
	*	UNISOUTH GENETICS USG 75J32	23.1	30.0	39.1	1.3	35	frost killed
		GROUP V AVERAGE	30.1	36.6	43.4	1.4	34	10/12
		LSD (0.10)	3.8	4.2	3.2	0.3	2	
		GRAND MEAN	37.1	47.5	50.3	1.1	30.3	

~ Variety is not Roundup Ready. All varieties without a tilda (~) prefix are Roundup Ready.

* Resistant to soybean cyst nematode. See Table 3. Company Disease Resistance Specifications for details.

P Entries with a P prefix are public varieties.

NS Entries with a NS prefix are novel soybean varieties that are emerging from both the public and private sectors. Some of these value-added soybean types will supply relatively small market niches, while others may be of much broader market value. Testing novel soybeans will enable producers to assess whether premiums for a given trait offset possible yield lag/drag.

EXP Entries with an EXP prefix are varieties that are still under development or soon to be released.

A Within a maturity group, shaded yields are not significantly different (0.10 level) from the highest yielding cultivar (bold data) of that maturity group and year column.

B Killing frost 10-20-08.

Table 8. 2008 Hancock County Full-Season Variety Test.

TYPE		BRAND — VARIETY	YIELD (BU/AC)[A] 2008	07-08	06-08	LODGING 2008
		MATURITY GROUP II-III (RELATIVE MG 2.7-3.9)				
	*	NK BRAND S37-P5	**42.9**	38.1		2.0
	*	EBBERTS 1386RR	41.5	36.6	47.8	2.3
	*	SEED CONSULTANTS SCS 9398RR	40.5			1.3
	*	PIONEER 93Y20	40.3			2.0
NS	*	ASGROW AG3121V (low linolenic)	39.9	38.4		2.3
	*	ASGROW AG3705	39.4	38.3	**49.0**	1.3
	*	EBBERTS 1365RR	39.2	**39.7**	48.1	2.0
	*	VIGORO V37N8RR	38.9			1.0
	*	BECK 364NRR	38.4			1.0
~	*	EBBERTS 3386	38.2	34.7		2.0
	*	SEED CONSULTANTS SC 9389RR	37.9			1.0
	*	NK BRAND S39-A3	37.8	35.4		1.0
	*	ASGROW AG3803	37.6	34.8		1.0
	*	DYNA-GRO 32X39	37.2			1.5
	*	ARMOR ARX938	36.5			1.0
	*	CROW'S C3916R	36.2	34.4		1.0
	*	NK BRAND S38-D5	36.2	33.6		1.0
NS	*	ASGROW AG2822V (low linolenic)	36.2	35.3		1.3
~	*	PORTER HYBRIDS PH 4385N	36.0			1.8
		SOUTHERN STATES RT 3860	35.7	32.6	41.8	1.0
	*	BECK 399NRR	35.4	32.3		1.3
	*	EBBERTS 1378RR	35.4	34.9		1.5
NS	*	ASGROW AG2921V (low linolenic)	35.4	33.8		1.0
	*	ASGROW AG3603	35.2	33.0		1.0
~NS		IA3041 (low linolenic)	35.2			1.0
NS		DAIRYLAND DST37-001-UL (low linolenic)	35.1			1.8
	*	SOUTHERN CROSS LUCAS 3.8 N, RR	34.9	33.7		1.0
	*	SOUTHERN STATES RT 3871N	34.7	30.4		1.0
NS		ASGROW DKB31-22V (low linolenic)	34.7			1.0
	*	SOUTHERN STATES RT 3971N	34.5	31.8		1.3
NS		ASGROW AG36-22V (low linolenic)	34.4			1.0
~NS	*	SCHILLINGER SEED 397.TCL (low linolenic)	34.1	32.2		1.0
NS	*	ASGROW AG35-21V (low linolenic)	34.0	34.2		1.0
	*	ASGROW AG3906	33.8	31.7	40.4	1.3
	*	VIGORO V39N9RR	33.2			1.5
NS		DAIRYLAND DST37-000-UL (low linolenic)	33.1			1.8
	*	ARMOR 38-G2	33.1			1.3
~		PIONEER 93B82	33.0	31.0		1.0
		HORNBECK HBK R3927	32.6	29.3		2.0
~	*	PORTER HYBRIDS PH 4360N	32.4			1.5
~NS		IA3024 (low linolenic)	31.8	29.7		1.3
	*	SEED CONSULTANTS SC 9386RR	31.4	31.7	42.4	2.5
~NS		IA3026 (low saturates)	31.4			2.0
	*	PROGENY P3906 RR	30.2			1.3
~NS		IA3036 (mid oleic)	29.8			1.5
~		SEED CONSULTANT SC 388	28.9			1.3
~NS		IA3027 (large seed, high protein)	27.4	23.3	26.8	1.0
~NS		IA3025 (low linolenic)	27.3	22.9		1.3
		GROUP III AVERAGE	35.2	33.1	42.3	1.4
		LSD (0.10)	4.7	2.9	3.0	0.4

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Table 8. 2008 Hancock County Full-Season Variety Test.

TYPE		BRAND — VARIETY	YIELD (BU/AC)[A] 2008	07-08	06-08	LODGING 2008
		MATURITY GROUP EARLY IV (RELATIVE MG 4.0-4.5)				
	*	PIONEER 94Y01	**45.5**			2.0
	*	SOUTHERN STATES RT 4470N	42.7	**34.9**		1.0
	*	TRISOY 4184RR(CN)	42.4			1.0
	*	CAVERNDALE CF 447 RR/STSn	41.7	34.8		1.0
	*	NK BRAND S44-D5	41.1	33.2		1.3
	*	VIGORO V44N9RS	40.4			1.0
	*	CAVERNDALE CF 410 RR/STSn	40.0	33.7		1.0
	*	ASGROW AG4303	39.9			1.0
	*	CAVERNDALE CF 422 RR/STSn	39.7	32.7	43.1	1.0
~	*	PORTER HYBRIDS PH 4419N	39.6			1.0
	*	DELTA GROW 4460 RR	39.5	32.9	40.8	1.8
	*	SEED CONSULTANTS SCS 9448RR	39.3			1.5
EXP	*	SEED CONSULTANTS EXP 4242RR	39.1			1.0
	*	STEYER 4430RR	39.1	31.5		1.8
	*	PIONEER 94Y20	39.0			1.5
	*	SOUTHERN CROSS JERICHO 4.2 N, RR	38.9			1.0
	*	ASGROW AG4005	38.8			1.0
	*	TRISOY 4475RR(CN)	38.7			1.5
	*	SOUTHERN STATES RT 4370N	38.6	30.9		2.0
	*	DELTA GROW 4150 RR	38.2	32.9	**44.3**	2.0
	*	DYNA-GRO 35D44	38.2	34.1		1.5
	*	SOUTHERN CROSS CALEB 4.4 N, RR, STS	38.2	32.5		1.0
	*	TRISOY 4586RR(CN)	37.8			1.0
	*	CROW'S C4119R	37.8			1.0
	*	PROGENY P4206 RR	37.6	33.6		1.0
~	*	SOUTHERN CROSS BENJAMIN 4.3 N	37.5			1.0
	*	SOUTHERN CROSS LOT 4.1 N, RR, STS	37.3			1.0
	*	SEED CONSULTANTS SC 9419RR	37.2			1.0
	*	NK BRAND S43-N6	37.1			1.0
	*	BECK 445NRR	36.9			1.0
	*	DYNA-GRO 38C42	36.8	32.0		1.3
	*	SEED CONSULTANTS SC 9408RR	36.5			1.0
	*	VIGORO V42N9RS	36.4			1.0
~NS	*	SCHILLINGER SEED 448 F.HPC (high protein)	36.4			1.3
	*	DYNA-GRO 33A40	36.3			1.3
	*	BECK 422NRR	36.1	30.7	41.4	1.5
	*	SEED CONSULTANTS SC 9459RR	36.1			2.0
	*	CROW'S C4519R	36.0			1.5
EXP		PROGENY P4508 RR	36.0			1.5
		HORNBECK HBK R4527	35.9	29.1		2.0
	*	ARMOR 44-K6	35.9			1.0
EXP		PROGENY P4408 RR	35.5			1.0
	*	DELTA GROW 4470 RR/STS	35.4	31.3		1.8
	*	ASGROW AG4404	35.2	28.4	38.9	1.3
	*	SEED CONSULTANTS SCS 9409RR	35.1			1.3
	*	DYNA-GRO 36C44	34.9			1.0
	*	PIONEER 94M50	34.8	32.2	43.2	1.0
	*	STEYER 4040RR	34.8	31.4		1.8
	*	DAIRYLAND 4500/RRSTS	34.8			1.5
	*	ASGROW DKB42-51	34.6	27.8	40.1	1.5
~	*	STEYER 410	34.6			2.5
	*	SOUTHERN STATES RT 4551N	34.6	31.6	40.8	2.3
~	*	SCHILLINGER SEED 447.TC	34.2			1.3
	*	PROGENY P4405 RR	34.0	29.8		2.0
~		STEYER 434	33.6			1.3
	*	ARMOR 42-M1	33.5			1.0
	*	SOUTHERN STATES RT 4451N	33.1	30.4	39.3	1.8
	*	DAIRYLAND 4300/RR	33.0			2.0
~NS		SCHILLINGER SEED 438.TL (low linolenic)	32.3			1.0
~NS		SCHILLINGER SEED 446 F.HP (high protein)	32.1	28.7		1.3
	*	VIGORO V40N8RS	31.3	32.5		1.8
	*	L&M GLICK 843RR	31.3			2.3
	*	SCHILLINGER SEED 457.RCP	30.8	27.3		1.8
~	*	SCHILLINGER SEED 435.TCS	30.7			1.0
~NS		SCHILLINGER SEED XP44.TL (low linolenic)	29.7			1.5
	*	UNISOUTH GENETICS USG 74C36	29.2			2.0
~NS	*	SCHILLINGER SEED 428 F.HPC (high protein)	29.2			2.3
~	*	L&M GLICK 53	28.8			2.3
		EARLY GROUP IV AVERAGE	36.3	31.6	41.3	1.4
		LSD (0.10)	4.6	3.0	2.9	0.4

Table 8. 2008 Hancock County Full-Season Variety Test.

TYPE		BRAND — VARIETY	YIELD (BU/AC)[A] 2008	07-08	06-08	LODGING 2008
		MATURITY GROUP LATE IV (RELATIVE MG 4.6-4.9)				
	*	ASGROW AG4606	**45.2**			1.5
	*	ASGROW DKB46-51	44.1	33.2	43.7	1.3
	*	ARMOR 48-J3	43.3	**36.4**		1.3
	*	VIGORO V47N9RS	41.6			1.0
	*	UNISOUTH GENETICS USG 74A76	41.4	34.1	**44.7**	1.5
		DELTA GROW 4975 LARR	41.2	31.9		1.5
	*	NK BRAND S49-Q9	40.9	32.6	41.8	2.0
	*	SOUTHERN STATES RT 4996N	40.2	34.3	44.2	2.0
	*	PIONEER 94Y70	39.3			2.0
	*	ASGROW AG4605	39.0	29.4		1.0
	*	ASGROW AG4705	38.8			2.0
	*	CROW'S C4820R	38.7			1.3
	*	DELTA GROW 4970 RR	38.4	33.3	42.5	2.5
	*	SOUTHERN CROSS RUFUS 4.7 N, RR, STS	38.1			1.0
	*	PROGENY P4706 RR	38.0	33.6		1.8
	*	SEED CONSULTANTS SCS 9479RR	37.9			1.3
	*	UNISOUTH GENETICS USG 7484nRR	37.7			1.5
	*	HORNBECK HBK R4727	37.7	29.2		1.5
	*	STEYER 4620RR	37.4			1.0
	*	PROGENY P4606 RR	37.1	32.1		1.0
	*	ASGROW AG4907	37.0			1.8
		PROGENY P4906 RR	36.9	31.1		1.8
	*	SOUTHERN STATES RT 4888N	36.8			1.3
	*	PROGENY P4908 RR	36.7			1.8
	*	CAVERNDALE CF 470 RR/STSn	36.7	31.5		1.0
	*	NK BRAND S47-D9	36.6	36.4		1.0
		ASGROW AG4903	36.5	30.4	40.9	1.3
	*	SCHILLINGER SEED 495.RC	36.5	34.3	42.7	2.5
	*	PIONEER 94Y60	36.4			1.0
EXP	*	NK BRAND XR4881	36.4			1.0
	*	UNISOUTH GENETICS USG 74G78	36.1			1.0
	*	VIGORO V49N6RR	35.9	32.5	42.1	2.0
	*	PROGENY P4918 RR	35.8			2.0
	*	STINE 4782-4	35.8	29.5	40.6	1.0
~P		PENNYRILE (long term check-released 1987)	35.7	28.0		1.5
	*	VIGORO V47N8RR	34.9			1.3
	*	VIGORO V48N7RS	34.8	32.5		1.0
		DELTA GROW 4870 RR	34.8			1.8
	*	DELTA GROW 4770 RR	34.7	30.5		2.0
	*	SOUTHERN CROSS GALILEE 4.7 N, RR	34.7	30.7		1.3
	*	ARMOR 47-F8	34.7	30.4		1.0
	*	BECK 474NRR	34.6			1.0
	*	SEED CONSULTANTS SC 9468RR	34.5	27.2		1.0
	*	SOUTHERN STATES RT 4808N	34.3	30.2	40.9	1.5
	*	HORNBECK HBK R4924	34.3	32.1	40.6	2.0
	*	ASGROW AG4703	34.2	30.3	43.0	1.0
	*	SOUTHERN STATES RT 4777N	34.2	31.2	43.9	1.5
		DAIRYLAND 8482/RR	34.1	27.8		1.8
	*	SOUTHERN STATES RT 4760N	34.0	29.9	40.7	2.0
	*	DELTA GROW 4840 RR	33.9	28.7	37.2	1.3
	*	PROGENY P4807 RR	33.8	28.1		1.5
	*	ARMOR ARX4717	33.7			1.0
	*	PROGENY P4718 RR	33.2			1.0
		PROGENY P4949 RR	33.0	30.9		2.3
EXP	*	DAIRYLAND 47-001/RR	32.9	26.8		1.8
	*	UNISOUTH GENETICS USG 74T98	32.7			2.8
	*	PIONEER 94M80	32.7	26.3	35.8	1.3
~	*	SCHILLINGER SEED 477.TCS	32.7			1.0
	*	TRISOY 4760RR(CN)	32.5	25.3		1.0
	*	DELTA GROW 4780 RR	32.5	28.1		1.5
	*	SOUTHERN CROSS ELI 4.7 N, RR, STS	31.6	28.6	42.2	1.0
	*	SCHILLINGER SEED 478.RCS	31.2			1.3
	*	SOUTHERN CROSS HIRAM 4.9 N, RR	30.5	27.0		1.5
	*	PIONEER 94Y90	30.2			2.0
	*	NK BRAND S45-E5	29.9			1.5
~NS		KS4607 (high protein)	28.3	21.1		1.0
		LATE GROUP IV AVERAGE	35.9	30.4	41.6	1.5
		LSD (0.10)	4.2	3.7	3.2	0.4

Table 8. 2008 Hancock County Full-Season Variety Test.

TYPE		BRAND — VARIETY	YIELD (BU/AC)[A] 2008	07-08	06-08	LODGING 2008
		MATURITY GROUP V				
~P	*	KS5004N	**35.8**			2.0
	*	STINE 5482-4	35.7	30.7		2.0
	*	DAIRYLAND 8509/RR	35.5	31.2		2.3
	*	PROGENY P5115 RR	34.3	31.5		2.3
	*	SCHILLINGER SEED 557.RC	34.3			2.0
	*	SOUTHERN CROSS DAMASCUS 5.0 N, RR, STS	34.2	**32.4**	**43.2**	2.0
	*	DELTA GROW 5160 RR/STS	34.1	30.5	40.6	2.0
	*	PROGENY P5208 RR	33.8			2.0
	*	DELTA GROW 5170 RR	33.1			1.0
	*	UNISOUTH GENETICS USG 75J47	32.2	28.1		2.0
~P		TEEJAY	32.1	29.1	36.9	2.3
	*	PROGENY P5218 RR	31.9			2.3
	*	DAIRYLAND 8512/RR	31.3			2.0
	*	PIONEER 95Y20	30.9			2.0
	*	PROGENY P5108 RR	30.7			1.8
	*	PROGENY P5408 RR	30.7			2.0
	*	ARMOR 53-Z5	30.7			2.0
	*	PROGENY P5107 RR	30.3	24.9		2.8
~		UNISOUTH GENETICS USG 5601T	30.2	30.0	38.1	2.0
	*	DELTA GROW 5300 RR	30.0	28.1		2.3
~P		V98-2711	29.8			2.0
	*	UNISOUTH GENETICS USG 75J32	29.7	27.0	38.2	2.0
EXP-NS		V01-1702 (3.5% linolenic)	29.4			2.0
	*	SOUTHERN STATES RT 5160N	29.0	28.4	39.8	2.0
EXP-NS		V01-1693 (3.5% linolenic)	28.7			2.3
	*	PROGENY P5308 RR	28.7			2.0
	*	DELTA GROW 5470 RR	28.6	28.6		2.0
~P		JAKE	28.4	28.6	38.6	2.0
	*	DELTA GROW 5450 RR	28.1			2.0
~		UNISOUTH GENETICS USG 5002T	27.7	25.6	36.4	2.0
	*	SOUTHERN STATES RT 5540N	26.2	24.2	34.5	2.0
~		PROGENY P5770	26.0			2.5
	*	DELTA KING DK52K6	25.9	25.6	36.6	2.0
~P		ESSEX (long term check-released 1974)	25.5	25.5		2.0
		UNISOUTH GENETICS USG ALLEN	24.6	25.0	36.3	2.0
~		HORNBECK HBK C4926	24.6			2.0
		GROUP V AVERAGE	30.3	28.2	38.1	2.0
		LSD (0.10)	2.8	3.0	3.0	0.2
		GRAND MEAN	34.9	31.0	40.8	1.5

~ Variety is not Roundup Ready. All varieties without a tilda (~) prefix are Roundup Ready.

* Resistant to soybean cyst nematode. See Table 3. Company Disease Resistance Specifications for details.

P Entries with a P prefix are public varieties.

NS Entries with a NS prefix are novel soybean varieties that are emerging from both the public and private sectors. Some of these value-added soybean types will supply relatively small market niches, while others may be of much broader market value.
Testing novel soybeans will enable producers to assess whether premiums for a given trait offset possible yield lag/drag.

EXP Entries with an EXP prefix are varieties that are still under development or soon to be released.

A Within a maturity group, shaded yields are not significantly different (0.10 level) from the highest yielding cultivar (bold data) of that maturity group and year column.

Table 9. 2008 Warren County (WKU) Full-Season Variety Test.

TYPE		BRAND — VARIETY	YIELD (BU/AC)[A] 2008	LODGING 2008
		MATURITY GROUP II-III (RELATIVE MG 2.7-3.9)		
	*	SOUTHERN STATES RT 3871N	**57.5**	1.5
	*	NK BRAND S38-D5	55.2	1.0
	*	NK BRAND S39-A3	54.9	1.5
~NS		IA3026 (low saturates)	54.9	3.0
	*	DYNA-GRO 32X39	54.3	1.8
		PROGENY P3906 RR	54.3	2.0
	*	VIGORO V37N8RR	52.1	1.3
NS		ASGROW AG36-22V (low linolenic)	51.7	1.0
~		PIONEER 93B82	51.1	2.0
	*	SOUTHERN CROSS LUCAS 3.8 N, RR	50.8	1.5
	*	ASGROW AG3603	50.6	1.0
		HORNBECK HBK R3927	50.5	2.5
	*	ASGROW AG3803	50.3	1.8
	*	BECK 399NRR	50.0	1.5
	*	ARMOR ARX938	49.9	1.5
		SOUTHERN STATES RT 3860	49.6	1.0
NS	*	ASGROW AG2921V (low linolenic)	49.4	1.0
NS	*	ASGROW AG3121V (low linolenic)	49.4	2.0
	*	SOUTHERN STATES RT 3971N	49.1	1.0
~	*	PORTER HYBRIDS PH 4360N	48.8	2.0
	*	SEED CONSULTANTS SC 9389RR	48.1	1.5
	*	ASGROW AG3906	47.9	1.0
~NS		IA3024 (low linolenic)	47.9	1.8
NS	*	ASGROW AG35-21V (low linolenic)	47.4	1.0
	*	NK BRAND S37-P5	47.2	2.0
NS		ASGROW DKB31-22V (low linolenic)	47.0	1.3
~NS	*	SCHILLINGER SEED 397.TCL (low linolenic)	46.7	1.0
	*	BECK 364NRR	46.4	1.5
	*	CROW'S C3916R	46.4	1.5
	*	PIONEER 93Y20	46.2	2.0
~NS		IA3036 (mid oleic)	46.0	2.5
	*	EBBERTS 1378RR	45.8	1.5
	*	SEED CONSULTANTS SCS 9398RR	45.7	1.5
	*	ARMOR 38-G2	45.7	1.8
	*	ASGROW AG3705	45.6	1.0
	*	VIGORO V39N9RR	45.4	1.0
~	*	EBBERTS 3386	45.3	2.0
NS		DAIRYLAND DST37-000-UL (low linolenic)	44.6	2.0
	*	EBBERTS 1365RR	44.5	1.8
~NS		IA3027 (large seed, high protein)	44.0	1.0
~		SEED CONSULTANT SC 388	43.6	2.0
NS		DAIRYLAND DST37-001-UL (low linolenic)	43.3	2.0
NS	*	ASGROW AG2822V (low linolenic)	42.3	1.0
~	*	PORTER HYBRIDS PH 4385N	41.6	1.8
	*	EBBERTS 1386RR	40.4	1.8
	*	SEED CONSULTANTS SC 9386RR	39.9	2.0
~NS		IA3025 (low linolenic)	38.8	1.5
~NS		IA3041 (low linolenic)	34.2	2.0
		GROUP III AVERAGE	47.5	1.6
		LSD (0.10)	6.0	0.4

Table 9. 2008 Warren County (WKU) Full-Season Variety Test.

TYPE		BRAND — VARIETY	YIELD (BU/AC)[A] 2008	LODGING 2008
		MATURITY GROUP EARLY IV (RELATIVE MG 4.0-4.5)		
	*	ARMOR 42-M1	**53.9**	1.0
	*	SOUTHERN CROSS CALEB 4.4 N, RR, STS	50.0	1.0
	*	ARMOR 44-K6	49.1	1.0
EXP	*	SEED CONSULTANTS EXP 4242RR	48.7	1.0
		SOUTHERN CROSS LOT 4.1 N, RR, STS	48.4	1.5
	*	PIONEER 94Y01	48.3	1.3
	*	NK BRAND S44-D5	47.8	1.5
		PROGENY P4408 RR	47.7	1.0
	*	CAVERNDALE CF 422 RR/STSn	47.5	1.0
	*	CAVERNDALE CF 447 RR/STSn	47.5	1.0
	*	DAIRYLAND 4300/RR	47.3	1.3
	*	DYNA-GRO 38C42	47.2	1.0
	*	DYNA-GRO 33A40	46.9	1.5
	*	VIGORO V44N9RS	46.7	1.0
	*	SOUTHERN STATES RT 4551N	46.5	1.0
		SEED CONSULTANTS SC 9419RR	46.5	1.0
	*	PROGENY P4206 RR	46.5	1.3
	*	NK BRAND S43-N6	46.2	1.0
	*	ASGROW AG4404	46.1	1.3
	*	BECK 422NRR	46.0	1.0
	*	DAIRYLAND 4500/RRSTS	45.7	1.5
	*	DELTA GROW 4150 RR	45.5	1.0
	*	DELTA GROW 4460 RR	45.5	2.0
	*	BECK 445NRR	45.3	1.0
~	*	SOUTHERN CROSS BENJAMIN 4.3 N	45.3	1.0
	*	CAVERNDALE CF 410 RR/STSn	45.0	1.0
	*	SCHILLINGER SEED 457.RCP	44.9	2.3
	*	CROW'S C4119R	44.8	1.0
	*	SOUTHERN STATES RT 4370N	44.7	1.5
	*	DELTA GROW 4470 RR/STS	44.6	1.0
	*	SOUTHERN CROSS JERICHO 4.2 N, RR	44.5	1.0
~NS	*	SCHILLINGER SEED 448 F.HPC (high protein)	44.3	1.0
	*	ASGROW AG4303	44.2	1.0
	*	DYNA-GRO 35D44	44.2	1.3
	*	VIGORO V40N8RS	43.9	1.3
		PROGENY P4508 RR	43.8	1.3
	*	SEED CONSULTANTS SC 9459RR	43.7	1.3
	*	SOUTHERN STATES RT 4470N	43.6	1.0
	*	STEYER 4430RR	43.6	1.0
	*	SOUTHERN STATES RT 4451N	43.5	1.0
	*	PROGENY P4405 RR	43.3	1.5
	*	ASGROW DKB42-51	43.2	1.5
	*	L&M GLICK 843RR	43.1	1.3
	*	TRISOY 4184RR(CN)	42.9	1.0
	*	PIONEER 94Y20	42.9	1.5
~NS	*	SCHILLINGER SEED 428 F.HPC (high protein)	42.5	1.0
	*	DYNA-GRO 36C44	42.4	1.0
	*	SEED CONSULTANTS SC 9408RR	42.3	1.0
~	*	PORTER HYBRIDS PH 4419N	42.3	1.3
	*	PIONEER 94M50	42.1	1.0
	*	TRISOY 4475RR(CN)	42.0	1.0
	*	VIGORO V42N9RS	42.0	1.0
	*	SEED CONSULTANTS SCS 9409RR	41.7	1.0
	*	CROW'S C4519R	41.3	1.3
	*	UNISOUTH GENETICS USG 74C36	41.2	1.8
~	*	SCHILLINGER SEED 447.TC	41.2	1.0
~	*	SCHILLINGER SEED 435.TCS	40.8	1.0
	*	STEYER 4040RR	40.5	1.3
	*	SEED CONSULTANTS SCS 9448RR	40.3	1.3
~		STEYER 434	40.2	1.3
~		STEYER 410	39.6	1.5
	*	ASGROW AG4005	39.5	1.0
~	*	L&M GLICK 53	38.4	1.0
	*	TRISOY 4586RR(CN)	38.0	1.0
		HORNBECK HBK R4527	37.4	1.8
~NS		SCHILLINGER SEED XP44.TL (low linolenic)	36.4	1.0
~NS		SCHILLINGER SEED 446 F.HP (high protein)	36.1	1.0
~NS		SCHILLINGER SEED 438.TL (low linolenic)	35.9	1.3
		EARLY GROUP IV AVERAGE	43.9	1.2
		LSD (0.10)	7.0	0.4

continued on next page

Table 9. 2008 Warren County (WKU) Full-Season Variety Test.

TYPE		BRAND — VARIETY	YIELD (BU/AC)[A] 2008	LODGING 2008
		MATURITY GROUP LATE IV (RELATIVE MG 4.6-4.9)		
	*	DELTA GROW 4970 RR	**51.4**	2.0
	*	SCHILLINGER SEED 495.RC	**51.4**	2.0
		PROGENY P4908 RR	51.1	1.3
	*	BECK 474NRR	50.1	1.3
		PROGENY P4718 RR	49.8	1.3
	*	SOUTHERN STATES RT 4888N	49.5	1.8
		ASGROW AG4903	48.5	1.8
	*	VIGORO V48N7RS	48.4	1.0
		DAIRYLAND 8482/RR	48.3	1.3
	*	PIONEER 94Y70	48.2	1.8
	*	HORNBECK HBK R4924	48.1	1.5
	*	VIGORO V47N9RS	48.0	1.3
	*	ASGROW AG4907	47.9	1.8
		PROGENY P4918 RR	47.9	1.5
	*	NK BRAND S47-D9	47.7	1.0
~NS		EXP KY04-ns-309	47.5	1.5
	*	SEED CONSULTANTS SCS 9479RR	47.5	1.3
	*	SOUTHERN STATES RT 4760N	47.2	2.0
	*	VIGORO V49N6RR	47.2	2.0
	*	PROGENY P4606 RR	47.0	1.0
	*	ARMOR 47-F8	46.9	1.0
EXP	*	NK BRAND XR4881	46.8	1.0
	*	NK BRAND S49-Q9	46.7	2.0
		PROGENY P4906 RR	46.4	1.3
		DELTA GROW 4870 RR	46.3	1.3
	*	SOUTHERN CROSS RUFUS 4.7 N, RR, STS	46.1	1.0
	*	ARMOR 48-J3	46.0	1.3
	*	PIONEER 94Y90	45.7	1.5
	*	ASGROW DKB46-51	45.6	1.5
	*	STINE 4782-4	45.6	1.0
		DELTA GROW 4975 LARR	45.5	1.5
	*	SEED CONSULTANTS SC 9468RR	45.4	1.0
	*	UNISOUTH GENETICS USG 74T98	45.3	1.8
	*	UNISOUTH GENETICS USG 74G78	45.1	1.0
	*	SOUTHERN STATES RT 4808N	44.6	2.0
	*	SOUTHERN STATES RT 4777N	44.1	1.5
	*	ASGROW AG4606	44.0	1.0
	*	PIONEER 94Y60	44.0	1.0
	*	SOUTHERN STATES RT 4996N	44.0	2.0
	*	CAVERNDALE CF 470 RR/STSn	43.9	1.0
	*	ASGROW AG4605	43.7	1.3
EXP	*	DAIRYLAND 47-001/RR	43.4	1.3
	*	HORNBECK HBK R4727	43.4	1.3
	*	ASGROW AG4703	43.3	1.0
	*	SOUTHERN CROSS ELI 4.7 N, RR, STS	43.2	1.0
	*	ARMOR ARX4717	42.9	1.0
	*	CROW'S C4820R	42.6	1.0
	*	DELTA GROW 4770 RR	42.6	1.8
	*	PROGENY P4807 RR	42.2	1.8
	*	SOUTHERN CROSS HIRAM 4.9 N, RR	41.8	1.3
~NS		EXP KY04-ns-320	41.6	1.0
	*	UNISOUTH GENETICS USG 74A76	41.5	2.0
	*	DELTA GROW 4840 RR	41.4	2.0
	*	PIONEER 94M80	41.4	1.3
	*	SCHILLINGER SEED 478.RCS	41.3	2.0
		PROGENY P4949 RR	41.2	1.3
	*	TRISOY 4760RR(CN)	40.6	1.0
	*	ASGROW AG4705	40.2	2.0
	*	PROGENY P4706 RR	40.0	1.5
~P		PENNYRILE (long term check-released 1987)	39.9	1.8
	*	STEYER 4620RR	39.9	1.0
	*	VIGORO V47N8RR	39.2	1.0
	*	SOUTHERN CROSS GALILEE 4.7 N, RR	37.9	1.3
~	*	SCHILLINGER SEED 477.TCS	37.8	1.3
	*	DELTA GROW 4780 RR	37.6	1.3
~NS		KS4607 (high protein)	35.9	1.3
		UNISOUTH GENETICS USG 7484nRR	35.7	1.5
	*	NK BRAND S45-E5	33.6	1.3
		LATE GROUP IV AVERAGE	44.4	1.4
		LSD (0.10)	4.9	0.3

Table 9. 2008 Warren County (WKU) Full-Season Variety Test.

TYPE		BRAND — VARIETY	YIELD (BU/AC)[A] 2008	LODGING 2008
		MATURITY GROUP V		
~		UNISOUTH GENETICS USG 5002T	**54.7**	2.3
~P	*	KS5004N	54.5	2.0
~		UNISOUTH GENETICS USG 5601T	52.7	3.0
	*	DAIRYLAND 8509/RR	52.3	2.0
~P		TEEJAY	50.8	2.3
~P		V98-2711	49.7	2.0
		PROGENY P5408 RR	48.3	2.0
	*	DELTA KING DK52K6	48.2	2.8
	*	ARMOR 53-Z5	47.8	1.8
	*	SCHILLINGER SEED 557.RC	47.6	2.0
~		PROGENY P5770	46.7	2.3
EXP-NS		V01-1693 (3.5% linolenic)	46.4	2.0
	*	PROGENY P5115 RR	46.3	1.5
		PROGENY P5208 RR	46.3	1.5
	*	SOUTHERN STATES RT 5540N	46.0	3.0
	*	STINE 5482-4	46.0	2.0
	*	SOUTHERN STATES RT 5160N	45.9	2.5
	*	UNISOUTH GENETICS USG 75J32	45.3	2.0
~P		JAKE	45.1	1.5
	*	DELTA GROW 5170 RR	45.0	1.0
	*	PROGENY P5107 RR	44.6	2.0
	*	DELTA GROW 5450 RR	44.6	2.0
	*	DELTA GROW 5160 RR/STS	44.3	1.8
	*	DELTA GROW 5300 RR	44.2	2.3
		UNISOUTH GENETICS USG ALLEN	44.1	2.3
~P		ESSEX (long term check-released 1974)	43.8	2.0
	*	UNISOUTH GENETICS USG 75J47	43.0	2.0
EXP-NS		V01-1702 (3.5% linolenic)	42.8	2.0
	*	SOUTHERN CROSS DAMASCUS 5.0 N, RR, STS	42.7	1.8
		PROGENY P5108 RR	42.4	1.5
		PROGENY P5218 RR	42.4	2.3
		PROGENY P5308 RR	42.2	1.5
	*	DAIRYLAND 8512/RR	42.2	1.5
	*	DELTA GROW 5470 RR	42.1	1.5
	*	PIONEER 95Y20	41.3	1.3
~		HORNBECK HBK C4926	38.1	1.5
		GROUP V AVERAGE	45.8	2.0
		LSD (0.10)	3.9	0.4
		GRAND MEAN	45.6	1.5

~ Variety is not Roundup Ready. All varieties without a tilda (~) prefix are Roundup Ready.

* Resistant to soybean cyst nematode. See Table 3. Company Disease Resistance Specifications for details.

P Entries with a P prefix are public varieties.

NS Entries with a NS prefix are novel soybean varieties that are emerging from both the public and private sectors. Some of these value-added soybean types will supply relatively small market niches, while others may be of much broader market value.
Testing novel soybeans will enable producers to assess whether premiums for a given trait offset possible yield lag/drag.

EXP Entries with an EXP prefix are varieties that are still under development or soon to be released.

A Within a maturity group, shaded yields are not significantly different (0.10 level) from the highest yielding cultivar (bold data) of that maturity group and year column.

Mention or display of a trademark, proprietary product, or firm in text or figures does not constitute an endorsement and does not imply approval to the exclusion of other suitable products or firms.

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The following pages are not part of the printed publication.

The first few pages are a web site feature for the sorting of Table 4. Summary.

The nomination form, cover letter and instructions are for seed companies and others interested in entering varieties in the KY Soybean Performance Tests.

Questions or comments?

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TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 SORTED BY 2008 YIELD

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A]			LODGING	% PROTEIN[B]			% OIL[B]		
			2008	07-08	06-08	2008	2008	07-08	06-08	2008	07-08	06-08
sort	sort	sort alphabetically	sort	sort	sort	sort	sort	sort	sort	sort	sort	sort
		MATURITY GROUP II-III (RELATIVE MG 2.7-3.9)										
	*	SEED CONSULTANTS SCS 9398RR	**47.7**			1.6	36.8			18.8		
	*	ARMOR ARX938	47.6			1.5	35.6			18.0		
	*	NK BRAND S39-A3	47.2	**44.3**		1.5	34.6	35.2		18.5	18.1	
	*	PIONEER 93Y20	46.7			1.9	36.6			19.1		
	*	SOUTHERN STATES RT 3871N	46.6	42.2		1.3	35.9	36.7		19.3	18.6	
	*	NK BRAND S37-P5	46.2	42.9		1.7	35.6	35.9		18.2	18.3	
	*	ASGROW AG3803	46.1	43.9		1.3	36.9	36.9		18.3	18.2	
~	*	EBBERTS 3386	46.0	42.1		1.7	36.7	37.3		18.5	18.0	
	*	NK BRAND S38-D5	45.6	42.2		1.4	35.8	36.3		17.7	17.1	
	*	SOUTHERN CROSS LUCAS 3.8 N, RR	45.6	42.4		1.4	36.7	37.4		17.5	17.1	
	*	PROGENY P3906 RR	45.6			1.5	37.4			18.4		
	*	SOUTHERN STATES RT 3971N	44.9	42.7		1.2	36.4	37.1		17.5	17.3	
		HORNBECK HBK R3927	44.8	41.5		2.4	38.3	39.0		19.1	18.6	
	*	VIGORO V37N8RR	44.8			1.1	36.2			17.9		
NS		ASGROW AG36-22V (low linolenic)	44.5			1.1	35.7			19.0		
	*	BECK 399NRR	44.4	42.1		1.2	36.9	37.3		18.0	17.1	
	*	SEED CONSULTANTS SC 9389RR	43.9			1.3	36.2			17.9		
	*	DYNA-GRO 32X39	43.6			1.3	36.7			17.6		
~	*	PORTER HYBRIDS PH 4385N	43.6			1.7	35.4			18.0		
	*	EBBERTS 1365RR	43.3	43.2	46.8	1.7	**39.2**	**39.6**	**39.8**	16.9	16.7	16.8
~		PIONEER 93B82	43.1	39.8		1.8	37.6	37.6		18.5	18.5	
	*	EBBERTS 1378RR	43.1	41.9		1.4	36.7	37.8		17.7	17.2	
NS	*	ASGROW AG3121V (low linolenic)	42.8	41.3		1.7	37.0	37.0		18.5	18.2	
	*	ASGROW AG3603	42.7	41.1		1.1	37.1	37.6		17.8	17.4	
	*	ASGROW AG3705	42.5	41.7	**48.2**	1.1	34.9	35.4	35.6	18.3	17.8	18.2
	*	BECK 364NRR	42.4			1.4	36.7			17.6		
~NS		IA3026 (low saturates)	42.2			1.9	34.7			19.3		
NS	*	ASGROW AG35-21V (low linolenic)	41.9	40.2		1.2	35.9	36.0		19.1	18.7	
	*	ASGROW AG3906	41.8	40.8	47.0	1.1	36.2	36.3	36.5	18.8	18.6	**18.9**
	*	ARMOR 38-G2	41.7			1.5	37.1			17.5		
		SOUTHERN STATES RT 3860	41.7	40.4	46.4	1.1	35.0	35.8	35.9	18.9	18.4	18.7
	*	CROW'S C3916R	41.7	41.6		1.2	37.3	37.8		17.8	17.5	
~	*	PORTER HYBRIDS PH 4360N	41.6			1.5	36.6			18.0		
~NS	*	SCHILLINGER SEED 397.TCL (low linolenic)	41.6	39.3		1.1	37.6	37.5		19.5	19.2	
	*	EBBERTS 1386RR	41.2	38.2	45.3	1.6	36.2	36.6	36.7	18.5	18.2	18.5
NS	*	ASGROW AG2921V (low linolenic)	41.2	38.7		1.0	35.5	36.1		**19.8**	19.4	
	*	VIGORO V39N9RR	41.0			1.3	35.3			18.9		
	*	SEED CONSULTANTS SC 9386RR	39.8	38.4	44.8	2.1	36.4	37.0	37.6	18.2	18.0	18.3
NS		ASGROW DKB31-22V (low linolenic)	39.7			1.1	36.5			18.7		
NS		DAIRYLAND DST37-000-UL (low linolenic)	39.7			1.7	36.8			18.5		
~NS		IA3024 (low linolenic)	39.5	38.7		1.6	35.7	35.2		19.5	19.4	
NS		DAIRYLAND DST37-001-UL (low linolenic)	39.0			1.8	37.4			18.2		
~		SEED CONSULTANT SC 388	38.5			1.6	38.0			18.1		
~NS		IA3027 (large seed, high protein)	38.3	32.6	33.7	1.2	39.0	39.4	39.3	18.3	18.4	18.6
NS	*	ASGROW AG2822V (low linolenic)	37.9	38.9		1.3	36.9	37.2		19.7	**19.7**	
~NS		IA3036 (mid oleic)	36.4			1.8	38.1			18.2		
~NS		IA3041 (low linolenic)	35.9			1.5	36.5			18.4		
~NS		IA3025 (low linolenic)	32.8	28.7		1.5	36.7	36.9		19.2	18.9	
		GROUP III AVERAGE	42.5	40.4	44.6	1.4	36.6	37.0	37.3	18.4	18.1	18.3
		LSD (0.10)	2.2	3.3	2.8	0.2						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 SORTED BY 2008 YIELD

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP EARLY IV (RELATIVE MG 4.0-4.5)										
~	*	SOUTHERN CROSS BENJAMIN 4.3 N	**48.0**			1.2	34.6			19.1		
	*	ASGROW AG4303	47.5			1.2	35.6			18.7		
	*	PIONEER 94Y01	47.2			1.6	34.5			19.4		
	*	ARMOR 42-M1	46.7			1.1	37.2			17.6		
	*	CAVERNDALE CF 422 RR/STSn	46.6	43.7	**49.4**	1.1	36.8	37.4	36.9	18.9	18.4	**18.7**
~	*	PORTER HYBRIDS PH 4419N	46.4			1.3	35.5			17.9		
	*	CAVERNDALE CF 447 RR/STSn	46.4	**44.6**		1.1	35.6	36.2		18.9	18.5	
	*	CAVERNDALE CF 410 RR/STSn	46.4	43.7		1.1	36.8	37.5		17.8	16.9	
	*	NK BRAND S44-D5	46.3	44.2		1.4	35.7	36.4		18.3	17.7	
	*	TRISOY 4184RR(CN)	46.3			1.2	35.8			18.8		
	*	VIGORO V44N9RS	46.2			1.2	36.2			18.4		
	*	PROGENY P4206 RR	45.6	44.0		1.3	36.3	36.5		18.7	18.6	
	*	CROW'S C4119R	45.5			1.2	36.9			18.3		
	*	PIONEER 94Y20	45.4			1.5	37.3			18.8		
	*	ARMOR 44-K6	45.4			1.1	36.5			18.1		
	*	NK BRAND S43-N6	45.4			1.2	35.5			17.3		
	*	DELTA GROW 4460 RR	45.4	41.0	46.6	1.7	35.2	36.5	36.4	18.9	17.9	18.1
	*	VIGORO V42N9RS	45.3			1.2	35.3			18.4		
	*	SOUTHERN STATES RT 4470N	45.2	44.0		1.1	36.2	36.3		18.3	18.3	
	*	SOUTHERN CROSS LOT 4.1 N, RR, STS	45.2			1.2	36.7			18.4		
	*	DYNA-GRO 35D44	45.1	42.4		1.3	36.5	37.5		19.1	18.1	
	*	DELTA GROW 4150 RR	45.1	41.6	48.2	1.3	36.2	37.3	37.3	18.3	17.5	17.7
	*	TRISOY 4586RR(CN)	45.1			1.2	35.5			18.8		
	*	DELTA GROW 4470 RR/STS	45.0	42.0		1.4	34.9	35.7		19.2	18.7	
	*	SEED CONSULTANTS SC 9419RR	44.9			1.1	36.0			18.5		
	*	SEED CONSULTANTS SCS 9448RR	44.8			1.5	35.9			18.4		
EXP	*	SEED CONSULTANTS EXP 4242RR	44.6			1.1	36.4			18.3		
	*	TRISOY 4475RR(CN)	44.4			1.3	36.3			18.2		
	*	BECK 445NRR	44.3			1.1	35.5			18.7		
	*	SOUTHERN CROSS CALEB 4.4 N, RR, STS	44.2	41.2		1.1	36.2	36.1		18.8	18.4	
	*	STEYER 4430RR	44.1	42.9		1.3	35.1	35.9		18.9	18.7	
EXP		PROGENY P4508 RR	43.8			1.4	34.6			19.5		
	*	SOUTHERN STATES RT 4551N	43.6	40.0	45.8	1.6	35.2	37.1	**37.6**	19.3	18.2	18.2
	*	SOUTHERN CROSS JERICHO 4.2 N, RR	43.5			1.1	35.1			18.4		
	*	DYNA-GRO 38C42	43.4	42.5		1.1	36.1	36.7		19.1	18.5	
	*	SOUTHERN STATES RT 4370N	43.3	39.0		1.8	35.7	36.1		**19.6**	18.7	
	*	DYNA-GRO 33A40	43.2			1.4	35.6			19.4		
	*	ASGROW AG4005	43.2			1.0	36.0			18.0		
	*	DAIRYLAND 4300/RR	43.0			1.5	35.1			19.4		
EXP		PROGENY P4408 RR	43.0			1.1	35.7			18.5		
	*	SEED CONSULTANTS SC 9408RR	43.0			1.2	36.0			17.3		
	*	BECK 422NRR	42.7	41.8	48.0	1.3	35.9	36.4	36.6	19.3	18.5	**18.7**
	*	DYNA-GRO 36C44	42.6			1.1	36.1			18.0		
	*	SOUTHERN STATES RT 4451N	42.6	40.8	46.1	1.4	36.7	36.6	36.3	17.9	17.6	17.8
	*	PIONEER 94M50	42.4	43.1	48.8	1.2	36.2	35.9	36.4	19.2	18.4	18.5
	*	SCHILLINGER SEED 457.RCP	42.4	38.8		1.9	35.3	36.3		18.9	18.2	
	*	DAIRYLAND 4500/RRSTS	42.4			1.4	35.6			19.3		
~NS	*	SCHILLINGER SEED 448 F.HPC (high protein)	42.3			1.2	41.4			17.0		
	*	STEYER 4040RR	41.9	43.0		1.6	37.3	37.7		18.7	18.1	
	*	PROGENY P4405 RR	41.5	38.3		1.7	35.8	37.1		18.1	17.2	
	*	ASGROW DKB42-51	41.5	40.3	47.1	1.3	33.7	34.2	34.7	19.3	18.3	18.3
	*	L&M GLICK 843RR	41.4			1.6	35.5			19.5		
	*	ASGROW AG4404	41.3	39.1	46.0	1.3	37.0	37.0	36.9	18.5	17.7	18.0
	*	SEED CONSULTANTS SC 9459RR	41.3			1.5	35.3			18.9		
		HORNBECK HBK R4527	41.1	36.2		1.8	37.2	38.6		18.2	17.3	
	*	SEED CONSULTANTS SCS 9409RR	41.1			1.2	37.1			17.8		
~	*	SCHILLINGER SEED 447.TC	41.0			1.3	37.9			17.8		
	*	VIGORO V40N8RS	40.9	40.3		1.3	35.8	36.8		19.5	**19.0**	
~NS	*	SCHILLINGER SEED 428 F.HPC (high protein)	40.8			1.4	**41.8**			17.0		
~		STEYER 434	40.1			1.2	36.9			18.4		
~	*	STEYER 410	39.7			1.6	36.2			18.1		
	*	CROW'S C4519R	39.6			1.3	36.6			18.5		
~	*	L&M GLICK 53	39.0			1.6	35.7			18.7		
	*	UNISOUTH GENETICS USG 74C36	38.7			1.7	37.3			17.4		
~	*	SCHILLINGER SEED 435.TCS	38.1			1.1	37.0			18.3		
~NS		SCHILLINGER SEED 446 F.HP (high protein)	37.7	35.4		1.2	39.5	**40.7**		16.7	15.5	
~NS		SCHILLINGER SEED XP44.TL (low linolenic)	37.3			1.2	35.4			19.5		
~NS		SCHILLINGER SEED 438.TL (low linolenic)	36.9			1.3	35.6			19.0		
		EARLY GROUP IV AVERAGE	43.3	41.3	47.3	1.3	36.2	36.8	36.6	18.5	18.0	18.2
		LSD (0.10)	2.5	3.5	2.6	0.1						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 SORTED BY 2008 YIELD

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	07-08	06-08	LODGING 2008	% PROTEIN[B] 2008	07-08	06-08	% OIL[B] 2008	07-08	06-08
		MATURITY GROUP LATE IV (RELATIVE MG 4.6-4.9)										
	*	PIONEER 94Y70	**46.6**			1.7	34.9			19.5		
	*	ASGROW DKB46-51	46.5	42.2	47.3	1.4	36.4	37.9	37.8	19.1	18.3	18.2
	*	ASGROW AG4606	46.5			1.4	34.7			21.0		
	*	PROGENY P4908 RR	46.3			1.5	35.2			18.8		
	*	ARMOR 48-J3	46.1	45.1		1.4	37.4	38.7		18.7	18.1	
	*	DELTA GROW 4970 RR	45.9	40.6	47.2	1.9	36.3	38.1	37.5	18.9	17.9	17.9
	*	BECK 474NRR	45.7			1.3	37.0			17.8		
		ASGROW AG4903	45.5	42.5	48.0	1.4	36.8	37.2	36.5	19.3	18.7	18.7
	*	UNISOUTH GENETICS USG 74A76	45.4	42.7	48.0	1.6	35.1	37.2	36.6	19.3	18.0	18.2
	*	VIGORO V47N9RS	45.3			1.3	35.7			19.6		
	*	CROW'S C4820R	45.0			1.3	35.9			19.5		
		DELTA GROW 4870 RR	45.0			1.5	37.2			17.7		
	*	SEED CONSULTANTS SCS 9479RR	45.0			1.4	35.1			19.2		
	*	UNISOUTH GENETICS USG 74G78	45.0			1.1	33.9			19.6		
EXP	*	NK BRAND XR4881	44.8			1.2	34.7			18.6		
	*	SOUTHERN CROSS RUFUS 4.7 N, RR, STS	44.6			1.2	35.6			19.7		
	*	PROGENY P4606 RR	44.4	43.3		1.2	33.7	35.7		19.6	18.5	
	*	SOUTHERN STATES RT 4808N	44.4	43.9	**49.2**	1.6	35.6	37.0	36.0	19.0	17.6	17.8
		DAIRYLAND 8482/RR	44.4	42.0		1.5	35.8	37.2		18.9	18.3	
	*	SOUTHERN STATES RT 4888N	44.2			1.4	36.8			18.1		
	*	PROGENY P4918 RR	44.2			1.6	37.4			17.8		
	*	HORNBECK HBK R4924	44.1	43.6	48.3	1.6	35.9	37.2	36.4	19.1	18.0	18.2
	*	NK BRAND S49-Q9	44.0	38.9	46.0	1.8	34.8	36.9	36.6	18.9	17.1	17.3
	*	ASGROW AG4907	43.9			1.6	35.3			18.7		
	*	ASGROW AG4705	43.8			2.0	35.7			20.3		
	*	NK BRAND S47-D9	43.8	**45.3**		1.1	34.1	35.8		19.6	18.7	
	*	SCHILLINGER SEED 495.RC	43.7	41.9	46.6	1.9	36.6	38.2	37.7	18.3	17.6	17.7
	*	SOUTHERN STATES RT 4760N	43.6	40.8	46.6	1.7	35.5	37.5	37.6	19.2	18.0	18.0
	*	ARMOR 47-F8	43.5	42.5		1.1	34.0	35.7		19.3	18.7	
	*	VIGORO V48N7RS	43.4	42.0		1.1	34.0	34.8		19.5	19.0	
	*	PROGENY P4718 RR	43.4			1.4	37.3			18.0		
	*	HORNBECK HBK R4727	43.3	40.7		1.4	35.0	35.8		19.0	18.2	
	*	STINE 4782-4	43.3	42.0	49.1	1.2	33.5	35.7	35.2	19.9	19.5	19.4
	*	CAVERNDALE CF 470 RR/STSn	43.2	42.4		1.1	34.5	35.5		19.7	19.1	
		DELTA GROW 4975 LARR	43.2	40.7		1.4	35.8	37.2		18.8	17.7	
	*	STEYER 4620RR	43.2			1.2	35.6			19.7		
		PROGENY P4906 RR	43.1	39.4		1.4	35.2	36.9		18.6	17.9	
	*	SEED CONSULTANTS SC 9468RR	43.1	41.2		1.2	33.1	34.5		20.1	19.5	
	*	ASGROW AG4703	43.0	41.8	47.4	1.2	37.3	37.9	37.3	17.9	17.3	17.5
	*	ASGROW AG4605	42.7	39.1		1.3	34.5	36.1		19.0	18.6	
	*	VIGORO V49N6RR	42.7	42.1	48.2	1.7	36.5	37.8	37.4	19.0	18.0	18.0
	*	PIONEER 94Y90	42.5			1.6	36.3			19.4		
	*	DELTA GROW 4770 RR	42.2	41.5		1.6	35.3	37.4		19.0	18.1	
	*	PIONEER 94Y60	42.0			1.2	38.7			17.6		
	*	PROGENY P4807 RR	41.9	38.7		1.5	34.7	35.9		19.2	18.3	
	*	SOUTHERN CROSS ELI 4.7 N, RR, STS	41.8	41.7	49.0	1.2	34.0	35.0	34.7	19.8	19.7	**19.7**
	*	PROGENY P4706 RR	41.7	40.5		1.6	35.4	36.9		19.1	18.2	
	*	VIGORO V47N8RR	41.7			1.3	34.8			19.3		
	*	SOUTHERN STATES RT 4996N	41.6	40.0	46.0	1.6	36.0	37.5	37.1	19.7	18.4	18.6
	*	DELTA GROW 4780 RR	41.5	38.8		1.4	35.0	35.8		19.5	18.9	
	*	SOUTHERN STATES RT 4777N	41.4	42.6	47.9	1.4	35.0	36.3	36.5	19.1	18.4	18.5
	*	ARMOR ARX4717	41.2			1.2	36.1			19.0		
	*	TRISOY 4760RR(CN)	41.2	39.0		1.2	32.5	34.1		**21.5**	**20.3**	
	*	DELTA GROW 4840 RR	41.1	39.7	44.6	1.7	35.3	36.8	36.7	18.1	16.8	17.4
		PROGENY P4949 RR	40.7	40.4		1.5	35.4	37.6		19.9	18.1	
	*	UNISOUTH GENETICS USG 74T98	40.0			2.2	36.2			18.3		
	*	SOUTHERN CROSS GALILEE 4.7 N, RR	39.9	39.4		1.3	35.3	36.2		19.2	18.9	
	*	PIONEER 94M80	39.6	37.0	43.5	1.4	38.4	**39.7**	**38.9**	17.6	17.1	17.4
	*	SOUTHERN CROSS HIRAM 4.9 N, RR	39.2	38.6		1.4	35.6	36.1		18.9	17.7	
	*	UNISOUTH GENETICS USG 7484nRR	39.1			1.7	35.7			17.9		
~	*	SCHILLINGER SEED 477.TCS	38.6			1.3	37.9			18.0		
~P		PENNYRILE (long term check-released 1987)	38.3	35.8		1.5	37.0	38.0		19.1	18.6	
EXP	*	DAIRYLAND 47-001/RR	38.1	35.7		1.5	35.4	36.1		18.7	18.4	
	*	NK BRAND S45-E5	36.9			1.4	36.7			18.7		
~NS		KS4607 (high protein)	36.3	35.3		1.3	**39.4**	39.4		18.4	17.6	
	*	SCHILLINGER SEED 478.RCS	36.2			1.5	35.1			18.6		
		LATE GROUP IV AVERAGE	42.8	40.8	47.2	1.4	35.6	36.8	36.9	19.0	18.3	18.1
		LSD (0.10)	2.2	3.8	2.5	0.1						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 SORTED BY 2008 YIELD

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP V										
~P	*	KS5004N	45.8			2.1	35.8			19.0		
~		UNISOUTH GENETICS USG 5002T	44.5	40.4	47.1	2.2	36.1	37.5	37.0	18.7	18.1	18.1
~P		TEEJAY	43.1	40.3	46.0	1.8	35.8	37.7	37.0	18.4	17.5	17.6
~		UNISOUTH GENETICS USG 5601T	42.7	**41.0**	**47.8**	2.1	37.3	38.5	38.3	18.4	17.6	17.3
	*	DAIRYLAND 8509/RR	42.3	38.0		1.8	36.6	37.8		19.3	18.2	
	*	DELTA GROW 5170 RR	41.8			1.1	35.1			19.1		
	*	ARMOR 53-Z5	40.7			1.8	37.2			18.0		
	*	PROGENY P5408 RR	40.6			2.0	37.5			17.8		
	*	STINE 5482-4	40.4	37.7		1.6	36.3	37.2		18.5	18.1	
~P		V98-2711	39.8			2.3	38.3			18.0		
	*	SCHILLINGER SEED 557.RC	39.8			1.9	37.3			17.7		
	*	DELTA GROW 5160 RR/STS	39.4	37.0	45.0	1.7	36.3	38.5	38.2	**20.1**	**18.8**	**18.6**
	*	PROGENY P5208 RR	38.9			1.5	36.7			18.7		
	*	SOUTHERN CROSS DAMASCUS 5.0 N, RR, STS	38.8	35.2	43.0	1.7	36.3	38.4	38.0	19.7	18.7	**18.6**
	*	DELTA GROW 5300 RR	38.8	36.1		2.3	37.3	38.4		17.5	16.6	
	*	PROGENY P5115 RR	38.6	34.9		1.6	35.2	36.0		19.6	18.8	
	*	UNISOUTH GENETICS USG 75J47	38.5	37.5		1.9	37.5	37.8		18.0	17.7	
	*	PROGENY P5218 RR	38.4			2.7	36.8			18.4		
	*	PROGENY P5108 RR	38.2			1.5	37.8			18.2		
~P		JAKE	37.8	36.9	43.3	1.6	38.2	38.0	37.2	17.0	17.2	17.4
EXP-NS		V01-1702 (3.5% linolenic)	37.8			1.8	36.6			19.4		
	*	PROGENY P5308 RR	37.7			1.7	37.1			18.4		
~P		ESSEX (long term check-released 1974)	37.5	35.2		2.0	38.3	**39.9**		18.0	17.4	
	*	PROGENY P5107 RR	37.5	32.1		2.1	36.5	38.5		18.4	17.3	
EXP-NS		V01-1693 (3.5% linolenic)	37.3			1.9	36.7			18.7		
	*	UNISOUTH GENETICS USG 75J32	37.1	34.9	42.4	1.9	37.1	38.6	37.9	18.3	17.1	17.3
	*	PIONEER 95Y20	37.0			1.8	36.1			18.4		
	*	DAIRYLAND 8512/RR	36.9			1.6	37.7			18.5		
	*	SOUTHERN STATES RT 5160N	36.9	36.3	42.7	2.0	37.4	38.0	37.1	17.4	17.2	17.5
		UNISOUTH GENETICS USG ALLEN	36.6	35.0	42.9	2.0	37.2	38.2	37.6	17.9	17.5	17.2
	*	SOUTHERN STATES RT 5540N	36.6	35.2	41.6	2.4	38.8	39.4	38.5	18.1	17.5	17.7
	*	DELTA GROW 5450 RR	36.1			1.8	37.6			17.4		
~		PROGENY P5770	36.0			2.7	37.1			18.6		
	*	DELTA GROW 5470 RR	35.9	34.6		1.6	37.6	38.6		17.4	17.1	
	*	DELTA KING DK52K6	35.7	36.5	43.6	2.4	**39.1**	39.7	**39.0**	17.3	17.0	17.2
~		HORNBECK HBK C4926	33.8			1.6	36.5			18.7		
		GROUP V AVERAGE	38.8	36.6	44.1	1.9	37.0	38.2	37.8	18.4	17.6	17.7
		LSD (0.10)	1.8	3.5	2.7	0.2						
		GRAND MEAN	42.2	40.1	46.1	1.5	36.3	37.1	37.1	18.6	18.1	18.1

~ Variety is not Roundup Ready. All varieties without a tilda (~) prefix are Roundup Ready.

* Resistant to soybean cyst nematode. See Table 3. Company Disease Resistance Specifications for details.

P Entries with a P prefix are public varieties.

NS Entries with a NS prefix are novel soybean varieties that are emerging from both the public and private sectors. Some of these value-added soybean types will supply relatively small market niches, while others may be of much broader market value. Testing novel soybeans will enable producers to assess whether premiums for a given trait offset possible yield lag/drag.

EXP Entries with an EXP prefix are varieties that are still under development or soon to be released.

A Within a maturity group, shaded yields are not significantly different (0.10 level) from the highest yielding cultivar (bold data) of that maturity group and year column.

B Variety protein and oil concentration was determined at the Hancock Co. location (all test locations for NS entries) and expressed on the basis of 13% moisture. The 2008 data were provided by the University of Kentucky using near-infrared (NIR) analysis. The 2007 and 2006 data were provided by the Iowa State University Grain Quality Analysis Services using near-infrared (NIR) analysis.

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 SORTED BY TYPE (NS, EXP, ~)

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
sort												
		MATURITY GROUP II-III (RELATIVE MG 2.7-3.9)										
NS		ASGROW AG36-22V (low linolenic)	44.5			1.1	35.7			19.0		
NS	*	ASGROW AG3121V (low linolenic)	42.8	41.3		1.7	37.0	37.0		18.5	18.2	
NS	*	ASGROW AG35-21V (low linolenic)	41.9	40.2		1.2	35.9	36.0		19.1	18.7	
NS	*	ASGROW AG2921V (low linolenic)	41.2	38.7		1.0	35.5	36.1		**19.8**	19.4	
NS		ASGROW DKB31-22V (low linolenic)	39.7			1.1	36.5			18.7		
NS		DAIRYLAND DST37-000-UL (low linolenic)	39.7			1.7	36.8			18.5		
NS		DAIRYLAND DST37-001-UL (low linolenic)	39.0			1.8	37.4			18.2		
NS	*	ASGROW AG2822V (low linolenic)	37.9	38.9		1.3	36.9	37.2		19.7	**19.7**	
~NS		IA3026 (low saturates)	42.2			1.9	34.7			19.3		
~NS	*	SCHILLINGER SEED 397.TCL (low linolenic)	41.6	39.3		1.1	37.6	37.5		19.5	19.2	
~NS		IA3024 (low linolenic)	39.5	38.7		1.6	35.7	35.2		19.5	19.4	
~NS		IA3027 (large seed, high protein)	38.3	32.6	33.7	1.2	39.0	39.4	39.3	18.3	18.4	18.6
~NS		IA3036 (mid oleic)	36.4			1.8	38.1			18.2		
~NS		IA3041 (low linolenic)	35.9			1.5	36.5			18.4		
~NS		IA3025 (low linolenic)	32.8	28.7		1.5	36.7	36.9		19.2	18.9	
~	*	EBBERTS 3386	46.0	42.1		1.7	36.7	37.3		18.5	18.0	
~	*	PORTER HYBRIDS PH 4385N	43.6			1.7	35.4			18.0		
~		PIONEER 93B82	43.1	39.8		1.8	37.6	37.6		18.5	18.5	
~	*	PORTER HYBRIDS PH 4360N	41.6			1.5	36.6			18.0		
~		SEED CONSULTANT SC 388	38.5			1.6	38.0			18.1		
	*	SOUTHERN STATES RT 3871N	46.6	42.2		1.3	35.9	36.7		19.3	18.6	
	*	NK BRAND S37-P5	46.2	42.9		1.7	35.6	35.9		18.2	18.3	
	*	ASGROW AG3803	46.1	43.9		1.3	36.9	36.9		18.3	18.2	
	*	NK BRAND S38-D5	45.6	42.2		1.4	35.8	36.3		17.7	17.1	
	*	SOUTHERN CROSS LUCAS 3.8 N, RR	45.6	42.4		1.4	36.7	37.4		17.5	17.1	
	*	SOUTHERN STATES RT 3971N	44.9	42.7		1.2	36.4	37.1		17.5	17.3	
		HORNBECK HBK R3927	44.8	41.5		2.4	38.3	39.0		19.1	18.6	
	*	BECK 399NRR	44.4	42.1		1.2	36.9	37.3		18.0	17.1	
	*	EBBERTS 1365RR	43.3	43.2	46.8	1.7	**39.2**	**39.6**	**39.8**	16.9	16.7	16.8
	*	EBBERTS 1378RR	43.1	41.9		1.4	36.7	37.8		17.7	17.2	
	*	ASGROW AG3603	42.7	41.1		1.1	37.1	37.6		17.8	17.4	
	*	ASGROW AG3705	42.5	41.7	**48.2**	1.1	34.9	35.4	35.6	18.3	17.8	18.2
	*	BECK 364NRR	42.4			1.4	36.7			17.6		
	*	ASGROW AG3906	41.8	40.8	47.0	1.1	36.2	36.3	36.5	18.8	18.6	**18.9**
		SOUTHERN STATES RT 3860	41.7	40.4	46.4	1.1	35.0	35.8	35.9	18.9	18.4	18.7
	*	CROW'S C3916R	41.7	41.6		1.2	37.3	37.8		17.8	17.5	
	*	EBBERTS 1386RR	41.2	38.2	45.3	1.6	36.2	36.6	36.7	18.5	18.2	18.5
	*	SEED CONSULTANTS SC 9386RR	39.8	38.4	44.8	2.1	36.4	37.0	37.6	18.2	18.0	18.3
	*	SEED CONSULTANTS SCS 9398RR	**47.7**			1.6	36.8			18.8		
	*	ARMOR ARX938	47.6			1.5	35.6			18.0		
	*	NK BRAND S39-A3	47.2	**44.3**		1.5	34.6	35.2		18.5	18.1	
	*	PIONEER 93Y20	46.7			1.9	36.6			19.1		
	*	PROGENY P3906 RR	45.6			1.5	37.4			18.4		
	*	VIGORO V37N8RR	44.8			1.1	36.2			17.9		
	*	SEED CONSULTANTS SC 9389RR	43.9			1.3	36.2			17.9		
	*	DYNA-GRO 32X39	43.6			1.3	36.7			17.6		
	*	ARMOR 38-G2	41.7			1.5	37.1			17.5		
	*	VIGORO V39N9RR	41.0			1.3	35.3			18.9		
		GROUP III AVERAGE	42.5	40.4	44.6	1.4	36.6	37.0	37.3	18.4	18.1	18.3
		LSD (0.10)	2.2	3.3	2.8	0.2						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 SORTED BY TYPE (NS, EXP, ~)

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP EARLY IV (RELATIVE MG 4.0-4.5)										
EXP	*	SEED CONSULTANTS EXP 4242RR	44.6			1.1	36.4			18.3		
EXP		PROGENY P4508 RR	43.8			1.4	34.6			19.5		
EXP		PROGENY P4408 RR	43.0			1.1	35.7			18.5		
~NS	*	SCHILLINGER SEED 448 F.HPC (high protein)	42.3			1.2	41.4			17.0		
~NS	*	SCHILLINGER SEED 428 F.HPC (high protein)	40.8			1.4	**41.8**			17.0		
~NS		SCHILLINGER SEED 446 F.HP (high protein)	37.7	35.4		1.2	39.5	**40.7**		16.7	15.5	
~NS		SCHILLINGER SEED XP44.TL (low linolenic)	37.3			1.2	35.4			19.5		
~NS		SCHILLINGER SEED 438.TL (low linolenic)	36.9			1.3	35.6			19.0		
~	*	SOUTHERN CROSS BENJAMIN 4.3 N	**48.0**			1.2	34.6			19.1		
~	*	PORTER HYBRIDS PH 4419N	46.4			1.3	35.5			17.9		
~	*	SCHILLINGER SEED 447.TC	41.0			1.3	37.9			17.8		
~		STEYER 434	40.1			1.2	36.9			18.4		
~	*	STEYER 410	39.7			1.6	36.2			18.1		
~	*	L&M GLICK 53	39.0			1.6	35.7			18.7		
~	*	SCHILLINGER SEED 435.TCS	38.1			1.1	37.0			18.3		
	*	CAVERNDALE CF 422 RR/STSn	46.6	43.7	**49.4**	1.1	36.8	37.4	36.9	18.9	18.4	**18.7**
	*	CAVERNDALE CF 447 RR/STSn	46.4	**44.6**		1.1	35.6	36.2		18.9	18.5	
	*	CAVERNDALE CF 410 RR/STSn	46.4	43.7		1.1	36.8	37.5		17.8	16.9	
	*	NK BRAND S44-D5	46.3	44.2		1.4	35.7	36.4		18.3	17.7	
	*	DELTA GROW 4470 RR/STS	45.0	42.0		1.4	34.9	35.7		19.2	18.7	
	*	BECK 445NRR	44.3			1.1	35.5			18.7		
	*	SOUTHERN CROSS CALEB 4.4 N, RR, STS	44.2	41.2		1.1	36.2	36.1		18.8	18.4	
	*	STEYER 4430RR	44.1	42.9		1.3	35.1	35.9		18.9	18.7	
	*	SOUTHERN STATES RT 4551N	43.6	40.0	45.8	1.6	35.2	37.1	**37.6**	19.3	18.2	18.2
	*	BECK 422NRR	42.7	41.8	48.0	1.3	35.9	36.4	36.6	19.3	18.5	**18.7**
	*	SOUTHERN STATES RT 4451N	42.6	40.8	46.1	1.4	36.7	36.6	36.3	17.9	17.6	17.8
	*	PIONEER 94M50	42.4	43.1	48.8	1.2	36.2	35.9	36.4	19.2	18.4	18.5
	*	SCHILLINGER SEED 457.RCP	42.4	38.8		1.9	35.3	36.3		18.9	18.2	
	*	STEYER 4040RR	41.9	43.0		1.6	37.3	37.7		18.7	18.1	
	*	PROGENY P4405 RR	41.5	38.3		1.7	35.8	37.1		18.1	17.2	
	*	ASGROW DKB42-51	41.5	40.3	47.1	1.3	33.7	34.2	34.7	19.3	18.3	18.3
	*	ASGROW AG4404	41.3	39.1	46.0	1.3	37.0	37.0	36.9	18.5	17.7	18.0
		HORNBECK HBK R4527	41.1	36.2		1.8	37.2	38.6		18.2	17.3	
	*	VIGORO V40N8RS	40.9	40.3		1.3	35.8	36.8		19.5	**19.0**	
	*	ASGROW AG4303	47.5			1.2	35.6			18.7		
	*	PIONEER 94Y01	47.2			1.6	34.5			19.4		
	*	ARMOR 42-M1	46.7			1.1	37.2			17.6		
	*	TRISOY 4184RR(CN)	46.3			1.2	35.8			18.8		
	*	VIGORO V44N9RS	46.2			1.2	36.2			18.4		
	*	PROGENY P4206 RR	45.6	44.0		1.3	36.3	36.5		18.7	18.6	
	*	CROW'S C4119R	45.5			1.2	36.9			18.3		
	*	PIONEER 94Y20	45.4			1.5	37.3			18.8		
	*	ARMOR 44-K6	45.4			1.1	36.5			18.1		
	*	NK BRAND S43-N6	45.4			1.2	35.5			17.3		
	*	DELTA GROW 4460 RR	45.4	41.0	46.6	1.7	35.2	36.5	36.4	18.9	17.9	18.1
	*	VIGORO V42N9RS	45.3			1.2	35.3			18.4		
	*	SOUTHERN STATES RT 4470N	45.2	44.0		1.1	36.2	36.3		18.3	18.3	
	*	SOUTHERN CROSS LOT 4.1 N, RR, STS	45.2			1.2	36.7			18.4		
	*	DYNA-GRO 35D44	45.1	42.4		1.3	36.5	37.5		19.1	18.1	
	*	DELTA GROW 4150 RR	45.1	41.6	48.2	1.3	36.2	37.3	37.3	18.3	17.5	17.7
	*	TRISOY 4586RR(CN)	45.1			1.2	35.5			18.8		
	*	SEED CONSULTANTS SC 9419RR	44.9			1.1	36.0			18.5		
	*	SEED CONSULTANTS SCS 9448RR	44.8			1.5	35.9			18.4		
	*	TRISOY 4475RR(CN)	44.4			1.3	36.3			18.2		
	*	SOUTHERN CROSS JERICHO 4.2 N, RR	43.5			1.1	35.1			18.4		
	*	DYNA-GRO 38C42	43.4	42.5		1.1	36.1	36.7		19.1	18.5	
	*	SOUTHERN STATES RT 4370N	43.3	39.0		1.8	35.7	36.1		**19.6**	18.7	
	*	DYNA-GRO 33A40	43.2			1.4	35.6			19.4		
	*	ASGROW AG4005	43.2			1.0	36.0			18.0		
	*	DAIRYLAND 4300/RR	43.0			1.5	35.1			19.4		
	*	SEED CONSULTANTS SC 9408RR	43.0			1.2	36.0			17.3		
	*	DYNA-GRO 36C44	42.6			1.1	36.1			18.0		
	*	DAIRYLAND 4500/RRSTS	42.4			1.4	35.6			19.3		
	*	L&M GLICK 843RR	41.4			1.6	35.5			19.5		
	*	SEED CONSULTANTS SC 9459RR	41.3			1.5	35.3			18.9		
	*	SEED CONSULTANTS SCS 9409RR	41.1			1.2	37.1			17.8		
	*	CROW'S C4519R	39.6			1.3	36.6			18.5		
	*	UNISOUTH GENETICS USG 74C36	38.7			1.7	37.3			17.4		
		EARLY GROUP IV AVERAGE	43.3	41.3	47.3	1.3	36.2	36.8	36.6	18.5	18.0	18.2
		LSD (0.10)	2.5	3.5	2.6	0.1						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 SORTED BY TYPE (NS, EXP, ~)

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP LATE IV (RELATIVE MG 4.6-4.9)										
EXP	*	NK BRAND XR4881	44.8			1.2	34.7			18.6		
EXP	*	DAIRYLAND 47-001/RR	38.1	35.7		1.5	35.4	36.1		18.7	18.4	
~P		PENNYRILE (long term check-released 1987)	38.3	35.8		1.5	37.0	38.0		19.1	18.6	
~NS		KS4607 (high protein)	36.3	35.3		1.3	**39.4**	39.4		18.4	17.6	
~	*	SCHILLINGER SEED 477.TCS	38.6			1.3	37.9			18.0		
	*	SOUTHERN STATES RT 4996N	41.6	40.0	46.0	1.6	36.0	37.5	37.1	19.7	18.4	18.6
	*	DELTA GROW 4780 RR	41.5	38.8		1.4	35.0	35.8		19.5	18.9	
	*	SOUTHERN STATES RT 4777N	41.4	42.6	47.9	1.4	35.0	36.3	36.5	19.1	18.4	18.5
	*	NK BRAND S45-E5	36.9			1.4	36.7			18.7		
	*	PIONEER 94Y70	**46.6**			1.7	34.9			19.5		
	*	ASGROW DKB46-51	46.5	42.2	47.3	1.4	36.4	37.9	37.8	19.1	18.3	18.2
	*	ASGROW AG4606	46.5			1.4	34.7			21.0		
	*	PROGENY P4908 RR	46.3			1.5	35.2			18.8		
	*	ARMOR 48-J3	46.1	45.1		1.4	37.4	38.7		18.7	18.1	
	*	DELTA GROW 4970 RR	45.9	40.6	47.2	1.9	36.3	38.1	37.5	18.9	17.9	17.9
	*	BECK 474NRR	45.7			1.3	37.0			17.8		
		ASGROW AG4903	45.5	42.5	48.0	1.4	36.8	37.2	36.5	19.3	18.7	18.7
	*	UNISOUTH GENETICS USG 74A76	45.4	42.7	48.0	1.6	35.1	37.2	36.6	19.3	18.0	18.2
	*	VIGORO V47N9RS	45.3			1.3	35.7			19.6		
	*	CROW'S C4820R	45.0			1.3	35.9			19.5		
		DELTA GROW 4870 RR	45.0			1.5	37.2			17.7		
	*	SEED CONSULTANTS SCS 9479RR	45.0			1.4	35.1			19.2		
	*	UNISOUTH GENETICS USG 74G78	45.0			1.1	33.9			19.6		
	*	SOUTHERN CROSS RUFUS 4.7 N, RR, STS	44.6			1.2	35.6			19.7		
	*	PROGENY P4606 RR	44.4	43.3		1.2	33.7	35.7		19.6	18.5	
	*	SOUTHERN STATES RT 4808N	44.4	43.9	**49.2**	1.6	35.6	37.0	36.0	19.0	17.6	17.8
		DAIRYLAND 8482/RR	44.4	42.0		1.5	35.8	37.2		18.9	18.3	
	*	SOUTHERN STATES RT 4888N	44.2			1.4	36.8			18.1		
	*	PROGENY P4918 RR	44.2			1.6	37.4			17.8		
	*	HORNBECK HBK R4924	44.1	43.6	48.3	1.6	35.9	37.2	36.4	19.1	18.0	18.2
	*	NK BRAND S49-Q9	44.0	38.9	46.0	1.8	34.8	36.9	36.6	18.9	17.1	17.3
	*	ASGROW AG4907	43.9			1.6	35.3			18.7		
	*	ASGROW AG4705	43.8			2.0	35.7			20.3		
	*	NK BRAND S47-D9	43.8	**45.3**		1.1	34.1	35.8		19.6	18.7	
	*	SCHILLINGER SEED 495.RC	43.7	41.9	46.6	1.9	36.6	38.2	37.7	18.3	17.6	17.7
	*	SOUTHERN STATES RT 4760N	43.6	40.8	46.6	1.7	35.5	37.5	37.6	19.2	18.0	18.0
	*	ARMOR 47-F8	43.5	42.5		1.1	34.0	35.7		19.3	18.7	
	*	VIGORO V48N7RS	43.4	42.0		1.1	34.0	34.8		19.5	19.0	
	*	PROGENY P4718 RR	43.4			1.4	37.3			18.0		
	*	HORNBECK HBK R4727	43.3	40.7		1.4	35.0	35.8		19.0	18.2	
	*	STINE 4782-4	43.3	42.0	49.1	1.2	33.5	35.7	35.2	19.9	19.5	19.4
	*	CAVERNDALE CF 470 RR/STSn	43.2	42.4		1.1	34.5	35.5		19.7	19.1	
		DELTA GROW 4975 LARR	43.2	40.7		1.4	35.8	37.2		18.8	17.7	
	*	STEYER 4620RR	43.2			1.2	35.6			19.7		
		PROGENY P4906 RR	43.1	39.4		1.4	35.2	36.9		18.6	17.9	
	*	SEED CONSULTANTS SC 9468RR	43.1	41.2		1.2	33.1	34.5		20.1	19.5	
	*	ASGROW AG4703	43.0	41.8	47.4	1.2	37.3	37.9	37.3	17.9	17.3	17.5
	*	ASGROW AG4605	42.7	39.1		1.3	34.5	36.1		19.0	18.6	
	*	VIGORO V49N6RR	42.7	42.1	48.2	1.7	36.5	37.8	37.4	19.0	18.0	18.0
	*	PIONEER 94Y90	42.5			1.6	36.3			19.4		
	*	DELTA GROW 4770 RR	42.2	41.5		1.6	35.3	37.4		19.0	18.1	
	*	PIONEER 94Y60	42.0			1.2	38.7			17.6		
	*	PROGENY P4807 RR	41.9	38.7		1.5	34.7	35.9		19.2	18.3	
	*	SOUTHERN CROSS ELI 4.7 N, RR, STS	41.8	41.7	49.0	1.2	34.0	35.0	34.7	19.8	19.7	**19.7**
	*	PROGENY P4706 RR	41.7	40.5		1.6	35.4	36.9		19.1	18.2	
	*	VIGORO V47N8RR	41.7			1.3	34.8			19.3		
	*	ARMOR ARX4717	41.2			1.2	36.1			19.0		
	*	TRISOY 4760RR(CN)	41.2	39.0		1.2	32.5	34.1		**21.5**	**20.3**	
	*	DELTA GROW 4840 RR	41.1	39.7	44.6	1.7	35.3	36.8	36.7	18.1	16.8	17.4
		PROGENY P4949 RR	40.7	40.4		1.5	35.4	37.6		19.9	18.1	
	*	UNISOUTH GENETICS USG 74T98	40.0			2.2	36.2			18.3		
	*	SOUTHERN CROSS GALILEE 4.7 N, RR	39.9	39.4		1.3	35.3	36.2		19.2	18.9	
	*	PIONEER 94M80	39.6	37.0	43.5	1.4	38.4	**39.7**	**38.9**	17.6	17.1	17.4
	*	SOUTHERN CROSS HIRAM 4.9 N, RR	39.2	38.6		1.4	35.6	36.1		18.9	17.7	
	*	UNISOUTH GENETICS USG 7484nRR	39.1			1.7	35.7			17.9		
	*	SCHILLINGER SEED 478.RCS	36.2			1.5	35.1			18.6		
		LATE GROUP IV AVERAGE	42.8	40.8	47.2	1.4	35.6	36.8	36.9	19.0	18.3	18.1
		LSD (0.10)	2.2	3.8	2.5	0.1						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 SORTED BY TYPE (NS, EXP, ~)

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP V										
EXP-NS		V01-1702 (3.5% linolenic)	37.8			1.8	36.6			19.4		
EXP-NS		V01-1693 (3.5% linolenic)	37.3			1.9	36.7			18.7		
~P	*	KS5004N	**45.8**			2.1	35.8			19.0		
~P		TEEJAY	43.1	40.3	46.0	1.8	35.8	37.7	37.0	18.4	17.5	17.6
~P		V98-2711	39.8			2.3	38.3			18.0		
~P		JAKE	37.8	36.9	43.3	1.6	38.2	38.0	37.2	17.0	17.2	17.4
~P		ESSEX (long term check-released 1974)	37.5	35.2		2.0	38.3	**39.9**		18.0	17.4	
~		UNISOUTH GENETICS USG 5002T	44.5	40.4	47.1	2.2	36.1	37.5	37.0	18.7	18.1	18.1
~		UNISOUTH GENETICS USG 5601T	42.7	**41.0**	**47.8**	2.1	37.3	38.5	38.3	18.4	17.6	17.3
~		PROGENY P5770	36.0			2.7	37.1			18.6		
~		HORNBECK HBK C4926	33.8			1.6	36.5			18.7		
	*	DAIRYLAND 8509/RR	42.3	38.0		1.8	36.6	37.8		19.3	18.2	
	*	STINE 5482-4	40.4	37.7		1.6	36.3	37.2		18.5	18.1	
	*	SOUTHERN CROSS DAMASCUS 5.0 N, RR, STS	38.8	35.2	43.0	1.7	36.3	38.4	38.0	19.7	18.7	**18.6**
	*	DELTA GROW 5300 RR	38.8	36.1		2.3	37.3	38.4		17.5	16.6	
	*	PROGENY P5115 RR	38.6	34.9		1.6	35.2	36.0		19.6	18.8	
	*	UNISOUTH GENETICS USG 75J47	38.5	37.5		1.9	37.5	37.8		18.0	17.7	
	*	PROGENY P5107 RR	37.5	32.1		2.1	36.5	38.5		18.4	17.3	
	*	UNISOUTH GENETICS USG 75J32	37.1	34.9	42.4	1.9	37.1	38.6	37.9	18.3	17.1	17.3
	*	DELTA GROW 5470 RR	35.9	34.6		1.6	37.6	38.6		17.4	17.1	
	*	DELTA KING DK52K6	35.7	36.5	43.6	2.4	**39.1**	39.7	**39.0**	17.3	17.0	17.2
	*	DELTA GROW 5170 RR	41.8			1.1	35.1			19.1		
	*	ARMOR 53-Z5	40.7			1.8	37.2			18.0		
	*	PROGENY P5408 RR	40.6			2.0	37.5			17.8		
	*	SCHILLINGER SEED 557.RC	39.8			1.9	37.3			17.7		
	*	DELTA GROW 5160 RR/STS	39.4	37.0	45.0	1.7	36.3	38.5	38.2	**20.1**	**18.8**	**18.6**
	*	PROGENY P5208 RR	38.9			1.5	36.7			18.7		
	*	PROGENY P5218 RR	38.4			2.7	36.8			18.4		
	*	PROGENY P5108 RR	38.2			1.5	37.8			18.2		
	*	PROGENY P5308 RR	37.7			1.7	37.1			18.4		
	*	PIONEER 95Y20	37.0			1.8	36.1			18.4		
	*	DAIRYLAND 8512/RR	36.9			1.6	37.7			18.5		
	*	SOUTHERN STATES RT 5160N	36.9	36.3	42.7	2.0	37.4	38.0	37.1	17.4	17.2	17.5
		UNISOUTH GENETICS USG ALLEN	36.6	35.0	42.9	2.0	37.2	38.2	37.6	17.9	17.5	17.2
	*	SOUTHERN STATES RT 5540N	36.6	35.2	41.6	2.4	38.8	39.4	38.5	18.1	17.5	17.7
	*	DELTA GROW 5450 RR	36.1			1.8	37.6			17.4		
		GROUP V AVERAGE	38.8	36.6	44.1	1.9	37.0	38.2	37.8	18.4	17.6	17.7
		LSD (0.10)	1.8	3.5	2.7	0.2						
		GRAND MEAN	42.2	40.1	46.1	1.5	36.3	37.1	37.1	18.6	18.1	18.1

~ Variety is not Roundup Ready. All varieties without a tilda (~) prefix are Roundup Ready.

* Resistant to soybean cyst nematode. See Table 3. Company Disease Resistance Specifications for details.

P Entries with a P prefix are public varieties.

NS Entries with a NS prefix are novel soybean varieties that are emerging from both the public and private sectors. Some of these value-added soybean types will supply relatively small market niches, while others may be of much broader market value. Testing novel soybeans will enable producers to assess whether premiums for a given trait offset possible yield lag/drag.

EXP Entries with an EXP prefix are varieties that are still under development or soon to be released.

A Within a maturity group, shaded yields are not significantly different (0.10 level) from the highest yielding cultivar (bold data) of that maturity group and year column.

B Variety protein and oil concentration was determined at the Hancock Co. location (all test locations for NS entries) and expressed on the basis of 13% moisture. The 2008 data were provided by the University of Kentucky using near-infrared (NIR) analysis. The 2007 and 2006 data were provided by the Iowa State University Grain Quality Analysis Services using near-infrared (NIR) analysis.

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 — SORTED BY TYPE (* =SCN RESISTANCE)

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
	sort											
		MATURITY GROUP II-III (RELATIVE MG 2.7-3.9)										
	*	SEED CONSULTANTS SCS 9398RR	**47.7**			1.6	36.8			18.8		
	*	ARMOR ARX938	47.6			1.5	35.6			18.0		
	*	NK BRAND S39-A3	47.2	**44.3**		1.5	34.6	35.2		18.5	18.1	
	*	PIONEER 93Y20	46.7			1.9	36.6			19.1		
	*	SOUTHERN STATES RT 3871N	46.6	42.2		1.3	35.9	36.7		19.3	18.6	
	*	NK BRAND S37-P5	46.2	42.9		1.7	35.6	35.9		18.2	18.3	
	*	ASGROW AG3803	46.1	43.9		1.3	36.9	36.9		18.3	18.2	
~	*	EBBERTS 3386	46.0	42.1		1.7	36.7	37.3		18.5	18.0	
	*	NK BRAND S38-D5	45.6	42.2		1.4	35.8	36.3		17.7	17.1	
	*	SOUTHERN CROSS LUCAS 3.8 N, RR	45.6	42.4		1.4	36.7	37.4		17.5	17.1	
	*	PROGENY P3906 RR	45.6			1.5	37.4			18.4		
	*	SOUTHERN STATES RT 3971N	44.9	42.7		1.2	36.4	37.1		17.5	17.3	
	*	VIGORO V37N8RR	44.8			1.1	36.2			17.9		
	*	BECK 399NRR	44.4	42.1		1.2	36.9	37.3		18.0	17.1	
	*	SEED CONSULTANTS SC 9389RR	43.9			1.3	36.2			17.9		
	*	DYNA-GRO 32X39	43.6			1.3	36.7			17.6		
~	*	PORTER HYBRIDS PH 4385N	43.6			1.7	35.4			18.0		
	*	EBBERTS 1365RR	43.3	43.2	46.8	1.7	**39.2**	**39.6**	**39.8**	16.9	16.7	16.8
	*	EBBERTS 1378RR	43.1	41.9		1.4	36.7	37.8		17.7	17.2	
NS	*	ASGROW AG3121V (low linolenic)	42.8	41.3		1.7	37.0	37.0		18.5	18.2	
	*	ASGROW AG3603	42.7	41.1		1.1	37.1	37.6		17.8	17.4	
	*	ASGROW AG3705	42.5	41.7	**48.2**	1.1	34.9	35.4	35.6	18.3	17.8	18.2
	*	BECK 364NRR	42.4			1.4	36.7			17.6		
NS	*	ASGROW AG35-21V (low linolenic)	41.9	40.2		1.2	35.9	36.0		19.1	18.7	
	*	ASGROW AG3906	41.8	40.8	47.0	1.1	36.2	36.3	36.5	18.8	18.6	**18.9**
	*	ARMOR 38-G2	41.7			1.5	37.1			17.5		
	*	CROW'S C3916R	41.7	41.6		1.2	37.3	37.8		17.8	17.5	
~	*	PORTER HYBRIDS PH 4360N	41.6			1.5	36.6			18.0		
~NS	*	SCHILLINGER SEED 397.TCL (low linolenic)	41.6	39.3		1.1	37.6	37.5		19.5	19.2	
	*	EBBERTS 1386RR	41.2	38.2	45.3	1.6	36.2	36.6	36.7	18.5	18.2	18.5
NS	*	ASGROW AG2921V (low linolenic)	41.2	38.7		1.0	35.5	36.1		**19.8**	19.4	
	*	VIGORO V39N9RR	41.0			1.3	35.3			18.9		
	*	SEED CONSULTANTS SC 9386RR	39.8	38.4	44.8	2.1	36.4	37.0	37.6	18.2	18.0	18.3
NS	*	ASGROW AG2822V (low linolenic)	37.9	38.9		1.3	36.9	37.2		19.7	**19.7**	
		HORNBECK HBK R3927	44.8	41.5		2.4	38.3	39.0		19.1	18.6	
~		PIONEER 93B82	43.1	39.8		1.8	37.6	37.6		18.5	18.5	
		SOUTHERN STATES RT 3860	41.7	40.4	46.4	1.1	35.0	35.8	35.9	18.9	18.4	18.7
NS		ASGROW DKB31-22V (low linolenic)	39.7			1.1	36.5			18.7		
~NS		IA3024 (low linolenic)	39.5	38.7		1.6	35.7	35.2		19.5	19.4	
~NS		IA3027 (large seed, high protein)	38.3	32.6	33.7	1.2	39.0	39.4	39.3	18.3	18.4	18.6
~NS		IA3025 (low linolenic)	32.8	28.7		1.5	36.7	36.9		19.2	18.9	
NS		ASGROW AG36-22V (low linolenic)	44.5			1.1	35.7			19.0		
~NS		IA3026 (low saturates)	42.2			1.9	34.7			19.3		
NS		DAIRYLAND DST37-000-UL (low linolenic)	39.7			1.7	36.8			18.5		
NS		DAIRYLAND DST37-001-UL (low linolenic)	39.0			1.8	37.4			18.2		
~		SEED CONSULTANT SC 388	38.5			1.6	38.0			18.1		
~NS		IA3036 (mid oleic)	36.4			1.8	38.1			18.2		
~NS		IA3041 (low linolenic)	35.9			1.5	36.5			18.4		
		GROUP III AVERAGE	42.5	40.4	44.6	1.4	36.6	37.0	37.3	18.4	18.1	18.3
		LSD (0.10)	2.2	3.3	2.8	0.2						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 **SORTED BY TYPE (* =SCN RESISTANCE)**

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP EARLY IV (RELATIVE MG 4.0-4.5)										
~	*	SOUTHERN CROSS BENJAMIN 4.3 N	**48.0**			1.2	34.6			19.1		
	*	ASGROW AG4303	47.5			1.2	35.6			18.7		
	*	PIONEER 94Y01	47.2			1.6	34.5			19.4		
	*	ARMOR 42-M1	46.7			1.1	37.2			17.6		
	*	CAVERNDALE CF 422 RR/STSn	46.6	43.7	**49.4**	1.1	36.8	37.4	36.9	18.9	18.4	**18.7**
~	*	PORTER HYBRIDS PH 4419N	46.4			1.3	35.5			17.9		
	*	CAVERNDALE CF 447 RR/STSn	46.4	**44.6**		1.1	35.6	36.2		18.9	18.5	
	*	CAVERNDALE CF 410 RR/STSn	46.4	43.7		1.1	36.8	37.5		17.8	16.9	
	*	NK BRAND S44-D5	46.3	44.2		1.4	35.7	36.4		18.3	17.7	
	*	TRISOY 4184RR(CN)	46.3			1.2	35.8			18.8		
	*	VIGORO V44N9RS	46.2			1.2	36.2			18.4		
	*	PROGENY P4206 RR	45.6	44.0		1.3	36.3	36.5		18.7	18.6	
	*	CROW'S C4119R	45.5			1.2	36.9			18.3		
	*	PIONEER 94Y20	45.4			1.5	37.3			18.8		
	*	ARMOR 44-K6	45.4			1.1	36.5			18.1		
	*	NK BRAND S43-N6	45.4			1.2	35.5			17.3		
	*	DELTA GROW 4460 RR	45.4	41.0	46.6	1.7	35.2	36.5	36.4	18.9	17.9	18.1
	*	VIGORO V42N9RS	45.3			1.2	35.3			18.4		
	*	SOUTHERN STATES RT 4470N	45.2	44.0		1.1	36.2	36.3		18.3	18.3	
	*	SOUTHERN CROSS LOT 4.1 N, RR, STS	45.2			1.2	36.7			18.4		
	*	DYNA-GRO 35D44	45.1	42.4		1.3	36.5	37.5		19.1	18.1	
	*	DELTA GROW 4150 RR	45.1	41.6	48.2	1.3	36.2	37.3	37.3	18.3	17.5	17.7
	*	TRISOY 4586RR(CN)	45.1			1.2	35.5			18.8		
	*	DELTA GROW 4470 RR/STS	45.0	42.0		1.4	34.9	35.7		19.2	18.7	
	*	SEED CONSULTANTS SC 9419RR	44.9			1.1	36.0			18.5		
	*	SEED CONSULTANTS SCS 9448RR	44.8			1.5	35.9			18.4		
EXP	*	SEED CONSULTANTS EXP 4242RR	44.6			1.1	36.4			18.3		
	*	TRISOY 4475RR(CN)	44.4			1.3	36.3			18.2		
	*	BECK 445NRR	44.3			1.1	35.5			18.7		
	*	SOUTHERN CROSS CALEB 4.4 N, RR, STS	44.2	41.2		1.1	36.2	36.1		18.8	18.4	
	*	STEYER 4430RR	44.1	42.9		1.3	35.1	35.9		18.9	18.7	
	*	SOUTHERN STATES RT 4551N	43.6	40.0	45.8	1.6	35.2	37.1	**37.6**	19.3	18.2	18.2
	*	SOUTHERN CROSS JERICHO 4.2 N, RR	43.5			1.1	35.1			18.4		
	*	DYNA-GRO 38C42	43.4	42.5		1.1	36.1	36.7		19.1	18.5	
	*	SOUTHERN STATES RT 4370N	43.3	39.0		1.8	35.7	36.1		**19.6**	18.7	
	*	DYNA-GRO 33A40	43.2			1.4	35.6			19.4		
	*	ASGROW AG4005	43.2			1.0	36.0			18.0		
	*	DAIRYLAND 4300/RR	43.0			1.5	35.1			19.4		
	*	SEED CONSULTANTS SC 9408RR	43.0			1.2	36.0			17.3		
	*	BECK 422NRR	42.7	41.8	48.0	1.3	35.9	36.4	36.6	19.3	18.5	**18.7**
	*	DYNA-GRO 36C44	42.6			1.1	36.1			18.0		
	*	SOUTHERN STATES RT 4451N	42.6	40.8	46.1	1.4	36.7	36.6	36.3	17.9	17.6	17.8
	*	PIONEER 94M50	42.4	43.1	48.8	1.2	36.2	35.9	36.4	19.2	18.4	18.5
	*	SCHILLINGER SEED 457.RCP	42.4	38.8		1.9	35.3	36.3		18.9	18.2	
	*	DAIRYLAND 4500/RRSTS	42.4			1.4	35.6			19.3		
~NS	*	SCHILLINGER SEED 448 F.HPC (high protein)	42.3			1.2	41.4			17.0		
	*	STEYER 4040RR	41.9	43.0		1.6	37.3	37.7		18.7	18.1	
	*	PROGENY P4405 RR	41.5	38.3		1.7	35.8	37.1		18.1	17.2	
	*	ASGROW DKB42-51	41.5	40.3	47.1	1.3	33.7	34.2	34.7	19.3	18.3	18.3
	*	L&M GLICK 843RR	41.4			1.6	35.5			19.5		
	*	ASGROW AG4404	41.3	39.1	46.0	1.3	37.0	37.0	36.9	18.5	17.7	18.0
	*	SEED CONSULTANTS SC 9459RR	41.3			1.5	35.3			18.9		
	*	SEED CONSULTANTS SCS 9409RR	41.1			1.2	37.1			17.8		
~	*	SCHILLINGER SEED 447.TC	41.0			1.3	37.9			17.8		
	*	VIGORO V40N8RS	40.9	40.3		1.3	35.8	36.8		19.5	**19.0**	
~NS	*	SCHILLINGER SEED 428 F.HPC (high protein)	40.8			1.4	**41.8**			17.0		
~	*	STEYER 410	39.7			1.6	36.2			18.1		
	*	CROW'S C4519R	39.6			1.3	36.6			18.5		
~	*	L&M GLICK 53	39.0			1.6	35.7			18.7		
	*	UNISOUTH GENETICS USG 74C36	38.7			1.7	37.3			17.4		
~	*	SCHILLINGER SEED 435.TCS	38.1			1.1	37.0			18.3		
		HORNBECK HBK R4527	41.1	36.2		1.8	37.2	38.6		18.2	17.3	
~NS		SCHILLINGER SEED 446 F.HP (high protein)	37.7	35.4		1.2	39.5	**40.7**		16.7	15.5	
~NS		SCHILLINGER SEED 438.TL (low linolenic)	36.9			1.3	35.6			19.0		
EXP		PROGENY P4508 RR	43.8			1.4	34.6			19.5		
EXP		PROGENY P4408 RR	43.0			1.1	35.7			18.5		
~		STEYER 434	40.1			1.2	36.9			18.4		
~NS		SCHILLINGER SEED XP44.TL (low linolenic)	37.3			1.2	35.4			19.5		
		EARLY GROUP IV AVERAGE	43.3	41.3	47.3	1.3	36.2	36.8	36.6	18.5	18.0	18.2
		LSD (0.10)	2.5	3.5	2.6	0.1						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 **SORTED BY TYPE (* =SCN RESISTANCE)**

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP LATE IV (RELATIVE MG 4.6-4.9)										
	*	PIONEER 94Y70	**46.6**			1.7	34.9			19.5		
	*	ASGROW DKB46-51	46.5	42.2	47.3	1.4	36.4	37.9	37.8	19.1	18.3	18.2
	*	ASGROW AG4606	46.5			1.4	34.7			21.0		
	*	PROGENY P4908 RR	46.3			1.5	35.2			18.8		
	*	ARMOR 48-J3	46.1	45.1		1.4	37.4	38.7		18.7	18.1	
	*	DELTA GROW 4970 RR	45.9	40.6	47.2	1.9	36.3	38.1	37.5	18.9	17.9	17.9
	*	BECK 474NRR	45.7			1.3	37.0			17.8		
	*	UNISOUTH GENETICS USG 74A76	45.4	42.7	48.0	1.6	35.1	37.2	36.6	19.3	18.0	18.2
	*	VIGORO V47N9RS	45.3			1.3	35.7			19.6		
	*	CROW'S C4820R	45.0			1.3	35.9			19.5		
	*	SEED CONSULTANTS SCS 9479RR	45.0			1.4	35.1			19.2		
	*	UNISOUTH GENETICS USG 74G78	45.0			1.1	33.9			19.6		
EXP	*	NK BRAND XR4881	44.8			1.2	34.7			18.6		
	*	SOUTHERN CROSS RUFUS 4.7 N, RR, STS	44.6			1.2	35.6			19.7		
	*	PROGENY P4606 RR	44.4	43.3		1.2	33.7	35.7		19.6	18.5	
	*	SOUTHERN STATES RT 4808N	44.4	43.9	**49.2**	1.6	35.6	37.0	36.0	19.0	17.6	17.8
	*	SOUTHERN STATES RT 4888N	44.2			1.4	36.8			18.1		
	*	PROGENY P4918 RR	44.2			1.6	37.4			17.8		
	*	HORNBECK HBK R4924	44.1	43.6	48.3	1.6	35.9	37.2	36.4	19.1	18.0	18.2
	*	NK BRAND S49-Q9	44.0	38.9	46.0	1.8	34.8	36.9	36.6	18.9	17.1	17.3
	*	ASGROW AG4907	43.9			1.6	35.3			18.7		
	*	ASGROW AG4705	43.8			2.0	35.7			20.3		
	*	NK BRAND S47-D9	43.8	**45.3**		1.1	34.1	35.8		19.6	18.7	
	*	SCHILLINGER SEED 495.RC	43.7	41.9	46.6	1.9	36.6	38.2	37.7	18.3	17.6	17.7
	*	SOUTHERN STATES RT 4760N	43.6	40.8	46.6	1.7	35.5	37.5	37.6	19.2	18.0	18.0
	*	ARMOR 47-F8	43.5	42.5		1.1	34.0	35.7		19.3	18.7	
	*	VIGORO V48N7RS	43.4	42.0		1.1	34.0	34.8		19.5	19.0	
	*	PROGENY P4718 RR	43.4			1.4	37.3			18.0		
	*	HORNBECK HBK R4727	43.3	40.7		1.4	35.0	35.8		19.0	18.2	
	*	STINE 4782-4	43.3	42.0	49.1	1.2	33.5	35.7	35.2	19.9	19.5	19.4
	*	CAVERNDALE CF 470 RR/STSn	43.2	42.4		1.1	34.5	35.5		19.7	19.1	
	*	STEYER 4620RR	43.2			1.2	35.6			19.7		
	*	SEED CONSULTANTS SC 9468RR	43.1	41.2		1.2	33.1	34.5		20.1	19.5	
	*	ASGROW AG4703	43.0	41.8	47.4	1.2	37.3	37.9	37.3	17.9	17.3	17.5
	*	ASGROW AG4605	42.7	39.1		1.3	34.5	36.1		19.0	18.6	
	*	VIGORO V49N6RR	42.7	42.1	48.2	1.7	36.5	37.8	37.4	19.0	18.0	18.0
	*	PIONEER 94Y90	42.5			1.6	36.3			19.4		
	*	DELTA GROW 4770 RR	42.2	41.5		1.6	35.3	37.4		19.0	18.1	
	*	PIONEER 94Y60	42.0			1.2	38.7			17.6		
	*	PROGENY P4807 RR	41.9	38.7		1.5	34.7	35.9		19.2	18.3	
	*	SOUTHERN CROSS ELI 4.7 N, RR, STS	41.8	41.7	49.0	1.2	34.0	35.0	34.7	19.8	19.7	**19.7**
	*	PROGENY P4706 RR	41.7	40.5		1.6	35.4	36.9		19.1	18.2	
	*	VIGORO V47N8RR	41.7			1.3	34.8			19.3		
	*	SOUTHERN STATES RT 4996N	41.6	40.0	46.0	1.6	36.0	37.5	37.1	19.7	18.4	18.6
	*	DELTA GROW 4780 RR	41.5	38.8		1.4	35.0	35.8		19.5	18.9	
	*	SOUTHERN STATES RT 4777N	41.4	42.6	47.9	1.4	35.0	36.3	36.5	19.1	18.4	18.5
	*	ARMOR ARX4717	41.2			1.2	36.1			19.0		
	*	TRISOY 4760RR(CN)	41.2	39.0		1.2	32.5	34.1		**21.5**	**20.3**	
	*	DELTA GROW 4840 RR	41.1	39.7	44.6	1.7	35.3	36.8	36.7	18.1	16.8	17.4
	*	UNISOUTH GENETICS USG 74T98	40.0			2.2	36.2			18.3		
	*	SOUTHERN CROSS GALILEE 4.7 N, RR	39.9	39.4		1.3	35.3	36.2		19.2	18.9	
	*	PIONEER 94M80	39.6	37.0	43.5	1.4	38.4	**39.7**	**38.9**	17.6	17.1	17.4
	*	SOUTHERN CROSS HIRAM 4.9 N, RR	39.2	38.6		1.4	35.6	36.1		18.9	17.7	
	*	UNISOUTH GENETICS USG 7484nRR	39.1			1.7	35.7			17.9		
~	*	SCHILLINGER SEED 477.TCS	38.6			1.3	37.9			18.0		
EXP	*	DAIRYLAND 47-001/RR	38.1	35.7		1.5	35.4	36.1		18.7	18.4	
	*	NK BRAND S45-E5	36.9			1.4	36.7			18.7		
	*	SCHILLINGER SEED 478.RCS	36.2			1.5	35.1			18.6		
		ASGROW AG4903	45.5	42.5	48.0	1.4	36.8	37.2	36.5	19.3	18.7	18.7
		DAIRYLAND 8482/RR	44.4	42.0		1.5	35.8	37.2		18.9	18.3	
		DELTA GROW 4975 LARR	43.2	40.7		1.4	35.8	37.2		18.8	17.7	
		PROGENY P4906 RR	43.1	39.4		1.4	35.2	36.9		18.6	17.9	
		PROGENY P4949 RR	40.7	40.4		1.5	35.4	37.6		19.9	18.1	
~P		PENNYRILE (long term check-released 1987)	38.3	35.8		1.5	37.0	38.0		19.1	18.6	
~NS		KS4607 (high protein)	36.3	35.3		1.3	**39.4**	39.4		18.4	17.6	
		DELTA GROW 4870 RR	45.0			1.5	37.2			17.7		
		LATE GROUP IV AVERAGE	42.8	40.8	47.2	1.4	35.6	36.8	36.9	19.0	18.3	18.1
		LSD (0.10)	2.2	3.8	2.5	0.1						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 SORTED BY TYPE (* =SCN RESISTANCE)

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP V										
~P	*	KS5004N	**45.8**			2.1	35.8			19.0		
	*	DAIRYLAND 8509/RR	42.3	38.0		1.8	36.6	37.8		19.3	18.2	
	*	DELTA GROW 5170 RR	41.8			1.1	35.1			19.1		
	*	ARMOR 53-Z5	40.7			1.8	37.2			18.0		
	*	PROGENY P5408 RR	40.6			2.0	37.5			17.8		
	*	STINE 5482-4	40.4	37.7		1.6	36.3	37.2		18.5	18.1	
	*	SCHILLINGER SEED 557.RC	39.8			1.9	37.3			17.7		
	*	DELTA GROW 5160 RR/STS	39.4	37.0	45.0	1.7	36.3	38.5	38.2	**20.1**	**18.8**	**18.6**
	*	PROGENY P5208 RR	38.9			1.5	36.7			18.7		
	*	SOUTHERN CROSS DAMASCUS 5.0 N, RR, STS	38.8	35.2	43.0	1.7	36.3	38.4	38.0	19.7	18.7	**18.6**
	*	DELTA GROW 5300 RR	38.8	36.1		2.3	37.3	38.4		17.5	16.6	
	*	PROGENY P5115 RR	38.6	34.9		1.6	35.2	36.0		19.6	18.8	
	*	UNISOUTH GENETICS USG 75J47	38.5	37.5		1.9	37.5	37.8		18.0	17.7	
	*	PROGENY P5218 RR	38.4			2.7	36.8			18.4		
	*	PROGENY P5108 RR	38.2			1.5	37.8			18.2		
	*	PROGENY P5308 RR	37.7			1.7	37.1			18.4		
	*	PROGENY P5107 RR	37.5	32.1		2.1	36.5	38.5		18.4	17.3	
	*	UNISOUTH GENETICS USG 75J32	37.1	34.9	42.4	1.9	37.1	38.6	37.9	18.3	17.1	17.3
	*	PIONEER 95Y20	37.0			1.8	36.1			18.4		
	*	DAIRYLAND 8512/RR	36.9			1.6	37.7			18.5		
	*	SOUTHERN STATES RT 5160N	36.9	36.3	42.7	2.0	37.4	38.0	37.1	17.4	17.2	17.5
	*	SOUTHERN STATES RT 5540N	36.6	35.2	41.6	2.4	38.8	39.4	38.5	18.1	17.5	17.7
	*	DELTA GROW 5450 RR	36.1			1.8	37.6			17.4		
	*	DELTA GROW 5470 RR	35.9	34.6		1.6	37.6	38.6		17.4	17.1	
	*	DELTA KING DK52K6	35.7	36.5	43.6	2.4	**39.1**	39.7	**39.0**	17.3	17.0	17.2
~		UNISOUTH GENETICS USG 5002T	44.5	40.4	47.1	2.2	36.1	37.5	37.0	18.7	18.1	18.1
~P		TEEJAY	43.1	40.3	46.0	1.8	35.8	37.7	37.0	18.4	17.5	17.6
~		UNISOUTH GENETICS USG 5601T	42.7	**41.0**	**47.8**	2.1	37.3	38.5	38.3	18.4	17.6	17.3
~P		V98-2711	39.8			2.3	38.3			18.0		
~P		JAKE	37.8	36.9	43.3	1.6	38.2	38.0	37.2	17.0	17.2	17.4
EXP-NS		V01-1702 (3.5% linolenic)	37.8			1.8	36.6			19.4		
~P		ESSEX (long term check-released 1974)	37.5	35.2		2.0	38.3	**39.9**		18.0	17.4	
EXP-NS		V01-1693 (3.5% linolenic)	37.3			1.9	36.7			18.7		
		UNISOUTH GENETICS USG ALLEN	36.6	35.0	42.9	2.0	37.2	38.2	37.6	17.9	17.5	17.2
~		PROGENY P5770	36.0			2.7	37.1			18.6		
~		HORNBECK HBK C4926	33.8			1.6	36.5			18.7		
		GROUP V AVERAGE	38.8	36.6	44.1	1.9	37.0	38.2	37.8	18.4	17.6	17.7
		LSD (0.10)	1.8	3.5	2.7	0.2						
		GRAND MEAN	42.2	40.1	46.1	1.5	36.3	37.1	37.1	18.6	18.1	18.1

~ Variety is not Roundup Ready. All varieties without a tilda (~) prefix are Roundup Ready.

* Resistant to soybean cyst nematode. See Table 3. Company Disease Resistance Specifications for details.

P Entries with a P prefix are public varieties.

NS Entries with a NS prefix are novel soybean varieties that are emerging from both the public and private sectors. Some of these value-added soybean types will supply relatively small market niches, while others may be of much broader market value. Testing novel soybeans will enable producers to assess whether premiums for a given trait offset possible yield lag/drag.

EXP Entries with an EXP prefix are varieties that are still under development or soon to be released.

A Within a maturity group, shaded yields are not significantly different (0.10 level) from the highest yielding cultivar (bold data) of that maturity group and year column.

B Variety protein and oil concentration was determined at the Hancock Co. location (all test locations for NS entries) and expressed on the basis of 13% moisture. The 2008 data were provided by the University of Kentucky using near-infrared (NIR) analysis. The 2007 and 2006 data were provided by the Iowa State University Grain Quality Analysis Services using near-infrared (NIR) analysis.

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 — SORTED ALPHABETICALLY

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		sort alphabetically										
		MATURITY GROUP II-III (RELATIVE MG 2.7-3.9)										
	*	ARMOR 38-G2	41.7			1.5	37.1			17.5		
	*	ARMOR ARX938	47.6			1.5	35.6			18.0		
NS	*	ASGROW AG2822V (low linolenic)	37.9	38.9		1.3	36.9	37.2		19.7	**19.7**	
NS	*	ASGROW AG2921V (low linolenic)	41.2	38.7		1.0	35.5	36.1		**19.8**	19.4	
NS	*	ASGROW AG3121V (low linolenic)	42.8	41.3		1.7	37.0	37.0		18.5	18.2	
NS	*	ASGROW AG35-21V (low linolenic)	41.9	40.2		1.2	35.9	36.0		19.1	18.7	
	*	ASGROW AG3603	42.7	41.1		1.1	37.1	37.6		17.8	17.4	
NS		ASGROW AG36-22V (low linolenic)	44.5			1.1	35.7			19.0		
	*	ASGROW AG3705	42.5	41.7	**48.2**	1.1	34.9	35.4	35.6	18.3	17.8	18.2
	*	ASGROW AG3803	46.1	43.9		1.3	36.9	36.9		18.3	18.2	
	*	ASGROW AG3906	41.8	40.8	47.0	1.1	36.2	36.3	36.5	18.8	18.6	**18.9**
NS		ASGROW DKB31-22V (low linolenic)	39.7			1.1	36.5			18.7		
	*	BECK 364NRR	42.4			1.4	36.7			17.6		
	*	BECK 399NRR	44.4	42.1		1.2	36.9	37.3		18.0	17.1	
	*	CROW'S C3916R	41.7	41.6		1.2	37.3	37.8		17.8	17.5	
NS		DAIRYLAND DST37-000-UL (low linolenic)	39.7			1.7	36.8			18.5		
NS		DAIRYLAND DST37-001-UL (low linolenic)	39.0			1.8	37.4			18.2		
	*	DYNA-GRO 32X39	43.6			1.3	36.7			17.6		
	*	EBBERTS 1365RR	43.3	43.2	46.8	1.7	**39.2**	**39.6**	**39.8**	16.9	16.7	16.8
	*	EBBERTS 1378RR	43.1	41.9		1.4	36.7	37.8		17.7	17.2	
	*	EBBERTS 1386RR	41.2	38.2	45.3	1.6	36.2	36.6	36.7	18.5	18.2	18.5
~	*	EBBERTS 3386	46.0	42.1		1.7	36.7	37.3		18.5	18.0	
		HORNBECK HBK R3927	44.8	41.5		2.4	38.3	39.0		19.1	18.6	
~NS		IA3024 (low linolenic)	39.5	38.7		1.6	35.7	35.2		19.5	19.4	
~NS		IA3025 (low linolenic)	32.8	28.7		1.5	36.7	36.9		19.2	18.9	
~NS		IA3026 (low saturates)	42.2			1.9	34.7			19.3		
~NS		IA3027 (large seed, high protein)	38.3	32.6	33.7	1.2	39.0	39.4	39.3	18.3	18.4	18.6
~NS		IA3036 (mid oleic)	36.4			1.8	38.1			18.2		
~NS		IA3041 (low linolenic)	35.9			1.5	36.5			18.4		
	*	NK BRAND S37-P5	46.2	42.9		1.7	35.6	35.9		18.2	18.3	
	*	NK BRAND S38-D5	45.6	42.2		1.4	35.8	36.3		17.7	17.1	
	*	NK BRAND S39-A3	47.2	**44.3**		1.5	34.6	35.2		18.5	18.1	
~		PIONEER 93B82	43.1	39.8		1.8	37.6	37.6		18.5	18.5	
	*	PIONEER 93Y20	46.7			1.9	36.6			19.1		
~	*	PORTER HYBRIDS PH 4360N	41.6			1.5	36.6			18.0		
~	*	PORTER HYBRIDS PH 4385N	43.6			1.7	35.4			18.0		
	*	PROGENY P3906 RR	45.6			1.5	37.4			18.4		
~NS	*	SCHILLINGER SEED 397.TCL (low linolenic)	41.6	39.3		1.1	37.6	37.5		19.5	19.2	
~		SEED CONSULTANT SC 388	38.5			1.6	38.0			18.1		
	*	SEED CONSULTANTS SC 9386RR	39.8	38.4	44.8	2.1	36.4	37.0	37.6	18.2	18.0	18.3
	*	SEED CONSULTANTS SC 9389RR	43.9			1.3	36.2			17.9		
	*	SEED CONSULTANTS SCS 9398RR	**47.7**			1.6	36.8			18.8		
	*	SOUTHERN CROSS LUCAS 3.8 N, RR	45.6	42.4		1.4	36.7	37.4		17.5	17.1	
		SOUTHERN STATES RT 3860	41.7	40.4	46.4	1.1	35.0	35.8	35.9	18.9	18.4	18.7
	*	SOUTHERN STATES RT 3871N	46.6	42.2		1.3	35.9	36.7		19.3	18.6	
	*	SOUTHERN STATES RT 3971N	44.9	42.7		1.2	36.4	37.1		17.5	17.3	
	*	VIGORO V37N8RR	44.8			1.1	36.2			17.9		
	*	VIGORO V39N9RR	41.0			1.3	35.3			18.9		
		GROUP III AVERAGE	42.5	40.4	44.6	1.4	36.6	37.0	37.3	18.4	18.1	18.3
		LSD (0.10)	2.2	3.3	2.8	0.2						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 — SORTED ALPHABETICALLY

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP EARLY IV (RELATIVE MG 4.0-4.5)										
	*	ARMOR 42-M1	46.7			1.1	37.2			17.6		
	*	ARMOR 44-K6	45.4			1.1	36.5			18.1		
	*	ASGROW AG4005	43.2			1.0	36.0			18.0		
	*	ASGROW AG4303	47.5			1.2	35.6			18.7		
	*	ASGROW AG4404	41.3	39.1	46.0	1.3	37.0	37.0	36.9	18.5	17.7	18.0
	*	ASGROW DKB42-51	41.5	40.3	47.1	1.3	33.7	34.2	34.7	19.3	18.3	18.3
	*	BECK 422NRR	42.7	41.8	48.0	1.3	35.9	36.4	36.6	19.3	18.5	**18.7**
	*	BECK 445NRR	44.3			1.1	35.5			18.7		
	*	CAVERNDALE CF 410 RR/STSn	46.4	43.7		1.1	36.8	37.5		17.8	16.9	
	*	CAVERNDALE CF 422 RR/STSn	46.6	43.7	**49.4**	1.1	36.8	37.4	36.9	18.9	18.4	**18.7**
	*	CAVERNDALE CF 447 RR/STSn	46.4	**44.6**		1.1	35.6	36.2		18.9	18.5	
	*	CROW'S C4119R	45.5			1.2	36.9			18.3		
	*	CROW'S C4519R	39.6			1.3	36.6			18.5		
	*	DAIRYLAND 4300/RR	43.0			1.5	35.1			19.4		
	*	DAIRYLAND 4500/RRSTS	42.4			1.4	35.6			19.3		
	*	DELTA GROW 4150 RR	45.1	41.6	48.2	1.3	36.2	37.3	37.3	18.3	17.5	17.7
	*	DELTA GROW 4460 RR	45.4	41.0	46.6	1.7	35.2	36.5	36.4	18.9	17.9	18.1
	*	DELTA GROW 4470 RR/STS	45.0	42.0		1.4	34.9	35.7		19.2	18.7	
	*	DYNA-GRO 33A40	43.2			1.4	35.6			19.4		
	*	DYNA-GRO 35D44	45.1	42.4		1.3	36.5	37.5		19.1	18.1	
	*	DYNA-GRO 36C44	42.6			1.1	36.1			18.0		
	*	DYNA-GRO 38C42	43.4	42.5		1.1	36.1	36.7		19.1	18.5	
		HORNBECK HBK R4527	41.1	36.2		1.8	37.2	38.6		18.2	17.3	
~	*	L&M GLICK 53	39.0			1.6	35.7			18.7		
	*	L&M GLICK 843RR	41.4			1.6	35.5			19.5		
	*	NK BRAND S43-N6	45.4			1.2	35.5			17.3		
	*	NK BRAND S44-D5	46.3	44.2		1.4	35.7	36.4		18.3	17.7	
	*	PIONEER 94M50	42.4	43.1	48.8	1.2	36.2	35.9	36.4	19.2	18.4	18.5
	*	PIONEER 94Y01	47.2			1.6	34.5			19.4		
	*	PIONEER 94Y20	45.4			1.5	37.3			18.8		
~	*	PORTER HYBRIDS PH 4419N	46.4			1.3	35.5			17.9		
	*	PROGENY P4206 RR	45.6	44.0		1.3	36.3	36.5		18.7	18.6	
	*	PROGENY P4405 RR	41.5	38.3		1.7	35.8	37.1		18.1	17.2	
EXP		PROGENY P4408 RR	43.0			1.1	35.7			18.5		
EXP		PROGENY P4508 RR	43.8			1.4	34.6			19.5		
~NS	*	SCHILLINGER SEED 428 F.HPC (high protein)	40.8			1.4	**41.8**			17.0		
~	*	SCHILLINGER SEED 435.TCS	38.1			1.1	37.0			18.3		
~NS		SCHILLINGER SEED 438.TL (low linolenic)	36.9			1.3	35.6			19.0		
~NS		SCHILLINGER SEED 446 F.HP (high protein)	37.7	35.4		1.2	39.5	**40.7**		16.7	15.5	
~	*	SCHILLINGER SEED 447.TC	41.0			1.3	37.9			17.8		
~NS	*	SCHILLINGER SEED 448 F.HPC (high protein)	42.3			1.2	41.4			17.0		
	*	SCHILLINGER SEED 457.RCP	42.4	38.8		1.9	35.3	36.3		18.9	18.2	
~NS		SCHILLINGER SEED XP44.TL (low linolenic)	37.3			1.2	35.4			19.5		
EXP	*	SEED CONSULTANTS EXP 4242RR	44.6			1.1	36.4			18.3		
	*	SEED CONSULTANTS SC 9408RR	43.0			1.2	36.0			17.3		
	*	SEED CONSULTANTS SC 9419RR	44.9			1.1	36.0			18.5		
	*	SEED CONSULTANTS SC 9459RR	41.3			1.5	35.3			18.9		
	*	SEED CONSULTANTS SCS 9409RR	41.1			1.2	37.1			17.8		
	*	SEED CONSULTANTS SCS 9448RR	44.8			1.5	35.9			18.4		
~	*	SOUTHERN CROSS BENJAMIN 4.3 N	**48.0**			1.2	34.6			19.1		
	*	SOUTHERN CROSS CALEB 4.4 N, RR, STS	44.2	41.2		1.1	36.2	36.1		18.8	18.4	
	*	SOUTHERN CROSS JERICHO 4.2 N, RR	43.5			1.1	35.1			18.4		
	*	SOUTHERN CROSS LOT 4.1 N, RR, STS	45.2			1.2	36.7			18.4		
	*	SOUTHERN STATES RT 4370N	43.3	39.0		1.8	35.7	36.1		**19.6**	18.7	
	*	SOUTHERN STATES RT 4451N	42.6	40.8	46.1	1.4	36.7	36.6	36.3	17.9	17.6	17.8
	*	SOUTHERN STATES RT 4470N	45.2	44.0		1.1	36.2	36.3		18.3	18.3	
	*	SOUTHERN STATES RT 4551N	43.6	40.0	45.8	1.6	35.2	37.1	**37.6**	19.3	18.2	18.2
	*	STEYER 4040RR	41.9	43.0		1.6	37.3	37.7		18.7	18.1	
~	*	STEYER 410	39.7			1.6	36.2			18.1		
~		STEYER 434	40.1			1.2	36.9			18.4		
	*	STEYER 4430RR	44.1	42.9		1.3	35.1	35.9		18.9	18.7	
	*	TRISOY 4184RR(CN)	46.3			1.2	35.8			18.8		
	*	TRISOY 4475RR(CN)	44.4			1.3	36.3			18.2		
	*	TRISOY 4586RR(CN)	45.1			1.2	35.5			18.8		
	*	UNISOUTH GENETICS USG 74C36	38.7			1.7	37.3			17.4		
	*	VIGORO V40N8RS	40.9	40.3		1.3	35.8	36.8		19.5	**19.0**	
	*	VIGORO V42N9RS	45.3			1.2	35.3			18.4		
	*	VIGORO V44N9RS	46.2			1.2	36.2			18.4		
		EARLY GROUP IV AVERAGE	43.3	41.3	47.3	1.3	36.2	36.8	36.6	18.5	18.0	18.2
		LSD (0.10)	2.5	3.5	2.6	0.1						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 — SORTED ALPHABETICALLY

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP LATE IV (RELATIVE MG 4.6-4.9)										
	*	ARMOR 47-F8	43.5	42.5		1.1	34.0	35.7		19.3	18.7	
	*	ARMOR 48-J3	46.1	45.1		1.4	37.4	38.7		18.7	18.1	
	*	ARMOR ARX4717	41.2			1.2	36.1			19.0		
	*	ASGROW AG4605	42.7	39.1		1.3	34.5	36.1		19.0	18.6	
	*	ASGROW AG4606	46.5			1.4	34.7			21.0		
	*	ASGROW AG4703	43.0	41.8	47.4	1.2	37.3	37.9	37.3	17.9	17.3	17.5
	*	ASGROW AG4705	43.8			2.0	35.7			20.3		
		ASGROW AG4903	45.5	42.5	48.0	1.4	36.8	37.2	36.5	19.3	18.7	18.7
	*	ASGROW AG4907	43.9			1.6	35.3			18.7		
	*	ASGROW DKB46-51	46.5	42.2	47.3	1.4	36.4	37.9	37.8	19.1	18.3	18.2
	*	BECK 474NRR	45.7			1.3	37.0			17.8		
	*	CAVERNDALE CF 470 RR/STSn	43.2	42.4		1.1	34.5	35.5		19.7	19.1	
	*	CROW'S C4820R	45.0			1.3	35.9			19.5		
EXP	*	DAIRYLAND 47-001/RR	38.1	35.7		1.5	35.4	36.1		18.7	18.4	
		DAIRYLAND 8482/RR	44.4	42.0		1.5	35.8	37.2		18.9	18.3	
		DELTA GROW 4870 RR	45.0			1.5	37.2			17.7		
	*	DELTA GROW 4770 RR	42.2	41.5		1.6	35.3	37.4		19.0	18.1	
	*	DELTA GROW 4780 RR	41.5	38.8		1.4	35.0	35.8		19.5	18.9	
	*	DELTA GROW 4840 RR	41.1	39.7	44.6	1.7	35.3	36.8	36.7	18.1	16.8	17.4
	*	DELTA GROW 4970 RR	45.9	40.6	47.2	1.9	36.3	38.1	37.5	18.9	17.9	17.9
		DELTA GROW 4975 LARR	43.2	40.7		1.4	35.8	37.2		18.8	17.7	
	*	HORNBECK HBK R4727	43.3	40.7		1.4	35.0	35.8		19.0	18.2	
	*	HORNBECK HBK R4924	44.1	43.6	48.3	1.6	35.9	37.2	36.4	19.1	18.0	18.2
~NS		KS4607 (high protein)	36.3	35.3		1.3	**39.4**	39.4		18.4	17.6	
	*	NK BRAND S45-E5	36.9			1.4	36.7			18.7		
	*	NK BRAND S47-D9	43.8	**45.3**		1.1	34.1	35.8		19.6	18.7	
	*	NK BRAND S49-Q9	44.0	38.9	46.0	1.8	34.8	36.9	36.6	18.9	17.1	17.3
EXP	*	NK BRAND XR4881	44.8			1.2	34.7			18.6		
~P		PENNYRILE (long term check-released 1987)	38.3	35.8		1.5	37.0	38.0		19.1	18.6	
	*	PIONEER 94M80	39.6	37.0	43.5	1.4	38.4	**39.7**	**38.9**	17.6	17.1	17.4
	*	PIONEER 94Y60	42.0			1.2	38.7			17.6		
	*	PIONEER 94Y70	**46.6**			1.7	34.9			19.5		
	*	PIONEER 94Y90	42.5			1.6	36.3			19.4		
	*	PROGENY P4606 RR	44.4	43.3		1.2	33.7	35.7		19.6	18.5	
	*	PROGENY P4706 RR	41.7	40.5		1.6	35.4	36.9		19.1	18.2	
	*	PROGENY P4718 RR	43.4			1.4	37.3			18.0		
	*	PROGENY P4807 RR	41.9	38.7		1.5	34.7	35.9		19.2	18.3	
		PROGENY P4906 RR	43.1	39.4		1.4	35.2	36.9		18.6	17.9	
	*	PROGENY P4908 RR	46.3			1.5	35.2			18.8		
	*	PROGENY P4918 RR	44.2			1.6	37.4			17.8		
		PROGENY P4949 RR	40.7	40.4		1.5	35.4	37.6		19.9	18.1	
~	*	SCHILLINGER SEED 477.TCS	38.6			1.3	37.9			18.0		
	*	SCHILLINGER SEED 478.RCS	36.2			1.5	35.1			18.6		
	*	SCHILLINGER SEED 495.RC	43.7	41.9	46.6	1.9	36.6	38.2	37.7	18.3	17.6	17.7
	*	SEED CONSULTANTS SC 9468RR	43.1	41.2		1.2	33.1	34.5		20.1	19.5	
	*	SEED CONSULTANTS SCS 9479RR	45.0			1.4	35.1			19.2		
	*	SOUTHERN CROSS ELI 4.7 N, RR, STS	41.8	41.7	49.0	1.2	34.0	35.0	34.7	19.8	19.7	**19.7**
	*	SOUTHERN CROSS GALILEE 4.7 N, RR	39.9	39.4		1.3	35.3	36.2		19.2	18.9	
	*	SOUTHERN CROSS HIRAM 4.9 N, RR	39.2	38.6		1.4	35.6	36.1		18.9	17.7	
	*	SOUTHERN CROSS RUFUS 4.7 N, RR, STS	44.6			1.2	35.6			19.7		
	*	SOUTHERN STATES RT 4760N	43.6	40.8	46.6	1.7	35.5	37.5	37.6	19.2	18.0	18.0
	*	SOUTHERN STATES RT 4777N	41.4	42.6	47.9	1.4	35.0	36.3	36.5	19.1	18.4	18.5
	*	SOUTHERN STATES RT 4808N	44.4	43.9	**49.2**	1.6	35.6	37.0	36.0	19.0	17.6	17.8
	*	SOUTHERN STATES RT 4888N	44.2			1.4	36.8			18.1		
	*	SOUTHERN STATES RT 4996N	41.6	40.0	46.0	1.6	36.0	37.5	37.1	19.7	18.4	18.6
	*	STEYER 4620RR	43.2			1.2	35.6			19.7		
	*	STINE 4782-4	43.3	42.0	49.1	1.2	33.5	35.7	35.2	19.9	19.5	19.4
	*	TRISOY 4760RR(CN)	41.2	39.0		1.2	32.5	34.1		**21.5**	**20.3**	
	*	UNISOUTH GENETICS USG 7484nRR	39.1			1.7	35.7			17.9		
	*	UNISOUTH GENETICS USG 74A76	45.4	42.7	48.0	1.6	35.1	37.2	36.6	19.3	18.0	18.2
	*	UNISOUTH GENETICS USG 74G78	45.0			1.1	33.9			19.6		
	*	UNISOUTH GENETICS USG 74T98	40.0			2.2	36.2			18.3		
	*	VIGORO V47N8RR	41.7			1.3	34.8			19.3		
	*	VIGORO V47N9RS	45.3			1.3	35.7			19.6		
	*	VIGORO V48N7RS	43.4	42.0		1.1	34.0	34.8		19.5	19.0	
	*	VIGORO V49N6RR	42.7	42.1	48.2	1.7	36.5	37.8	37.4	19.0	18.0	18.0
		LATE GROUP IV AVERAGE	42.8	40.8	47.2	1.4	35.6	36.8	36.9	19.0	18.3	18.1
		LSD (0.10)	2.2	3.8	2.5	0.1						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 — SORTED ALPHABETICALLY

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP V										
	*	ARMOR 53-Z5	40.7			1.8	37.2			18.0		
	*	DAIRYLAND 8509/RR	42.3	38.0		1.8	36.6	37.8		19.3	18.2	
	*	DAIRYLAND 8512/RR	36.9			1.6	37.7			18.5		
	*	DELTA GROW 5170 RR	41.8			1.1	35.1			19.1		
	*	DELTA GROW 5160 RR/STS	39.4	37.0	45.0	1.7	36.3	38.5	38.2	**20.1**	**18.8**	**18.6**
	*	DELTA GROW 5300 RR	38.8	36.1		2.3	37.3	38.4		17.5	16.6	
	*	DELTA GROW 5450 RR	36.1			1.8	37.6			17.4		
	*	DELTA GROW 5470 RR	35.9	34.6		1.6	37.6	38.6		17.4	17.1	
	*	DELTA KING DK52K6	35.7	36.5	43.6	2.4	**39.1**	39.7	**39.0**	17.3	17.0	17.2
~P		ESSEX (long term check-released 1974)	37.5	35.2		2.0	38.3	**39.9**		18.0	17.4	
~		HORNBECK HBK C4926	33.8			1.6	36.5			18.7		
~P		JAKE	37.8	36.9	43.3	1.6	38.2	38.0	37.2	17.0	17.2	17.4
~P	*	KS5004N	**45.8**			2.1	35.8			19.0		
	*	PIONEER 95Y20	37.0			1.8	36.1			18.4		
	*	PROGENY P5107 RR	37.5	32.1		2.1	36.5	38.5		18.4	17.3	
	*	PROGENY P5108 RR	38.2			1.5	37.8			18.2		
	*	PROGENY P5115 RR	38.6	34.9		1.6	35.2	36.0		19.6	18.8	
	*	PROGENY P5208 RR	38.9			1.5	36.7			18.7		
	*	PROGENY P5218 RR	38.4			2.7	36.8			18.4		
	*	PROGENY P5308 RR	37.7			1.7	37.1			18.4		
	*	PROGENY P5408 RR	40.6			2.0	37.5			17.8		
~		PROGENY P5770	36.0			2.7	37.1			18.6		
	*	SCHILLINGER SEED 557.RC	39.8			1.9	37.3			17.7		
	*	SOUTHERN CROSS DAMASCUS 5.0 N, RR, STS	38.8	35.2	43.0	1.7	36.3	38.4	38.0	19.7	18.7	**18.6**
	*	SOUTHERN STATES RT 5160N	36.9	36.3	42.7	2.0	37.4	38.0	37.1	17.4	17.2	17.5
	*	SOUTHERN STATES RT 5540N	36.6	35.2	41.6	2.4	38.8	39.4	38.5	18.1	17.5	17.7
	*	STINE 5482-4	40.4	37.7		1.6	36.3	37.2		18.5	18.1	
~P		TEEJAY	43.1	40.3	46.0	1.8	35.8	37.7	37.0	18.4	17.5	17.6
~		UNISOUTH GENETICS USG 5002T	44.5	40.4	47.1	2.2	36.1	37.5	37.0	18.7	18.1	18.1
~		UNISOUTH GENETICS USG 5601T	42.7	**41.0**	**47.8**	2.1	37.3	38.5	38.3	18.4	17.6	17.3
	*	UNISOUTH GENETICS USG 75J32	37.1	34.9	42.4	1.9	37.1	38.6	37.9	18.3	17.1	17.3
	*	UNISOUTH GENETICS USG 75J47	38.5	37.5		1.9	37.5	37.8		18.0	17.7	
		UNISOUTH GENETICS USG ALLEN	36.6	35.0	42.9	2.0	37.2	38.2	37.6	17.9	17.5	17.2
EXP-NS		V01-1693 (3.5% linolenic)	37.3			1.9	36.7			18.7		
EXP-NS		V01-1702 (3.5% linolenic)	37.8			1.8	36.6			19.4		
~P		V98-2711	39.8			2.3	38.3			18.0		
		GROUP V AVERAGE	38.8	36.6	44.1	1.9	37.0	38.2	37.8	18.4	17.6	17.7
		LSD (0.10)	1.8	3.5	2.7	0.2						
		GRAND MEAN	42.2	40.1	46.1	1.5	36.3	37.1	37.1	18.6	18.1	18.1

~ Variety is not Roundup Ready. All varieties without a tilda (~) prefix are Roundup Ready.

* Resistant to soybean cyst nematode. See Table 3. Company Disease Resistance Specifications for details.

P Entries with a P prefix are public varieties.

NS Entries with a NS prefix are novel soybean varieties that are emerging from both the public and private sectors. Some of these value-added soybean types will supply relatively small market niches, while others may be of much broader market value. Testing novel soybeans will enable producers to assess whether premiums for a given trait offset possible yield lag/drag.

EXP Entries with an EXP prefix are varieties that are still under development or soon to be released.

A Within a maturity group, shaded yields are not significantly different (0.10 level) from the highest yielding cultivar (bold data) of that maturity group and year column.

B Variety protein and oil concentration was determined at the Hancock Co. location (all test locations for NS entries) and expressed on the basis of 13% moisture. The 2008 data were provided by the University of Kentucky using near-infrared (NIR) analysis. The 2007 and 2006 data were provided by the Iowa State University Grain Quality Analysis Services using near-infrared (NIR) analysis.

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 — SORTED BY 07-08 YIELD MEANS

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
				sort								
		MATURITY GROUP II-III (RELATIVE MG 2.7-3.9)										
	*	NK BRAND S39-A3	47.2	44.3		1.5	34.6	35.2		18.5	18.1	
	*	ASGROW AG3803	46.1	43.9		1.3	36.9	36.9		18.3	18.2	
	*	EBBERTS 1365RR	43.3	43.2	46.8	1.7	**39.2**	**39.6**	**39.8**	16.9	16.7	16.8
	*	NK BRAND S37-P5	46.2	42.9		1.7	35.6	35.9		18.2	18.3	
	*	SOUTHERN STATES RT 3971N	44.9	42.7		1.2	36.4	37.1		17.5	17.3	
	*	SOUTHERN CROSS LUCAS 3.8 N, RR	45.6	42.4		1.4	36.7	37.4		17.5	17.1	
	*	SOUTHERN STATES RT 3871N	46.6	42.2		1.3	35.9	36.7		19.3	18.6	
	*	NK BRAND S38-D5	45.6	42.2		1.4	35.8	36.3		17.7	17.1	
	*	BECK 399NRR	44.4	42.1		1.2	36.9	37.3		18.0	17.1	
~	*	EBBERTS 3386	46.0	42.1		1.7	36.7	37.3		18.5	18.0	
	*	EBBERTS 1378RR	43.1	41.9		1.4	36.7	37.8		17.7	17.2	
	*	ASGROW AG3705	42.5	41.7	**48.2**	1.1	34.9	35.4	35.6	18.3	17.8	18.2
	*	CROW'S C3916R	41.7	41.6		1.2	37.3	37.8		17.8	17.5	
		HORNBECK HBK R3927	44.8	41.5		2.4	38.3	39.0		19.1	18.6	
NS	*	ASGROW AG3121V (low linolenic)	42.8	41.3		1.7	37.0	37.0		18.5	18.2	
	*	ASGROW AG3603	42.7	41.1		1.1	37.1	37.6		17.8	17.4	
	*	ASGROW AG3906	41.8	40.8	47.0	1.1	36.2	36.3	36.5	18.8	18.6	**18.9**
		SOUTHERN STATES RT 3860	41.7	40.4	46.4	1.1	35.0	35.8	35.9	18.9	18.4	18.7
NS	*	ASGROW AG35-21V (low linolenic)	41.9	40.2		1.2	35.9	36.0		19.1	18.7	
~		PIONEER 93B82	43.1	39.8		1.8	37.6	37.6		18.5	18.5	
~NS	*	SCHILLINGER SEED 397.TCL (low linolenic)	41.6	39.3		1.1	37.6	37.5		19.5	19.2	
NS	*	ASGROW AG2822V (low linolenic)	37.9	38.9		1.3	36.9	37.2		19.7	**19.7**	
NS	*	ASGROW AG2921V (low linolenic)	41.2	38.7		1.0	35.5	36.1		**19.8**	19.4	
~NS		IA3024 (low linolenic)	39.5	38.7		1.6	35.7	35.2		19.5	19.4	
	*	SEED CONSULTANTS SC 9386RR	39.8	38.4	44.8	2.1	36.4	37.0	37.6	18.2	18.0	18.3
	*	EBBERTS 1386RR	41.2	38.2	45.3	1.6	36.2	36.6	36.7	18.5	18.2	18.5
~NS		IA3027 (large seed, high protein)	38.3	32.6	33.7	1.2	39.0	39.4	39.3	18.3	18.4	18.6
~NS		IA3025 (low linolenic)	32.8	28.7		1.5	36.7	36.9		19.2	18.9	
	*	SEED CONSULTANTS SCS 9398RR	**47.7**			1.6	36.8			18.8		
	*	ARMOR ARX938	47.6			1.5	35.6			18.0		
	*	PIONEER 93Y20	46.7			1.9	36.6			19.1		
	*	PROGENY P3906 RR	45.6			1.5	37.4			18.4		
	*	VIGORO V37N8RR	44.8			1.1	36.2			17.9		
NS		ASGROW AG36-22V (low linolenic)	44.5			1.1	35.7			19.0		
	*	SEED CONSULTANTS SC 9389RR	43.9			1.3	36.2			17.9		
	*	DYNA-GRO 32X39	43.6			1.3	36.7			17.6		
~	*	PORTER HYBRIDS PH 4385N	43.6			1.7	35.4			18.0		
	*	BECK 364NRR	42.4			1.4	36.7			17.6		
~NS		IA3026 (low saturates)	42.2			1.9	34.7			19.3		
	*	ARMOR 38-G2	41.7			1.5	37.1			17.5		
~	*	PORTER HYBRIDS PH 4360N	41.6			1.5	36.6			18.0		
	*	VIGORO V39N9RR	41.0			1.3	35.3			18.9		
NS		ASGROW DKB31-22V (low linolenic)	39.7			1.1	36.5			18.7		
NS		DAIRYLAND DST37-000-UL (low linolenic)	39.7			1.7	36.8			18.5		
NS		DAIRYLAND DST37-001-UL (low linolenic)	39.0			1.8	37.4			18.2		
~		SEED CONSULTANT SC 388	38.5			1.6	38.0			18.1		
~NS		IA3036 (mid oleic)	36.4			1.8	38.1			18.2		
~NS		IA3041 (low linolenic)	35.9			1.5	36.5			18.4		
		GROUP III AVERAGE	42.5	40.4	44.6	1.4	36.6	37.0	37.3	18.4	18.1	18.3
		LSD (0.10)	2.2	3.3	2.8	0.2						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 — SORTED BY 07-08 YIELD MEANS

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP EARLY IV (RELATIVE MG 4.0-4.5)										
	*	CAVERNDALE CF 447 RR/STSn	46.4	**44.6**		1.1	35.6	36.2		18.9	18.5	
	*	NK BRAND S44-D5	46.3	44.2		1.4	35.7	36.4		18.3	17.7	
	*	SOUTHERN STATES RT 4470N	45.2	44.0		1.1	36.2	36.3		18.3	18.3	
	*	PROGENY P4206 RR	45.6	44.0		1.3	36.3	36.5		18.7	18.6	
	*	CAVERNDALE CF 422 RR/STSn	46.6	43.7	**49.4**	1.1	36.8	37.4	36.9	18.9	18.4	**18.7**
	*	CAVERNDALE CF 410 RR/STSn	46.4	43.7		1.1	36.8	37.5		17.8	16.9	
	*	PIONEER 94M50	42.4	43.1	48.8	1.2	36.2	35.9	36.4	19.2	18.4	18.5
	*	STEYER 4040RR	41.9	43.0		1.6	37.3	37.7		18.7	18.1	
	*	STEYER 4430RR	44.1	42.9		1.3	35.1	35.9		18.9	18.7	
	*	DYNA-GRO 38C42	43.4	42.5		1.1	36.1	36.7		19.1	18.5	
	*	DYNA-GRO 35D44	45.1	42.4		1.3	36.5	37.5		19.1	18.1	
	*	DELTA GROW 4470 RR/STS	45.0	42.0		1.4	34.9	35.7		19.2	18.7	
	*	BECK 422NRR	42.7	41.8	48.0	1.3	35.9	36.4	36.6	19.3	18.5	**18.7**
	*	DELTA GROW 4150 RR	45.1	41.6	48.2	1.3	36.2	37.3	37.3	18.3	17.5	17.7
	*	SOUTHERN CROSS CALEB 4.4 N, RR, STS	44.2	41.2		1.1	36.2	36.1		18.8	18.4	
	*	DELTA GROW 4460 RR	45.4	41.0	46.6	1.7	35.2	36.5	36.4	18.9	17.9	18.1
	*	SOUTHERN STATES RT 4451N	42.6	40.8	46.1	1.4	36.7	36.6	36.3	17.9	17.6	17.8
	*	ASGROW DKB42-51	41.5	40.3	47.1	1.3	33.7	34.2	34.7	19.3	18.3	18.3
	*	VIGORO V40N8RS	40.9	40.3		1.3	35.8	36.8		19.5	**19.0**	
	*	SOUTHERN STATES RT 4551N	43.6	40.0	45.8	1.6	35.2	37.1	**37.6**	19.3	18.2	18.2
	*	ASGROW AG4404	41.3	39.1	46.0	1.3	37.0	37.0	36.9	18.5	17.7	18.0
	*	SOUTHERN STATES RT 4370N	43.3	39.0		1.8	35.7	36.1		**19.6**	18.7	
	*	SCHILLINGER SEED 457.RCP	42.4	38.8		1.9	35.3	36.3		18.9	18.2	
	*	PROGENY P4405 RR	41.5	38.3		1.7	35.8	37.1		18.1	17.2	
		HORNBECK HBK R4527	41.1	36.2		1.8	37.2	38.6		18.2	17.3	
~NS		SCHILLINGER SEED 446 F.HP (high protein)	37.7	35.4		1.2	39.5	**40.7**		16.7	15.5	
~	*	SOUTHERN CROSS BENJAMIN 4.3 N	**48.0**			1.2	34.6			19.1		
	*	ASGROW AG4303	47.5			1.2	35.6			18.7		
	*	PIONEER 94Y01	47.2			1.6	34.5			19.4		
	*	ARMOR 42-M1	46.7			1.1	37.2			17.6		
~	*	PORTER HYBRIDS PH 4419N	46.4			1.3	35.5			17.9		
	*	TRISOY 4184RR(CN)	46.3			1.2	35.8			18.8		
	*	VIGORO V44N9RS	46.2			1.2	36.2			18.4		
	*	CROW'S C4119R	45.5			1.2	36.9			18.3		
	*	PIONEER 94Y20	45.4			1.5	37.3			18.8		
	*	ARMOR 44-K6	45.4			1.1	36.5			18.1		
	*	NK BRAND S43-N6	45.4			1.2	35.5			17.3		
	*	VIGORO V42N9RS	45.3			1.2	35.3			18.4		
	*	SOUTHERN CROSS LOT 4.1 N, RR, STS	45.2			1.2	36.7			18.4		
	*	TRISOY 4586RR(CN)	45.1			1.2	35.5			18.8		
	*	SEED CONSULTANTS SC 9419RR	44.9			1.1	36.0			18.5		
	*	SEED CONSULTANTS SCS 9448RR	44.8			1.5	35.9			18.4		
EXP	*	SEED CONSULTANTS EXP 4242RR	44.6			1.1	36.4			18.3		
	*	TRISOY 4475RR(CN)	44.4			1.3	36.3			18.2		
	*	BECK 445NRR	44.3			1.1	35.5			18.7		
EXP		PROGENY P4508 RR	43.8			1.4	34.6			19.5		
	*	SOUTHERN CROSS JERICHO 4.2 N, RR	43.5			1.1	35.1			18.4		
	*	DYNA-GRO 33A40	43.2			1.4	35.6			19.4		
	*	ASGROW AG4005	43.2			1.0	36.0			18.0		
	*	DAIRYLAND 4300/RR	43.0			1.5	35.1			19.4		
EXP		PROGENY P4408 RR	43.0			1.1	35.7			18.5		
	*	SEED CONSULTANTS SC 9408RR	43.0			1.2	36.0			17.3		
	*	DYNA-GRO 36C44	42.6			1.1	36.1			18.0		
	*	DAIRYLAND 4500/RRSTS	42.4			1.4	35.6			19.3		
~NS	*	SCHILLINGER SEED 448 F.HPC (high protein)	42.3			1.2	41.4			17.0		
	*	L&M GLICK 843RR	41.4			1.6	35.5			19.5		
	*	SEED CONSULTANTS SC 9459RR	41.3			1.5	35.3			18.9		
	*	SEED CONSULTANTS SCS 9409RR	41.1			1.2	37.1			17.8		
~	*	SCHILLINGER SEED 447.TC	41.0			1.3	37.9			17.8		
~NS	*	SCHILLINGER SEED 428 F.HPC (high protein)	40.8			1.4	**41.8**			17.0		
~		STEYER 434	40.1			1.2	36.9			18.4		
~	*	STEYER 410	39.7			1.6	36.2			18.1		
	*	CROW'S C4519R	39.6			1.3	36.6			18.5		
~	*	L&M GLICK 53	39.0			1.6	35.7			18.7		
	*	UNISOUTH GENETICS USG 74C36	38.7			1.7	37.3			17.4		
~	*	SCHILLINGER SEED 435.TCS	38.1			1.1	37.0			18.3		
~NS		SCHILLINGER SEED XP44.TL (low linolenic)	37.3			1.2	35.4			19.5		
~NS		SCHILLINGER SEED 438.TL (low linolenic)	36.9			1.3	35.6			19.0		
		EARLY GROUP IV AVERAGE	43.3	41.3	47.3	1.3	36.2	36.8	36.6	18.5	18.0	18.2
		LSD (0.10)	2.5	3.5	2.6	0.1						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 — SORTED BY 07-08 YIELD MEANS

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP LATE IV (RELATIVE MG 4.6-4.9)										
	*	NK BRAND S47-D9	43.8	**45.3**		1.1	34.1	35.8		19.6	18.7	
	*	ARMOR 48-J3	46.1	45.1		1.4	37.4	38.7		18.7	18.1	
	*	SOUTHERN STATES RT 4808N	44.4	43.9	**49.2**	1.6	35.6	37.0	36.0	19.0	17.6	17.8
	*	HORNBECK HBK R4924	44.1	43.6	48.3	1.6	35.9	37.2	36.4	19.1	18.0	18.2
	*	PROGENY P4606 RR	44.4	43.3		1.2	33.7	35.7		19.6	18.5	
	*	UNISOUTH GENETICS USG 74A76	45.4	42.7	48.0	1.6	35.1	37.2	36.6	19.3	18.0	18.2
	*	SOUTHERN STATES RT 4777N	41.4	42.6	47.9	1.4	35.0	36.3	36.5	19.1	18.4	18.5
	*	ARMOR 47-F8	43.5	42.5		1.1	34.0	35.7		19.3	18.7	
		ASGROW AG4903	45.5	42.5	48.0	1.4	36.8	37.2	36.5	19.3	18.7	18.7
	*	CAVERNDALE CF 470 RR/STSn	43.2	42.4		1.1	34.5	35.5		19.7	19.1	
	*	ASGROW DKB46-51	46.5	42.2	47.3	1.4	36.4	37.9	37.8	19.1	18.3	18.2
	*	VIGORO V49N6RR	42.7	42.1	48.2	1.7	36.5	37.8	37.4	19.0	18.0	18.0
	*	VIGORO V48N7RS	43.4	42.0		1.1	34.0	34.8		19.5	19.0	
	*	STINE 4782-4	43.3	42.0	49.1	1.2	33.5	35.7	35.2	19.9	19.5	19.4
		DAIRYLAND 8482/RR	44.4	42.0		1.5	35.8	37.2		18.9	18.3	
	*	SCHILLINGER SEED 495.RC	43.7	41.9	46.6	1.9	36.6	38.2	37.7	18.3	17.6	17.7
	*	ASGROW AG4703	43.0	41.8	47.4	1.2	37.3	37.9	37.3	17.9	17.3	17.5
	*	SOUTHERN CROSS ELI 4.7 N, RR, STS	41.8	41.7	49.0	1.2	34.0	35.0	34.7	19.8	19.7	**19.7**
	*	DELTA GROW 4770 RR	42.2	41.5		1.6	35.3	37.4		19.0	18.1	
	*	SEED CONSULTANTS SC 9468RR	43.1	41.2		1.2	33.1	34.5		20.1	19.5	
	*	SOUTHERN STATES RT 4760N	43.6	40.8	46.6	1.7	35.5	37.5	37.6	19.2	18.0	18.0
	*	HORNBECK HBK R4727	43.3	40.7		1.4	35.0	35.8		19.0	18.2	
		DELTA GROW 4975 LARR	43.2	40.7		1.4	35.8	37.2		18.8	17.7	
	*	DELTA GROW 4970 RR	45.9	40.6	47.2	1.9	36.3	38.1	37.5	18.9	17.9	17.9
	*	PROGENY P4706 RR	41.7	40.5		1.6	35.4	36.9		19.1	18.2	
		PROGENY P4949 RR	40.7	40.4		1.5	35.4	37.6		19.9	18.1	
	*	SOUTHERN STATES RT 4996N	41.6	40.0	46.0	1.6	36.0	37.5	37.1	19.7	18.4	18.6
	*	DELTA GROW 4840 RR	41.1	39.7	44.6	1.7	35.3	36.8	36.7	18.1	16.8	17.4
		PROGENY P4906 RR	43.1	39.4		1.4	35.2	36.9		18.6	17.9	
	*	SOUTHERN CROSS GALILEE 4.7 N, RR	39.9	39.4		1.3	35.3	36.2		19.2	18.9	
	*	ASGROW AG4605	42.7	39.1		1.3	34.5	36.1		19.0	18.6	
	*	TRISOY 4760RR(CN)	41.2	39.0		1.2	32.5	34.1		**21.5**	**20.3**	
	*	NK BRAND S49-Q9	44.0	38.9	46.0	1.8	34.8	36.9	36.6	18.9	17.1	17.3
	*	DELTA GROW 4780 RR	41.5	38.8		1.4	35.0	35.8		19.5	18.9	
	*	PROGENY P4807 RR	41.9	38.7		1.5	34.7	35.9		19.2	18.3	
	*	SOUTHERN CROSS HIRAM 4.9 N, RR	39.2	38.6		1.4	35.6	36.1		18.9	17.7	
	*	PIONEER 94M80	39.6	37.0	43.5	1.4	38.4	**39.7**	**38.9**	17.6	17.1	17.4
~P		PENNYRILE (long term check-released 1987)	38.3	35.8		1.5	37.0	38.0		19.1	18.6	
EXP	*	DAIRYLAND 47-001/RR	38.1	35.7		1.5	35.4	36.1		18.7	18.4	
~NS		KS4607 (high protein)	36.3	35.3		1.3	**39.4**	39.4		18.4	17.6	
	*	PIONEER 94Y70	**46.6**			1.7	34.9			19.5		
	*	ASGROW AG4606	46.5			1.4	34.7			21.0		
	*	PROGENY P4908 RR	46.3			1.5	35.2			18.8		
	*	BECK 474NRR	45.7			1.3	37.0			17.8		
	*	VIGORO V47N9RS	45.3			1.3	35.7			19.6		
	*	CROW'S C4820R	45.0			1.3	35.9			19.5		
		DELTA GROW 4870 RR	45.0			1.5	37.2			17.7		
	*	SEED CONSULTANTS SCS 9479RR	45.0			1.4	35.1			19.2		
	*	UNISOUTH GENETICS USG 74G78	45.0			1.1	33.9			19.6		
EXP	*	NK BRAND XR4881	44.8			1.2	34.7			18.6		
	*	SOUTHERN CROSS RUFUS 4.7 N, RR, STS	44.6			1.2	35.6			19.7		
	*	SOUTHERN STATES RT 4888N	44.2			1.4	36.8			18.1		
	*	PROGENY P4918 RR	44.2			1.6	37.4			17.8		
	*	ASGROW AG4907	43.9			1.6	35.3			18.7		
	*	ASGROW AG4705	43.8			2.0	35.7			20.3		
	*	PROGENY P4718 RR	43.4			1.4	37.3			18.0		
	*	STEYER 4620RR	43.2			1.2	35.6			19.7		
	*	PIONEER 94Y90	42.5			1.6	36.3			19.4		
	*	PIONEER 94Y60	42.0			1.2	38.7			17.6		
	*	VIGORO V47N8RR	41.7			1.3	34.8			19.3		
	*	ARMOR ARX4717	41.2			1.2	36.1			19.0		
	*	UNISOUTH GENETICS USG 74T98	40.0			2.2	36.2			18.3		
	*	UNISOUTH GENETICS USG 7484nRR	39.1			1.7	35.7			17.9		
~	*	SCHILLINGER SEED 477.TCS	38.6			1.3	37.9			18.0		
	*	NK BRAND S45-E5	36.9			1.4	36.7			18.7		
	*	SCHILLINGER SEED 478.RCS	36.2			1.5	35.1			18.6		
		LATE GROUP IV AVERAGE	42.8	40.8	47.2	1.4	35.6	36.8	36.9	19.0	18.3	18.1
		LSD (0.10)	2.2	3.8	2.5	0.1						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 — SORTED BY 07-08 YIELD MEANS

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP V										
~		UNISOUTH GENETICS USG 5601T	42.7	**41.0**	**47.8**	2.1	37.3	38.5	38.3	18.4	17.6	17.3
~		UNISOUTH GENETICS USG 5002T	44.5	40.4	47.1	2.2	36.1	37.5	37.0	18.7	18.1	18.1
~P		TEEJAY	43.1	40.3	46.0	1.8	35.8	37.7	37.0	18.4	17.5	17.6
	*	DAIRYLAND 8509/RR	42.3	38.0		1.8	36.6	37.8		19.3	18.2	
	*	STINE 5482-4	40.4	37.7		1.6	36.3	37.2		18.5	18.1	
	*	UNISOUTH GENETICS USG 75J47	38.5	37.5		1.9	37.5	37.8		18.0	17.7	
	*	DELTA GROW 5160 RR/STS	39.4	37.0	45.0	1.7	36.3	38.5	38.2	**20.1**	**18.8**	**18.6**
~P		JAKE	37.8	36.9	43.3	1.6	38.2	38.0	37.2	17.0	17.2	17.4
	*	DELTA KING DK52K6	35.7	36.5	43.6	2.4	**39.1**	39.7	**39.0**	17.3	17.0	17.2
	*	SOUTHERN STATES RT 5160N	36.9	36.3	42.7	2.0	37.4	38.0	37.1	17.4	17.2	17.5
	*	DELTA GROW 5300 RR	38.8	36.1		2.3	37.3	38.4		17.5	16.6	
	*	SOUTHERN STATES RT 5540N	36.6	35.2	41.6	2.4	38.8	39.4	38.5	18.1	17.5	17.7
	*	SOUTHERN CROSS DAMASCUS 5.0 N, RR, STS	38.8	35.2	43.0	1.7	36.3	38.4	38.0	19.7	18.7	**18.6**
~P		ESSEX (long term check-released 1974)	37.5	35.2		2.0	38.3	**39.9**		18.0	17.4	
		UNISOUTH GENETICS USG ALLEN	36.6	35.0	42.9	2.0	37.2	38.2	37.6	17.9	17.5	17.2
	*	PROGENY P5115 RR	38.6	34.9		1.6	35.2	36.0		19.6	18.8	
	*	UNISOUTH GENETICS USG 75J32	37.1	34.9	42.4	1.9	37.1	38.6	37.9	18.3	17.1	17.3
	*	DELTA GROW 5470 RR	35.9	34.6		1.6	37.6	38.6		17.4	17.1	
	*	PROGENY P5107 RR	37.5	32.1		2.1	36.5	38.5		18.4	17.3	
~P	*	KS5004N	**45.8**			2.1	35.8			19.0		
	*	DELTA GROW 5170 RR	41.8			1.1	35.1			19.1		
	*	ARMOR 53-Z5	40.7			1.8	37.2			18.0		
	*	PROGENY P5408 RR	40.6			2.0	37.5			17.8		
~P		V98-2711	39.8			2.3	38.3			18.0		
	*	SCHILLINGER SEED 557.RC	39.8			1.9	37.3			17.7		
	*	PROGENY P5208 RR	38.9			1.5	36.7			18.7		
	*	PROGENY P5218 RR	38.4			2.7	36.8			18.4		
	*	PROGENY P5108 RR	38.2			1.5	37.8			18.2		
EXP-NS		V01-1702 (3.5% linolenic)	37.8			1.8	36.6			19.4		
	*	PROGENY P5308 RR	37.7			1.7	37.1			18.4		
EXP-NS		V01-1693 (3.5% linolenic)	37.3			1.9	36.7			18.7		
	*	PIONEER 95Y20	37.0			1.8	36.1			18.4		
	*	DAIRYLAND 8512/RR	36.9			1.6	37.7			18.5		
	*	DELTA GROW 5450 RR	36.1			1.8	37.6			17.4		
~		PROGENY P5770	36.0			2.7	37.1			18.6		
~		HORNBECK HBK C4926	33.8			1.6	36.5			18.7		
		GROUP V AVERAGE	38.8	36.6	44.1	1.9	37.0	38.2	37.8	18.4	17.6	17.7
		LSD (0.10)	1.8	3.5	2.7	0.2						
		GRAND MEAN	42.2	40.1	46.1	1.5	36.3	37.1	37.1	18.6	18.1	18.1

~ Variety is not Roundup Ready. All varieties without a tilda (~) prefix are Roundup Ready.

* Resistant to soybean cyst nematode. See Table 3. Company Disease Resistance Specifications for details.

P Entries with a P prefix are public varieties.

NS Entries with a NS prefix are novel soybean varieties that are emerging from both the public and private sectors. Some of these value-added soybean types will supply relatively small market niches, while others may be of much broader market value. Testing novel soybeans will enable producers to assess whether premiums for a given trait offset possible yield lag/drag.

EXP Entries with an EXP prefix are varieties that are still under development or soon to be released.

A Within a maturity group, shaded yields are not significantly different (0.10 level) from the highest yielding cultivar (bold data) of that maturity group and year column.

B Variety protein and oil concentration was determined at the Hancock Co. location (all test locations for NS entries) and expressed on the basis of 13% moisture. The 2008 data were provided by the University of Kentucky using near-infrared (NIR) analysis. The 2007 and 2006 data were provided by the Iowa State University Grain Quality Analysis Services using near-infrared (NIR) analysis.

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 — SORTED BY 06-08 YIELD MEANS

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
					sort							
		MATURITY GROUP II-III (RELATIVE MG 2.7-3.9)										
	*	ASGROW AG3705	42.5	41.7	**48.2**	1.1	34.9	35.4	35.6	18.3	17.8	18.2
	*	ASGROW AG3906	41.8	40.8	47.0	1.1	36.2	36.3	36.5	18.8	18.6	**18.9**
	*	EBBERTS 1365RR	43.3	43.2	46.8	1.7	**39.2**	**39.6**	**39.8**	16.9	16.7	16.8
		SOUTHERN STATES RT 3860	41.7	40.4	46.4	1.1	35.0	35.8	35.9	18.9	18.4	18.7
	*	EBBERTS 1386RR	41.2	38.2	45.3	1.6	36.2	36.6	36.7	18.5	18.2	18.5
	*	SEED CONSULTANTS SC 9386RR	39.8	38.4	44.8	2.1	36.4	37.0	37.6	18.2	18.0	18.3
~NS		IA3027 (large seed, high protein)	38.3	32.6	33.7	1.2	39.0	39.4	39.3	18.3	18.4	18.6
	*	SEED CONSULTANTS SCS 9398RR	**47.7**			1.6	36.8			18.8		
	*	ARMOR ARX938	47.6			1.5	35.6			18.0		
	*	NK BRAND S39-A3	47.2	**44.3**		1.5	34.6	35.2		18.5	18.1	
	*	PIONEER 93Y20	46.7			1.9	36.6			19.1		
	*	SOUTHERN STATES RT 3871N	46.6	42.2		1.3	35.9	36.7		19.3	18.6	
	*	NK BRAND S37-P5	46.2	42.9		1.7	35.6	35.9		18.2	18.3	
	*	ASGROW AG3803	46.1	43.9		1.3	36.9	36.9		18.3	18.2	
~	*	EBBERTS 3386	46.0	42.1		1.7	36.7	37.3		18.5	18.0	
	*	NK BRAND S38-D5	45.6	42.2		1.4	35.8	36.3		17.7	17.1	
	*	SOUTHERN CROSS LUCAS 3.8 N, RR	45.6	42.4		1.4	36.7	37.4		17.5	17.1	
	*	PROGENY P3906 RR	45.6			1.5	37.4			18.4		
	*	SOUTHERN STATES RT 3971N	44.9	42.7		1.2	36.4	37.1		17.5	17.3	
		HORNBECK HBK R3927	44.8	41.5		2.4	38.3	39.0		19.1	18.6	
	*	VIGORO V37N8RR	44.8			1.1	36.2			17.9		
NS		ASGROW AG36-22V (low linolenic)	44.5			1.1	35.7			19.0		
	*	BECK 399NRR	44.4	42.1		1.2	36.9	37.3		18.0	17.1	
	*	SEED CONSULTANTS SC 9389RR	43.9			1.3	36.2			17.9		
	*	DYNA-GRO 32X39	43.6			1.3	36.7			17.6		
~	*	PORTER HYBRIDS PH 4385N	43.6			1.7	35.4			18.0		
~		PIONEER 93B82	43.1	39.8		1.8	37.6	37.6		18.5	18.5	
	*	EBBERTS 1378RR	43.1	41.9		1.4	36.7	37.8		17.7	17.2	
NS	*	ASGROW AG3121V (low linolenic)	42.8	41.3		1.7	37.0	37.0		18.5	18.2	
	*	ASGROW AG3603	42.7	41.1		1.1	37.1	37.6		17.8	17.4	
	*	BECK 364NRR	42.4			1.4	36.7			17.6		
~NS		IA3026 (low saturates)	42.2			1.9	34.7			19.3		
NS	*	ASGROW AG35-21V (low linolenic)	41.9	40.2		1.2	35.9	36.0		19.1	18.7	
	*	ARMOR 38-G2	41.7			1.5	37.1			17.5		
	*	CROW'S C3916R	41.7	41.6		1.2	37.3	37.8		17.8	17.5	
~	*	PORTER HYBRIDS PH 4360N	41.6			1.5	36.6			18.0		
~NS	*	SCHILLINGER SEED 397.TCL (low linolenic)	41.6	39.3		1.1	37.6	37.5		19.5	19.2	
NS	*	ASGROW AG2921V (low linolenic)	41.2	38.7		1.0	35.5	36.1		**19.8**	19.4	
	*	VIGORO V39N9RR	41.0			1.3	35.3			18.9		
NS		ASGROW DKB31-22V (low linolenic)	39.7			1.1	36.5			18.7		
NS		DAIRYLAND DST37-000-UL (low linolenic)	39.7			1.7	36.8			18.5		
~NS		IA3024 (low linolenic)	39.5	38.7		1.6	35.7	35.2		19.5	19.4	
NS		DAIRYLAND DST37-001-UL (low linolenic)	39.0			1.8	37.4			18.2		
~		SEED CONSULTANT SC 388	38.5			1.6	38.0			18.1		
NS	*	ASGROW AG2822V (low linolenic)	37.9	38.9		1.3	36.9	37.2		19.7	**19.7**	
~NS		IA3036 (mid oleic)	36.4			1.8	38.1			18.2		
~NS		IA3041 (low linolenic)	35.9			1.5	36.5			18.4		
~NS		IA3025 (low linolenic)	32.8	28.7		1.5	36.7	36.9		19.2	18.9	
		GROUP III AVERAGE	42.5	40.4	44.6	1.4	36.6	37.0	37.3	18.4	18.1	18.3
		LSD (0.10)	2.2	3.3	2.8	0.2						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 — SORTED BY 06-08 YIELD MEANS

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A]			LODGING	% PROTEIN[B]			% OIL[B]		
			2008	07-08	06-08	2008	2008	07-08	06-08	2008	07-08	06-08
		MATURITY GROUP EARLY IV (RELATIVE MG 4.0-4.5)										
	*	CAVERNDALE CF 422 RR/STSn	46.6	43.7	**49.4**	1.1	36.8	37.4	36.9	18.9	18.4	**18.7**
	*	PIONEER 94M50	42.4	43.1	48.8	1.2	36.2	35.9	36.4	19.2	18.4	18.5
	*	DELTA GROW 4150 RR	45.1	41.6	48.2	1.3	36.2	37.3	37.3	18.3	17.5	17.7
	*	BECK 422NRR	42.7	41.8	48.0	1.3	35.9	36.4	36.6	19.3	18.5	**18.7**
	*	ASGROW DKB42-51	41.5	40.3	47.1	1.3	33.7	34.2	34.7	19.3	18.3	18.3
	*	DELTA GROW 4460 RR	45.4	41.0	46.6	1.7	35.2	36.5	36.4	18.9	17.9	18.1
	*	SOUTHERN STATES RT 4451N	42.6	40.8	46.1	1.4	36.7	36.6	36.3	17.9	17.6	17.8
	*	ASGROW AG4404	41.3	39.1	46.0	1.3	37.0	37.0	36.9	18.5	17.7	18.0
	*	SOUTHERN STATES RT 4551N	43.6	40.0	45.8	1.6	35.2	37.1	**37.6**	19.3	18.2	18.2
~	*	SOUTHERN CROSS BENJAMIN 4.3 N	**48.0**			1.2	34.6			19.1		
	*	ASGROW AG4303	47.5			1.2	35.6			18.7		
	*	PIONEER 94Y01	47.2			1.6	34.5			19.4		
	*	ARMOR 42-M1	46.7			1.1	37.2			17.6		
~	*	PORTER HYBRIDS PH 4419N	46.4			1.3	35.5			17.9		
	*	CAVERNDALE CF 447 RR/STSn	46.4	**44.6**		1.1	35.6	36.2		18.9	18.5	
	*	CAVERNDALE CF 410 RR/STSn	46.4	43.7		1.1	36.8	37.5		17.8	16.9	
	*	NK BRAND S44-D5	46.3	44.2		1.4	35.7	36.4		18.3	17.7	
	*	TRISOY 4184RR(CN)	46.3			1.2	35.8			18.8		
	*	VIGORO V44N9RS	46.2			1.2	36.2			18.4		
	*	PROGENY P4206 RR	45.6	44.0		1.3	36.3	36.5		18.7	18.6	
	*	CROW'S C4119R	45.5			1.2	36.9			18.3		
	*	PIONEER 94Y20	45.4			1.5	37.3			18.8		
	*	ARMOR 44-K6	45.4			1.1	36.5			18.1		
	*	NK BRAND S43-N6	45.4			1.2	35.5			17.3		
	*	VIGORO V42N9RS	45.3			1.2	35.3			18.4		
	*	SOUTHERN STATES RT 4470N	45.2	44.0		1.1	36.2	36.3		18.3	18.3	
	*	SOUTHERN CROSS LOT 4.1 N, RR, STS	45.2			1.2	36.7			18.4		
	*	DYNA-GRO 35D44	45.1	42.4		1.3	36.5	37.5		19.1	18.1	
	*	TRISOY 4586RR(CN)	45.1			1.2	35.5			18.8		
	*	DELTA GROW 4470 RR/STS	45.0	42.0		1.4	34.9	35.7		19.2	18.7	
	*	SEED CONSULTANTS SC 9419RR	44.9			1.1	36.0			18.5		
	*	SEED CONSULTANTS SCS 9448RR	44.8			1.5	35.9			18.4		
EXP	*	SEED CONSULTANTS EXP 4242RR	44.6			1.1	36.4			18.3		
	*	TRISOY 4475RR(CN)	44.4			1.3	36.3			18.2		
	*	BECK 445NRR	44.3			1.1	35.5			18.7		
	*	SOUTHERN CROSS CALEB 4.4 N, RR, STS	44.2	41.2		1.1	36.2	36.1		18.8	18.4	
	*	STEYER 4430RR	44.1	42.9		1.3	35.1	35.9		18.9	18.7	
EXP		PROGENY P4508 RR	43.8			1.4	34.6			19.5		
	*	SOUTHERN CROSS JERICHO 4.2 N, RR	43.5			1.1	35.1			18.4		
	*	DYNA-GRO 38C42	43.4	42.5		1.1	36.1	36.7		19.1	18.5	
	*	SOUTHERN STATES RT 4370N	43.3	39.0		1.8	35.7	36.1		**19.6**	18.7	
	*	DYNA-GRO 33A40	43.2			1.4	35.6			19.4		
	*	ASGROW AG4005	43.2			1.0	36.0			18.0		
	*	DAIRYLAND 4300/RR	43.0			1.5	35.1			19.4		
EXP		PROGENY P4408 RR	43.0			1.1	35.7			18.5		
	*	SEED CONSULTANTS SC 9408RR	43.0			1.2	36.0			17.3		
	*	DYNA-GRO 36C44	42.6			1.1	36.1			18.0		
	*	SCHILLINGER SEED 457.RCP	42.4	38.8		1.9	35.3	36.3		18.9	18.2	
	*	DAIRYLAND 4500/RRSTS	42.4			1.4	35.6			19.3		
~NS	*	SCHILLINGER SEED 448 F.HPC (high protein)	42.3			1.2	41.4			17.0		
	*	STEYER 4040RR	41.9	43.0		1.6	37.3	37.7		18.7	18.1	
	*	PROGENY P4405 RR	41.5	38.3		1.7	35.8	37.1		18.1	17.2	
	*	L&M GLICK 843RR	41.4			1.6	35.5			19.5		
	*	SEED CONSULTANTS SC 9459RR	41.3			1.5	35.3			18.9		
		HORNBECK HBK R4527	41.1	36.2		1.8	37.2	38.6		18.2	17.3	
	*	SEED CONSULTANTS SCS 9409RR	41.1			1.2	37.1			17.8		
~	*	SCHILLINGER SEED 447.TC	41.0			1.3	37.9			17.8		
	*	VIGORO V40N8RS	40.9	40.3		1.3	35.8	36.8		19.5	**19.0**	
~NS	*	SCHILLINGER SEED 428 F.HPC (high protein)	40.8			1.4	**41.8**			17.0		
~		STEYER 434	40.1			1.2	36.9			18.4		
~	*	STEYER 410	39.7			1.6	36.2			18.1		
	*	CROW'S C4519R	39.6			1.3	36.6			18.5		
~	*	L&M GLICK 53	39.0			1.6	35.7			18.7		
	*	UNISOUTH GENETICS USG 74C36	38.7			1.7	37.3			17.4		
~	*	SCHILLINGER SEED 435.TCS	38.1			1.1	37.0			18.3		
~NS		SCHILLINGER SEED 446 F.HP (high protein)	37.7	35.4		1.2	39.5	**40.7**		16.7	15.5	
~NS		SCHILLINGER SEED XP44.TL (low linolenic)	37.3			1.2	35.4			19.5		
~NS		SCHILLINGER SEED 438.TL (low linolenic)	36.9			1.3	35.6			19.0		
		EARLY GROUP IV AVERAGE	43.3	41.3	47.3	1.3	36.2	36.8	36.6	18.5	18.0	18.2
		LSD (0.10)	2.5	3.5	2.6	0.1						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 — SORTED BY 06-08 YIELD MEANS

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP LATE IV (RELATIVE MG 4.6-4.9)										
	*	SOUTHERN STATES RT 4808N	44.4	43.9	**49.2**	1.6	35.6	37.0	36.0	19.0	17.6	17.8
	*	STINE 4782-4	43.3	42.0	49.1	1.2	33.5	35.7	35.2	19.9	19.5	19.4
	*	SOUTHERN CROSS ELI 4.7 N, RR, STS	41.8	41.7	49.0	1.2	34.0	35.0	34.7	19.8	19.7	**19.7**
	*	HORNBECK HBK R4924	44.1	43.6	48.3	1.6	35.9	37.2	36.4	19.1	18.0	18.2
	*	VIGORO V49N6RR	42.7	42.1	48.2	1.7	36.5	37.8	37.4	19.0	18.0	18.0
		ASGROW AG4903	45.5	42.5	48.0	1.4	36.8	37.2	36.5	19.3	18.7	18.7
	*	UNISOUTH GENETICS USG 74A76	45.4	42.7	48.0	1.6	35.1	37.2	36.6	19.3	18.0	18.2
	*	SOUTHERN STATES RT 4777N	41.4	42.6	47.9	1.4	35.0	36.3	36.5	19.1	18.4	18.5
	*	ASGROW AG4703	43.0	41.8	47.4	1.2	37.3	37.9	37.3	17.9	17.3	17.5
	*	ASGROW DKB46-51	46.5	42.2	47.3	1.4	36.4	37.9	37.8	19.1	18.3	18.2
	*	DELTA GROW 4970 RR	45.9	40.6	47.2	1.9	36.3	38.1	37.5	18.9	17.9	17.9
	*	SOUTHERN STATES RT 4760N	43.6	40.8	46.6	1.7	35.5	37.5	37.6	19.2	18.0	18.0
	*	SCHILLINGER SEED 495.RC	43.7	41.9	46.6	1.9	36.6	38.2	37.7	18.3	17.6	17.7
	*	NK BRAND S49-Q9	44.0	38.9	46.0	1.8	34.8	36.9	36.6	18.9	17.1	17.3
	*	SOUTHERN STATES RT 4996N	41.6	40.0	46.0	1.6	36.0	37.5	37.1	19.7	18.4	18.6
	*	DELTA GROW 4840 RR	41.1	39.7	44.6	1.7	35.3	36.8	36.7	18.1	16.8	17.4
	*	PIONEER 94M80	39.6	37.0	43.5	1.4	38.4	**39.7**	**38.9**	17.6	17.1	17.4
	*	PIONEER 94Y70	**46.6**			1.7	34.9			19.5		
	*	ASGROW AG4606	46.5			1.4	34.7			21.0		
	*	PROGENY P4908 RR	46.3			1.5	35.2			18.8		
	*	ARMOR 48-J3	46.1	45.1		1.4	37.4	38.7		18.7	18.1	
	*	BECK 474NRR	45.7			1.3	37.0			17.8		
	*	VIGORO V47N9RS	45.3			1.3	35.7			19.6		
	*	CROW'S C4820R	45.0			1.3	35.9			19.5		
		DELTA GROW 4870 RR	45.0			1.5	37.2			17.7		
	*	SEED CONSULTANTS SCS 9479RR	45.0			1.4	35.1			19.2		
	*	UNISOUTH GENETICS USG 74G78	45.0			1.1	33.9			19.6		
EXP	*	NK BRAND XR4881	44.8			1.2	34.7			18.6		
	*	SOUTHERN CROSS RUFUS 4.7 N, RR, STS	44.6			1.2	35.6			19.7		
	*	PROGENY P4606 RR	44.4	43.3		1.2	33.7	35.7		19.6	18.5	
		DAIRYLAND 8482/RR	44.4	42.0		1.5	35.8	37.2		18.9	18.3	
	*	SOUTHERN STATES RT 4888N	44.2			1.4	36.8			18.1		
	*	PROGENY P4918 RR	44.2			1.6	37.4			17.8		
	*	ASGROW AG4907	43.9			1.6	35.3			18.7		
	*	ASGROW AG4705	43.8			2.0	35.7			20.3		
	*	NK BRAND S47-D9	43.8	**45.3**		1.1	34.1	35.8		19.6	18.7	
	*	ARMOR 47-F8	43.5	42.5		1.1	34.0	35.7		19.3	18.7	
	*	VIGORO V48N7RS	43.4	42.0		1.1	34.0	34.8		19.5	19.0	
	*	PROGENY P4718 RR	43.4			1.4	37.3			18.0		
	*	HORNBECK HBK R4727	43.3	40.7		1.4	35.0	35.8		19.0	18.2	
	*	CAVERNDALE CF 470 RR/STSn	43.2	42.4		1.1	34.5	35.5		19.7	19.1	
		DELTA GROW 4975 LARR	43.2	40.7		1.4	35.8	37.2		18.8	17.7	
	*	STEYER 4620RR	43.2			1.2	35.6			19.7		
		PROGENY P4906 RR	43.1	39.4		1.4	35.2	36.9		18.6	17.9	
	*	SEED CONSULTANTS SC 9468RR	43.1	41.2		1.2	33.1	34.5		20.1	19.5	
	*	ASGROW AG4605	42.7	39.1		1.3	34.5	36.1		19.0	18.6	
	*	PIONEER 94Y90	42.5			1.6	36.3			19.4		
	*	DELTA GROW 4770 RR	42.2	41.5		1.6	35.3	37.4		19.0	18.1	
	*	PIONEER 94Y60	42.0			1.2	38.7			17.6		
	*	PROGENY P4807 RR	41.9	38.7		1.5	34.7	35.9		19.2	18.3	
	*	PROGENY P4706 RR	41.7	40.5		1.6	35.4	36.9		19.1	18.2	
	*	VIGORO V47N8RR	41.7			1.3	34.8			19.3		
	*	DELTA GROW 4780 RR	41.5	38.8		1.4	35.0	35.8		19.5	18.9	
	*	ARMOR ARX4717	41.2			1.2	36.1			19.0		
	*	TRISOY 4760RR(CN)	41.2	39.0		1.2	32.5	34.1		**21.5**	**20.3**	
		PROGENY P4949 RR	40.7	40.4		1.5	35.4	37.6		19.9	18.1	
	*	UNISOUTH GENETICS USG 74T98	40.0			2.2	36.2			18.3		
	*	SOUTHERN CROSS GALILEE 4.7 N, RR	39.9	39.4		1.3	35.3	36.2		19.2	18.9	
	*	SOUTHERN CROSS HIRAM 4.9 N, RR	39.2	38.6		1.4	35.6	36.1		18.9	17.7	
	*	UNISOUTH GENETICS USG 7484nRR	39.1			1.7	35.7			17.9		
~	*	SCHILLINGER SEED 477.TCS	38.6			1.3	37.9			18.0		
~P		PENNYRILE (long term check-released 1987)	38.3	35.8		1.5	37.0	38.0		19.1	18.6	
EXP	*	DAIRYLAND 47-001/RR	38.1	35.7		1.5	35.4	36.1		18.7	18.4	
	*	NK BRAND S45-E5	36.9			1.4	36.7			18.7		
~NS		KS4607 (high protein)	36.3	35.3		1.3	**39.4**	39.4		18.4	17.6	
	*	SCHILLINGER SEED 478.RCS	36.2			1.5	35.1			18.6		
		LATE GROUP IV AVERAGE	42.8	40.8	47.2	1.4	35.6	36.8	36.9	19.0	18.3	18.1
		LSD (0.10)	2.2	3.8	2.5	0.1						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 — SORTED BY 06-08 YIELD MEANS

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP V										
~		UNISOUTH GENETICS USG 5601T	42.7	**41.0**	**47.8**	2.1	37.3	38.5	38.3	18.4	17.6	17.3
~		UNISOUTH GENETICS USG 5002T	44.5	40.4	47.1	2.2	36.1	37.5	37.0	18.7	18.1	18.1
~P		TEEJAY	43.1	40.3	46.0	1.8	35.8	37.7	37.0	18.4	17.5	17.6
	*	DELTA GROW 5160 RR/STS	39.4	37.0	45.0	1.7	36.3	38.5	38.2	**20.1**	**18.8**	**18.6**
	*	DELTA KING DK52K6	35.7	36.5	43.6	2.4	**39.1**	39.7	**39.0**	17.3	17.0	17.2
~P		JAKE	37.8	36.9	43.3	1.6	38.2	38.0	37.2	17.0	17.2	17.4
	*	SOUTHERN CROSS DAMASCUS 5.0 N, RR, STS	38.8	35.2	43.0	1.7	36.3	38.4	38.0	19.7	18.7	**18.6**
		UNISOUTH GENETICS USG ALLEN	36.6	35.0	42.9	2.0	37.2	38.2	37.6	17.9	17.5	17.2
	*	SOUTHERN STATES RT 5160N	36.9	36.3	42.7	2.0	37.4	38.0	37.1	17.4	17.2	17.5
	*	UNISOUTH GENETICS USG 75J32	37.1	34.9	42.4	1.9	37.1	38.6	37.9	18.3	17.1	17.3
	*	SOUTHERN STATES RT 5540N	36.6	35.2	41.6	2.4	38.8	39.4	38.5	18.1	17.5	17.7
~P	*	KS5004N	**45.8**			2.1	35.8			19.0		
	*	DAIRYLAND 8509/RR	42.3	38.0		1.8	36.6	37.8		19.3	18.2	
	*	DELTA GROW 5170 RR	41.8			1.1	35.1			19.1		
	*	ARMOR 53-Z5	40.7			1.8	37.2			18.0		
	*	PROGENY P5408 RR	40.6			2.0	37.5			17.8		
	*	STINE 5482-4	40.4	37.7		1.6	36.3	37.2		18.5	18.1	
~P		V98-2711	39.8			2.3	38.3			18.0		
	*	SCHILLINGER SEED 557.RC	39.8			1.9	37.3			17.7		
	*	PROGENY P5208 RR	38.9			1.5	36.7			18.7		
	*	DELTA GROW 5300 RR	38.8	36.1		2.3	37.3	38.4		17.5	16.6	
	*	PROGENY P5115 RR	38.6	34.9		1.6	35.2	36.0		19.6	18.8	
	*	UNISOUTH GENETICS USG 75J47	38.5	37.5		1.9	37.5	37.8		18.0	17.7	
	*	PROGENY P5218 RR	38.4			2.7	36.8			18.4		
	*	PROGENY P5108 RR	38.2			1.5	37.8			18.2		
EXP-NS		V01-1702 (3.5% linolenic)	37.8			1.8	36.6			19.4		
	*	PROGENY P5308 RR	37.7			1.7	37.1			18.4		
~P		ESSEX (long term check-released 1974)	37.5	35.2		2.0	38.3	**39.9**		18.0	17.4	
	*	PROGENY P5107 RR	37.5	32.1		2.1	36.5	38.5		18.4	17.3	
EXP-NS		V01-1693 (3.5% linolenic)	37.3			1.9	36.7			18.7		
	*	PIONEER 95Y20	37.0			1.8	36.1			18.4		
	*	DAIRYLAND 8512/RR	36.9			1.6	37.7			18.5		
	*	DELTA GROW 5450 RR	36.1			1.8	37.6			17.4		
~		PROGENY P5770	36.0			2.7	37.1			18.6		
	*	DELTA GROW 5470 RR	35.9	34.6		1.6	37.6	38.6		17.4	17.1	
~		HORNBECK HBK C4926	33.8			1.6	36.5			18.7		
		GROUP V AVERAGE	38.8	36.6	44.1	1.9	37.0	38.2	37.8	18.4	17.6	17.7
		LSD (0.10)	1.8	3.5	2.7	0.2						
		GRAND MEAN	42.2	40.1	46.1	1.5	36.3	37.1	37.1	18.6	18.1	18.1

~ Variety is not Roundup Ready. All varieties without a tilda (~) prefix are Roundup Ready.

* Resistant to soybean cyst nematode. See Table 3. Company Disease Resistance Specifications for details.

P Entries with a P prefix are public varieties.

NS Entries with a NS prefix are novel soybean varieties that are emerging from both the public and private sectors. Some of these value-added soybean types will supply relatively small market niches, while others may be of much broader market value. Testing novel soybeans will enable producers to assess whether premiums for a given trait offset possible yield lag/drag.

EXP Entries with an EXP prefix are varieties that are still under development or soon to be released.

A Within a maturity group, shaded yields are not significantly different (0.10 level) from the highest yielding cultivar (bold data) of that maturity group and year column.

B Variety protein and oil concentration was determined at the Hancock Co. location (all test locations for NS entries) and expressed on the basis of 13% moisture. The 2008 data were provided by the University of Kentucky using near-infrared (NIR) analysis. The 2007 and 2006 data were provided by the Iowa State University Grain Quality Analysis Services using near-infrared (NIR) analysis.

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 — SORTED BY LODGING SCORE

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008 sort	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP II-III (RELATIVE MG 2.7-3.9)										
NS	*	ASGROW AG2921V (low linolenic)	41.2	38.7		1.0	35.5	36.1		**19.8**	19.4	
NS		ASGROW AG36-22V (low linolenic)	44.5			1.1	35.7			19.0		
	*	ASGROW AG3603	42.7	41.1		1.1	37.1	37.6		17.8	17.4	
		SOUTHERN STATES RT 3860	41.7	40.4	46.4	1.1	35.0	35.8	35.9	18.9	18.4	18.7
NS		ASGROW DKB31-22V (low linolenic)	39.7			1.1	36.5			18.7		
	*	VIGORO V37N8RR	44.8			1.1	36.2			17.9		
	*	ASGROW AG3705	42.5	41.7	**48.2**	1.1	34.9	35.4	35.6	18.3	17.8	18.2
	*	ASGROW AG3906	41.8	40.8	47.0	1.1	36.2	36.3	36.5	18.8	18.6	**18.9**
~NS	*	SCHILLINGER SEED 397.TCL (low linolenic)	41.6	39.3		1.1	37.6	37.5		19.5	19.2	
NS	*	ASGROW AG35-21V (low linolenic)	41.9	40.2		1.2	35.9	36.0		19.1	18.7	
	*	CROW'S C3916R	41.7	41.6		1.2	37.3	37.8		17.8	17.5	
	*	SOUTHERN STATES RT 3971N	44.9	42.7		1.2	36.4	37.1		17.5	17.3	
	*	BECK 399NRR	44.4	42.1		1.2	36.9	37.3		18.0	17.1	
~NS		IA3027 (large seed, high protein)	38.3	32.6	33.7	1.2	39.0	39.4	39.3	18.3	18.4	18.6
	*	SOUTHERN STATES RT 3871N	46.6	42.2		1.3	35.9	36.7		19.3	18.6	
	*	ASGROW AG3803	46.1	43.9		1.3	36.9	36.9		18.3	18.2	
	*	SEED CONSULTANTS SC 9389RR	43.9			1.3	36.2			17.9		
	*	VIGORO V39N9RR	41.0			1.3	35.3			18.9		
	*	DYNA-GRO 32X39	43.6			1.3	36.7			17.6		
NS	*	ASGROW AG2822V (low linolenic)	37.9	38.9		1.3	36.9	37.2		19.7	**19.7**	
	*	SOUTHERN CROSS LUCAS 3.8 N, RR	45.6	42.4		1.4	36.7	37.4		17.5	17.1	
	*	BECK 364NRR	42.4			1.4	36.7			17.6		
	*	NK BRAND S38-D5	45.6	42.2		1.4	35.8	36.3		17.7	17.1	
	*	EBBERTS 1378RR	43.1	41.9		1.4	36.7	37.8		17.7	17.2	
	*	ARMOR ARX938	47.6			1.5	35.6			18.0		
	*	NK BRAND S39-A3	47.2	**44.3**		1.5	34.6	35.2		18.5	18.1	
	*	PROGENY P3906 RR	45.6			1.5	37.4			18.4		
~	*	PORTER HYBRIDS PH 4360N	41.6			1.5	36.6			18.0		
~NS		IA3025 (low linolenic)	32.8	28.7		1.5	36.7	36.9		19.2	18.9	
	*	ARMOR 38-G2	41.7			1.5	37.1			17.5		
~NS		IA3041 (low linolenic)	35.9			1.5	36.5			18.4		
~NS		IA3024 (low linolenic)	39.5	38.7		1.6	35.7	35.2		19.5	19.4	
	*	SEED CONSULTANTS SCS 9398RR	**47.7**			1.6	36.8			18.8		
	*	EBBERTS 1386RR	41.2	38.2	45.3	1.6	36.2	36.6	36.7	18.5	18.2	18.5
~		SEED CONSULTANT SC 388	38.5			1.6	38.0			18.1		
	*	NK BRAND S37-P5	46.2	42.9		1.7	35.6	35.9		18.2	18.3	
~	*	PORTER HYBRIDS PH 4385N	43.6			1.7	35.4			18.0		
	*	EBBERTS 1365RR	43.3	43.2	46.8	1.7	**39.2**	**39.6**	**39.8**	16.9	16.7	16.8
NS		DAIRYLAND DST37-000-UL (low linolenic)	39.7			1.7	36.8			18.5		
~	*	EBBERTS 3386	46.0	42.1		1.7	36.7	37.3		18.5	18.0	
NS	*	ASGROW AG3121V (low linolenic)	42.8	41.3		1.7	37.0	37.0		18.5	18.2	
~		PIONEER 93B82	43.1	39.8		1.8	37.6	37.6		18.5	18.5	
NS		DAIRYLAND DST37-001-UL (low linolenic)	39.0			1.8	37.4			18.2		
~NS		IA3036 (mid oleic)	36.4			1.8	38.1			18.2		
	*	PIONEER 93Y20	46.7			1.9	36.6			19.1		
~NS		IA3026 (low saturates)	42.2			1.9	34.7			19.3		
	*	SEED CONSULTANTS SC 9386RR	39.8	38.4	44.8	2.1	36.4	37.0	37.6	18.2	18.0	18.3
		HORNBECK HBK R3927	44.8	41.5		2.4	38.3	39.0		19.1	18.6	
		GROUP III AVERAGE	42.5	40.4	44.6	1.4	36.6	37.0	37.3	18.4	18.1	18.3
		LSD (0.10)	2.2	3.3	2.8	0.2						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 — SORTED BY LODGING SCORE

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP EARLY IV (RELATIVE MG 4.0-4.5)										
	*	ASGROW AG4005	43.2			1.0	36.0			18.0		
	*	ARMOR 42-M1	46.7			1.1	37.2			17.6		
	*	CAVERNDALE CF 447 RR/STSn	46.4	**44.6**		1.1	35.6	36.2		18.9	18.5	
	*	ARMOR 44-K6	45.4			1.1	36.5			18.1		
	*	SOUTHERN CROSS JERICHO 4.2 N, RR	43.5			1.1	35.1			18.4		
	*	DYNA-GRO 38C42	43.4	42.5		1.1	36.1	36.7		19.1	18.5	
	*	DYNA-GRO 36C44	42.6			1.1	36.1			18.0		
	*	CAVERNDALE CF 422 RR/STSn	46.6	43.7	**49.4**	1.1	36.8	37.4	36.9	18.9	18.4	**18.7**
	*	CAVERNDALE CF 410 RR/STSn	46.4	43.7		1.1	36.8	37.5		17.8	16.9	
	*	SOUTHERN STATES RT 4470N	45.2	44.0		1.1	36.2	36.3		18.3	18.3	
	*	SEED CONSULTANTS SC 9419RR	44.9			1.1	36.0			18.5		
EXP	*	SEED CONSULTANTS EXP 4242RR	44.6			1.1	36.4			18.3		
	*	BECK 445NRR	44.3			1.1	35.5			18.7		
	*	SOUTHERN CROSS CALEB 4.4 N, RR, STS	44.2	41.2		1.1	36.2	36.1		18.8	18.4	
EXP		PROGENY P4408 RR	43.0			1.1	35.7			18.5		
~	*	SCHILLINGER SEED 435.TCS	38.1			1.1	37.0			18.3		
	*	ASGROW AG4303	47.5			1.2	35.6			18.7		
	*	VIGORO V44N9RS	46.2			1.2	36.2			18.4		
	*	CROW'S C4119R	45.5			1.2	36.9			18.3		
	*	VIGORO V42N9RS	45.3			1.2	35.3			18.4		
	*	TRISOY 4586RR(CN)	45.1			1.2	35.5			18.8		
	*	SEED CONSULTANTS SC 9408RR	43.0			1.2	36.0			17.3		
	*	SEED CONSULTANTS SCS 9409RR	41.1			1.2	37.1			17.8		
~NS		SCHILLINGER SEED XP44.TL (low linolenic)	37.3			1.2	35.4			19.5		
~	*	SOUTHERN CROSS BENJAMIN 4.3 N	**48.0**			1.2	34.6			19.1		
	*	TRISOY 4184RR(CN)	46.3			1.2	35.8			18.8		
	*	NK BRAND S43-N6	45.4			1.2	35.5			17.3		
	*	SOUTHERN CROSS LOT 4.1 N, RR, STS	45.2			1.2	36.7			18.4		
	*	PIONEER 94M50	42.4	43.1	48.8	1.2	36.2	35.9	36.4	19.2	18.4	18.5
~NS	*	SCHILLINGER SEED 448 F.HPC (high protein)	42.3			1.2	41.4			17.0		
~		STEYER 434	40.1			1.2	36.9			18.4		
~NS		SCHILLINGER SEED 446 F.HP (high protein)	37.7	35.4		1.2	39.5	**40.7**		16.7	15.5	
~	*	PORTER HYBRIDS PH 4419N	46.4			1.3	35.5			17.9		
	*	DELTA GROW 4150 RR	45.1	41.6	48.2	1.3	36.2	37.3	37.3	18.3	17.5	17.7
	*	BECK 422NRR	42.7	41.8	48.0	1.3	35.9	36.4	36.6	19.3	18.5	**18.7**
~	*	SCHILLINGER SEED 447.TC	41.0			1.3	37.9			17.8		
~NS		SCHILLINGER SEED 438.TL (low linolenic)	36.9			1.3	35.6			19.0		
	*	PROGENY P4206 RR	45.6	44.0		1.3	36.3	36.5		18.7	18.6	
	*	DYNA-GRO 35D44	45.1	42.4		1.3	36.5	37.5		19.1	18.1	
	*	TRISOY 4475RR(CN)	44.4			1.3	36.3			18.2		
	*	STEYER 4430RR	44.1	42.9		1.3	35.1	35.9		18.9	18.7	
	*	ASGROW DKB42-51	41.5	40.3	47.1	1.3	33.7	34.2	34.7	19.3	18.3	18.3
	*	ASGROW AG4404	41.3	39.1	46.0	1.3	37.0	37.0	36.9	18.5	17.7	18.0
	*	VIGORO V40N8RS	40.9	40.3		1.3	35.8	36.8		19.5	**19.0**	
	*	CROW'S C4519R	39.6			1.3	36.6			18.5		
	*	NK BRAND S44-D5	46.3	44.2		1.4	35.7	36.4		18.3	17.7	
	*	DELTA GROW 4470 RR/STS	45.0	42.0		1.4	34.9	35.7		19.2	18.7	
	*	DYNA-GRO 33A40	43.2			1.4	35.6			19.4		
	*	SOUTHERN STATES RT 4451N	42.6	40.8	46.1	1.4	36.7	36.6	36.3	17.9	17.6	17.8
	*	DAIRYLAND 4500/RRSTS	42.4			1.4	35.6			19.3		
EXP		PROGENY P4508 RR	43.8			1.4	34.6			19.5		
~NS	*	SCHILLINGER SEED 428 F.HPC (high protein)	40.8			1.4	**41.8**			17.0		
	*	SEED CONSULTANTS SC 9459RR	41.3			1.5	35.3			18.9		
	*	PIONEER 94Y20	45.4			1.5	37.3			18.8		
	*	SEED CONSULTANTS SCS 9448RR	44.8			1.5	35.9			18.4		
	*	DAIRYLAND 4300/RR	43.0			1.5	35.1			19.4		
	*	PIONEER 94Y01	47.2			1.6	34.5			19.4		
	*	SOUTHERN STATES RT 4551N	43.6	40.0	45.8	1.6	35.2	37.1	**37.6**	19.3	18.2	18.2
	*	STEYER 4040RR	41.9	43.0		1.6	37.3	37.7		18.7	18.1	
~	*	STEYER 410	39.7			1.6	36.2			18.1		
~	*	L&M GLICK 53	39.0			1.6	35.7			18.7		
	*	L&M GLICK 843RR	41.4			1.6	35.5			19.5		
	*	DELTA GROW 4460 RR	45.4	41.0	46.6	1.7	35.2	36.5	36.4	18.9	17.9	18.1
	*	PROGENY P4405 RR	41.5	38.3		1.7	35.8	37.1		18.1	17.2	
	*	UNISOUTH GENETICS USG 74C36	38.7			1.7	37.3			17.4		
	*	SOUTHERN STATES RT 4370N	43.3	39.0		1.8	35.7	36.1		**19.6**	18.7	
		HORNBECK HBK R4527	41.1	36.2		1.8	37.2	38.6		18.2	17.3	
	*	SCHILLINGER SEED 457.RCP	42.4	38.8		1.9	35.3	36.3		18.9	18.2	
		EARLY GROUP IV AVERAGE	43.3	41.3	47.3	1.3	36.2	36.8	36.6	18.5	18.0	18.2
		LSD (0.10)	2.5	3.5	2.6	0.1						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 — SORTED BY LODGING SCORE

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP LATE IV (RELATIVE MG 4.6-4.9)										
	*	UNISOUTH GENETICS USG 74G78	45.0			1.1	33.9			19.6		
	*	NK BRAND S47-D9	43.8	**45.3**		1.1	34.1	35.8		19.6	18.7	
	*	ARMOR 47-F8	43.5	42.5		1.1	34.0	35.7		19.3	18.7	
	*	VIGORO V48N7RS	43.4	42.0		1.1	34.0	34.8		19.5	19.0	
	*	CAVERNDALE CF 470 RR/STSn	43.2	42.4		1.1	34.5	35.5		19.7	19.1	
	*	PROGENY P4606 RR	44.4	43.3		1.2	33.7	35.7		19.6	18.5	
	*	STINE 4782-4	43.3	42.0	49.1	1.2	33.5	35.7	35.2	19.9	19.5	19.4
	*	PIONEER 94Y60	42.0			1.2	38.7			17.6		
	*	SOUTHERN CROSS ELI 4.7 N, RR, STS	41.8	41.7	49.0	1.2	34.0	35.0	34.7	19.8	19.7	**19.7**
	*	ARMOR ARX4717	41.2			1.2	36.1			19.0		
	*	TRISOY 4760RR(CN)	41.2	39.0		1.2	32.5	34.1		**21.5**	**20.3**	
EXP	*	NK BRAND XR4881	44.8			1.2	34.7			18.6		
	*	SOUTHERN CROSS RUFUS 4.7 N, RR, STS	44.6			1.2	35.6			19.7		
	*	STEYER 4620RR	43.2			1.2	35.6			19.7		
	*	SEED CONSULTANTS SC 9468RR	43.1	41.2		1.2	33.1	34.5		20.1	19.5	
	*	ASGROW AG4703	43.0	41.8	47.4	1.2	37.3	37.9	37.3	17.9	17.3	17.5
	*	BECK 474NRR	45.7			1.3	37.0			17.8		
	*	VIGORO V47N9RS	45.3			1.3	35.7			19.6		
	*	CROW'S C4820R	45.0			1.3	35.9			19.5		
	*	ASGROW AG4605	42.7	39.1		1.3	34.5	36.1		19.0	18.6	
	*	VIGORO V47N8RR	41.7			1.3	34.8			19.3		
~NS		KS4607 (high protein)	36.3	35.3		1.3	**39.4**	39.4		18.4	17.6	
	*	SOUTHERN CROSS GALILEE 4.7 N, RR	39.9	39.4		1.3	35.3	36.2		19.2	18.9	
~	*	SCHILLINGER SEED 477.TCS	38.6			1.3	37.9			18.0		
	*	ASGROW DKB46-51	46.5	42.2	47.3	1.4	36.4	37.9	37.8	19.1	18.3	18.2
	*	ASGROW AG4606	46.5			1.4	34.7			21.0		
	*	ARMOR 48-J3	46.1	45.1		1.4	37.4	38.7		18.7	18.1	
	*	SEED CONSULTANTS SCS 9479RR	45.0			1.4	35.1			19.2		
	*	PROGENY P4718 RR	43.4			1.4	37.3			18.0		
	*	HORNBECK HBK R4727	43.3	40.7		1.4	35.0	35.8		19.0	18.2	
	*	DELTA GROW 4780 RR	41.5	38.8		1.4	35.0	35.8		19.5	18.9	
	*	SOUTHERN CROSS HIRAM 4.9 N, RR	39.2	38.6		1.4	35.6	36.1		18.9	17.7	
	*	NK BRAND S45-E5	36.9			1.4	36.7			18.7		
		ASGROW AG4903	45.5	42.5	48.0	1.4	36.8	37.2	36.5	19.3	18.7	18.7
	*	SOUTHERN STATES RT 4888N	44.2			1.4	36.8			18.1		
		DELTA GROW 4975 LARR	43.2	40.7		1.4	35.8	37.2		18.8	17.7	
		PROGENY P4906 RR	43.1	39.4		1.4	35.2	36.9		18.6	17.9	
	*	SOUTHERN STATES RT 4777N	41.4	42.6	47.9	1.4	35.0	36.3	36.5	19.1	18.4	18.5
	*	PIONEER 94M80	39.6	37.0	43.5	1.4	38.4	**39.7**	**38.9**	17.6	17.1	17.4
	*	PROGENY P4908 RR	46.3			1.5	35.2			18.8		
		DELTA GROW 4870 RR	45.0			1.5	37.2			17.7		
		DAIRYLAND 8482/RR	44.4	42.0		1.5	35.8	37.2		18.9	18.3	
	*	PROGENY P4807 RR	41.9	38.7		1.5	34.7	35.9		19.2	18.3	
~P		PENNYRILE (long term check-released 1987)	38.3	35.8		1.5	37.0	38.0		19.1	18.6	
EXP	*	DAIRYLAND 47-001/RR	38.1	35.7		1.5	35.4	36.1		18.7	18.4	
		PROGENY P4949 RR	40.7	40.4		1.5	35.4	37.6		19.9	18.1	
	*	SCHILLINGER SEED 478.RCS	36.2			1.5	35.1			18.6		
	*	PROGENY P4918 RR	44.2			1.6	37.4			17.8		
	*	PIONEER 94Y90	42.5			1.6	36.3			19.4		
	*	UNISOUTH GENETICS USG 74A76	45.4	42.7	48.0	1.6	35.1	37.2	36.6	19.3	18.0	18.2
	*	SOUTHERN STATES RT 4808N	44.4	43.9	**49.2**	1.6	35.6	37.0	36.0	19.0	17.6	17.8
	*	HORNBECK HBK R4924	44.1	43.6	48.3	1.6	35.9	37.2	36.4	19.1	18.0	18.2
	*	ASGROW AG4907	43.9			1.6	35.3			18.7		
	*	DELTA GROW 4770 RR	42.2	41.5		1.6	35.3	37.4		19.0	18.1	
	*	PROGENY P4706 RR	41.7	40.5		1.6	35.4	36.9		19.1	18.2	
	*	SOUTHERN STATES RT 4996N	41.6	40.0	46.0	1.6	36.0	37.5	37.1	19.7	18.4	18.6
	*	PIONEER 94Y70	**46.6**			1.7	34.9			19.5		
	*	DELTA GROW 4840 RR	41.1	39.7	44.6	1.7	35.3	36.8	36.7	18.1	16.8	17.4
	*	UNISOUTH GENETICS USG 7484nRR	39.1			1.7	35.7			17.9		
	*	SOUTHERN STATES RT 4760N	43.6	40.8	46.6	1.7	35.5	37.5	37.6	19.2	18.0	18.0
	*	VIGORO V49N6RR	42.7	42.1	48.2	1.7	36.5	37.8	37.4	19.0	18.0	18.0
	*	NK BRAND S49-Q9	44.0	38.9	46.0	1.8	34.8	36.9	36.6	18.9	17.1	17.3
	*	DELTA GROW 4970 RR	45.9	40.6	47.2	1.9	36.3	38.1	37.5	18.9	17.9	17.9
	*	SCHILLINGER SEED 495.RC	43.7	41.9	46.6	1.9	36.6	38.2	37.7	18.3	17.6	17.7
	*	ASGROW AG4705	43.8			2.0	35.7			20.3		
	*	UNISOUTH GENETICS USG 74T98	40.0			2.2	36.2			18.3		
		LATE GROUP IV AVERAGE	42.8	40.8	47.2	1.4	35.6	36.8	36.9	19.0	18.3	18.1
		LSD (0.10)	2.2	3.8	2.5	0.1						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 SORTED BY LODGING SCORE

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP V										
	*	DELTA GROW 5170 RR	41.8			1.1	35.1			19.1		
	*	PROGENY P5208 RR	38.9			1.5	36.7			18.7		
	*	PROGENY P5108 RR	38.2			1.5	37.8			18.2		
	*	DAIRYLAND 8512/RR	36.9			1.6	37.7			18.5		
	*	DELTA GROW 5470 RR	35.9	34.6		1.6	37.6	38.6		17.4	17.1	
~		HORNBECK HBK C4926	33.8			1.6	36.5			18.7		
	*	STINE 5482-4	40.4	37.7		1.6	36.3	37.2		18.5	18.1	
	*	PROGENY P5115 RR	38.6	34.9		1.6	35.2	36.0		19.6	18.8	
~P		JAKE	37.8	36.9	43.3	1.6	38.2	38.0	37.2	17.0	17.2	17.4
	*	DELTA GROW 5160 RR/STS	39.4	37.0	45.0	1.7	36.3	38.5	38.2	**20.1**	**18.8**	**18.6**
	*	SOUTHERN CROSS DAMASCUS 5.0 N, RR, STS	38.8	35.2	43.0	1.7	36.3	38.4	38.0	19.7	18.7	**18.6**
	*	PROGENY P5308 RR	37.7			1.7	37.1			18.4		
~P		TEEJAY	43.1	40.3	46.0	1.8	35.8	37.7	37.0	18.4	17.5	17.6
	*	ARMOR 53-Z5	40.7			1.8	37.2			18.0		
EXP-NS		V01-1702 (3.5% linolenic)	37.8			1.8	36.6			19.4		
	*	PIONEER 95Y20	37.0			1.8	36.1			18.4		
	*	DAIRYLAND 8509/RR	42.3	38.0		1.8	36.6	37.8		19.3	18.2	
	*	DELTA GROW 5450 RR	36.1			1.8	37.6			17.4		
EXP-NS		V01-1693 (3.5% linolenic)	37.3			1.9	36.7			18.7		
	*	UNISOUTH GENETICS USG 75J32	37.1	34.9	42.4	1.9	37.1	38.6	37.9	18.3	17.1	17.3
	*	SCHILLINGER SEED 557.RC	39.8			1.9	37.3			17.7		
	*	UNISOUTH GENETICS USG 75J47	38.5	37.5		1.9	37.5	37.8		18.0	17.7	
		UNISOUTH GENETICS USG ALLEN	36.6	35.0	42.9	2.0	37.2	38.2	37.6	17.9	17.5	17.2
	*	PROGENY P5408 RR	40.6			2.0	37.5			17.8		
~P		ESSEX (long term check-released 1974)	37.5	35.2		2.0	38.3	**39.9**		18.0	17.4	
	*	SOUTHERN STATES RT 5160N	36.9	36.3	42.7	2.0	37.4	38.0	37.1	17.4	17.2	17.5
~		UNISOUTH GENETICS USG 5601T	42.7	**41.0**	**47.8**	2.1	37.3	38.5	38.3	18.4	17.6	17.3
	*	PROGENY P5107 RR	37.5	32.1		2.1	36.5	38.5		18.4	17.3	
~P	*	KS5004N	**45.8**			2.1	35.8			19.0		
~		UNISOUTH GENETICS USG 5002T	44.5	40.4	47.1	2.2	36.1	37.5	37.0	18.7	18.1	18.1
~P		V98-2711	39.8			2.3	38.3			18.0		
	*	DELTA GROW 5300 RR	38.8	36.1		2.3	37.3	38.4		17.5	16.6	
	*	DELTA KING DK52K6	35.7	36.5	43.6	2.4	**39.1**	39.7	**39.0**	17.3	17.0	17.2
	*	SOUTHERN STATES RT 5540N	36.6	35.2	41.6	2.4	38.8	39.4	38.5	18.1	17.5	17.7
	*	PROGENY P5218 RR	38.4			2.7	36.8			18.4		
~		PROGENY P5770	36.0			2.7	37.1			18.6		
		GROUP V AVERAGE	38.8	36.6	44.1	1.9	37.0	38.2	37.8	18.4	17.6	17.7
		LSD (0.10)	1.8	3.5	2.7	0.2						
		GRAND MEAN	42.2	40.1	46.1	1.5	36.3	37.1	37.1	18.6	18.1	18.1

~ Variety is not Roundup Ready. All varieties without a tilda (~) prefix are Roundup Ready.

* Resistant to soybean cyst nematode. See Table 3. Company Disease Resistance Specifications for details.

P Entries with a P prefix are public varieties.

NS Entries with a NS prefix are novel soybean varieties that are emerging from both the public and private sectors. Some of these value-added soybean types will supply relatively small market niches, while others may be of much broader market value. Testing novel soybeans will enable producers to assess whether premiums for a given trait offset possible yield lag/drag.

EXP Entries with an EXP prefix are varieties that are still under development or soon to be released.

A Within a maturity group, shaded yields are not significantly different (0.10 level) from the highest yielding cultivar (bold data) of that maturity group and year column.

B Variety protein and oil concentration was determined at the Hancock Co. location (all test locations for NS entries) and expressed on the basis of 13% moisture. The 2008 data were provided by the University of Kentucky using near-infrared (NIR) analysis. The 2007 and 2006 data were provided by the Iowa State University Grain Quality Analysis Services using near-infrared (NIR) analysis.

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 — SORTED BY 2008 % PROTEIN

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008 sort	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP II-III (RELATIVE MG 2.7-3.9)										
	*	EBBERTS 1365RR	43.3	43.2	46.8	1.7	**39.2**	**39.6**	**39.8**	16.9	16.7	16.8
~NS		IA3027 (large seed, high protein)	38.3	32.6	33.7	1.2	39.0	39.4	39.3	18.3	18.4	18.6
		HORNBECK HBK R3927	44.8	41.5		2.4	38.3	39.0		19.1	18.6	
~NS		IA3036 (mid oleic)	36.4			1.8	38.1			18.2		
~		SEED CONSULTANT SC 388	38.5			1.6	38.0			18.1		
~		PIONEER 93B82	43.1	39.8		1.8	37.6	37.6		18.5	18.5	
~NS	*	SCHILLINGER SEED 397.TCL (low linolenic)	41.6	39.3		1.1	37.6	37.5		19.5	19.2	
	*	PROGENY P3906 RR	45.6			1.5	37.4			18.4		
NS		DAIRYLAND DST37-001-UL (low linolenic)	39.0			1.8	37.4			18.2		
	*	CROW'S C3916R	41.7	41.6		1.2	37.3	37.8		17.8	17.5	
	*	ASGROW AG3603	42.7	41.1		1.1	37.1	37.6		17.8	17.4	
	*	ARMOR 38-G2	41.7			1.5	37.1			17.5		
NS	*	ASGROW AG3121V (low linolenic)	42.8	41.3		1.7	37.0	37.0		18.5	18.2	
	*	ASGROW AG3803	46.1	43.9		1.3	36.9	36.9		18.3	18.2	
	*	BECK 399NRR	44.4	42.1		1.2	36.9	37.3		18.0	17.1	
NS	*	ASGROW AG2822V (low linolenic)	37.9	38.9		1.3	36.9	37.2		**19.7**	**19.7**	
	*	SEED CONSULTANTS SCS 9398RR	**47.7**			1.6	36.8			18.8		
NS		DAIRYLAND DST37-000-UL (low linolenic)	39.7			1.7	36.8			18.5		
~	*	EBBERTS 3386	46.0	42.1		1.7	36.7	37.3		18.5	18.0	
	*	SOUTHERN CROSS LUCAS 3.8 N, RR	45.6	42.4		1.4	36.7	37.4		17.5	17.1	
	*	DYNA-GRO 32X39	43.6			1.3	36.7			17.6		
	*	EBBERTS 1378RR	43.1	41.9		1.4	36.7	37.8		17.7	17.2	
	*	BECK 364NRR	42.4			1.4	36.7			17.6		
~NS		IA3025 (low linolenic)	32.8	28.7		1.5	36.7	36.9		19.2	18.9	
	*	PIONEER 93Y20	46.7			1.9	36.6			19.1		
~	*	PORTER HYBRIDS PH 4360N	41.6			1.5	36.6			18.0		
NS		ASGROW DKB31-22V (low linolenic)	39.7			1.1	36.5			18.7		
~NS		IA3041 (low linolenic)	35.9			1.5	36.5			18.4		
	*	SOUTHERN STATES RT 3971N	44.9	42.7		1.2	36.4	37.1		17.5	17.3	
	*	SEED CONSULTANTS SC 9386RR	39.8	38.4	44.8	2.1	36.4	37.0	37.6	18.2	18.0	18.3
	*	VIGORO V37N8RR	44.8			1.1	36.2			17.9		
	*	SEED CONSULTANTS SC 9389RR	43.9			1.3	36.2			17.9		
	*	ASGROW AG3906	41.8	40.8	47.0	1.1	36.2	36.3	36.5	18.8	18.6	**18.9**
	*	EBBERTS 1386RR	41.2	38.2	45.3	1.6	36.2	36.6	36.7	18.5	18.2	18.5
	*	SOUTHERN STATES RT 3871N	46.6	42.2		1.3	35.9	36.7		19.3	18.6	
NS	*	ASGROW AG35-21V (low linolenic)	41.9	40.2		1.2	35.9	36.0		19.1	18.7	
	*	NK BRAND S38-D5	45.6	42.2		1.4	35.8	36.3		17.7	17.1	
NS		ASGROW AG36-22V (low linolenic)	44.5			1.1	35.7			19.0		
~NS		IA3024 (low linolenic)	39.5	38.7		1.6	35.7	35.2		19.5	19.4	
	*	ARMOR ARX938	47.6			1.5	35.6			18.0		
	*	NK BRAND S37-P5	46.2	42.9		1.7	35.6	35.9		18.2	18.3	
NS	*	ASGROW AG2921V (low linolenic)	41.2	38.7		1.0	35.5	36.1		19.8	19.4	
~	*	PORTER HYBRIDS PH 4385N	43.6			1.7	35.4			18.0		
	*	VIGORO V39N9RR	41.0			1.3	35.3			18.9		
		SOUTHERN STATES RT 3860	41.7	40.4	46.4	1.1	35.0	35.8	35.9	18.9	18.4	18.7
	*	ASGROW AG3705	42.5	41.7	**48.2**	1.1	34.9	35.4	35.6	18.3	17.8	18.2
~NS		IA3026 (low saturates)	42.2			1.9	34.7			19.3		
	*	NK BRAND S39-A3	47.2	**44.3**		1.5	34.6	35.2		18.5	18.1	
		GROUP III AVERAGE	42.5	40.4	44.6	1.4	36.6	37.0	37.3	18.4	18.1	18.3
		LSD (0.10)	2.2	3.3	2.8	0.2						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 — SORTED BY 2008 % PROTEIN

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP EARLY IV (RELATIVE MG 4.0-4.5)										
~NS	*	SCHILLINGER SEED 428 F.HPC (high protein)	40.8			1.4	**41.8**			17.0		
~NS	*	SCHILLINGER SEED 448 F.HPC (high protein)	42.3			1.2	41.4			17.0		
~NS		SCHILLINGER SEED 446 F.HP (high protein)	37.7	35.4		1.2	39.5	**40.7**		16.7	15.5	
~	*	SCHILLINGER SEED 447.TC	41.0			1.3	37.9			17.8		
	*	PIONEER 94Y20	45.4			1.5	37.3			18.8		
	*	STEYER 4040RR	41.9	43.0		1.6	37.3	37.7		18.7	18.1	
	*	UNISOUTH GENETICS USG 74C36	38.7			1.7	37.3			17.4		
	*	ARMOR 42-M1	46.7			1.1	37.2			17.6		
		HORNBECK HBK R4527	41.1	36.2		1.8	37.2	38.6		18.2	17.3	
	*	SEED CONSULTANTS SCS 9409RR	41.1			1.2	37.1			17.8		
	*	ASGROW AG4404	41.3	39.1	46.0	1.3	37.0	37.0	36.9	18.5	17.7	18.0
~	*	SCHILLINGER SEED 435.TCS	38.1			1.1	37.0			18.3		
	*	CROW'S C4119R	45.5			1.2	36.9			18.3		
~		STEYER 434	40.1			1.2	36.9			18.4		
	*	CAVERNDALE CF 422 RR/STSn	46.6	43.7	**49.4**	1.1	36.8	37.4	36.9	18.9	18.4	**18.7**
	*	CAVERNDALE CF 410 RR/STSn	46.4	43.7		1.1	36.8	37.5		17.8	16.9	
	*	SOUTHERN CROSS LOT 4.1 N, RR, STS	45.2			1.2	36.7			18.4		
	*	SOUTHERN STATES RT 4451N	42.6	40.8	46.1	1.4	36.7	36.6	36.3	17.9	17.6	17.8
	*	CROW'S C4519R	39.6			1.3	36.6			18.5		
	*	ARMOR 44-K6	45.4			1.1	36.5			18.1		
	*	DYNA-GRO 35D44	45.1	42.4		1.3	36.5	37.5		19.1	18.1	
EXP	*	SEED CONSULTANTS EXP 4242RR	44.6			1.1	36.4			18.3		
	*	PROGENY P4206 RR	45.6	44.0		1.3	36.3	36.5		18.7	18.6	
	*	TRISOY 4475RR(CN)	44.4			1.3	36.3			18.2		
	*	VIGORO V44N9RS	46.2			1.2	36.2			18.4		
	*	SOUTHERN STATES RT 4470N	45.2	44.0		1.1	36.2	36.3		18.3	18.3	
	*	DELTA GROW 4150 RR	45.1	41.6	48.2	1.3	36.2	37.3	37.3	18.3	17.5	17.7
	*	SOUTHERN CROSS CALEB 4.4 N, RR, STS	44.2	41.2		1.1	36.2	36.1		18.8	18.4	
	*	PIONEER 94M50	42.4	43.1	48.8	1.2	36.2	35.9	36.4	19.2	18.4	18.5
~	*	STEYER 410	39.7			1.6	36.2			18.1		
	*	DYNA-GRO 38C42	43.4	42.5		1.1	36.1	36.7		19.1	18.5	
	*	DYNA-GRO 36C44	42.6			1.1	36.1			18.0		
	*	SEED CONSULTANTS SC 9419RR	44.9			1.1	36.0			18.5		
	*	ASGROW AG4005	43.2			1.0	36.0			18.0		
	*	SEED CONSULTANTS SC 9408RR	43.0			1.2	36.0			17.3		
	*	SEED CONSULTANTS SCS 9448RR	44.8			1.5	35.9			18.4		
	*	BECK 422NRR	42.7	41.8	48.0	1.3	35.9	36.4	36.6	19.3	18.5	**18.7**
	*	TRISOY 4184RR(CN)	46.3			1.2	35.8			18.8		
	*	PROGENY P4405 RR	41.5	38.3		1.7	35.8	37.1		18.1	17.2	
	*	VIGORO V40N8RS	40.9	40.3		1.3	35.8	36.8		19.5	**19.0**	
	*	NK BRAND S44-D5	46.3	44.2		1.4	35.7	36.4		18.3	17.7	
	*	SOUTHERN STATES RT 4370N	43.3	39.0		1.8	35.7	36.1		**19.6**	18.7	
EXP		PROGENY P4408 RR	43.0			1.1	35.7			18.5		
~	*	L&M GLICK 53	39.0			1.6	35.7			18.7		
	*	ASGROW AG4303	47.5			1.2	35.6			18.7		
	*	CAVERNDALE CF 447 RR/STSn	46.4	**44.6**		1.1	35.6	36.2		18.9	18.5	
	*	DYNA-GRO 33A40	43.2			1.4	35.6			19.4		
	*	DAIRYLAND 4500/RRSTS	42.4			1.4	35.6			19.3		
~NS		SCHILLINGER SEED 438.TL (low linolenic)	36.9			1.3	35.6			19.0		
~	*	PORTER HYBRIDS PH 4419N	46.4			1.3	35.5			17.9		
	*	NK BRAND S43-N6	45.4			1.2	35.5			17.3		
	*	TRISOY 4586RR(CN)	45.1			1.2	35.5			18.8		
	*	BECK 445NRR	44.3			1.1	35.5			18.7		
	*	L&M GLICK 843RR	41.4			1.6	35.5			19.5		
~NS		SCHILLINGER SEED XP44.TL (low linolenic)	37.3			1.2	35.4			19.5		
	*	VIGORO V42N9RS	45.3			1.2	35.3			18.4		
	*	SCHILLINGER SEED 457.RCP	42.4	38.8		1.9	35.3	36.3		18.9	18.2	
	*	SEED CONSULTANTS SC 9459RR	41.3			1.5	35.3			18.9		
	*	DELTA GROW 4460 RR	45.4	41.0	46.6	1.7	35.2	36.5	36.4	18.9	17.9	18.1
	*	SOUTHERN STATES RT 4551N	43.6	40.0	45.8	1.6	35.2	37.1	**37.6**	19.3	18.2	18.2
	*	STEYER 4430RR	44.1	42.9		1.3	35.1	35.9		18.9	18.7	
	*	SOUTHERN CROSS JERICHO 4.2 N, RR	43.5			1.1	35.1			18.4		
	*	DAIRYLAND 4300/RR	43.0			1.5	35.1			19.4		
	*	DELTA GROW 4470 RR/STS	45.0	42.0		1.4	34.9	35.7		19.2	18.7	
~	*	SOUTHERN CROSS BENJAMIN 4.3 N	**48.0**			1.2	34.6			19.1		
EXP		PROGENY P4508 RR	43.8			1.4	34.6			19.5		
	*	PIONEER 94Y01	47.2			1.6	34.5			19.4		
	*	ASGROW DKB42-51	41.5	40.3	47.1	1.3	33.7	34.2	34.7	19.3	18.3	18.3
		EARLY GROUP IV AVERAGE	43.3	41.3	47.3	1.3	36.2	36.8	36.6	18.5	18.0	18.2
		LSD (0.10)	2.5	3.5	2.6	0.1						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 — SORTED BY 2008 % PROTEIN

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP LATE IV (RELATIVE MG 4.6-4.9)										
~NS		KS4607 (high protein)	36.3	35.3		1.3	**39.4**	39.4		18.4	17.6	
	*	PIONEER 94Y60	42.0			1.2	38.7			17.6		
	*	PIONEER 94M80	39.6	37.0	43.5	1.4	38.4	**39.7**	**38.9**	17.6	17.1	17.4
~	*	SCHILLINGER SEED 477.TCS	38.6			1.3	37.9			18.0		
	*	ARMOR 48-J3	46.1	45.1		1.4	37.4	38.7		18.7	18.1	
	*	PROGENY P4918 RR	44.2			1.6	37.4			17.8		
	*	PROGENY P4718 RR	43.4			1.4	37.3			18.0		
	*	ASGROW AG4703	43.0	41.8	47.4	1.2	37.3	37.9	37.3	17.9	17.3	17.5
		DELTA GROW 4870 RR	45.0			1.5	37.2			17.7		
	*	BECK 474NRR	45.7			1.3	37.0			17.8		
~P		PENNYRILE (long term check-released 1987)	38.3	35.8		1.5	37.0	38.0		19.1	18.6	
		ASGROW AG4903	45.5	42.5	48.0	1.4	36.8	37.2	36.5	19.3	18.7	18.7
	*	SOUTHERN STATES RT 4888N	44.2			1.4	36.8			18.1		
	*	NK BRAND S45-E5	36.9			1.4	36.7			18.7		
	*	SCHILLINGER SEED 495.RC	43.7	41.9	46.6	1.9	36.6	38.2	37.7	18.3	17.6	17.7
	*	VIGORO V49N6RR	42.7	42.1	48.2	1.7	36.5	37.8	37.4	19.0	18.0	18.0
	*	ASGROW DKB46-51	46.5	42.2	47.3	1.4	36.4	37.9	37.8	19.1	18.3	18.2
	*	DELTA GROW 4970 RR	45.9	40.6	47.2	1.9	36.3	38.1	37.5	18.9	17.9	17.9
	*	PIONEER 94Y90	42.5			1.6	36.3			19.4		
	*	UNISOUTH GENETICS USG 74T98	40.0			2.2	36.2			18.3		
	*	ARMOR ARX4717	41.2			1.2	36.1			19.0		
	*	SOUTHERN STATES RT 4996N	41.6	40.0	46.0	1.6	36.0	37.5	37.1	19.7	18.4	18.6
	*	CROW'S C4820R	45.0			1.3	35.9			19.5		
	*	HORNBECK HBK R4924	44.1	43.6	48.3	1.6	35.9	37.2	36.4	19.1	18.0	18.2
		DAIRYLAND 8482/RR	44.4	42.0		1.5	35.8	37.2		18.9	18.3	
		DELTA GROW 4975 LARR	43.2	40.7		1.4	35.8	37.2		18.8	17.7	
	*	VIGORO V47N9RS	45.3			1.3	35.7			19.6		
	*	ASGROW AG4705	43.8			2.0	35.7			20.3		
	*	UNISOUTH GENETICS USG 7484nRR	39.1			1.7	35.7			17.9		
	*	SOUTHERN CROSS RUFUS 4.7 N, RR, STS	44.6			1.2	35.6			19.7		
	*	SOUTHERN STATES RT 4808N	44.4	43.9	**49.2**	1.6	35.6	37.0	36.0	19.0	17.6	17.8
	*	STEYER 4620RR	43.2			1.2	35.6			19.7		
	*	SOUTHERN CROSS HIRAM 4.9 N, RR	39.2	38.6		1.4	35.6	36.1		18.9	17.7	
	*	SOUTHERN STATES RT 4760N	43.6	40.8	46.6	1.7	35.5	37.5	37.6	19.2	18.0	18.0
	*	PROGENY P4706 RR	41.7	40.5		1.6	35.4	36.9		19.1	18.2	
		PROGENY P4949 RR	40.7	40.4		1.5	35.4	37.6		19.9	18.1	
EXP	*	DAIRYLAND 47-001/RR	38.1	35.7		1.5	35.4	36.1		18.7	18.4	
	*	ASGROW AG4907	43.9			1.6	35.3			18.7		
	*	DELTA GROW 4770 RR	42.2	41.5		1.6	35.3	37.4		19.0	18.1	
	*	DELTA GROW 4840 RR	41.1	39.7	44.6	1.7	35.3	36.8	36.7	18.1	16.8	17.4
	*	SOUTHERN CROSS GALILEE 4.7 N, RR	39.9	39.4		1.3	35.3	36.2		19.2	18.9	
	*	PROGENY P4908 RR	46.3			1.5	35.2			18.8		
		PROGENY P4906 RR	43.1	39.4		1.4	35.2	36.9		18.6	17.9	
	*	UNISOUTH GENETICS USG 74A76	45.4	42.7	48.0	1.6	35.1	37.2	36.6	19.3	18.0	18.2
	*	SEED CONSULTANTS SCS 9479RR	45.0			1.4	35.1			19.2		
	*	SCHILLINGER SEED 478.RCS	36.2			1.5	35.1			18.6		
	*	HORNBECK HBK R4727	43.3	40.7		1.4	35.0	35.8		19.0	18.2	
	*	DELTA GROW 4780 RR	41.5	38.8		1.4	35.0	35.8		19.5	18.9	
	*	SOUTHERN STATES RT 4777N	41.4	42.6	47.9	1.4	35.0	36.3	36.5	19.1	18.4	18.5
	*	PIONEER 94Y70	**46.6**			1.7	34.9			19.5		
	*	NK BRAND S49-Q9	44.0	38.9	46.0	1.8	34.8	36.9	36.6	18.9	17.1	17.3
	*	VIGORO V47N8RR	41.7			1.3	34.8			19.3		
	*	ASGROW AG4606	46.5			1.4	34.7			21.0		
EXP	*	NK BRAND XR4881	44.8			1.2	34.7			18.6		
	*	PROGENY P4807 RR	41.9	38.7		1.5	34.7	35.9		19.2	18.3	
	*	CAVERNDALE CF 470 RR/STSn	43.2	42.4		1.1	34.5	35.5		19.7	19.1	
	*	ASGROW AG4605	42.7	39.1		1.3	34.5	36.1		19.0	18.6	
	*	NK BRAND S47-D9	43.8	**45.3**		1.1	34.1	35.8		19.6	18.7	
	*	ARMOR 47-F8	43.5	42.5		1.1	34.0	35.7		19.3	18.7	
	*	VIGORO V48N7RS	43.4	42.0		1.1	34.0	34.8		19.5	19.0	
	*	SOUTHERN CROSS ELI 4.7 N, RR, STS	41.8	41.7	49.0	1.2	34.0	35.0	34.7	19.8	19.7	**19.7**
	*	UNISOUTH GENETICS USG 74G78	45.0			1.1	33.9			19.6		
	*	PROGENY P4606 RR	44.4	43.3		1.2	33.7	35.7		19.6	18.5	
	*	STINE 4782-4	43.3	42.0	49.1	1.2	33.5	35.7	35.2	19.9	19.5	19.4
	*	SEED CONSULTANTS SC 9468RR	43.1	41.2		1.2	33.1	34.5		20.1	19.5	
	*	TRISOY 4760RR(CN)	41.2	39.0		1.2	32.5	34.1		**21.5**	**20.3**	
		LATE GROUP IV AVERAGE	42.8	40.8	47.2	1.4	35.6	36.8	36.9	19.0	18.3	18.1
		LSD (0.10)	2.2	3.8	2.5	0.1						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 — SORTED BY 2008 % PROTEIN

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP V										
	*	DELTA KING DK52K6	35.7	36.5	43.6	2.4	**39.1**	39.7	**39.0**	17.3	17.0	17.2
	*	SOUTHERN STATES RT 5540N	36.6	35.2	41.6	2.4	38.8	39.4	38.5	18.1	17.5	17.7
~P		V98-2711	39.8			2.3	38.3			18.0		
~P		ESSEX (long term check-released 1974)	37.5	35.2		2.0	38.3	**39.9**		18.0	17.4	
~P		JAKE	37.8	36.9	43.3	1.6	38.2	38.0	37.2	17.0	17.2	17.4
	*	PROGENY P5108 RR	38.2			1.5	37.8			18.2		
	*	DAIRYLAND 8512/RR	36.9			1.6	37.7			18.5		
	*	DELTA GROW 5450 RR	36.1			1.8	37.6			17.4		
	*	DELTA GROW 5470 RR	35.9	34.6		1.6	37.6	38.6		17.4	17.1	
	*	PROGENY P5408 RR	40.6			2.0	37.5			17.8		
	*	UNISOUTH GENETICS USG 75J47	38.5	37.5		1.9	37.5	37.8		18.0	17.7	
	*	SOUTHERN STATES RT 5160N	36.9	36.3	42.7	2.0	37.4	38.0	37.1	17.4	17.2	17.5
~		UNISOUTH GENETICS USG 5601T	42.7	**41.0**	**47.8**	2.1	37.3	38.5	38.3	18.4	17.6	17.3
	*	SCHILLINGER SEED 557.RC	39.8			1.9	37.3			17.7		
	*	DELTA GROW 5300 RR	38.8	36.1		2.3	37.3	38.4		17.5	16.6	
	*	ARMOR 53-Z5	40.7			1.8	37.2			18.0		
		UNISOUTH GENETICS USG ALLEN	36.6	35.0	42.9	2.0	37.2	38.2	37.6	17.9	17.5	17.2
	*	PROGENY P5308 RR	37.7			1.7	37.1			18.4		
	*	UNISOUTH GENETICS USG 75J32	37.1	34.9	42.4	1.9	37.1	38.6	37.9	18.3	17.1	17.3
~		PROGENY P5770	36.0			2.7	37.1			18.6		
	*	PROGENY P5218 RR	38.4			2.7	36.8			18.4		
	*	PROGENY P5208 RR	38.9			1.5	36.7			18.7		
EXP-NS		V01-1693 (3.5% linolenic)	37.3			1.9	36.7			18.7		
	*	DAIRYLAND 8509/RR	42.3	38.0		1.8	36.6	37.8		19.3	18.2	
EXP-NS		V01-1702 (3.5% linolenic)	37.8			1.8	36.6			19.4		
	*	PROGENY P5107 RR	37.5	32.1		2.1	36.5	38.5		18.4	17.3	
~		HORNBECK HBK C4926	33.8			1.6	36.5			18.7		
	*	STINE 5482-4	40.4	37.7		1.6	36.3	37.2		18.5	18.1	
	*	DELTA GROW 5160 RR/STS	39.4	37.0	45.0	1.7	36.3	38.5	38.2	**20.1**	**18.8**	**18.6**
	*	SOUTHERN CROSS DAMASCUS 5.0 N, RR, STS	38.8	35.2	43.0	1.7	36.3	38.4	38.0	19.7	18.7	**18.6**
~		UNISOUTH GENETICS USG 5002T	44.5	40.4	47.1	2.2	36.1	37.5	37.0	18.7	18.1	18.1
	*	PIONEER 95Y20	37.0			1.8	36.1			18.4		
~P	*	KS5004N	**45.8**			2.1	35.8			19.0		
~P		TEEJAY	43.1	40.3	46.0	1.8	35.8	37.7	37.0	18.4	17.5	17.6
	*	PROGENY P5115 RR	38.6	34.9		1.6	35.2	36.0		19.6	18.8	
	*	DELTA GROW 5170 RR	41.8			1.1	35.1			19.1		
		GROUP V AVERAGE	38.8	36.6	44.1	1.9	37.0	38.2	37.8	18.4	17.6	17.7
		LSD (0.10)	1.8	3.5	2.7	0.2						
		GRAND MEAN	42.2	40.1	46.1	1.5	36.3	37.1	37.1	18.6	18.1	18.1

~ Variety is not Roundup Ready. All varieties without a tilda (~) prefix are Roundup Ready.

* Resistant to soybean cyst nematode. See Table 3. Company Disease Resistance Specifications for details.

P Entries with a P prefix are public varieties.

NS Entries with a NS prefix are novel soybean varieties that are emerging from both the public and private sectors. Some of these value-added soybean types will supply relatively small market niches, while others may be of much broader market value. Testing novel soybeans will enable producers to assess whether premiums for a given trait offset possible yield lag/drag.

EXP Entries with an EXP prefix are varieties that are still under development or soon to be released.

A Within a maturity group, shaded yields are not significantly different (0.10 level) from the highest yielding cultivar (bold data) of that maturity group and year column.

B Variety protein and oil concentration was determined at the Hancock Co. location (all test locations for NS entries) and expressed on the basis of 13% moisture. The 2008 data were provided by the University of Kentucky using near-infrared (NIR) analysis. The 2007 and 2006 data were provided by the Iowa State University Grain Quality Analysis Services using near-infrared (NIR) analysis.

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 — SORTED BY 07-08 % PROTEIN

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A]			LODGING	% PROTEIN[B]			% OIL[B]		
			2008	07-08	06-08	2008	2008	07-08	06-08	2008	07-08	06-08
sort	sort							sort				
		MATURITY GROUP II-III (RELATIVE MG 2.7-3.9)										
	*	EBBERTS 1365RR	43.3	43.2	46.8	1.7	**39.2**	**39.6**	**39.8**	16.9	16.7	16.8
~NS		IA3027 (large seed, high protein)	38.3	32.6	33.7	1.2	39.0	39.4	39.3	18.3	18.4	18.6
		HORNBECK HBK R3927	44.8	41.5		2.4	38.3	39.0		19.1	18.6	
	*	CROW'S C3916R	41.7	41.6		1.2	37.3	37.8		17.8	17.5	
	*	EBBERTS 1378RR	43.1	41.9		1.4	36.7	37.8		17.7	17.2	
~		PIONEER 93B82	43.1	39.8		1.8	37.6	37.6		18.5	18.5	
	*	ASGROW AG3603	42.7	41.1		1.1	37.1	37.6		17.8	17.4	
~NS	*	SCHILLINGER SEED 397.TCL (low linolenic)	41.6	39.3		1.1	37.6	37.5		19.5	19.2	
	*	SOUTHERN CROSS LUCAS 3.8 N, RR	45.6	42.4		1.4	36.7	37.4		17.5	17.1	
	*	BECK 399NRR	44.4	42.1		1.2	36.9	37.3		18.0	17.1	
~	*	EBBERTS 3386	46.0	42.1		1.7	36.7	37.3		18.5	18.0	
NS	*	ASGROW AG2822V (low linolenic)	37.9	38.9		1.3	36.9	37.2		**19.7**	**19.7**	
	*	SOUTHERN STATES RT 3971N	44.9	42.7		1.2	36.4	37.1		17.5	17.3	
NS	*	ASGROW AG3121V (low linolenic)	42.8	41.3		1.7	37.0	37.0		18.5	18.2	
	*	SEED CONSULTANTS SC 9386RR	39.8	38.4	44.8	2.1	36.4	37.0	37.6	18.2	18.0	18.3
	*	ASGROW AG3803	46.1	43.9		1.3	36.9	36.9		18.3	18.2	
~NS		IA3025 (low linolenic)	32.8	28.7		1.5	36.7	36.9		19.2	18.9	
	*	SOUTHERN STATES RT 3871N	46.6	42.2		1.3	35.9	36.7		19.3	18.6	
	*	EBBERTS 1386RR	41.2	38.2	45.3	1.6	36.2	36.6	36.7	18.5	18.2	18.5
	*	ASGROW AG3906	41.8	40.8	47.0	1.1	36.2	36.3	36.5	18.8	18.6	**18.9**
	*	NK BRAND S38-D5	45.6	42.2		1.4	35.8	36.3		17.7	17.1	
NS	*	ASGROW AG2921V (low linolenic)	41.2	38.7		1.0	35.5	36.1		19.8	19.4	
NS	*	ASGROW AG35-21V (low linolenic)	41.9	40.2		1.2	35.9	36.0		19.1	18.7	
	*	NK BRAND S37-P5	46.2	42.9		1.7	35.6	35.9		18.2	18.3	
		SOUTHERN STATES RT 3860	41.7	40.4	46.4	1.1	35.0	35.8	35.9	18.9	18.4	18.7
	*	ASGROW AG3705	42.5	41.7	**48.2**	1.1	34.9	35.4	35.6	18.3	17.8	18.2
~NS		IA3024 (low linolenic)	39.5	38.7		1.6	35.7	35.2		19.5	19.4	
	*	NK BRAND S39-A3	47.2	**44.3**		1.5	34.6	35.2		18.5	18.1	
	*	SEED CONSULTANTS SCS 9398RR	**47.7**			1.6	36.8			18.8		
	*	ARMOR ARX938	47.6			1.5	35.6			18.0		
	*	PIONEER 93Y20	46.7			1.9	36.6			19.1		
	*	PROGENY P3906 RR	45.6			1.5	37.4			18.4		
	*	VIGORO V37N8RR	44.8			1.1	36.2			17.9		
NS		ASGROW AG36-22V (low linolenic)	44.5			1.1	35.7			19.0		
	*	SEED CONSULTANTS SC 9389RR	43.9			1.3	36.2			17.9		
	*	DYNA-GRO 32X39	43.6			1.3	36.7			17.6		
~	*	PORTER HYBRIDS PH 4385N	43.6			1.7	35.4			18.0		
	*	BECK 364NRR	42.4			1.4	36.7			17.6		
~NS		IA3026 (low saturates)	42.2			1.9	34.7			19.3		
	*	ARMOR 38-G2	41.7			1.5	37.1			17.5		
~	*	PORTER HYBRIDS PH 4360N	41.6			1.5	36.6			18.0		
	*	VIGORO V39N9RR	41.0			1.3	35.3			18.9		
NS		ASGROW DKB31-22V (low linolenic)	39.7			1.1	36.5			18.7		
NS		DAIRYLAND DST37-000-UL (low linolenic)	39.7			1.7	36.8			18.5		
NS		DAIRYLAND DST37-001-UL (low linolenic)	39.0			1.8	37.4			18.2		
~		SEED CONSULTANT SC 388	38.5			1.6	38.0			18.1		
~NS		IA3036 (mid oleic)	36.4			1.8	38.1			18.2		
~NS		IA3041 (low linolenic)	35.9			1.5	36.5			18.4		
		GROUP III AVERAGE	42.5	40.4	44.6	1.4	36.6	37.0	37.3	18.4	18.1	18.3
		LSD (0.10)	2.2	3.3	2.8	0.2						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 — SORTED BY 07-08 % PROTEIN

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP EARLY IV (RELATIVE MG 4.0-4.5)										
~NS		SCHILLINGER SEED 446 F.HP (high protein)	37.7	35.4		1.2	39.5	**40.7**		16.7	15.5	
		HORNBECK HBK R4527	41.1	36.2		1.8	37.2	38.6		18.2	17.3	
	*	STEYER 4040RR	41.9	43.0		1.6	37.3	37.7		18.7	18.1	
	*	CAVERNDALE CF 410 RR/STSn	46.4	43.7		1.1	36.8	37.5		17.8	16.9	
	*	DYNA-GRO 35D44	45.1	42.4		1.3	36.5	37.5		19.1	18.1	
	*	CAVERNDALE CF 422 RR/STSn	46.6	43.7	**49.4**	1.1	36.8	37.4	36.9	18.9	18.4	**18.7**
	*	DELTA GROW 4150 RR	45.1	41.6	48.2	1.3	36.2	37.3	37.3	18.3	17.5	17.7
	*	SOUTHERN STATES RT 4551N	43.6	40.0	45.8	1.6	35.2	37.1	**37.6**	19.3	18.2	18.2
	*	PROGENY P4405 RR	41.5	38.3		1.7	35.8	37.1		18.1	17.2	
	*	ASGROW AG4404	41.3	39.1	46.0	1.3	37.0	37.0	36.9	18.5	17.7	18.0
	*	VIGORO V40N8RS	40.9	40.3		1.3	35.8	36.8		19.5	**19.0**	
	*	DYNA-GRO 38C42	43.4	42.5		1.1	36.1	36.7		19.1	18.5	
	*	SOUTHERN STATES RT 4451N	42.6	40.8	46.1	1.4	36.7	36.6	36.3	17.9	17.6	17.8
	*	PROGENY P4206 RR	45.6	44.0		1.3	36.3	36.5		18.7	18.6	
	*	DELTA GROW 4460 RR	45.4	41.0	46.6	1.7	35.2	36.5	36.4	18.9	17.9	18.1
	*	BECK 422NRR	42.7	41.8	48.0	1.3	35.9	36.4	36.6	19.3	18.5	**18.7**
	*	NK BRAND S44-D5	46.3	44.2		1.4	35.7	36.4		18.3	17.7	
	*	SOUTHERN STATES RT 4470N	45.2	44.0		1.1	36.2	36.3		18.3	18.3	
	*	SCHILLINGER SEED 457.RCP	42.4	38.8		1.9	35.3	36.3		18.9	18.2	
	*	CAVERNDALE CF 447 RR/STSn	46.4	**44.6**		1.1	35.6	36.2		18.9	18.5	
	*	SOUTHERN STATES RT 4370N	43.3	39.0		1.8	35.7	36.1		**19.6**	18.7	
	*	SOUTHERN CROSS CALEB 4.4 N, RR, STS	44.2	41.2		1.1	36.2	36.1		18.8	18.4	
	*	STEYER 4430RR	44.1	42.9		1.3	35.1	35.9		18.9	18.7	
	*	PIONEER 94M50	42.4	43.1	48.8	1.2	36.2	35.9	36.4	19.2	18.4	18.5
	*	DELTA GROW 4470 RR/STS	45.0	42.0		1.4	34.9	35.7		19.2	18.7	
	*	ASGROW DKB42-51	41.5	40.3	47.1	1.3	33.7	34.2	34.7	19.3	18.3	18.3
~	*	SOUTHERN CROSS BENJAMIN 4.3 N	**48.0**			1.2	34.6			19.1		
	*	ASGROW AG4303	47.5			1.2	35.6			18.7		
	*	PIONEER 94Y01	47.2			1.6	34.5			19.4		
	*	ARMOR 42-M1	46.7			1.1	37.2			17.6		
~	*	PORTER HYBRIDS PH 4419N	46.4			1.3	35.5			17.9		
	*	TRISOY 4184RR(CN)	46.3			1.2	35.8			18.8		
	*	VIGORO V44N9RS	46.2			1.2	36.2			18.4		
	*	CROW'S C4119R	45.5			1.2	36.9			18.3		
	*	PIONEER 94Y20	45.4			1.5	37.3			18.8		
	*	ARMOR 44-K6	45.4			1.1	36.5			18.1		
	*	NK BRAND S43-N6	45.4			1.2	35.5			17.3		
	*	VIGORO V42N9RS	45.3			1.2	35.3			18.4		
	*	SOUTHERN CROSS LOT 4.1 N, RR, STS	45.2			1.2	36.7			18.4		
	*	TRISOY 4586RR(CN)	45.1			1.2	35.5			18.8		
	*	SEED CONSULTANTS SC 9419RR	44.9			1.1	36.0			18.5		
	*	SEED CONSULTANTS SCS 9448RR	44.8			1.5	35.9			18.4		
EXP	*	SEED CONSULTANTS EXP 4242RR	44.6			1.1	36.4			18.3		
	*	TRISOY 4475RR(CN)	44.4			1.3	36.3			18.2		
	*	BECK 445NRR	44.3			1.1	35.5			18.7		
EXP		PROGENY P4508 RR	43.8			1.4	34.6			19.5		
	*	SOUTHERN CROSS JERICHO 4.2 N, RR	43.5			1.1	35.1			18.4		
	*	DYNA-GRO 33A40	43.2			1.4	35.6			19.4		
	*	ASGROW AG4005	43.2			1.0	36.0			18.0		
	*	DAIRYLAND 4300/RR	43.0			1.5	35.1			19.4		
EXP		PROGENY P4408 RR	43.0			1.1	35.7			18.5		
	*	SEED CONSULTANTS SC 9408RR	43.0			1.2	36.0			17.3		
	*	DYNA-GRO 36C44	42.6			1.1	36.1			18.0		
	*	DAIRYLAND 4500/RRSTS	42.4			1.4	35.6			19.3		
~NS	*	SCHILLINGER SEED 448 F.HPC (high protein)	42.3			1.2	41.4			17.0		
	*	L&M GLICK 843RR	41.4			1.6	35.5			19.5		
	*	SEED CONSULTANTS SC 9459RR	41.3			1.5	35.3			18.9		
	*	SEED CONSULTANTS SCS 9409RR	41.1			1.2	37.1			17.8		
~	*	SCHILLINGER SEED 447.TC	41.0			1.3	37.9			17.8		
~NS	*	SCHILLINGER SEED 428 F.HPC (high protein)	40.8			1.4	**41.8**			17.0		
~		STEYER 434	40.1			1.2	36.9			18.4		
~	*	STEYER 410	39.7			1.6	36.2			18.1		
	*	CROW'S C4519R	39.6			1.3	36.6			18.5		
~	*	L&M GLICK 53	39.0			1.6	35.7			18.7		
	*	UNISOUTH GENETICS USG 74C36	38.7			1.7	37.3			17.4		
~	*	SCHILLINGER SEED 435.TCS	38.1			1.1	37.0			18.3		
~NS		SCHILLINGER SEED XP44.TL (low linolenic)	37.3			1.2	35.4			19.5		
~NS		SCHILLINGER SEED 438.TL (low linolenic)	36.9			1.3	35.6			19.0		
		EARLY GROUP IV AVERAGE	43.3	41.3	47.3	1.3	36.2	36.8	36.6	18.5	18.0	18.2
		LSD (0.10)	2.5	3.5	2.6	0.1						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 — SORTED BY 07-08 % PROTEIN

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP LATE IV (RELATIVE MG 4.6-4.9)										
	*	PIONEER 94M80	39.6	37.0	43.5	1.4	38.4	**39.7**	**38.9**	17.6	17.1	17.4
~NS		KS4607 (high protein)	36.3	35.3		1.3	**39.4**	39.4		18.4	17.6	
	*	ARMOR 48-J3	46.1	45.1		1.4	37.4	38.7		18.7	18.1	
	*	SCHILLINGER SEED 495.RC	43.7	41.9	46.6	1.9	36.6	38.2	37.7	18.3	17.6	17.7
	*	DELTA GROW 4970 RR	45.9	40.6	47.2	1.9	36.3	38.1	37.5	18.9	17.9	17.9
~P		PENNYRILE (long term check-released 1987)	38.3	35.8		1.5	37.0	38.0		19.1	18.6	
	*	ASGROW DKB46-51	46.5	42.2	47.3	1.4	36.4	37.9	37.8	19.1	18.3	18.2
	*	ASGROW AG4703	43.0	41.8	47.4	1.2	37.3	37.9	37.3	17.9	17.3	17.5
	*	VIGORO V49N6RR	42.7	42.1	48.2	1.7	36.5	37.8	37.4	19.0	18.0	18.0
		PROGENY P4949 RR	40.7	40.4		1.5	35.4	37.6		19.9	18.1	
	*	SOUTHERN STATES RT 4760N	43.6	40.8	46.6	1.7	35.5	37.5	37.6	19.2	18.0	18.0
	*	SOUTHERN STATES RT 4996N	41.6	40.0	46.0	1.6	36.0	37.5	37.1	19.7	18.4	18.6
	*	DELTA GROW 4770 RR	42.2	41.5		1.6	35.3	37.4		19.0	18.1	
		DAIRYLAND 8482/RR	44.4	42.0		1.5	35.8	37.2		18.9	18.3	
	*	HORNBECK HBK R4924	44.1	43.6	48.3	1.6	35.9	37.2	36.4	19.1	18.0	18.2
		DELTA GROW 4975 LARR	43.2	40.7		1.4	35.8	37.2		18.8	17.7	
		ASGROW AG4903	45.5	42.5	48.0	1.4	36.8	37.2	36.5	19.3	18.7	18.7
	*	UNISOUTH GENETICS USG 74A76	45.4	42.7	48.0	1.6	35.1	37.2	36.6	19.3	18.0	18.2
	*	SOUTHERN STATES RT 4808N	44.4	43.9	**49.2**	1.6	35.6	37.0	36.0	19.0	17.6	17.8
		PROGENY P4906 RR	43.1	39.4		1.4	35.2	36.9		18.6	17.9	
	*	PROGENY P4706 RR	41.7	40.5		1.6	35.4	36.9		19.1	18.2	
	*	NK BRAND S49-Q9	44.0	38.9	46.0	1.8	34.8	36.9	36.6	18.9	17.1	17.3
	*	DELTA GROW 4840 RR	41.1	39.7	44.6	1.7	35.3	36.8	36.7	18.1	16.8	17.4
	*	SOUTHERN STATES RT 4777N	41.4	42.6	47.9	1.4	35.0	36.3	36.5	19.1	18.4	18.5
	*	SOUTHERN CROSS GALILEE 4.7 N, RR	39.9	39.4		1.3	35.3	36.2		19.2	18.9	
	*	ASGROW AG4605	42.7	39.1		1.3	34.5	36.1		19.0	18.6	
	*	SOUTHERN CROSS HIRAM 4.9 N, RR	39.2	38.6		1.4	35.6	36.1		18.9	17.7	
EXP	*	DAIRYLAND 47-001/RR	38.1	35.7		1.5	35.4	36.1		18.7	18.4	
	*	PROGENY P4807 RR	41.9	38.7		1.5	34.7	35.9		19.2	18.3	
	*	NK BRAND S47-D9	43.8	**45.3**		1.1	34.1	35.8		19.6	18.7	
	*	HORNBECK HBK R4727	43.3	40.7		1.4	35.0	35.8		19.0	18.2	
	*	DELTA GROW 4780 RR	41.5	38.8		1.4	35.0	35.8		19.5	18.9	
	*	STINE 4782-4	43.3	42.0	49.1	1.2	33.5	35.7	35.2	19.9	19.5	19.4
	*	PROGENY P4606 RR	44.4	43.3		1.2	33.7	35.7		19.6	18.5	
	*	ARMOR 47-F8	43.5	42.5		1.1	34.0	35.7		19.3	18.7	
	*	CAVERNDALE CF 470 RR/STSn	43.2	42.4		1.1	34.5	35.5		19.7	19.1	
	*	SOUTHERN CROSS ELI 4.7 N, RR, STS	41.8	41.7	49.0	1.2	34.0	35.0	34.7	19.8	19.7	**19.7**
	*	VIGORO V48N7RS	43.4	42.0		1.1	34.0	34.8		19.5	19.0	
	*	SEED CONSULTANTS SC 9468RR	43.1	41.2		1.2	33.1	34.5		20.1	19.5	
	*	TRISOY 4760RR(CN)	41.2	39.0		1.2	32.5	34.1		**21.5**	**20.3**	
	*	PIONEER 94Y70	**46.6**			1.7	34.9			19.5		
	*	ASGROW AG4606	46.5			1.4	34.7			21.0		
	*	PROGENY P4908 RR	46.3			1.5	35.2			18.8		
	*	BECK 474NRR	45.7			1.3	37.0			17.8		
	*	VIGORO V47N9RS	45.3			1.3	35.7			19.6		
	*	CROW'S C4820R	45.0			1.3	35.9			19.5		
		DELTA GROW 4870 RR	45.0			1.5	37.2			17.7		
	*	SEED CONSULTANTS SCS 9479RR	45.0			1.4	35.1			19.2		
	*	UNISOUTH GENETICS USG 74G78	45.0			1.1	33.9			19.6		
EXP	*	NK BRAND XR4881	44.8			1.2	34.7			18.6		
	*	SOUTHERN CROSS RUFUS 4.7 N, RR, STS	44.6			1.2	35.6			19.7		
	*	SOUTHERN STATES RT 4888N	44.2			1.4	36.8			18.1		
	*	PROGENY P4918 RR	44.2			1.6	37.4			17.8		
	*	ASGROW AG4907	43.9			1.6	35.3			18.7		
	*	ASGROW AG4705	43.8			2.0	35.7			20.3		
	*	PROGENY P4718 RR	43.4			1.4	37.3			18.0		
	*	STEYER 4620RR	43.2			1.2	35.6			19.7		
	*	PIONEER 94Y90	42.5			1.6	36.3			19.4		
	*	PIONEER 94Y60	42.0			1.2	38.7			17.6		
	*	VIGORO V47N8RR	41.7			1.3	34.8			19.3		
	*	ARMOR ARX4717	41.2			1.2	36.1			19.0		
	*	UNISOUTH GENETICS USG 74T98	40.0			2.2	36.2			18.3		
	*	UNISOUTH GENETICS USG 7484nRR	39.1			1.7	35.7			17.9		
~	*	SCHILLINGER SEED 477.TCS	38.6			1.3	37.9			18.0		
	*	NK BRAND S45-E5	36.9			1.4	36.7			18.7		
	*	SCHILLINGER SEED 478.RCS	36.2			1.5	35.1			18.6		
		LATE GROUP IV AVERAGE	42.8	40.8	47.2	1.4	35.6	36.8	36.9	19.0	18.3	18.1
		LSD (0.10)	2.2	3.8	2.5	0.1						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 — SORTED BY 07-08 % PROTEIN

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP V										
~P		ESSEX (long term check-released 1974)	37.5	35.2		2.0	38.3	**39.9**		18.0	17.4	
	*	DELTA KING DK52K6	35.7	36.5	43.6	2.4	**39.1**	39.7	**39.0**	17.3	17.0	17.2
	*	SOUTHERN STATES RT 5540N	36.6	35.2	41.6	2.4	38.8	39.4	38.5	18.1	17.5	17.7
	*	DELTA GROW 5470 RR	35.9	34.6		1.6	37.6	38.6		17.4	17.1	
	*	UNISOUTH GENETICS USG 75J32	37.1	34.9	42.4	1.9	37.1	38.6	37.9	18.3	17.1	17.3
	*	DELTA GROW 5160 RR/STS	39.4	37.0	45.0	1.7	36.3	38.5	38.2	**20.1**	**18.8**	**18.6**
~		UNISOUTH GENETICS USG 5601T	42.7	**41.0**	**47.8**	2.1	37.3	38.5	38.3	18.4	17.6	17.3
	*	PROGENY P5107 RR	37.5	32.1		2.1	36.5	38.5		18.4	17.3	
	*	SOUTHERN CROSS DAMASCUS 5.0 N, RR, STS	38.8	35.2	43.0	1.7	36.3	38.4	38.0	19.7	18.7	**18.6**
	*	DELTA GROW 5300 RR	38.8	36.1		2.3	37.3	38.4		17.5	16.6	
		UNISOUTH GENETICS USG ALLEN	36.6	35.0	42.9	2.0	37.2	38.2	37.6	17.9	17.5	17.2
~P		JAKE	37.8	36.9	43.3	1.6	38.2	38.0	37.2	17.0	17.2	17.4
	*	SOUTHERN STATES RT 5160N	36.9	36.3	42.7	2.0	37.4	38.0	37.1	17.4	17.2	17.5
	*	DAIRYLAND 8509/RR	42.3	38.0		1.8	36.6	37.8		19.3	18.2	
	*	UNISOUTH GENETICS USG 75J47	38.5	37.5		1.9	37.5	37.8		18.0	17.7	
~P		TEEJAY	43.1	40.3	46.0	1.8	35.8	37.7	37.0	18.4	17.5	17.6
~		UNISOUTH GENETICS USG 5002T	44.5	40.4	47.1	2.2	36.1	37.5	37.0	18.7	18.1	18.1
	*	STINE 5482-4	40.4	37.7		1.6	36.3	37.2		18.5	18.1	
	*	PROGENY P5115 RR	38.6	34.9		1.6	35.2	36.0		19.6	18.8	
~P	*	KS5004N	**45.8**			2.1	35.8			19.0		
	*	DELTA GROW 5170 RR	41.8			1.1	35.1			19.1		
	*	ARMOR 53-Z5	40.7			1.8	37.2			18.0		
	*	PROGENY P5408 RR	40.6			2.0	37.5			17.8		
~P		V98-2711	39.8			2.3	38.3			18.0		
	*	SCHILLINGER SEED 557.RC	39.8			1.9	37.3			17.7		
	*	PROGENY P5208 RR	38.9			1.5	36.7			18.7		
	*	PROGENY P5218 RR	38.4			2.7	36.8			18.4		
	*	PROGENY P5108 RR	38.2			1.5	37.8			18.2		
EXP-NS		V01-1702 (3.5% linolenic)	37.8			1.8	36.6			19.4		
	*	PROGENY P5308 RR	37.7			1.7	37.1			18.4		
EXP-NS		V01-1693 (3.5% linolenic)	37.3			1.9	36.7			18.7		
	*	PIONEER 95Y20	37.0			1.8	36.1			18.4		
	*	DAIRYLAND 8512/RR	36.9			1.6	37.7			18.5		
	*	DELTA GROW 5450 RR	36.1			1.8	37.6			17.4		
~		PROGENY P5770	36.0			2.7	37.1			18.6		
~		HORNBECK HBK C4926	33.8			1.6	36.5			18.7		
		GROUP V AVERAGE	38.8	36.6	44.1	1.9	37.0	38.2	37.8	18.4	17.6	17.7
		LSD (0.10)	1.8	3.5	2.7	0.2						
		GRAND MEAN	42.2	40.1	46.1	1.5	36.3	37.1	37.1	18.6	18.1	18.1

~ Variety is not Roundup Ready. All varieties without a tilda (~) prefix are Roundup Ready.

* Resistant to soybean cyst nematode. See Table 3. Company Disease Resistance Specifications for details.

P Entries with a P prefix are public varieties.

NS Entries with a NS prefix are novel soybean varieties that are emerging from both the public and private sectors. Some of these value-added soybean types will supply relatively small market niches, while others may be of much broader market value. Testing novel soybeans will enable producers to assess whether premiums for a given trait offset possible yield lag/drag.

EXP Entries with an EXP prefix are varieties that are still under development or soon to be released.

A Within a maturity group, shaded yields are not significantly different (0.10 level) from the highest yielding cultivar (bold data) of that maturity group and year column.

B Variety protein and oil concentration was determined at the Hancock Co. location (all test locations for NS entries) and expressed on the basis of 13% moisture. The 2008 data were provided by the University of Kentucky using near-infrared (NIR) analysis. The 2007 and 2006 data were provided by the Iowa State University Grain Quality Analysis Services using near-infrared (NIR) analysis.

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 — SORTED BY 06-08 % PROTEIN

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08 sort	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP II-III (RELATIVE MG 2.7-3.9)										
	*	EBBERTS 1365RR	43.3	43.2	46.8	1.7	**39.2**	**39.6**	**39.8**	16.9	16.7	16.8
~NS		IA3027 (large seed, high protein)	38.3	32.6	33.7	1.2	39.0	39.4	39.3	18.3	18.4	18.6
	*	SEED CONSULTANTS SC 9386RR	39.8	38.4	44.8	2.1	36.4	37.0	37.6	18.2	18.0	18.3
	*	EBBERTS 1386RR	41.2	38.2	45.3	1.6	36.2	36.6	36.7	18.5	18.2	18.5
	*	ASGROW AG3906	41.8	40.8	47.0	1.1	36.2	36.3	36.5	18.8	18.6	**18.9**
		SOUTHERN STATES RT 3860	41.7	40.4	46.4	1.1	35.0	35.8	35.9	18.9	18.4	18.7
	*	ASGROW AG3705	42.5	41.7	**48.2**	1.1	34.9	35.4	35.6	18.3	17.8	18.2
	*	SEED CONSULTANTS SCS 9398RR	**47.7**			1.6	36.8			18.8		
	*	ARMOR ARX938	47.6			1.5	35.6			18.0		
	*	NK BRAND S39-A3	47.2	**44.3**		1.5	34.6	35.2		18.5	18.1	
	*	PIONEER 93Y20	46.7			1.9	36.6			19.1		
	*	SOUTHERN STATES RT 3871N	46.6	42.2		1.3	35.9	36.7		19.3	18.6	
	*	NK BRAND S37-P5	46.2	42.9		1.7	35.6	35.9		18.2	18.3	
	*	ASGROW AG3803	46.1	43.9		1.3	36.9	36.9		18.3	18.2	
~	*	EBBERTS 3386	46.0	42.1		1.7	36.7	37.3		18.5	18.0	
	*	NK BRAND S38-D5	45.6	42.2		1.4	35.8	36.3		17.7	17.1	
	*	SOUTHERN CROSS LUCAS 3.8 N, RR	45.6	42.4		1.4	36.7	37.4		17.5	17.1	
	*	PROGENY P3906 RR	45.6			1.5	37.4			18.4		
	*	SOUTHERN STATES RT 3971N	44.9	42.7		1.2	36.4	37.1		17.5	17.3	
		HORNBECK HBK R3927	44.8	41.5		2.4	38.3	39.0		19.1	18.6	
	*	VIGORO V37N8RR	44.8			1.1	36.2			17.9		
NS		ASGROW AG36-22V (low linolenic)	44.5			1.1	35.7			19.0		
	*	BECK 399NRR	44.4	42.1		1.2	36.9	37.3		18.0	17.1	
	*	SEED CONSULTANTS SC 9389RR	43.9			1.3	36.2			17.9		
	*	DYNA-GRO 32X39	43.6			1.3	36.7			17.6		
~	*	PORTER HYBRIDS PH 4385N	43.6			1.7	35.4			18.0		
~		PIONEER 93B82	43.1	39.8		1.8	37.6	37.6		18.5	18.5	
	*	EBBERTS 1378RR	43.1	41.9		1.4	36.7	37.8		17.7	17.2	
NS	*	ASGROW AG3121V (low linolenic)	42.8	41.3		1.7	37.0	37.0		18.5	18.2	
	*	ASGROW AG3603	42.7	41.1		1.1	37.1	37.6		17.8	17.4	
	*	BECK 364NRR	42.4			1.4	36.7			17.6		
~NS		IA3026 (low saturates)	42.2			1.9	34.7			19.3		
NS	*	ASGROW AG35-21V (low linolenic)	41.9	40.2		1.2	35.9	36.0		19.1	18.7	
	*	ARMOR 38-G2	41.7			1.5	37.1			17.5		
	*	CROW'S C3916R	41.7	41.6		1.2	37.3	37.8		17.8	17.5	
~	*	PORTER HYBRIDS PH 4360N	41.6			1.5	36.6			18.0		
~NS	*	SCHILLINGER SEED 397.TCL (low linolenic)	41.6	39.3		1.1	37.6	37.5		19.5	19.2	
NS	*	ASGROW AG2921V (low linolenic)	41.2	38.7		1.0	35.5	36.1		19.8	19.4	
	*	VIGORO V39N9RR	41.0			1.3	35.3			18.9		
NS		ASGROW DKB31-22V (low linolenic)	39.7			1.1	36.5			18.7		
NS		DAIRYLAND DST37-000-UL (low linolenic)	39.7			1.7	36.8			18.5		
~NS		IA3024 (low linolenic)	39.5	38.7		1.6	35.7	35.2		19.5	19.4	
NS		DAIRYLAND DST37-001-UL (low linolenic)	39.0			1.8	37.4			18.2		
~		SEED CONSULTANT SC 388	38.5			1.6	38.0			18.1		
NS	*	ASGROW AG2822V (low linolenic)	37.9	38.9		1.3	36.9	37.2		**19.7**	**19.7**	
~NS		IA3036 (mid oleic)	36.4			1.8	38.1			18.2		
~NS		IA3041 (low linolenic)	35.9			1.5	36.5			18.4		
~NS		IA3025 (low linolenic)	32.8	28.7		1.5	36.7	36.9		19.2	18.9	
		GROUP III AVERAGE	42.5	40.4	44.6	1.4	36.6	37.0	37.3	18.4	18.1	18.3
		LSD (0.10)	2.2	3.3	2.8	0.2						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 — SORTED BY 06-08 % PROTEIN

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP EARLY IV (RELATIVE MG 4.0-4.5)										
	*	SOUTHERN STATES RT 4551N	43.6	40.0	45.8	1.6	35.2	37.1	**37.6**	19.3	18.2	18.2
	*	DELTA GROW 4150 RR	45.1	41.6	48.2	1.3	36.2	37.3	37.3	18.3	17.5	17.7
	*	CAVERNDALE CF 422 RR/STSn	46.6	43.7	**49.4**	1.1	36.8	37.4	36.9	18.9	18.4	**18.7**
	*	ASGROW AG4404	41.3	39.1	46.0	1.3	37.0	37.0	36.9	18.5	17.7	18.0
	*	BECK 422NRR	42.7	41.8	48.0	1.3	35.9	36.4	36.6	19.3	18.5	**18.7**
	*	DELTA GROW 4460 RR	45.4	41.0	46.6	1.7	35.2	36.5	36.4	18.9	17.9	18.1
	*	PIONEER 94M50	42.4	43.1	48.8	1.2	36.2	35.9	36.4	19.2	18.4	18.5
	*	SOUTHERN STATES RT 4451N	42.6	40.8	46.1	1.4	36.7	36.6	36.3	17.9	17.6	17.8
	*	ASGROW DKB42-51	41.5	40.3	47.1	1.3	33.7	34.2	34.7	19.3	18.3	18.3
~	*	SOUTHERN CROSS BENJAMIN 4.3 N	**48.0**			1.2	34.6			19.1		
	*	ASGROW AG4303	47.5			1.2	35.6			18.7		
	*	PIONEER 94Y01	47.2			1.6	34.5			19.4		
	*	ARMOR 42-M1	46.7			1.1	37.2			17.6		
~	*	PORTER HYBRIDS PH 4419N	46.4			1.3	35.5			17.9		
	*	CAVERNDALE CF 447 RR/STSn	46.4	**44.6**		1.1	35.6	36.2		18.9	18.5	
	*	CAVERNDALE CF 410 RR/STSn	46.4	43.7		1.1	36.8	37.5		17.8	16.9	
	*	NK BRAND S44-D5	46.3	44.2		1.4	35.7	36.4		18.3	17.7	
	*	TRISOY 4184RR(CN)	46.3			1.2	35.8			18.8		
	*	VIGORO V44N9RS	46.2			1.2	36.2			18.4		
	*	PROGENY P4206 RR	45.6	44.0		1.3	36.3	36.5		18.7	18.6	
	*	CROW'S C4119R	45.5			1.2	36.9			18.3		
	*	PIONEER 94Y20	45.4			1.5	37.3			18.8		
	*	ARMOR 44-K6	45.4			1.1	36.5			18.1		
	*	NK BRAND S43-N6	45.4			1.2	35.5			17.3		
	*	VIGORO V42N9RS	45.3			1.2	35.3			18.4		
	*	SOUTHERN STATES RT 4470N	45.2	44.0		1.1	36.2	36.3		18.3	18.3	
	*	SOUTHERN CROSS LOT 4.1 N, RR, STS	45.2			1.2	36.7			18.4		
	*	DYNA-GRO 35D44	45.1	42.4		1.3	36.5	37.5		19.1	18.1	
	*	TRISOY 4586RR(CN)	45.1			1.2	35.5			18.8		
	*	DELTA GROW 4470 RR/STS	45.0	42.0		1.4	34.9	35.7		19.2	18.7	
	*	SEED CONSULTANTS SC 9419RR	44.9			1.1	36.0			18.5		
	*	SEED CONSULTANTS SCS 9448RR	44.8			1.5	35.9			18.4		
EXP	*	SEED CONSULTANTS EXP 4242RR	44.6			1.1	36.4			18.3		
	*	TRISOY 4475RR(CN)	44.4			1.3	36.3			18.2		
	*	BECK 445NRR	44.3			1.1	35.5			18.7		
	*	SOUTHERN CROSS CALEB 4.4 N, RR, STS	44.2	41.2		1.1	36.2	36.1		18.8	18.4	
	*	STEYER 4430RR	44.1	42.9		1.3	35.1	35.9		18.9	18.7	
EXP		PROGENY P4508 RR	43.8			1.4	34.6			19.5		
	*	SOUTHERN CROSS JERICHO 4.2 N, RR	43.5			1.1	35.1			18.4		
	*	DYNA-GRO 38C42	43.4	42.5		1.1	36.1	36.7		19.1	18.5	
	*	SOUTHERN STATES RT 4370N	43.3	39.0		1.8	35.7	36.1		**19.6**	18.7	
	*	DYNA-GRO 33A40	43.2			1.4	35.6			19.4		
	*	ASGROW AG4005	43.2			1.0	36.0			18.0		
	*	DAIRYLAND 4300/RR	43.0			1.5	35.1			19.4		
EXP		PROGENY P4408 RR	43.0			1.1	35.7			18.5		
	*	SEED CONSULTANTS SC 9408RR	43.0			1.2	36.0			17.3		
	*	DYNA-GRO 36C44	42.6			1.1	36.1			18.0		
	*	SCHILLINGER SEED 457.RCP	42.4	38.8		1.9	35.3	36.3		18.9	18.2	
	*	DAIRYLAND 4500/RRSTS	42.4			1.4	35.6			19.3		
~NS	*	SCHILLINGER SEED 448 F.HPC (high protein)	42.3			1.2	41.4			17.0		
	*	STEYER 4040RR	41.9	43.0		1.6	37.3	37.7		18.7	18.1	
	*	PROGENY P4405 RR	41.5	38.3		1.7	35.8	37.1		18.1	17.2	
	*	L&M GLICK 843RR	41.4			1.6	35.5			19.5		
	*	SEED CONSULTANTS SC 9459RR	41.3			1.5	35.3			18.9		
		HORNBECK HBK R4527	41.1	36.2		1.8	37.2	38.6		18.2	17.3	
	*	SEED CONSULTANTS SCS 9409RR	41.1			1.2	37.1			17.8		
~	*	SCHILLINGER SEED 447.TC	41.0			1.3	37.9			17.8		
	*	VIGORO V40N8RS	40.9	40.3		1.3	35.8	36.8		19.5	**19.0**	
~NS	*	SCHILLINGER SEED 428 F.HPC (high protein)	40.8			1.4	**41.8**			17.0		
~		STEYER 434	40.1			1.2	36.9			18.4		
~	*	STEYER 410	39.7			1.6	36.2			18.1		
	*	CROW'S C4519R	39.6			1.3	36.6			18.5		
~	*	L&M GLICK 53	39.0			1.6	35.7			18.7		
	*	UNISOUTH GENETICS USG 74C36	38.7			1.7	37.3			17.4		
~	*	SCHILLINGER SEED 435.TCS	38.1			1.1	37.0			18.3		
~NS		SCHILLINGER SEED 446 F.HP (high protein)	37.7	35.4		1.2	39.5	**40.7**		16.7	15.5	
~NS		SCHILLINGER SEED XP44.TL (low linolenic)	37.3			1.2	35.4			19.5		
~NS		SCHILLINGER SEED 438.TL (low linolenic)	36.9			1.3	35.6			19.0		
		EARLY GROUP IV AVERAGE	43.3	41.3	47.3	1.3	36.2	36.8	36.6	18.5	18.0	18.2
		LSD (0.10)	2.5	3.5	2.6	0.1						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 — SORTED BY 06-08 % PROTEIN

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP LATE IV (RELATIVE MG 4.6-4.9)										
	*	PIONEER 94M80	39.6	37.0	43.5	1.4	38.4	**39.7**	**38.9**	17.6	17.1	17.4
	*	ASGROW DKB46-51	46.5	42.2	47.3	1.4	36.4	37.9	37.8	19.1	18.3	18.2
	*	SCHILLINGER SEED 495.RC	43.7	41.9	46.6	1.9	36.6	38.2	37.7	18.3	17.6	17.7
	*	SOUTHERN STATES RT 4760N	43.6	40.8	46.6	1.7	35.5	37.5	37.6	19.2	18.0	18.0
	*	DELTA GROW 4970 RR	45.9	40.6	47.2	1.9	36.3	38.1	37.5	18.9	17.9	17.9
	*	VIGORO V49N6RR	42.7	42.1	48.2	1.7	36.5	37.8	37.4	19.0	18.0	18.0
	*	ASGROW AG4703	43.0	41.8	47.4	1.2	37.3	37.9	37.3	17.9	17.3	17.5
	*	SOUTHERN STATES RT 4996N	41.6	40.0	46.0	1.6	36.0	37.5	37.1	19.7	18.4	18.6
	*	DELTA GROW 4840 RR	41.1	39.7	44.6	1.7	35.3	36.8	36.7	18.1	16.8	17.4
	*	NK BRAND S49-Q9	44.0	38.9	46.0	1.8	34.8	36.9	36.6	18.9	17.1	17.3
	*	UNISOUTH GENETICS USG 74A76	45.4	42.7	48.0	1.6	35.1	37.2	36.6	19.3	18.0	18.2
		ASGROW AG4903	45.5	42.5	48.0	1.4	36.8	37.2	36.5	19.3	18.7	18.7
	*	SOUTHERN STATES RT 4777N	41.4	42.6	47.9	1.4	35.0	36.3	36.5	19.1	18.4	18.5
	*	HORNBECK HBK R4924	44.1	43.6	48.3	1.6	35.9	37.2	36.4	19.1	18.0	18.2
	*	SOUTHERN STATES RT 4808N	44.4	43.9	**49.2**	1.6	35.6	37.0	36.0	19.0	17.6	17.8
	*	STINE 4782-4	43.3	42.0	49.1	1.2	33.5	35.7	35.2	19.9	19.5	19.4
	*	SOUTHERN CROSS ELI 4.7 N, RR, STS	41.8	41.7	49.0	1.2	34.0	35.0	34.7	19.8	19.7	**19.7**
	*	PIONEER 94Y70	**46.6**			1.7	34.9			19.5		
	*	ASGROW AG4606	46.5			1.4	34.7			21.0		
	*	PROGENY P4908 RR	46.3			1.5	35.2			18.8		
	*	ARMOR 48-J3	46.1	45.1		1.4	37.4	38.7		18.7	18.1	
	*	BECK 474NRR	45.7			1.3	37.0			17.8		
	*	VIGORO V47N9RS	45.3			1.3	35.7			19.6		
	*	CROW'S C4820R	45.0			1.3	35.9			19.5		
		DELTA GROW 4870 RR	45.0			1.5	37.2			17.7		
	*	SEED CONSULTANTS SCS 9479RR	45.0			1.4	35.1			19.2		
	*	UNISOUTH GENETICS USG 74G78	45.0			1.1	33.9			19.6		
EXP	*	NK BRAND XR4881	44.8			1.2	34.7			18.6		
	*	SOUTHERN CROSS RUFUS 4.7 N, RR, STS	44.6			1.2	35.6			19.7		
	*	PROGENY P4606 RR	44.4	43.3		1.2	33.7	35.7		19.6	18.5	
		DAIRYLAND 8482/RR	44.4	42.0		1.5	35.8	37.2		18.9	18.3	
	*	SOUTHERN STATES RT 4888N	44.2			1.4	36.8			18.1		
	*	PROGENY P4918 RR	44.2			1.6	37.4			17.8		
	*	ASGROW AG4907	43.9			1.6	35.3			18.7		
	*	ASGROW AG4705	43.8			2.0	35.7			20.3		
	*	NK BRAND S47-D9	43.8	**45.3**		1.1	34.1	35.8		19.6	18.7	
	*	ARMOR 47-F8	43.5	42.5		1.1	34.0	35.7		19.3	18.7	
	*	VIGORO V48N7RS	43.4	42.0		1.1	34.0	34.8		19.5	19.0	
	*	PROGENY P4718 RR	43.4			1.4	37.3			18.0		
	*	HORNBECK HBK R4727	43.3	40.7		1.4	35.0	35.8		19.0	18.2	
	*	CAVERNDALE CF 470 RR/STSn	43.2	42.4		1.1	34.5	35.5		19.7	19.1	
		DELTA GROW 4975 LARR	43.2	40.7		1.4	35.8	37.2		18.8	17.7	
	*	STEYER 4620RR	43.2			1.2	35.6			19.7		
		PROGENY P4906 RR	43.1	39.4		1.4	35.2	36.9		18.6	17.9	
	*	SEED CONSULTANTS SC 9468RR	43.1	41.2		1.2	33.1	34.5		20.1	19.5	
	*	ASGROW AG4605	42.7	39.1		1.3	34.5	36.1		19.0	18.6	
	*	PIONEER 94Y90	42.5			1.6	36.3			19.4		
	*	DELTA GROW 4770 RR	42.2	41.5		1.6	35.3	37.4		19.0	18.1	
	*	PIONEER 94Y60	42.0			1.2	38.7			17.6		
	*	PROGENY P4807 RR	41.9	38.7		1.5	34.7	35.9		19.2	18.3	
	*	PROGENY P4706 RR	41.7	40.5		1.6	35.4	36.9		19.1	18.2	
	*	VIGORO V47N8RR	41.7			1.3	34.8			19.3		
	*	DELTA GROW 4780 RR	41.5	38.8		1.4	35.0	35.8		19.5	18.9	
	*	ARMOR ARX4717	41.2			1.2	36.1			19.0		
	*	TRISOY 4760RR(CN)	41.2	39.0		1.2	32.5	34.1		**21.5**	**20.3**	
		PROGENY P4949 RR	40.7	40.4		1.5	35.4	37.6		19.9	18.1	
	*	UNISOUTH GENETICS USG 74T98	40.0			2.2	36.2			18.3		
	*	SOUTHERN CROSS GALILEE 4.7 N, RR	39.9	39.4		1.3	35.3	36.2		19.2	18.9	
	*	SOUTHERN CROSS HIRAM 4.9 N, RR	39.2	38.6		1.4	35.6	36.1		18.9	17.7	
	*	UNISOUTH GENETICS USG 7484nRR	39.1			1.7	35.7			17.9		
~	*	SCHILLINGER SEED 477.TCS	38.6			1.3	37.9			18.0		
~P		PENNYRILE (long term check-released 1987)	38.3	35.8		1.5	37.0	38.0		19.1	18.6	
EXP	*	DAIRYLAND 47-001/RR	38.1	35.7		1.5	35.4	36.1		18.7	18.4	
	*	NK BRAND S45-E5	36.9			1.4	36.7			18.7		
~NS		KS4607 (high protein)	36.3	35.3		1.3	**39.4**	39.4		18.4	17.6	
	*	SCHILLINGER SEED 478.RCS	36.2			1.5	35.1			18.6		
		LATE GROUP IV AVERAGE	42.8	40.8	47.2	1.4	35.6	36.8	36.9	19.0	18.3	18.1
		LSD (0.10)	2.2	3.8	2.5	0.1						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 — SORTED BY 06-08 % PROTEIN

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP V										
	*	DELTA KING DK52K6	35.7	36.5	43.6	2.4	**39.1**	39.7	**39.0**	17.3	17.0	17.2
	*	SOUTHERN STATES RT 5540N	36.6	35.2	41.6	2.4	38.8	39.4	38.5	18.1	17.5	17.7
~		UNISOUTH GENETICS USG 5601T	42.7	**41.0**	**47.8**	2.1	37.3	38.5	38.3	18.4	17.6	17.3
	*	DELTA GROW 5160 RR/STS	39.4	37.0	45.0	1.7	36.3	38.5	38.2	**20.1**	**18.8**	**18.6**
	*	SOUTHERN CROSS DAMASCUS 5.0 N, RR, STS	38.8	35.2	43.0	1.7	36.3	38.4	38.0	19.7	18.7	**18.6**
	*	UNISOUTH GENETICS USG 75J32	37.1	34.9	42.4	1.9	37.1	38.6	37.9	18.3	17.1	17.3
		UNISOUTH GENETICS USG ALLEN	36.6	35.0	42.9	2.0	37.2	38.2	37.6	17.9	17.5	17.2
~P		JAKE	37.8	36.9	43.3	1.6	38.2	38.0	37.2	17.0	17.2	17.4
	*	SOUTHERN STATES RT 5160N	36.9	36.3	42.7	2.0	37.4	38.0	37.1	17.4	17.2	17.5
~		UNISOUTH GENETICS USG 5002T	44.5	40.4	47.1	2.2	36.1	37.5	37.0	18.7	18.1	18.1
~P		TEEJAY	43.1	40.3	46.0	1.8	35.8	37.7	37.0	18.4	17.5	17.6
~P	*	KS5004N	**45.8**			2.1	35.8			19.0		
	*	DAIRYLAND 8509/RR	42.3	38.0		1.8	36.6	37.8		19.3	18.2	
	*	DELTA GROW 5170 RR	41.8			1.1	35.1			19.1		
	*	ARMOR 53-Z5	40.7			1.8	37.2			18.0		
	*	PROGENY P5408 RR	40.6			2.0	37.5			17.8		
	*	STINE 5482-4	40.4	37.7		1.6	36.3	37.2		18.5	18.1	
~P		V98-2711	39.8			2.3	38.3			18.0		
	*	SCHILLINGER SEED 557.RC	39.8			1.9	37.3			17.7		
	*	PROGENY P5208 RR	38.9			1.5	36.7			18.7		
	*	DELTA GROW 5300 RR	38.8	36.1		2.3	37.3	38.4		17.5	16.6	
	*	PROGENY P5115 RR	38.6	34.9		1.6	35.2	36.0		19.6	18.8	
	*	UNISOUTH GENETICS USG 75J47	38.5	37.5		1.9	37.5	37.8		18.0	17.7	
	*	PROGENY P5218 RR	38.4			2.7	36.8			18.4		
	*	PROGENY P5108 RR	38.2			1.5	37.8			18.2		
EXP-NS		V01-1702 (3.5% linolenic)	37.8			1.8	36.6			19.4		
	*	PROGENY P5308 RR	37.7			1.7	37.1			18.4		
~P		ESSEX (long term check-released 1974)	37.5	35.2		2.0	38.3	**39.9**		18.0	17.4	
	*	PROGENY P5107 RR	37.5	32.1		2.1	36.5	38.5		18.4	17.3	
EXP-NS		V01-1693 (3.5% linolenic)	37.3			1.9	36.7			18.7		
	*	PIONEER 95Y20	37.0			1.8	36.1			18.4		
	*	DAIRYLAND 8512/RR	36.9			1.6	37.7			18.5		
	*	DELTA GROW 5450 RR	36.1			1.8	37.6			17.4		
~		PROGENY P5770	36.0			2.7	37.1			18.6		
	*	DELTA GROW 5470 RR	35.9	34.6		1.6	37.6	38.6		17.4	17.1	
~		HORNBECK HBK C4926	33.8			1.6	36.5			18.7		
		GROUP V AVERAGE	38.8	36.6	44.1	1.9	37.0	38.2	37.8	18.4	17.6	17.7
		LSD (0.10)	1.8	3.5	2.7	0.2						
		GRAND MEAN	42.2	40.1	46.1	1.5	36.3	37.1	37.1	18.6	18.1	18.1

~ Variety is not Roundup Ready. All varieties without a tilda (~) prefix are Roundup Ready.

* Resistant to soybean cyst nematode. See Table 3. Company Disease Resistance Specifications for details.

P Entries with a P prefix are public varieties.

NS Entries with a NS prefix are novel soybean varieties that are emerging from both the public and private sectors. Some of these value-added soybean types will supply relatively small market niches, while others may be of much broader market value. Testing novel soybeans will enable producers to assess whether premiums for a given trait offset possible yield lag/drag.

EXP Entries with an EXP prefix are varieties that are still under development or soon to be released.

A Within a maturity group, shaded yields are not significantly different (0.10 level) from the highest yielding cultivar (bold data) of that maturity group and year column.

B Variety protein and oil concentration was determined at the Hancock Co. location (all test locations for NS entries) and expressed on the basis of 13% moisture. The 2008 data were provided by the University of Kentucky using near-infrared (NIR) analysis. The 2007 and 2006 data were provided by the Iowa State University Grain Quality Analysis Services using near-infrared (NIR) analysis.

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 — SORTED BY 2008 % OIL

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008 sort	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP II-III (RELATIVE MG 2.7-3.9)										
NS	*	ASGROW AG2921V (low linolenic)	41.2	38.7		1.0	35.5	36.1		**19.8**	19.4	
NS	*	ASGROW AG2822V (low linolenic)	37.9	38.9		1.3	36.9	37.2		19.7	**19.7**	
~NS	*	SCHILLINGER SEED 397.TCL (low linolenic)	41.6	39.3		1.1	37.6	37.5		19.5	19.2	
~NS		IA3024 (low linolenic)	39.5	38.7		1.6	35.7	35.2		19.5	19.4	
	*	SOUTHERN STATES RT 3871N	46.6	42.2		1.3	35.9	36.7		19.3	18.6	
~NS		IA3026 (low saturates)	42.2			1.9	34.7			19.3		
~NS		IA3025 (low linolenic)	32.8	28.7		1.5	36.7	36.9		19.2	18.9	
	*	PIONEER 93Y20	46.7			1.9	36.6			19.1		
		HORNBECK HBK R3927	44.8	41.5		2.4	38.3	39.0		19.1	18.6	
NS	*	ASGROW AG35-21V (low linolenic)	41.9	40.2		1.2	35.9	36.0		19.1	18.7	
NS		ASGROW AG36-22V (low linolenic)	44.5			1.1	35.7			19.0		
		SOUTHERN STATES RT 3860	41.7	40.4	46.4	1.1	35.0	35.8	35.9	18.9	18.4	18.7
	*	VIGORO V39N9RR	41.0			1.3	35.3			18.9		
	*	SEED CONSULTANTS SCS 9398RR	**47.7**			1.6	36.8			18.8		
	*	ASGROW AG3906	41.8	40.8	47.0	1.1	36.2	36.3	36.5	18.8	18.6	**18.9**
NS		ASGROW DKB31-22V (low linolenic)	39.7			1.1	36.5			18.7		
	*	NK BRAND S39-A3	47.2	**44.3**		1.5	34.6	35.2		18.5	18.1	
~	*	EBBERTS 3386	46.0	42.1		1.7	36.7	37.3		18.5	18.0	
~		PIONEER 93B82	43.1	39.8		1.8	37.6	37.6		18.5	18.5	
NS	*	ASGROW AG3121V (low linolenic)	42.8	41.3		1.7	37.0	37.0		18.5	18.2	
	*	EBBERTS 1386RR	41.2	38.2	45.3	1.6	36.2	36.6	36.7	18.5	18.2	18.5
NS		DAIRYLAND DST37-000-UL (low linolenic)	39.7			1.7	36.8			18.5		
	*	PROGENY P3906 RR	45.6			1.5	37.4			18.4		
~NS		IA3041 (low linolenic)	35.9			1.5	36.5			18.4		
	*	ASGROW AG3803	46.1	43.9		1.3	36.9	36.9		18.3	18.2	
	*	ASGROW AG3705	42.5	41.7	**48.2**	1.1	34.9	35.4	35.6	18.3	17.8	18.2
~NS		IA3027 (large seed, high protein)	38.3	32.6	33.7	1.2	39.0	39.4	39.3	18.3	18.4	18.6
	*	NK BRAND S37-P5	46.2	42.9		1.7	35.6	35.9		18.2	18.3	
	*	SEED CONSULTANTS SC 9386RR	39.8	38.4	44.8	2.1	36.4	37.0	37.6	18.2	18.0	18.3
NS		DAIRYLAND DST37-001-UL (low linolenic)	39.0			1.8	37.4			18.2		
~NS		IA3036 (mid oleic)	36.4			1.8	38.1			18.2		
~		SEED CONSULTANT SC 388	38.5			1.6	38.0			18.1		
	*	ARMOR ARX938	47.6			1.5	35.6			18.0		
	*	BECK 399NRR	44.4	42.1		1.2	36.9	37.3		18.0	17.1	
~	*	PORTER HYBRIDS PH 4385N	43.6			1.7	35.4			18.0		
~	*	PORTER HYBRIDS PH 4360N	41.6			1.5	36.6			18.0		
	*	VIGORO V37N8RR	44.8			1.1	36.2			17.9		
	*	SEED CONSULTANTS SC 9389RR	43.9			1.3	36.2			17.9		
	*	ASGROW AG3603	42.7	41.1		1.1	37.1	37.6		17.8	17.4	
	*	CROW'S C3916R	41.7	41.6		1.2	37.3	37.8		17.8	17.5	
	*	NK BRAND S38-D5	45.6	42.2		1.4	35.8	36.3		17.7	17.1	
	*	EBBERTS 1378RR	43.1	41.9		1.4	36.7	37.8		17.7	17.2	
	*	DYNA-GRO 32X39	43.6			1.3	36.7			17.6		
	*	BECK 364NRR	42.4			1.4	36.7			17.6		
	*	SOUTHERN CROSS LUCAS 3.8 N, RR	45.6	42.4		1.4	36.7	37.4		17.5	17.1	
	*	SOUTHERN STATES RT 3971N	44.9	42.7		1.2	36.4	37.1		17.5	17.3	
	*	ARMOR 38-G2	41.7			1.5	37.1			17.5		
	*	EBBERTS 1365RR	43.3	43.2	46.8	1.7	**39.2**	**39.6**	**39.8**	16.9	16.7	16.8
		GROUP III AVERAGE	42.5	40.4	44.6	1.4	36.6	37.0	37.3	18.4	18.1	18.3
		LSD (0.10)	2.2	3.3	2.8	0.2						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 — SORTED BY 2008 % OIL

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP EARLY IV (RELATIVE MG 4.0-4.5)										
	*	SOUTHERN STATES RT 4370N	43.3	39.0		1.8	35.7	36.1		**19.6**	18.7	
EXP		PROGENY P4508 RR	43.8			1.4	34.6			19.5		
	*	L&M GLICK 843RR	41.4			1.6	35.5			19.5		
	*	VIGORO V40N8RS	40.9	40.3		1.3	35.8	36.8		19.5	**19.0**	
~NS		SCHILLINGER SEED XP44.TL (low linolenic)	37.3			1.2	35.4			19.5		
	*	PIONEER 94Y01	47.2			1.6	34.5			19.4		
	*	DYNA-GRO 33A40	43.2			1.4	35.6			19.4		
	*	DAIRYLAND 4300/RR	43.0			1.5	35.1			19.4		
	*	SOUTHERN STATES RT 4551N	43.6	40.0	45.8	1.6	35.2	37.1	**37.6**	19.3	18.2	18.2
	*	BECK 422NRR	42.7	41.8	48.0	1.3	35.9	36.4	36.6	19.3	18.5	**18.7**
	*	DAIRYLAND 4500/RRSTS	42.4			1.4	35.6			19.3		
	*	ASGROW DKB42-51	41.5	40.3	47.1	1.3	33.7	34.2	34.7	19.3	18.3	18.3
	*	DELTA GROW 4470 RR/STS	45.0	42.0		1.4	34.9	35.7		19.2	18.7	
	*	PIONEER 94M50	42.4	43.1	48.8	1.2	36.2	35.9	36.4	19.2	18.4	18.5
~	*	SOUTHERN CROSS BENJAMIN 4.3 N	**48.0**			1.2	34.6			19.1		
	*	DYNA-GRO 35D44	45.1	42.4		1.3	36.5	37.5		19.1	18.1	
	*	DYNA-GRO 38C42	43.4	42.5		1.1	36.1	36.7		19.1	18.5	
~NS		SCHILLINGER SEED 438.TL (low linolenic)	36.9			1.3	35.6			19.0		
	*	CAVERNDALE CF 422 RR/STSn	46.6	43.7	**49.4**	1.1	36.8	37.4	36.9	18.9	18.4	**18.7**
	*	CAVERNDALE CF 447 RR/STSn	46.4	**44.6**		1.1	35.6	36.2		18.9	18.5	
	*	DELTA GROW 4460 RR	45.4	41.0	46.6	1.7	35.2	36.5	36.4	18.9	17.9	18.1
	*	STEYER 4430RR	44.1	42.9		1.3	35.1	35.9		18.9	18.7	
	*	SCHILLINGER SEED 457.RCP	42.4	38.8		1.9	35.3	36.3		18.9	18.2	
	*	SEED CONSULTANTS SC 9459RR	41.3			1.5	35.3			18.9		
	*	TRISOY 4184RR(CN)	46.3			1.2	35.8			18.8		
	*	PIONEER 94Y20	45.4			1.5	37.3			18.8		
	*	TRISOY 4586RR(CN)	45.1			1.2	35.5			18.8		
	*	SOUTHERN CROSS CALEB 4.4 N, RR, STS	44.2	41.2		1.1	36.2	36.1		18.8	18.4	
	*	ASGROW AG4303	47.5			1.2	35.6			18.7		
	*	PROGENY P4206 RR	45.6	44.0		1.3	36.3	36.5		18.7	18.6	
	*	BECK 445NRR	44.3			1.1	35.5			18.7		
	*	STEYER 4040RR	41.9	43.0		1.6	37.3	37.7		18.7	18.1	
~	*	L&M GLICK 53	39.0			1.6	35.7			18.7		
	*	SEED CONSULTANTS SC 9419RR	44.9			1.1	36.0			18.5		
EXP		PROGENY P4408 RR	43.0			1.1	35.7			18.5		
	*	ASGROW AG4404	41.3	39.1	46.0	1.3	37.0	37.0	36.9	18.5	17.7	18.0
	*	CROW'S C4519R	39.6			1.3	36.6			18.5		
	*	VIGORO V44N9RS	46.2			1.2	36.2			18.4		
	*	VIGORO V42N9RS	45.3			1.2	35.3			18.4		
	*	SOUTHERN CROSS LOT 4.1 N, RR, STS	45.2			1.2	36.7			18.4		
	*	SEED CONSULTANTS SCS 9448RR	44.8			1.5	35.9			18.4		
	*	SOUTHERN CROSS JERICHO 4.2 N, RR	43.5			1.1	35.1			18.4		
~		STEYER 434	40.1			1.2	36.9			18.4		
	*	NK BRAND S44-D5	46.3	44.2		1.4	35.7	36.4		18.3	17.7	
	*	CROW'S C4119R	45.5			1.2	36.9			18.3		
	*	SOUTHERN STATES RT 4470N	45.2	44.0		1.1	36.2	36.3		18.3	18.3	
	*	DELTA GROW 4150 RR	45.1	41.6	48.2	1.3	36.2	37.3	37.3	18.3	17.5	17.7
EXP	*	SEED CONSULTANTS EXP 4242RR	44.6			1.1	36.4			18.3		
~	*	SCHILLINGER SEED 435.TCS	38.1			1.1	37.0			18.3		
	*	TRISOY 4475RR(CN)	44.4			1.3	36.3			18.2		
		HORNBECK HBK R4527	41.1	36.2		1.8	37.2	38.6		18.2	17.3	
	*	ARMOR 44-K6	45.4			1.1	36.5			18.1		
	*	PROGENY P4405 RR	41.5	38.3		1.7	35.8	37.1		18.1	17.2	
~	*	STEYER 410	39.7			1.6	36.2			18.1		
	*	ASGROW AG4005	43.2			1.0	36.0			18.0		
	*	DYNA-GRO 36C44	42.6			1.1	36.1			18.0		
~	*	PORTER HYBRIDS PH 4419N	46.4			1.3	35.5			17.9		
	*	SOUTHERN STATES RT 4451N	42.6	40.8	46.1	1.4	36.7	36.6	36.3	17.9	17.6	17.8
	*	CAVERNDALE CF 410 RR/STSn	46.4	43.7		1.1	36.8	37.5		17.8	16.9	
	*	SEED CONSULTANTS SCS 9409RR	41.1			1.2	37.1			17.8		
~	*	SCHILLINGER SEED 447.TC	41.0			1.3	37.9			17.8		
	*	ARMOR 42-M1	46.7			1.1	37.2			17.6		
	*	UNISOUTH GENETICS USG 74C36	38.7			1.7	37.3			17.4		
	*	NK BRAND S43-N6	45.4			1.2	35.5			17.3		
	*	SEED CONSULTANTS SC 9408RR	43.0			1.2	36.0			17.3		
~NS	*	SCHILLINGER SEED 448 F.HPC (high protein)	42.3			1.2	41.4			17.0		
~NS	*	SCHILLINGER SEED 428 F.HPC (high protein)	40.8			1.4	**41.8**			17.0		
~NS		SCHILLINGER SEED 446 F.HP (high protein)	37.7	35.4		1.2	39.5	**40.7**		16.7	15.5	
		EARLY GROUP IV AVERAGE	43.3	41.3	47.3	1.3	36.2	36.8	36.6	18.5	18.0	18.2
		LSD (0.10)	2.5	3.5	2.6	0.1						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 SORTED BY 2008 % OIL

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP LATE IV (RELATIVE MG 4.6-4.9)										
	*	TRISOY 4760RR(CN)	41.2	39.0		1.2	32.5	34.1		**21.5**	**20.3**	
	*	ASGROW AG4606	46.5			1.4	34.7			21.0		
	*	ASGROW AG4705	43.8			2.0	35.7			20.3		
	*	SEED CONSULTANTS SC 9468RR	43.1	41.2		1.2	33.1	34.5		20.1	19.5	
	*	STINE 4782-4	43.3	42.0	49.1	1.2	33.5	35.7	35.2	19.9	19.5	19.4
		PROGENY P4949 RR	40.7	40.4		1.5	35.4	37.6		19.9	18.1	
	*	SOUTHERN CROSS ELI 4.7 N, RR, STS	41.8	41.7	49.0	1.2	34.0	35.0	34.7	19.8	19.7	**19.7**
	*	SOUTHERN CROSS RUFUS 4.7 N, RR, STS	44.6			1.2	35.6			19.7		
	*	CAVERNDALE CF 470 RR/STSn	43.2	42.4		1.1	34.5	35.5		19.7	19.1	
	*	STEYER 4620RR	43.2			1.2	35.6			19.7		
	*	SOUTHERN STATES RT 4996N	41.6	40.0	46.0	1.6	36.0	37.5	37.1	19.7	18.4	18.6
	*	VIGORO V47N9RS	45.3			1.3	35.7			19.6		
	*	UNISOUTH GENETICS USG 74G78	45.0			1.1	33.9			19.6		
	*	PROGENY P4606 RR	44.4	43.3		1.2	33.7	35.7		19.6	18.5	
	*	NK BRAND S47-D9	43.8	**45.3**		1.1	34.1	35.8		19.6	18.7	
	*	PIONEER 94Y70	**46.6**			1.7	34.9			19.5		
	*	CROW'S C4820R	45.0			1.3	35.9			19.5		
	*	VIGORO V48N7RS	43.4	42.0		1.1	34.0	34.8		19.5	19.0	
	*	DELTA GROW 4780 RR	41.5	38.8		1.4	35.0	35.8		19.5	18.9	
	*	PIONEER 94Y90	42.5			1.6	36.3			19.4		
		ASGROW AG4903	45.5	42.5	48.0	1.4	36.8	37.2	36.5	19.3	18.7	18.7
	*	UNISOUTH GENETICS USG 74A76	45.4	42.7	48.0	1.6	35.1	37.2	36.6	19.3	18.0	18.2
	*	ARMOR 47-F8	43.5	42.5		1.1	34.0	35.7		19.3	18.7	
	*	VIGORO V47N8RR	41.7			1.3	34.8			19.3		
	*	SEED CONSULTANTS SCS 9479RR	45.0			1.4	35.1			19.2		
	*	SOUTHERN STATES RT 4760N	43.6	40.8	46.6	1.7	35.5	37.5	37.6	19.2	18.0	18.0
	*	PROGENY P4807 RR	41.9	38.7		1.5	34.7	35.9		19.2	18.3	
	*	SOUTHERN CROSS GALILEE 4.7 N, RR	39.9	39.4		1.3	35.3	36.2		19.2	18.9	
	*	ASGROW DKB46-51	46.5	42.2	47.3	1.4	36.4	37.9	37.8	19.1	18.3	18.2
	*	HORNBECK HBK R4924	44.1	43.6	48.3	1.6	35.9	37.2	36.4	19.1	18.0	18.2
	*	PROGENY P4706 RR	41.7	40.5		1.6	35.4	36.9		19.1	18.2	
	*	SOUTHERN STATES RT 4777N	41.4	42.6	47.9	1.4	35.0	36.3	36.5	19.1	18.4	18.5
~P		PENNYRILE (long term check-released 1987)	38.3	35.8		1.5	37.0	38.0		19.1	18.6	
	*	SOUTHERN STATES RT 4808N	44.4	43.9	**49.2**	1.6	35.6	37.0	36.0	19.0	17.6	17.8
	*	HORNBECK HBK R4727	43.3	40.7		1.4	35.0	35.8		19.0	18.2	
	*	ASGROW AG4605	42.7	39.1		1.3	34.5	36.1		19.0	18.6	
	*	VIGORO V49N6RR	42.7	42.1	48.2	1.7	36.5	37.8	37.4	19.0	18.0	18.0
	*	DELTA GROW 4770 RR	42.2	41.5		1.6	35.3	37.4		19.0	18.1	
	*	ARMOR ARX4717	41.2			1.2	36.1			19.0		
	*	DELTA GROW 4970 RR	45.9	40.6	47.2	1.9	36.3	38.1	37.5	18.9	17.9	17.9
		DAIRYLAND 8482/RR	44.4	42.0		1.5	35.8	37.2		18.9	18.3	
	*	NK BRAND S49-Q9	44.0	38.9	46.0	1.8	34.8	36.9	36.6	18.9	17.1	17.3
	*	SOUTHERN CROSS HIRAM 4.9 N, RR	39.2	38.6		1.4	35.6	36.1		18.9	17.7	
	*	PROGENY P4908 RR	46.3			1.5	35.2			18.8		
		DELTA GROW 4975 LARR	43.2	40.7		1.4	35.8	37.2		18.8	17.7	
	*	ARMOR 48-J3	46.1	45.1		1.4	37.4	38.7		18.7	18.1	
	*	ASGROW AG4907	43.9			1.6	35.3			18.7		
EXP	*	DAIRYLAND 47-001/RR	38.1	35.7		1.5	35.4	36.1		18.7	18.4	
	*	NK BRAND S45-E5	36.9			1.4	36.7			18.7		
EXP	*	NK BRAND XR4881	44.8			1.2	34.7			18.6		
		PROGENY P4906 RR	43.1	39.4		1.4	35.2	36.9		18.6	17.9	
	*	SCHILLINGER SEED 478.RCS	36.2			1.5	35.1			18.6		
~NS		KS4607 (high protein)	36.3	35.3		1.3	**39.4**	39.4		18.4	17.6	
	*	SCHILLINGER SEED 495.RC	43.7	41.9	46.6	1.9	36.6	38.2	37.7	18.3	17.6	17.7
	*	UNISOUTH GENETICS USG 74T98	40.0			2.2	36.2			18.3		
	*	SOUTHERN STATES RT 4888N	44.2			1.4	36.8			18.1		
	*	DELTA GROW 4840 RR	41.1	39.7	44.6	1.7	35.3	36.8	36.7	18.1	16.8	17.4
	*	PROGENY P4718 RR	43.4			1.4	37.3			18.0		
~	*	SCHILLINGER SEED 477.TCS	38.6			1.3	37.9			18.0		
	*	ASGROW AG4703	43.0	41.8	47.4	1.2	37.3	37.9	37.3	17.9	17.3	17.5
	*	UNISOUTH GENETICS USG 7484nRR	39.1			1.7	35.7			17.9		
	*	BECK 474NRR	45.7			1.3	37.0			17.8		
	*	PROGENY P4918 RR	44.2			1.6	37.4			17.8		
		DELTA GROW 4870 RR	45.0			1.5	37.2			17.7		
	*	PIONEER 94Y60	42.0			1.2	38.7			17.6		
	*	PIONEER 94M80	39.6	37.0	43.5	1.4	38.4	**39.7**	**38.9**	17.6	17.1	17.4
		LATE GROUP IV AVERAGE	42.8	40.8	47.2	1.4	35.6	36.8	36.9	19.0	18.3	18.1
		LSD (0.10)	2.2	3.8	2.5	0.1						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 SORTED BY 2008 % OIL

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP V										
	*	DELTA GROW 5160 RR/STS	39.4	37.0	45.0	1.7	36.3	38.5	38.2	**20.1**	**18.8**	**18.6**
	*	SOUTHERN CROSS DAMASCUS 5.0 N, RR, STS	38.8	35.2	43.0	1.7	36.3	38.4	38.0	19.7	18.7	**18.6**
	*	PROGENY P5115 RR	38.6	34.9		1.6	35.2	36.0		19.6	18.8	
EXP-NS		V01-1702 (3.5% linolenic)	37.8			1.8	36.6			19.4		
	*	DAIRYLAND 8509/RR	42.3	38.0		1.8	36.6	37.8		19.3	18.2	
	*	DELTA GROW 5170 RR	41.8			1.1	35.1			19.1		
~P	*	KS5004N	**45.8**			2.1	35.8			19.0		
~		UNISOUTH GENETICS USG 5002T	44.5	40.4	47.1	2.2	36.1	37.5	37.0	18.7	18.1	18.1
	*	PROGENY P5208 RR	38.9			1.5	36.7			18.7		
EXP-NS		V01-1693 (3.5% linolenic)	37.3			1.9	36.7			18.7		
~		HORNBECK HBK C4926	33.8			1.6	36.5			18.7		
~		PROGENY P5770	36.0			2.7	37.1			18.6		
	*	STINE 5482-4	40.4	37.7		1.6	36.3	37.2		18.5	18.1	
	*	DAIRYLAND 8512/RR	36.9			1.6	37.7			18.5		
~P		TEEJAY	43.1	40.3	46.0	1.8	35.8	37.7	37.0	18.4	17.5	17.6
~		UNISOUTH GENETICS USG 5601T	42.7	**41.0**	**47.8**	2.1	37.3	38.5	38.3	18.4	17.6	17.3
	*	PROGENY P5218 RR	38.4			2.7	36.8			18.4		
	*	PROGENY P5308 RR	37.7			1.7	37.1			18.4		
	*	PROGENY P5107 RR	37.5	32.1		2.1	36.5	38.5		18.4	17.3	
	*	PIONEER 95Y20	37.0			1.8	36.1			18.4		
	*	UNISOUTH GENETICS USG 75J32	37.1	34.9	42.4	1.9	37.1	38.6	37.9	18.3	17.1	17.3
	*	PROGENY P5108 RR	38.2			1.5	37.8			18.2		
	*	SOUTHERN STATES RT 5540N	36.6	35.2	41.6	2.4	38.8	39.4	38.5	18.1	17.5	17.7
	*	ARMOR 53-Z5	40.7			1.8	37.2			18.0		
~P		V98-2711	39.8			2.3	38.3			18.0		
	*	UNISOUTH GENETICS USG 75J47	38.5	37.5		1.9	37.5	37.8		18.0	17.7	
~P		ESSEX (long term check-released 1974)	37.5	35.2		2.0	38.3	**39.9**		18.0	17.4	
		UNISOUTH GENETICS USG ALLEN	36.6	35.0	42.9	2.0	37.2	38.2	37.6	17.9	17.5	17.2
	*	PROGENY P5408 RR	40.6			2.0	37.5			17.8		
	*	SCHILLINGER SEED 557.RC	39.8			1.9	37.3			17.7		
	*	DELTA GROW 5300 RR	38.8	36.1		2.3	37.3	38.4		17.5	16.6	
	*	SOUTHERN STATES RT 5160N	36.9	36.3	42.7	2.0	37.4	38.0	37.1	17.4	17.2	17.5
	*	DELTA GROW 5450 RR	36.1			1.8	37.6			17.4		
	*	DELTA GROW 5470 RR	35.9	34.6		1.6	37.6	38.6		17.4	17.1	
	*	DELTA KING DK52K6	35.7	36.5	43.6	2.4	**39.1**	39.7	**39.0**	17.3	17.0	17.2
~P		JAKE	37.8	36.9	43.3	1.6	38.2	38.0	37.2	17.0	17.2	17.4
		GROUP V AVERAGE	38.8	36.6	44.1	1.9	37.0	38.2	37.8	18.4	17.6	17.7
		LSD (0.10)	1.8	3.5	2.7	0.2						
		GRAND MEAN	42.2	40.1	46.1	1.5	36.3	37.1	37.1	18.6	18.1	18.1

~ Variety is not Roundup Ready. All varieties without a tilda (~) prefix are Roundup Ready.

* Resistant to soybean cyst nematode. See Table 3. Company Disease Resistance Specifications for details.

P Entries with a P prefix are public varieties.

NS Entries with a NS prefix are novel soybean varieties that are emerging from both the public and private sectors. Some of these value-added soybean types will supply relatively small market niches, while others may be of much broader market value. Testing novel soybeans will enable producers to assess whether premiums for a given trait offset possible yield lag/drag.

EXP Entries with an EXP prefix are varieties that are still under development or soon to be released.

A Within a maturity group, shaded yields are not significantly different (0.10 level) from the highest yielding cultivar (bold data) of that maturity group and year column.

B Variety protein and oil concentration was determined at the Hancock Co. location (all test locations for NS entries) and expressed on the basis of 13% moisture. The 2008 data were provided by the University of Kentucky using near-infrared (NIR) analysis. The 2007 and 2006 data were provided by the Iowa State University Grain Quality Analysis Services using near-infrared (NIR) analysis.

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 SORTED BY 07-08 % OIL

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A]			LODGING	% PROTEIN[B]			% OIL[B]		
			2008	07-08	06-08	2008	2008	07-08	06-08	2008	07-08 sort	06-08
		MATURITY GROUP II-III (RELATIVE MG 2.7-3.9)										
NS	*	ASGROW AG2822V (low linolenic)	37.9	38.9		1.3	36.9	37.2		19.7	**19.7**	
NS	*	ASGROW AG2921V (low linolenic)	41.2	38.7		1.0	35.5	36.1		**19.8**	19.4	
~NS		IA3024 (low linolenic)	39.5	38.7		1.6	35.7	35.2		19.5	19.4	
~NS	*	SCHILLINGER SEED 397.TCL (low linolenic)	41.6	39.3		1.1	37.6	37.5		19.5	19.2	
~NS		IA3025 (low linolenic)	32.8	28.7		1.5	36.7	36.9		19.2	18.9	
NS	*	ASGROW AG35-21V (low linolenic)	41.9	40.2		1.2	35.9	36.0		19.1	18.7	
		HORNBECK HBK R3927	44.8	41.5		2.4	38.3	39.0		19.1	18.6	
	*	ASGROW AG3906	41.8	40.8	47.0	1.1	36.2	36.3	36.5	18.8	18.6	**18.9**
	*	SOUTHERN STATES RT 3871N	46.6	42.2		1.3	35.9	36.7		19.3	18.6	
~		PIONEER 93B82	43.1	39.8		1.8	37.6	37.6		18.5	18.5	
		SOUTHERN STATES RT 3860	41.7	40.4	46.4	1.1	35.0	35.8	35.9	18.9	18.4	18.7
~NS		IA3027 (large seed, high protein)	38.3	32.6	33.7	1.2	39.0	39.4	39.3	18.3	18.4	18.6
	*	NK BRAND S37-P5	46.2	42.9		1.7	35.6	35.9		18.2	18.3	
	*	EBBERTS 1386RR	41.2	38.2	45.3	1.6	36.2	36.6	36.7	18.5	18.2	18.5
	*	ASGROW AG3803	46.1	43.9		1.3	36.9	36.9		18.3	18.2	
NS	*	ASGROW AG3121V (low linolenic)	42.8	41.3		1.7	37.0	37.0		18.5	18.2	
	*	NK BRAND S39-A3	47.2	**44.3**		1.5	34.6	35.2		18.5	18.1	
~	*	EBBERTS 3386	46.0	42.1		1.7	36.7	37.3		18.5	18.0	
	*	SEED CONSULTANTS SC 9386RR	39.8	38.4	44.8	2.1	36.4	37.0	37.6	18.2	18.0	18.3
	*	ASGROW AG3705	42.5	41.7	**48.2**	1.1	34.9	35.4	35.6	18.3	17.8	18.2
	*	CROW'S C3916R	41.7	41.6		1.2	37.3	37.8		17.8	17.5	
	*	ASGROW AG3603	42.7	41.1		1.1	37.1	37.6		17.8	17.4	
	*	SOUTHERN STATES RT 3971N	44.9	42.7		1.2	36.4	37.1		17.5	17.3	
	*	EBBERTS 1378RR	43.1	41.9		1.4	36.7	37.8		17.7	17.2	
	*	SOUTHERN CROSS LUCAS 3.8 N, RR	45.6	42.4		1.4	36.7	37.4		17.5	17.1	
	*	BECK 399NRR	44.4	42.1		1.2	36.9	37.3		18.0	17.1	
	*	NK BRAND S38-D5	45.6	42.2		1.4	35.8	36.3		17.7	17.1	
	*	EBBERTS 1365RR	43.3	43.2	46.8	1.7	**39.2**	**39.6**	**39.8**	16.9	16.7	16.8
	*	SEED CONSULTANTS SCS 9398RR	**47.7**			1.6	36.8			18.8		
	*	ARMOR ARX938	47.6			1.5	35.6			18.0		
	*	PIONEER 93Y20	46.7			1.9	36.6			19.1		
	*	PROGENY P3906 RR	45.6			1.5	37.4			18.4		
	*	VIGORO V37N8RR	44.8			1.1	36.2			17.9		
NS		ASGROW AG36-22V (low linolenic)	44.5			1.1	35.7			19.0		
	*	SEED CONSULTANTS SC 9389RR	43.9			1.3	36.2			17.9		
	*	DYNA-GRO 32X39	43.6			1.3	36.7			17.6		
~	*	PORTER HYBRIDS PH 4385N	43.6			1.7	35.4			18.0		
	*	BECK 364NRR	42.4			1.4	36.7			17.6		
~NS		IA3026 (low saturates)	42.2			1.9	34.7			19.3		
	*	ARMOR 38-G2	41.7			1.5	37.1			17.5		
~	*	PORTER HYBRIDS PH 4360N	41.6			1.5	36.6			18.0		
	*	VIGORO V39N9RR	41.0			1.3	35.3			18.9		
NS		ASGROW DKB31-22V (low linolenic)	39.7			1.1	36.5			18.7		
NS		DAIRYLAND DST37-000-UL (low linolenic)	39.7			1.7	36.8			18.5		
NS		DAIRYLAND DST37-001-UL (low linolenic)	39.0			1.8	37.4			18.2		
~		SEED CONSULTANT SC 388	38.5			1.6	38.0			18.1		
~NS		IA3036 (mid oleic)	36.4			1.8	38.1			18.2		
~NS		IA3041 (low linolenic)	35.9			1.5	36.5			18.4		
		GROUP III AVERAGE	42.5	40.4	44.6	1.4	36.6	37.0	37.3	18.4	18.1	18.3
		LSD (0.10)	2.2	3.3	2.8	0.2						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 SORTED BY 07-08 % OIL

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP EARLY IV (RELATIVE MG 4.0-4.5)										
	*	VIGORO V40N8RS	40.9	40.3		1.3	35.8	36.8		19.5	**19.0**	
	*	DELTA GROW 4470 RR/STS	45.0	42.0		1.4	34.9	35.7		19.2	18.7	
	*	STEYER 4430RR	44.1	42.9		1.3	35.1	35.9		18.9	18.7	
	*	SOUTHERN STATES RT 4370N	43.3	39.0		1.8	35.7	36.1		**19.6**	18.7	
	*	PROGENY P4206 RR	45.6	44.0		1.3	36.3	36.5		18.7	18.6	
	*	CAVERNDALE CF 447 RR/STSn	46.4	**44.6**		1.1	35.6	36.2		18.9	18.5	
	*	BECK 422NRR	42.7	41.8	48.0	1.3	35.9	36.4	36.6	19.3	18.5	**18.7**
	*	DYNA-GRO 38C42	43.4	42.5		1.1	36.1	36.7		19.1	18.5	
	*	CAVERNDALE CF 422 RR/STSn	46.6	43.7	**49.4**	1.1	36.8	37.4	36.9	18.9	18.4	**18.7**
	*	SOUTHERN CROSS CALEB 4.4 N, RR, STS	44.2	41.2		1.1	36.2	36.1		18.8	18.4	
	*	PIONEER 94M50	42.4	43.1	48.8	1.2	36.2	35.9	36.4	19.2	18.4	18.5
	*	ASGROW DKB42-51	41.5	40.3	47.1	1.3	33.7	34.2	34.7	19.3	18.3	18.3
	*	SOUTHERN STATES RT 4470N	45.2	44.0		1.1	36.2	36.3		18.3	18.3	
	*	SCHILLINGER SEED 457.RCP	42.4	38.8		1.9	35.3	36.3		18.9	18.2	
	*	SOUTHERN STATES RT 4551N	43.6	40.0	45.8	1.6	35.2	37.1	**37.6**	19.3	18.2	18.2
	*	DYNA-GRO 35D44	45.1	42.4		1.3	36.5	37.5		19.1	18.1	
	*	STEYER 4040RR	41.9	43.0		1.6	37.3	37.7		18.7	18.1	
	*	DELTA GROW 4460 RR	45.4	41.0	46.6	1.7	35.2	36.5	36.4	18.9	17.9	18.1
	*	NK BRAND S44-D5	46.3	44.2		1.4	35.7	36.4		18.3	17.7	
	*	ASGROW AG4404	41.3	39.1	46.0	1.3	37.0	37.0	36.9	18.5	17.7	18.0
	*	SOUTHERN STATES RT 4451N	42.6	40.8	46.1	1.4	36.7	36.6	36.3	17.9	17.6	17.8
	*	DELTA GROW 4150 RR	45.1	41.6	48.2	1.3	36.2	37.3	37.3	18.3	17.5	17.7
		HORNBECK HBK R4527	41.1	36.2		1.8	37.2	38.6		18.2	17.3	
	*	PROGENY P4405 RR	41.5	38.3		1.7	35.8	37.1		18.1	17.2	
	*	CAVERNDALE CF 410 RR/STSn	46.4	43.7		1.1	36.8	37.5		17.8	16.9	
~NS		SCHILLINGER SEED 446 F.HP (high protein)	37.7	35.4		1.2	39.5	**40.7**		16.7	15.5	
~	*	SOUTHERN CROSS BENJAMIN 4.3 N	**48.0**			1.2	34.6			19.1		
	*	ASGROW AG4303	47.5			1.2	35.6			18.7		
	*	PIONEER 94Y01	47.2			1.6	34.5			19.4		
	*	ARMOR 42-M1	46.7			1.1	37.2			17.6		
~	*	PORTER HYBRIDS PH 4419N	46.4			1.3	35.5			17.9		
	*	TRISOY 4184RR(CN)	46.3			1.2	35.8			18.8		
	*	VIGORO V44N9RS	46.2			1.2	36.2			18.4		
	*	CROW'S C4119R	45.5			1.2	36.9			18.3		
	*	PIONEER 94Y20	45.4			1.5	37.3			18.8		
	*	ARMOR 44-K6	45.4			1.1	36.5			18.1		
	*	NK BRAND S43-N6	45.4			1.2	35.5			17.3		
	*	VIGORO V42N9RS	45.3			1.2	35.3			18.4		
	*	SOUTHERN CROSS LOT 4.1 N, RR, STS	45.2			1.2	36.7			18.4		
	*	TRISOY 4586RR(CN)	45.1			1.2	35.5			18.8		
	*	SEED CONSULTANTS SC 9419RR	44.9			1.1	36.0			18.5		
	*	SEED CONSULTANTS SCS 9448RR	44.8			1.5	35.9			18.4		
EXP	*	SEED CONSULTANTS EXP 4242RR	44.6			1.1	36.4			18.3		
	*	TRISOY 4475RR(CN)	44.4			1.3	36.3			18.2		
	*	BECK 445NRR	44.3			1.1	35.5			18.7		
EXP		PROGENY P4508 RR	43.8			1.4	34.6			19.5		
	*	SOUTHERN CROSS JERICHO 4.2 N, RR	43.5			1.1	35.1			18.4		
	*	DYNA-GRO 33A40	43.2			1.4	35.6			19.4		
	*	ASGROW AG4005	43.2			1.0	36.0			18.0		
	*	DAIRYLAND 4300/RR	43.0			1.5	35.1			19.4		
EXP		PROGENY P4408 RR	43.0			1.1	35.7			18.5		
	*	SEED CONSULTANTS SC 9408RR	43.0			1.2	36.0			17.3		
	*	DYNA-GRO 36C44	42.6			1.1	36.1			18.0		
	*	DAIRYLAND 4500/RRSTS	42.4			1.4	35.6			19.3		
~NS	*	SCHILLINGER SEED 448 F.HPC (high protein)	42.3			1.2	41.4			17.0		
	*	L&M GLICK 843RR	41.4			1.6	35.5			19.5		
	*	SEED CONSULTANTS SC 9459RR	41.3			1.5	35.3			18.9		
	*	SEED CONSULTANTS SCS 9409RR	41.1			1.2	37.1			17.8		
~	*	SCHILLINGER SEED 447.TC	41.0			1.3	37.9			17.8		
~NS	*	SCHILLINGER SEED 428 F.HPC (high protein)	40.8			1.4	**41.8**			17.0		
~		STEYER 434	40.1			1.2	36.9			18.4		
~	*	STEYER 410	39.7			1.6	36.2			18.1		
	*	CROW'S C4519R	39.6			1.3	36.6			18.5		
~	*	L&M GLICK 53	39.0			1.6	35.7			18.7		
	*	UNISOUTH GENETICS USG 74C36	38.7			1.7	37.3			17.4		
~	*	SCHILLINGER SEED 435.TCS	38.1			1.1	37.0			18.3		
~NS		SCHILLINGER SEED XP44.TL (low linolenic)	37.3			1.2	35.4			19.5		
~NS		SCHILLINGER SEED 438.TL (low linolenic)	36.9			1.3	35.6			19.0		
		EARLY GROUP IV AVERAGE	43.3	41.3	47.3	1.3	36.2	36.8	36.6	18.5	18.0	18.2
		LSD (0.10)	2.5	3.5	2.6	0.1						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 SORTED BY 07-08 % OIL

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP LATE IV (RELATIVE MG 4.6-4.9)										
	*	TRISOY 4760RR(CN)	41.2	39.0		1.2	32.5	34.1		**21.5**	**20.3**	
	*	SOUTHERN CROSS ELI 4.7 N, RR, STS	41.8	41.7	49.0	1.2	34.0	35.0	34.7	19.8	19.7	**19.7**
	*	STINE 4782-4	43.3	42.0	49.1	1.2	33.5	35.7	35.2	19.9	19.5	19.4
	*	SEED CONSULTANTS SC 9468RR	43.1	41.2		1.2	33.1	34.5		20.1	19.5	
	*	CAVERNDALE CF 470 RR/STSn	43.2	42.4		1.1	34.5	35.5		19.7	19.1	
	*	VIGORO V48N7RS	43.4	42.0		1.1	34.0	34.8		19.5	19.0	
	*	DELTA GROW 4780 RR	41.5	38.8		1.4	35.0	35.8		19.5	18.9	
	*	SOUTHERN CROSS GALILEE 4.7 N, RR	39.9	39.4		1.3	35.3	36.2		19.2	18.9	
		ASGROW AG4903	45.5	42.5	48.0	1.4	36.8	37.2	36.5	19.3	18.7	18.7
	*	ARMOR 47-F8	43.5	42.5		1.1	34.0	35.7		19.3	18.7	
	*	NK BRAND S47-D9	43.8	**45.3**		1.1	34.1	35.8		19.6	18.7	
	*	ASGROW AG4605	42.7	39.1		1.3	34.5	36.1		19.0	18.6	
~P		PENNYRILE (long term check-released 1987)	38.3	35.8		1.5	37.0	38.0		19.1	18.6	
	*	PROGENY P4606 RR	44.4	43.3		1.2	33.7	35.7		19.6	18.5	
	*	SOUTHERN STATES RT 4996N	41.6	40.0	46.0	1.6	36.0	37.5	37.1	19.7	18.4	18.6
	*	SOUTHERN STATES RT 4777N	41.4	42.6	47.9	1.4	35.0	36.3	36.5	19.1	18.4	18.5
EXP	*	DAIRYLAND 47-001/RR	38.1	35.7		1.5	35.4	36.1		18.7	18.4	
		DAIRYLAND 8482/RR	44.4	42.0		1.5	35.8	37.2		18.9	18.3	
	*	ASGROW DKB46-51	46.5	42.2	47.3	1.4	36.4	37.9	37.8	19.1	18.3	18.2
	*	PROGENY P4807 RR	41.9	38.7		1.5	34.7	35.9		19.2	18.3	
	*	HORNBECK HBK R4727	43.3	40.7		1.4	35.0	35.8		19.0	18.2	
	*	PROGENY P4706 RR	41.7	40.5		1.6	35.4	36.9		19.1	18.2	
		PROGENY P4949 RR	40.7	40.4		1.5	35.4	37.6		19.9	18.1	
	*	ARMOR 48-J3	46.1	45.1		1.4	37.4	38.7		18.7	18.1	
	*	DELTA GROW 4770 RR	42.2	41.5		1.6	35.3	37.4		19.0	18.1	
	*	UNISOUTH GENETICS USG 74A76	45.4	42.7	48.0	1.6	35.1	37.2	36.6	19.3	18.0	18.2
	*	HORNBECK HBK R4924	44.1	43.6	48.3	1.6	35.9	37.2	36.4	19.1	18.0	18.2
	*	SOUTHERN STATES RT 4760N	43.6	40.8	46.6	1.7	35.5	37.5	37.6	19.2	18.0	18.0
	*	VIGORO V49N6RR	42.7	42.1	48.2	1.7	36.5	37.8	37.4	19.0	18.0	18.0
	*	DELTA GROW 4970 RR	45.9	40.6	47.2	1.9	36.3	38.1	37.5	18.9	17.9	17.9
		PROGENY P4906 RR	43.1	39.4		1.4	35.2	36.9		18.6	17.9	
		DELTA GROW 4975 LARR	43.2	40.7		1.4	35.8	37.2		18.8	17.7	
	*	SOUTHERN CROSS HIRAM 4.9 N, RR	39.2	38.6		1.4	35.6	36.1		18.9	17.7	
	*	SOUTHERN STATES RT 4808N	44.4	43.9	**49.2**	1.6	35.6	37.0	36.0	19.0	17.6	17.8
	*	SCHILLINGER SEED 495.RC	43.7	41.9	46.6	1.9	36.6	38.2	37.7	18.3	17.6	17.7
~NS		KS4607 (high protein)	36.3	35.3		1.3	**39.4**	39.4		18.4	17.6	
	*	ASGROW AG4703	43.0	41.8	47.4	1.2	37.3	37.9	37.3	17.9	17.3	17.5
	*	NK BRAND S49-Q9	44.0	38.9	46.0	1.8	34.8	36.9	36.6	18.9	17.1	17.3
	*	PIONEER 94M80	39.6	37.0	43.5	1.4	38.4	**39.7**	**38.9**	17.6	17.1	17.4
	*	DELTA GROW 4840 RR	41.1	39.7	44.6	1.7	35.3	36.8	36.7	18.1	16.8	17.4
	*	PIONEER 94Y70	**46.6**			1.7	34.9			19.5		
	*	ASGROW AG4606	46.5			1.4	34.7			21.0		
	*	PROGENY P4908 RR	46.3			1.5	35.2			18.8		
	*	BECK 474NRR	45.7			1.3	37.0			17.8		
	*	VIGORO V47N9RS	45.3			1.3	35.7			19.6		
	*	CROW'S C4820R	45.0			1.3	35.9			19.5		
		DELTA GROW 4870 RR	45.0			1.5	37.2			17.7		
	*	SEED CONSULTANTS SCS 9479RR	45.0			1.4	35.1			19.2		
	*	UNISOUTH GENETICS USG 74G78	45.0			1.1	33.9			19.6		
EXP	*	NK BRAND XR4881	44.8			1.2	34.7			18.6		
	*	SOUTHERN CROSS RUFUS 4.7 N, RR, STS	44.6			1.2	35.6			19.7		
	*	SOUTHERN STATES RT 4888N	44.2			1.4	36.8			18.1		
	*	PROGENY P4918 RR	44.2			1.6	37.4			17.8		
	*	ASGROW AG4907	43.9			1.6	35.3			18.7		
	*	ASGROW AG4705	43.8			2.0	35.7			20.3		
	*	PROGENY P4718 RR	43.4			1.4	37.3			18.0		
	*	STEYER 4620RR	43.2			1.2	35.6			19.7		
	*	PIONEER 94Y90	42.5			1.6	36.3			19.4		
	*	PIONEER 94Y60	42.0			1.2	38.7			17.6		
	*	VIGORO V47N8RR	41.7			1.3	34.8			19.3		
	*	ARMOR ARX4717	41.2			1.2	36.1			19.0		
	*	UNISOUTH GENETICS USG 74T98	40.0			2.2	36.2			18.3		
	*	UNISOUTH GENETICS USG 7484nRR	39.1			1.7	35.7			17.9		
~	*	SCHILLINGER SEED 477.TCS	38.6			1.3	37.9			18.0		
	*	NK BRAND S45-E5	36.9			1.4	36.7			18.7		
	*	SCHILLINGER SEED 478.RCS	36.2			1.5	35.1			18.6		
		LATE GROUP IV AVERAGE	42.8	40.8	47.2	1.4	35.6	36.8	36.9	19.0	18.3	18.1
		LSD (0.10)	2.2	3.8	2.5	0.1						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 SORTED BY 07-08 % OIL

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP V										
	*	DELTA GROW 5160 RR/STS	39.4	37.0	45.0	1.7	36.3	38.5	38.2	**20.1**	**18.8**	**18.6**
	*	PROGENY P5115 RR	38.6	34.9		1.6	35.2	36.0		19.6	18.8	
	*	SOUTHERN CROSS DAMASCUS 5.0 N, RR, STS	38.8	35.2	43.0	1.7	36.3	38.4	38.0	19.7	18.7	**18.6**
	*	DAIRYLAND 8509/RR	42.3	38.0		1.8	36.6	37.8		19.3	18.2	
~		UNISOUTH GENETICS USG 5002T	44.5	40.4	47.1	2.2	36.1	37.5	37.0	18.7	18.1	18.1
	*	STINE 5482-4	40.4	37.7		1.6	36.3	37.2		18.5	18.1	
	*	UNISOUTH GENETICS USG 75J47	38.5	37.5		1.9	37.5	37.8		18.0	17.7	
~		UNISOUTH GENETICS USG 5601T	42.7	**41.0**	**47.8**	2.1	37.3	38.5	38.3	18.4	17.6	17.3
~P		TEEJAY	43.1	40.3	46.0	1.8	35.8	37.7	37.0	18.4	17.5	17.6
	*	SOUTHERN STATES RT 5540N	36.6	35.2	41.6	2.4	38.8	39.4	38.5	18.1	17.5	17.7
		UNISOUTH GENETICS USG ALLEN	36.6	35.0	42.9	2.0	37.2	38.2	37.6	17.9	17.5	17.2
~P		ESSEX (long term check-released 1974)	37.5	35.2		2.0	38.3	**39.9**		18.0	17.4	
	*	PROGENY P5107 RR	37.5	32.1		2.1	36.5	38.5		18.4	17.3	
	*	SOUTHERN STATES RT 5160N	36.9	36.3	42.7	2.0	37.4	38.0	37.1	17.4	17.2	17.5
~P		JAKE	37.8	36.9	43.3	1.6	38.2	38.0	37.2	17.0	17.2	17.4
	*	UNISOUTH GENETICS USG 75J32	37.1	34.9	42.4	1.9	37.1	38.6	37.9	18.3	17.1	17.3
	*	DELTA GROW 5470 RR	35.9	34.6		1.6	37.6	38.6		17.4	17.1	
	*	DELTA KING DK52K6	35.7	36.5	43.6	2.4	**39.1**	39.7	**39.0**	17.3	17.0	17.2
	*	DELTA GROW 5300 RR	38.8	36.1		2.3	37.3	38.4		17.5	16.6	
~P	*	KS5004N	**45.8**			2.1	35.8			19.0		
	*	DELTA GROW 5170 RR	41.8			1.1	35.1			19.1		
	*	ARMOR 53-Z5	40.7			1.8	37.2			18.0		
	*	PROGENY P5408 RR	40.6			2.0	37.5			17.8		
~P		V98-2711	39.8			2.3	38.3			18.0		
	*	SCHILLINGER SEED 557.RC	39.8			1.9	37.3			17.7		
	*	PROGENY P5208 RR	38.9			1.5	36.7			18.7		
	*	PROGENY P5218 RR	38.4			2.7	36.8			18.4		
	*	PROGENY P5108 RR	38.2			1.5	37.8			18.2		
EXP-NS		V01-1702 (3.5% linolenic)	37.8			1.8	36.6			19.4		
	*	PROGENY P5308 RR	37.7			1.7	37.1			18.4		
EXP-NS		V01-1693 (3.5% linolenic)	37.3			1.9	36.7			18.7		
	*	PIONEER 95Y20	37.0			1.8	36.1			18.4		
	*	DAIRYLAND 8512/RR	36.9			1.6	37.7			18.5		
	*	DELTA GROW 5450 RR	36.1			1.8	37.6			17.4		
~		PROGENY P5770	36.0			2.7	37.1			18.6		
~		HORNBECK HBK C4926	33.8			1.6	36.5			18.7		
		GROUP V AVERAGE	38.8	36.6	44.1	1.9	37.0	38.2	37.8	18.4	17.6	17.7
		LSD (0.10)	1.8	3.5	2.7	0.2						
		GRAND MEAN	42.2	40.1	46.1	1.5	36.3	37.1	37.1	18.6	18.1	18.1

~ Variety is not Roundup Ready. All varieties without a tilda (~) prefix are Roundup Ready.

* Resistant to soybean cyst nematode. See Table 3. Company Disease Resistance Specifications for details.

P Entries with a P prefix are public varieties.

NS Entries with a NS prefix are novel soybean varieties that are emerging from both the public and private sectors. Some of these value-added soybean types will supply relatively small market niches, while others may be of much broader market value. Testing novel soybeans will enable producers to assess whether premiums for a given trait offset possible yield lag/drag.

EXP Entries with an EXP prefix are varieties that are still under development or soon to be released.

A Within a maturity group, shaded yields are not significantly different (0.10 level) from the highest yielding cultivar (bold data) of that maturity group and year column.

B Variety protein and oil concentration was determined at the Hancock Co. location (all test locations for NS entries) and expressed on the basis of 13% moisture. The 2008 data were provided by the University of Kentucky using near-infrared (NIR) analysis. The 2007 and 2006 data were provided by the Iowa State University Grain Quality Analysis Services using near-infrared (NIR) analysis.

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 SORTED BY 06-08 % OIL

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A]			LODGING	% PROTEIN[B]			% OIL[B]		
			2008	07-08	06-08	2008	2008	07-08	06-08	2008	07-08	06-08
												sort
		MATURITY GROUP II-III (RELATIVE MG 2.7-3.9)										
	*	ASGROW AG3906	41.8	40.8	47.0	1.1	36.2	36.3	36.5	18.8	18.6	**18.9**
		SOUTHERN STATES RT 3860	41.7	40.4	46.4	1.1	35.0	35.8	35.9	18.9	18.4	18.7
~NS		IA3027 (large seed, high protein)	38.3	32.6	33.7	1.2	39.0	39.4	39.3	18.3	18.4	18.6
	*	EBBERTS 1386RR	41.2	38.2	45.3	1.6	36.2	36.6	36.7	18.5	18.2	18.5
	*	SEED CONSULTANTS SC 9386RR	39.8	38.4	44.8	2.1	36.4	37.0	37.6	18.2	18.0	18.3
	*	ASGROW AG3705	42.5	41.7	**48.2**	1.1	34.9	35.4	35.6	18.3	17.8	18.2
	*	EBBERTS 1365RR	43.3	43.2	46.8	1.7	**39.2**	**39.6**	**39.8**	16.9	16.7	16.8
	*	SEED CONSULTANTS SCS 9398RR	**47.7**			1.6	36.8			18.8		
	*	ARMOR ARX938	47.6			1.5	35.6			18.0		
	*	NK BRAND S39-A3	47.2	**44.3**		1.5	34.6	35.2		18.5	18.1	
	*	PIONEER 93Y20	46.7			1.9	36.6			19.1		
	*	SOUTHERN STATES RT 3871N	46.6	42.2		1.3	35.9	36.7		19.3	18.6	
	*	NK BRAND S37-P5	46.2	42.9		1.7	35.6	35.9		18.2	18.3	
	*	ASGROW AG3803	46.1	43.9		1.3	36.9	36.9		18.3	18.2	
~	*	EBBERTS 3386	46.0	42.1		1.7	36.7	37.3		18.5	18.0	
	*	NK BRAND S38-D5	45.6	42.2		1.4	35.8	36.3		17.7	17.1	
	*	SOUTHERN CROSS LUCAS 3.8 N, RR	45.6	42.4		1.4	36.7	37.4		17.5	17.1	
	*	PROGENY P3906 RR	45.6			1.5	37.4			18.4		
	*	SOUTHERN STATES RT 3971N	44.9	42.7		1.2	36.4	37.1		17.5	17.3	
		HORNBECK HBK R3927	44.8	41.5		2.4	38.3	39.0		19.1	18.6	
	*	VIGORO V37N8RR	44.8			1.1	36.2			17.9		
NS		ASGROW AG36-22V (low linolenic)	44.5			1.1	35.7			19.0		
	*	BECK 399NRR	44.4	42.1		1.2	36.9	37.3		18.0	17.1	
	*	SEED CONSULTANTS SC 9389RR	43.9			1.3	36.2			17.9		
	*	DYNA-GRO 32X39	43.6			1.3	36.7			17.6		
~	*	PORTER HYBRIDS PH 4385N	43.6			1.7	35.4			18.0		
~		PIONEER 93B82	43.1	39.8		1.8	37.6	37.6		18.5	18.5	
	*	EBBERTS 1378RR	43.1	41.9		1.4	36.7	37.8		17.7	17.2	
NS	*	ASGROW AG3121V (low linolenic)	42.8	41.3		1.7	37.0	37.0		18.5	18.2	
	*	ASGROW AG3603	42.7	41.1		1.1	37.1	37.6		17.8	17.4	
	*	BECK 364NRR	42.4			1.4	36.7			17.6		
~NS		IA3026 (low saturates)	42.2			1.9	34.7			19.3		
NS	*	ASGROW AG35-21V (low linolenic)	41.9	40.2		1.2	35.9	36.0		19.1	18.7	
	*	ARMOR 38-G2	41.7			1.5	37.1			17.5		
	*	CROW'S C3916R	41.7	41.6		1.2	37.3	37.8		17.8	17.5	
~	*	PORTER HYBRIDS PH 4360N	41.6			1.5	36.6			18.0		
~NS	*	SCHILLINGER SEED 397.TCL (low linolenic)	41.6	39.3		1.1	37.6	37.5		19.5	19.2	
NS	*	ASGROW AG2921V (low linolenic)	41.2	38.7		1.0	35.5	36.1		**19.8**	19.4	
	*	VIGORO V39N9RR	41.0			1.3	35.3			18.9		
NS		ASGROW DKB31-22V (low linolenic)	39.7			1.1	36.5			18.7		
NS		DAIRYLAND DST37-000-UL (low linolenic)	39.7			1.7	36.8			18.5		
~NS		IA3024 (low linolenic)	39.5	38.7		1.6	35.7	35.2		19.5	19.4	
NS		DAIRYLAND DST37-001-UL (low linolenic)	39.0			1.8	37.4			18.2		
~		SEED CONSULTANT SC 388	38.5			1.6	38.0			18.1		
NS	*	ASGROW AG2822V (low linolenic)	37.9	38.9		1.3	36.9	37.2		19.7	**19.7**	
~NS		IA3036 (mid oleic)	36.4			1.8	38.1			18.2		
~NS		IA3041 (low linolenic)	35.9			1.5	36.5			18.4		
~NS		IA3025 (low linolenic)	32.8	28.7		1.5	36.7	36.9		19.2	18.9	
		GROUP III AVERAGE	42.5	40.4	44.6	1.4	36.6	37.0	37.3	18.4	18.1	18.3
		LSD (0.10)	2.2	3.3	2.8	0.2						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 — SORTED BY 06-08 % OIL

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP EARLY IV (RELATIVE MG 4.0-4.5)										
	*	CAVERNDALE CF 422 RR/STSn	46.6	43.7	**49.4**	1.1	36.8	37.4	36.9	18.9	18.4	**18.7**
	*	BECK 422NRR	42.7	41.8	48.0	1.3	35.9	36.4	36.6	19.3	18.5	**18.7**
	*	PIONEER 94M50	42.4	43.1	48.8	1.2	36.2	35.9	36.4	19.2	18.4	18.5
	*	ASGROW DKB42-51	41.5	40.3	47.1	1.3	33.7	34.2	34.7	19.3	18.3	18.3
	*	SOUTHERN STATES RT 4551N	43.6	40.0	45.8	1.6	35.2	37.1	**37.6**	19.3	18.2	18.2
	*	DELTA GROW 4460 RR	45.4	41.0	46.6	1.7	35.2	36.5	36.4	18.9	17.9	18.1
	*	ASGROW AG4404	41.3	39.1	46.0	1.3	37.0	37.0	36.9	18.5	17.7	18.0
	*	SOUTHERN STATES RT 4451N	42.6	40.8	46.1	1.4	36.7	36.6	36.3	17.9	17.6	17.8
	*	DELTA GROW 4150 RR	45.1	41.6	48.2	1.3	36.2	37.3	37.3	18.3	17.5	17.7
~	*	SOUTHERN CROSS BENJAMIN 4.3 N	**48.0**			1.2	34.6			19.1		
	*	ASGROW AG4303	47.5			1.2	35.6			18.7		
	*	PIONEER 94Y01	47.2			1.6	34.5			19.4		
	*	ARMOR 42-M1	46.7			1.1	37.2			17.6		
~	*	PORTER HYBRIDS PH 4419N	46.4			1.3	35.5			17.9		
	*	CAVERNDALE CF 447 RR/STSn	46.4	**44.6**		1.1	35.6	36.2		18.9	18.5	
	*	CAVERNDALE CF 410 RR/STSn	46.4	43.7		1.1	36.8	37.5		17.8	16.9	
	*	NK BRAND S44-D5	46.3	44.2		1.4	35.7	36.4		18.3	17.7	
	*	TRISOY 4184RR(CN)	46.3			1.2	35.8			18.8		
	*	VIGORO V44N9RS	46.2			1.2	36.2			18.4		
	*	PROGENY P4206 RR	45.6	44.0		1.3	36.3	36.5		18.7	18.6	
	*	CROW'S C4119R	45.5			1.2	36.9			18.3		
	*	PIONEER 94Y20	45.4			1.5	37.3			18.8		
	*	ARMOR 44-K6	45.4			1.1	36.5			18.1		
	*	NK BRAND S43-N6	45.4			1.2	35.5			17.3		
	*	VIGORO V42N9RS	45.3			1.2	35.3			18.4		
	*	SOUTHERN STATES RT 4470N	45.2	44.0		1.1	36.2	36.3		18.3	18.3	
	*	SOUTHERN CROSS LOT 4.1 N, RR, STS	45.2			1.2	36.7			18.4		
	*	DYNA-GRO 35D44	45.1	42.4		1.3	36.5	37.5		19.1	18.1	
	*	TRISOY 4586RR(CN)	45.1			1.2	35.5			18.8		
	*	DELTA GROW 4470 RR/STS	45.0	42.0		1.4	34.9	35.7		19.2	18.7	
	*	SEED CONSULTANTS SC 9419RR	44.9			1.1	36.0			18.5		
	*	SEED CONSULTANTS SCS 9448RR	44.8			1.5	35.9			18.4		
EXP	*	SEED CONSULTANTS EXP 4242RR	44.6			1.1	36.4			18.3		
	*	TRISOY 4475RR(CN)	44.4			1.3	36.3			18.2		
	*	BECK 445NRR	44.3			1.1	35.5			18.7		
	*	SOUTHERN CROSS CALEB 4.4 N, RR, STS	44.2	41.2		1.1	36.2	36.1		18.8	18.4	
	*	STEYER 4430RR	44.1	42.9		1.3	35.1	35.9		18.9	18.7	
EXP		PROGENY P4508 RR	43.8			1.4	34.6			19.5		
	*	SOUTHERN CROSS JERICHO 4.2 N, RR	43.5			1.1	35.1			18.4		
	*	DYNA-GRO 38C42	43.4	42.5		1.1	36.1	36.7		19.1	18.5	
	*	SOUTHERN STATES RT 4370N	43.3	39.0		1.8	35.7	36.1		**19.6**	18.7	
	*	DYNA-GRO 33A40	43.2			1.4	35.6			19.4		
	*	ASGROW AG4005	43.2			1.0	36.0			18.0		
	*	DAIRYLAND 4300/RR	43.0			1.5	35.1			19.4		
EXP		PROGENY P4408 RR	43.0			1.1	35.7			18.5		
	*	SEED CONSULTANTS SC 9408RR	43.0			1.2	36.0			17.3		
	*	DYNA-GRO 36C44	42.6			1.1	36.1			18.0		
	*	SCHILLINGER SEED 457.RCP	42.4	38.8		1.9	35.3	36.3		18.9	18.2	
	*	DAIRYLAND 4500/RRSTS	42.4			1.4	35.6			19.3		
~NS	*	SCHILLINGER SEED 448 F.HPC (high protein)	42.3			1.2	41.4			17.0		
	*	STEYER 4040RR	41.9	43.0		1.6	37.3	37.7		18.7	18.1	
	*	PROGENY P4405 RR	41.5	38.3		1.7	35.8	37.1		18.1	17.2	
	*	L&M GLICK 843RR	41.4			1.6	35.5			19.5		
	*	SEED CONSULTANTS SC 9459RR	41.3			1.5	35.3			18.9		
		HORNBECK HBK R4527	41.1	36.2		1.8	37.2	38.6		18.2	17.3	
	*	SEED CONSULTANTS SCS 9409RR	41.1			1.2	37.1			17.8		
~	*	SCHILLINGER SEED 447.TC	41.0			1.3	37.9			17.8		
	*	VIGORO V40N8RS	40.9	40.3		1.3	35.8	36.8		19.5	**19.0**	
~NS	*	SCHILLINGER SEED 428 F.HPC (high protein)	40.8			1.4	**41.8**			17.0		
~		STEYER 434	40.1			1.2	36.9			18.4		
~	*	STEYER 410	39.7			1.6	36.2			18.1		
	*	CROW'S C4519R	39.6			1.3	36.6			18.5		
~	*	L&M GLICK 53	39.0			1.6	35.7			18.7		
	*	UNISOUTH GENETICS USG 74C36	38.7			1.7	37.3			17.4		
~	*	SCHILLINGER SEED 435.TCS	38.1			1.1	37.0			18.3		
~NS		SCHILLINGER SEED 446 F.HP (high protein)	37.7	35.4		1.2	39.5	**40.7**		16.7	15.5	
~NS		SCHILLINGER SEED XP44.TL (low linolenic)	37.3			1.2	35.4			19.5		
~NS		SCHILLINGER SEED 438.TL (low linolenic)	36.9			1.3	35.6			19.0		
		EARLY GROUP IV AVERAGE	43.3	41.3	47.3	1.3	36.2	36.8	36.6	18.5	18.0	18.2
		LSD (0.10)	2.5	3.5	2.6	0.1						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 SORTED BY 06-08 % OIL

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP LATE IV (RELATIVE MG 4.6-4.9)										
	*	SOUTHERN CROSS ELI 4.7 N, RR, STS	41.8	41.7	49.0	1.2	34.0	35.0	34.7	19.8	19.7	**19.7**
	*	STINE 4782-4	43.3	42.0	49.1	1.2	33.5	35.7	35.2	19.9	19.5	19.4
		ASGROW AG4903	45.5	42.5	48.0	1.4	36.8	37.2	36.5	19.3	18.7	18.7
	*	SOUTHERN STATES RT 4996N	41.6	40.0	46.0	1.6	36.0	37.5	37.1	19.7	18.4	18.6
	*	SOUTHERN STATES RT 4777N	41.4	42.6	47.9	1.4	35.0	36.3	36.5	19.1	18.4	18.5
	*	UNISOUTH GENETICS USG 74A76	45.4	42.7	48.0	1.6	35.1	37.2	36.6	19.3	18.0	18.2
	*	ASGROW DKB46-51	46.5	42.2	47.3	1.4	36.4	37.9	37.8	19.1	18.3	18.2
	*	HORNBECK HBK R4924	44.1	43.6	48.3	1.6	35.9	37.2	36.4	19.1	18.0	18.2
	*	SOUTHERN STATES RT 4760N	43.6	40.8	46.6	1.7	35.5	37.5	37.6	19.2	18.0	18.0
	*	VIGORO V49N6RR	42.7	42.1	48.2	1.7	36.5	37.8	37.4	19.0	18.0	18.0
	*	DELTA GROW 4970 RR	45.9	40.6	47.2	1.9	36.3	38.1	37.5	18.9	17.9	17.9
	*	SOUTHERN STATES RT 4808N	44.4	43.9	**49.2**	1.6	35.6	37.0	36.0	19.0	17.6	17.8
	*	SCHILLINGER SEED 495.RC	43.7	41.9	46.6	1.9	36.6	38.2	37.7	18.3	17.6	17.7
	*	ASGROW AG4703	43.0	41.8	47.4	1.2	37.3	37.9	37.3	17.9	17.3	17.5
	*	PIONEER 94M80	39.6	37.0	43.5	1.4	38.4	**39.7**	**38.9**	17.6	17.1	17.4
	*	DELTA GROW 4840 RR	41.1	39.7	44.6	1.7	35.3	36.8	36.7	18.1	16.8	17.4
	*	NK BRAND S49-Q9	44.0	38.9	46.0	1.8	34.8	36.9	36.6	18.9	17.1	17.3
	*	PIONEER 94Y70	**46.6**			1.7	34.9			19.5		
	*	ASGROW AG4606	46.5			1.4	34.7			21.0		
	*	PROGENY P4908 RR	46.3			1.5	35.2			18.8		
	*	ARMOR 48-J3	46.1	45.1		1.4	37.4	38.7		18.7	18.1	
	*	BECK 474NRR	45.7			1.3	37.0			17.8		
	*	VIGORO V47N9RS	45.3			1.3	35.7			19.6		
	*	CROW'S C4820R	45.0			1.3	35.9			19.5		
		DELTA GROW 4870 RR	45.0			1.5	37.2			17.7		
	*	SEED CONSULTANTS SCS 9479RR	45.0			1.4	35.1			19.2		
	*	UNISOUTH GENETICS USG 74G78	45.0			1.1	33.9			19.6		
EXP	*	NK BRAND XR4881	44.8			1.2	34.7			18.6		
	*	SOUTHERN CROSS RUFUS 4.7 N, RR, STS	44.6			1.2	35.6			19.7		
	*	PROGENY P4606 RR	44.4	43.3		1.2	33.7	35.7		19.6	18.5	
		DAIRYLAND 8482/RR	44.4	42.0		1.5	35.8	37.2		18.9	18.3	
	*	SOUTHERN STATES RT 4888N	44.2			1.4	36.8			18.1		
	*	PROGENY P4918 RR	44.2			1.6	37.4			17.8		
	*	ASGROW AG4907	43.9			1.6	35.3			18.7		
	*	ASGROW AG4705	43.8			2.0	35.7			20.3		
	*	NK BRAND S47-D9	43.8	**45.3**		1.1	34.1	35.8		19.6	18.7	
	*	ARMOR 47-F8	43.5	42.5		1.1	34.0	35.7		19.3	18.7	
	*	VIGORO V48N7RS	43.4	42.0		1.1	34.0	34.8		19.5	19.0	
	*	PROGENY P4718 RR	43.4			1.4	37.3			18.0		
	*	HORNBECK HBK R4727	43.3	40.7		1.4	35.0	35.8		19.0	18.2	
	*	CAVERNDALE CF 470 RR/STSn	43.2	42.4		1.1	34.5	35.5		19.7	19.1	
		DELTA GROW 4975 LARR	43.2	40.7		1.4	35.8	37.2		18.8	17.7	
	*	STEYER 4620RR	43.2			1.2	35.6			19.7		
		PROGENY P4906 RR	43.1	39.4		1.4	35.2	36.9		18.6	17.9	
	*	SEED CONSULTANTS SC 9468RR	43.1	41.2		1.2	33.1	34.5		20.1	19.5	
	*	ASGROW AG4605	42.7	39.1		1.3	34.5	36.1		19.0	18.6	
	*	PIONEER 94Y90	42.5			1.6	36.3			19.4		
	*	DELTA GROW 4770 RR	42.2	41.5		1.6	35.3	37.4		19.0	18.1	
	*	PIONEER 94Y60	42.0			1.2	38.7			17.6		
	*	PROGENY P4807 RR	41.9	38.7		1.5	34.7	35.9		19.2	18.3	
	*	PROGENY P4706 RR	41.7	40.5		1.6	35.4	36.9		19.1	18.2	
	*	VIGORO V47N8RR	41.7			1.3	34.8			19.3		
	*	DELTA GROW 4780 RR	41.5	38.8		1.4	35.0	35.8		19.5	18.9	
	*	ARMOR ARX4717	41.2			1.2	36.1			19.0		
	*	TRISOY 4760RR(CN)	41.2	39.0		1.2	32.5	34.1		**21.5**	**20.3**	
		PROGENY P4949 RR	40.7	40.4		1.5	35.4	37.6		19.9	18.1	
	*	UNISOUTH GENETICS USG 74T98	40.0			2.2	36.2			18.3		
	*	SOUTHERN CROSS GALILEE 4.7 N, RR	39.9	39.4		1.3	35.3	36.2		19.2	18.9	
	*	SOUTHERN CROSS HIRAM 4.9 N, RR	39.2	38.6		1.4	35.6	36.1		18.9	17.7	
	*	UNISOUTH GENETICS USG 7484nRR	39.1			1.7	35.7			17.9		
~	*	SCHILLINGER SEED 477.TCS	38.6			1.3	37.9			18.0		
~P		PENNYRILE (long term check-released 1987)	38.3	35.8		1.5	37.0	38.0		19.1	18.6	
EXP	*	DAIRYLAND 47-001/RR	38.1	35.7		1.5	35.4	36.1		18.7	18.4	
	*	NK BRAND S45-E5	36.9			1.4	36.7			18.7		
~NS		KS4607 (high protein)	36.3	35.3		1.3	**39.4**	39.4		18.4	17.6	
	*	SCHILLINGER SEED 478.RCS	36.2			1.5	35.1			18.6		
		LATE GROUP IV AVERAGE	42.8	40.8	47.2	1.4	35.6	36.8	36.9	19.0	18.3	18.1
		LSD (0.10)	2.2	3.8	2.5	0.1						

TABLE 4. 2008 SUMMARY: VARIETY TEST TABLES 5-9 SORTED BY 06-08 % OIL

TYPE		BRAND -- VARIETY	YIELD (BU/AC)[A] 2008	YIELD (BU/AC)[A] 07-08	YIELD (BU/AC)[A] 06-08	LODGING 2008	% PROTEIN[B] 2008	% PROTEIN[B] 07-08	% PROTEIN[B] 06-08	% OIL[B] 2008	% OIL[B] 07-08	% OIL[B] 06-08
		MATURITY GROUP V										
	*	DELTA GROW 5160 RR/STS	39.4	37.0	45.0	1.7	36.3	38.5	38.2	**20.1**	**18.8**	**18.6**
	*	SOUTHERN CROSS DAMASCUS 5.0 N, RR, STS	38.8	35.2	43.0	1.7	36.3	38.4	38.0	19.7	18.7	**18.6**
~		UNISOUTH GENETICS USG 5002T	44.5	40.4	47.1	2.2	36.1	37.5	37.0	18.7	18.1	18.1
	*	SOUTHERN STATES RT 5540N	36.6	35.2	41.6	2.4	38.8	39.4	38.5	18.1	17.5	17.7
~P		TEEJAY	43.1	40.3	46.0	1.8	35.8	37.7	37.0	18.4	17.5	17.6
	*	SOUTHERN STATES RT 5160N	36.9	36.3	42.7	2.0	37.4	38.0	37.1	17.4	17.2	17.5
~P		JAKE	37.8	36.9	43.3	1.6	38.2	38.0	37.2	17.0	17.2	17.4
	*	UNISOUTH GENETICS USG 75J32	37.1	34.9	42.4	1.9	37.1	38.6	37.9	18.3	17.1	17.3
~		UNISOUTH GENETICS USG 5601T	42.7	**41.0**	**47.8**	2.1	37.3	38.5	38.3	18.4	17.6	17.3
		UNISOUTH GENETICS USG ALLEN	36.6	35.0	42.9	2.0	37.2	38.2	37.6	17.9	17.5	17.2
	*	DELTA KING DK52K6	35.7	36.5	43.6	2.4	**39.1**	39.7	**39.0**	17.3	17.0	17.2
~P	*	KS5004N	**45.8**			2.1	35.8			19.0		
	*	DAIRYLAND 8509/RR	42.3	38.0		1.8	36.6	37.8		19.3	18.2	
	*	DELTA GROW 5170 RR	41.8			1.1	35.1			19.1		
	*	ARMOR 53-Z5	40.7			1.8	37.2			18.0		
	*	PROGENY P5408 RR	40.6			2.0	37.5			17.8		
	*	STINE 5482-4	40.4	37.7		1.6	36.3	37.2		18.5	18.1	
~P		V98-2711	39.8			2.3	38.3			18.0		
	*	SCHILLINGER SEED 557.RC	39.8			1.9	37.3			17.7		
	*	PROGENY P5208 RR	38.9			1.5	36.7			18.7		
	*	DELTA GROW 5300 RR	38.8	36.1		2.3	37.3	38.4		17.5	16.6	
	*	PROGENY P5115 RR	38.6	34.9		1.6	35.2	36.0		19.6	18.8	
	*	UNISOUTH GENETICS USG 75J47	38.5	37.5		1.9	37.5	37.8		18.0	17.7	
	*	PROGENY P5218 RR	38.4			2.7	36.8			18.4		
	*	PROGENY P5108 RR	38.2			1.5	37.8			18.2		
EXP-NS		V01-1702 (3.5% linolenic)	37.8			1.8	36.6			19.4		
	*	PROGENY P5308 RR	37.7			1.7	37.1			18.4		
~P		ESSEX (long term check-released 1974)	37.5	35.2		2.0	38.3	**39.9**		18.0	17.4	
	*	PROGENY P5107 RR	37.5	32.1		2.1	36.5	38.5		18.4	17.3	
EXP-NS		V01-1693 (3.5% linolenic)	37.3			1.9	36.7			18.7		
	*	PIONEER 95Y20	37.0			1.8	36.1			18.4		
	*	DAIRYLAND 8512/RR	36.9			1.6	37.7			18.5		
	*	DELTA GROW 5450 RR	36.1			1.8	37.6			17.4		
~		PROGENY P5770	36.0			2.7	37.1			18.6		
	*	DELTA GROW 5470 RR	35.9	34.6		1.6	37.6	38.6		17.4	17.1	
~		HORNBECK HBK C4926	33.8			1.6	36.5			18.7		
		GROUP V AVERAGE	38.8	36.6	44.1	1.9	37.0	38.2	37.8	18.4	17.6	17.7
		LSD (0.10)	1.8	3.5	2.7	0.2						
		GRAND MEAN	42.2	40.1	46.1	1.5	36.3	37.1	37.1	18.6	18.1	18.1

~ Variety is not Roundup Ready. All varieties without a tilda (~) prefix are Roundup Ready.

* Resistant to soybean cyst nematode. See Table 3. Company Disease Resistance Specifications for details.

P Entries with a P prefix are public varieties.

NS Entries with a NS prefix are novel soybean varieties that are emerging from both the public and private sectors. Some of these value-added soybean types will supply relatively small market niches, while others may be of much broader market value. Testing novel soybeans will enable producers to assess whether premiums for a given trait offset possible yield lag/drag.

EXP Entries with an EXP prefix are varieties that are still under development or soon to be released.

A Within a maturity group, shaded yields are not significantly different (0.10 level) from the highest yielding cultivar (bold data) of that maturity group and year column.

B Variety protein and oil concentration was determined at the Hancock Co. location (all test locations for NS entries) and expressed on the basis of 13% moisture. The 2008 data were provided by the University of Kentucky using near-infrared (NIR) analysis. The 2007 and 2006 data were provided by the Iowa State University Grain Quality Analysis Services using near-infrared (NIR) analysis.

BACK TO
WEB SITE FEATURES
PAGE 1

Memorandum

Date: November, 2008

TO: Soybean Seed Producers

FROM: Eugene Lacefield, Research Specialist

SUBJECT: 2009 Kentucky Soybean Performance Tests

The Kentucky Soybean Performance Tests are conducted to provide an unbiased, objective estimate of the relative performance of soybean varieties in Kentucky. If you have soybean varieties for sale in Kentucky and would like to enter them in the state trials, please read the following pages carefully. Fill out the nomination form completely (typing prevents errors) and note that it is due back by February 20. You will be notified in early March which entries are accepted for testing (usually all entries). Instructions will then be sent for shipping seed. After all tests have been planted, a statement of fees will be sent along with instructions for remittance of fees.

DO NOT SEND CHECK FOR FEE UNTIL YOU HAVE BEEN BILLED.

This publication web site is http://www.uky.edu/Ag/GrainCrops/varietytesting.htm Pages 1–28 are the printed publication. 5000 copies are distributed across Kentucky annually in December or late November. Pages after page 28 comprise web site additions which feature column headers that will sort the summary table by each column header---for example, by variety name. Also available is this cover memo, an interactive nomination form, and instructions for entering soybean varieties in the 2009 tests.

If, due to rapid changes in the agriculture industry, this memorandum has not reached the correct contact person please forward or e-mail me the correct information. Thank you for participating in the Soybean Variety Test Program and for being interested in marketing tested varieties in Kentucky. Your involvement helps all the soybean producers of Kentucky.

If you have any questions or would like additional information, call, write, or e-mail:

Eugene Lacefield
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BACK TO
WEB SITE FEATURES
PAGE 1

KENTUCKY SOYBEAN PERFORMANCE TESTS

Purpose

The soybean performance tests are conducted annually by the Kentucky Agricultural Experiment Station and are designed as a direct service and benefit to agriculture in the state of Kentucky. Results of these tests are published to provide information to producers and seedsmen on the relative performance of soybean varieties offered for sale in the state of Kentucky.

Eligibility for variety nomination

Seed companies and producers of soybean seed to be sold or offered for sale in Kentucky and the Kentucky Agricultural Experiment Station may nominate varieties for the soybean testing program. Exceptions will be made for novel soybeans and experimental entries.

Requirements for nomination and testing

1. Named soybean varieties within maturity groups late II, III, IV and V will be tested.

2. Named varieties offered for sale or sold in the state of Kentucky during the test year or following year are eligible for nomination for testing as indicated by specifying the market outlet in Kentucky. Some experimental lines will be tested and the data will be published. The experimental data will enable 2 and 3 year data to be provided for new named varieties offered for sale in Kentucky the following year.

3. Entries must meet the standards for a variety as defined by the U S Federal Seed Act and the Plant Variety Protection Act if it is a protected variety.

4. Entries must comply with the Kentucky State Seed Law.

   All entries (except experimental and novel soybeans) in the Kentucky soybean performance test must be identified by the name(s) required to be on the seed tag or label by the Kentucky Seed Law, i.e., listed in the manner by which the seed will be sold or offered for sale in Kentucky. The law requires the variety designation whether name, or number, or combination of both. Use of a brand name or trademark is not acceptable unless it is clearly identified as being other than a part of the variety designation. A brand name or trademark can never be used instead of the variety.

   Examples of proper identification of entries on the nomination form are:

   A. Without a brand name - Bountiful (Soybean)

   B. With a brand name - Ajax Brand Bountiful (Soybean)

   This complete designation, brand and variety name will be published in the performance bulletin. Experimentals (not published) will have an EXP prefix – example: EXP Ajax Brand etc. Novel entries will have a NS prefix.

5. Brands representing a single variety are not eligible for testing if the variety in question is already represented.

6. Nomination forms must be completely filled out.

BACK TO
LIST OF TABLES
PAGE 1

Requirements for nomination and testing (continued)

7. All nominations accepted for testing will be placed in the conventional full season tests and evaluated at five locations.
8. A fee of $420 per entry will be required for each entry accepted for testing. Selected novel soybeans such as high protein, high oil, natto, tofu, and other value-added types will be tested for free (please provide a description on a separate sheet of paper).
9. The nominating organization will supply 10 pounds of seed of entries accepted for testing by March 15 (shipping address at bottom of page). **No insecticide treated seed will be accepted.**
10. Nominated entries that are dropped by the nominating company after March 15 will be charged the full entry fee for non-used space in the test. A replacement variety may be provided after March 15 by special request.

Selection Procedure

1. The size of the tests will be approximately 200 entries. Approximately 20 test slots will be used for standard public varieties, experimentals, and new public releases, 20 test slots will be used for novel soybean varieties, and 160 test slots for private entries.
2. Organizations will nominate entries. List the entries on the nomination form in order of priority with the highest priority first and the lowest priority last. Experimental entries will have the lowest priority and should have a "EXP" prefix – example: EXP AJAX BRAND ZTQ 445RR.
3. Nominations of equal priority from each organization will be entered in the test until all test slots are filled. If more eligible nominations are received than the size limit of the test, a random drawing of equal priority nominations may be used to select the entries to fill the test slots. In the past all nominations have been accepted except experimental and novel soybeans.
4. Standard public varieties and new publicly released varieties will be entered by the Kentucky Agricultural Experiment Station.
5. To assure that the needs of agriculture in the state of Kentucky are met, the Kentucky Agricultural Experiment Station may revise the list of entries to compensate for obvious deficiencies of varieties of soybeans being grown by farmers in Kentucky.

Important dates

Nominating forms and instructions (available at publication web site-see below: **Pub. of results**) will be mailed in mid-January. The nomination forms must be returned by February 20. Notification of nominations accepted for testing and instructions for seed shipment will be mailed the first week of March. Ten pounds of seed of nominations accepted for testing must be sent to the University of Kentucky by March 15. The Kentucky Agricultural Experiment Station reserves the right to sample seed for testing from marketing outlets in Kentucky. Failure to meet the stated deadlines may eliminate a nomination from the test. Instructions for the remittance of fees and a statement of fees will be sent in early July after all tests have been planted. Payment will be due ten days after receipt of the billing. Mail forms and ship seed to:

Eugene Lacefield
Department of Plant and Soil Sciences
N-122 Ag. Science Center North
University of Kentucky
Lexington, KY 40546-0091

Phone & Fax: (859) 257-2993

E-mail: elace0@uky.edu

Testing methods

The tests will sample a range of environments of the soybean producing areas of the state of Kentucky. The number of tests, type, and specific locations may vary from year to year. In 2009 there will be five full season conventional tests. Entries will be replicated 2 times in each test.

Six row plots will be 20 feet long with a row spacing of 16 inches. All entries will be planted at a seeding rate of 5-6 viable seeds per foot of row unless specific requests are attached to the nominating form. Correction for germination will be made provided the percent germination is listed on the nomination form. If no germination percentage is listed, it will be assumed to be 85%.

Cultural practices recommended by the University of Kentucky will be used. Procedures used for planting, weed control and harvesting will be similar to those used in actual commercial production of conventional soybeans. Plots will be end-trimmed to 16 feet. A small combine will be used for harvesting the center 4 rows from the 6-row plots.

Data to be collected at all tests will be grain yield and lodging score. Maturity date and plant height will be taken at the Fayette County (Lexington) location. Other observations (such as seed shattering scores, hail damage, pest information, % protein/oil etc.) may be taken if warranted.

For detailed information see the University of Kentucky progress report 553, "Kentucky Soybean Performance Tests - 2008".

Publication of results

Data for all entries in the Kentucky Soybean Performance Test will be published according to the policies established by the Kentucky Agricultural Experiment Station. If for any reason the results of the tests are judged to be unreliable or possibly misleading the results will not be published. Results will be published annually in the University of Kentucky progress report "Kentucky Soybean Performance Tests - 200x". The bulletin will be made available in limited quantities to all interested concerns at no charge. It can also be found at the Web site shown below.

http://www.uky.edu/Ag/GrainCrop/varietytesting.htm

Disclaimer

Every possible effort will be made to plant, harvest and tabulate results for each entry accepted for testing. Certain conditions such as weather, floods, hail damage, herbicide carry-over and drift, insect and disease problems, plot availability, etc. may make this impossible. Therefore, the Kentucky Agricultural Experiment Station assumes absolutely no responsibility for any damages resulting from these tests. If for any reason the tests cannot be completed, test fees will not be refunded. Trade names of products mentioned or similar products not named is neither intended as an endorsement nor criticism of such products by the Kentucky Agricultural Experiment Station.

BACK TO
WEB SITE FEATURES
PAGE 1

RESET ENTRIES

RESET FORM

KENTUCKY SOYBEAN PERFORMANCE TEST NOMINATION FORM

PLEASE TYPE - FORM MUST BE FILLED IN COMPLETELY - PRINT AND MAIL

RETURN TO
1st page of pub.

Organization name ______________________

Nominators name ______________________

Address ______________________

____

Phone ______________________

Cell Phone ______________________

Email ______________________

5 Test locations, 2 replications / location.
$420 per entry, novel entries are free.
All entries are tested at all locations.
Mail 10 lbs. of seed / entry by March 15 to ----->
Links to detailed instructions are available at:
http://www.uky.edu/Ag/GrainCrops/varietytesting.htm

Entries dropped by company after 3/15 will be charged.

Return form by February 20 to:
Eugene Lacefield
Plant & Soil Sci. Dept., N-122 ASCN
University of Kentucky
Lexington, KY 40546-0091
Phone: (859) 257-2993
Fax: (859) 257-2993
E-mail: elace0@uky.edu

Email this form

List nominations with top priority for testing first. Any number of nominations may be made but we cannot guarantee that all will be tested. Information listed below may be used in the performance bulletin publication. Experimental entries should have a "EXP" prefix. Novel soybeans should have a "NS" prefix. **PLEASE TYPE**

Entry: type name exactly as it will appear in the publication	New this year[1] ✔	Maturity Group example 4.7	Roundup Ready ✔	Percent Germ[2]	Race (s) of Soybean Cyst Nematode Resistance	Check the appropriate race & resistance [3] Phytophtora sojae: Resistance Gene Rps	Phytophtora sojae: Field tolerance	Sudden Death Syndrome	Sybean Mosaic Virus	Stem Canker	Other
					1 3 4 5 9 14	1a 1b 1c 1d 1k 3a 6 7	S MS MT T	S MS MR R	S MR R	S MR R	
					1 3 4 5 9 14	1a 1b 1c 1d 1k 3a 6 7	S MS MT T	S MS MR R	S MR R	S MR R	
					1 3 4 5 9 14	1a 1b 1c 1d 1k 3a 6 7	S MS MT T	S MS MR R	S MR R	S MR R	
					1 3 4 5 9 14	1a 1b 1c 1d 1k 3a 6 7	S MS MT T	S MS MR R	S MR R	S MR R	
					1 3 4 5 9 14	1a 1b 1c 1d 1k 3a 6 7	S MS MT T	S MS MR R	S MR R	S MR R	
					1 3 4 5 9 14	1a 1b 1c 1d 1k 3a 6 7	S MS MT T	S MS MR R	S MR R	S MR R	
					1 3 4 5 9 14	1a 1b 1c 1d 1k 3a 6 7	S MS MT T	S MS MR R	S MR R	S MR R	

[1] Check if the entry was not in the KY test in 2008. If entry was in last years test as an experimental or the name has been changed please add a note to this effect.
[2] If not specified, 85% will be assumed.
[3] Use provided choices: S=susceptible, MS=moderately susceptible, MR=moderately resistant, R=resistant, T=tolerant MT=moderately tolerant

DO NOT SEND MONEY WITH THIS FORM. You will be notified at a later date which nominations have been accepted for testing and procedures for remittance of all fees.

I affirm that I have carefully studied the plans, rules, and procedures for the Kentucky Soybean Performance Tests and I will comply with all rules and procedures. Remittance of the fees will be made within 10 days after receiving the statement of fees from the Kentucky Agricultural Experiment Station.

Signature ______________________ Date ______________ Title ______________________