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MISSISSIPPI SOYBEAN

VARIETY TRIALS, 2008

MAFES

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NOTICE TO USER

This information bulletin is a summary of research conducted under project number MIS 2348 at six locations in the state (see map). It is intended for farmers, seedsmen, colleagues, cooperators, and sponsors. Interpretation of this data should not be construed as a recommendation or as an endorsement of a specific variety or product.

This report contains data generated as part of the Mississippi Agricultural and Forestry Experiment Station research program. Joint sponsorship by the organizations listed on pages 65-67 is gratefully acknowledged.

Trade names of commercial products used in this report are included only for clarity and understanding. All available names (i.e., trade names, code numbers, chemical names, etc.) of varieties or products used in this research project are listed on pages 65-67.

Mississippi Soybean Variety Trials, 2008

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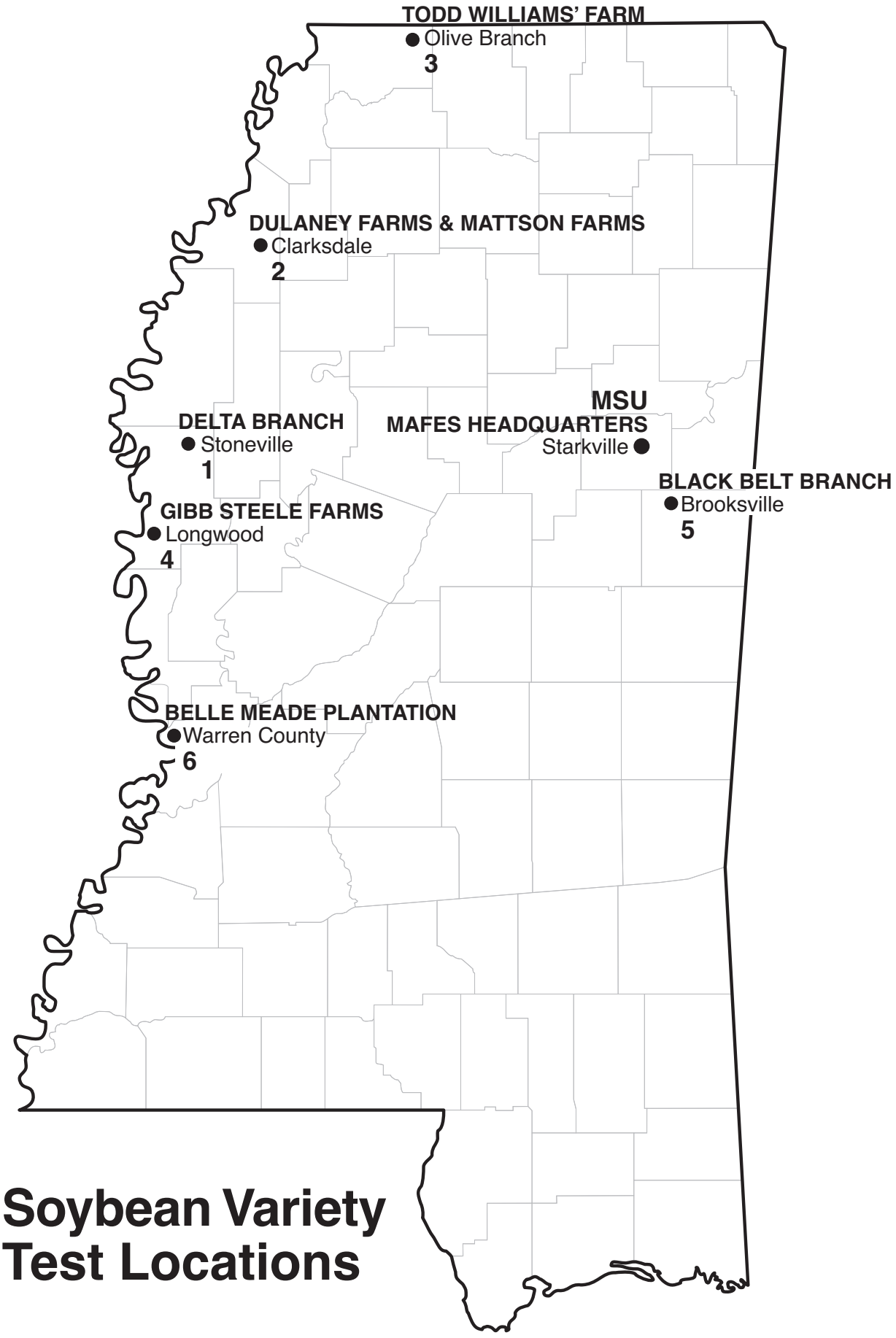

Soybean Variety Test Locations

Contents

Mississippi Soybean Variety Trials, 2008

Introduction

Procedures

There has been a proliferation of soybean varieties in recent years, and many good varieties are available to Mississippi producers. No single variety is superior, but in some situations, there are varieties that are more specifically adapted than others. Selecting a variety for planting requires knowledge of disease, nematode, and herbicide reactions, as well as the yield performance of each variety on a particular soil type. In many cases, planting the proper varieties will make substantial differences in yield and profitability on a farm. Proper management, including adequate lime, fertilizer, and weed control, is required to produce high yields of any variety, but yields may be limited, even under good management, unless the proper varieties are planted.

Soybean variety trials were conducted at six locations in 2008 (see map). Commercial seed companies were given the opportunity to enter varieties for testing. Seed of all private entries were supplied by the participating companies. Public varieties were selected by the Technical Advisory Committee for evaluation at each location. The experimental design at each location for each maturity group was a randomized complete block, with three replications of each entry.

Seeding Rate. All seeds were packaged for planting at the rate of nine seeds per foot of row for 30-inch row spacing and at the rate of six seeds per foot for 18-inch row spacing. Plots were planted with a cone planter. Irrigated plots had four rows, spaced 30 inches apart; nonirrigated plots had three rows, spaced 18 inches apart. All plots were planted to a length of 20 feet. Plot ends were trimmed to a uniform length 3 to 4 weeks after emergence.

Cultural Practices. Cultural and pest control practices for optimum yields were followed. Plots were limed and fertilized on the basis of an annual soil test. All seeds were treated with Vitavax/Thiram plus Apron fungicides and Excalibre inoculant prior to planting. Only herbicides currently registered for use on soybeans with strict adherence to all label instructions were used in these studies.

Maturity Date. Maturity is considered to be the date when the pods are dry and most of the leaves have dropped. Under most conditions, the stems are also dry.

Yield. An Almaco SPC-20 plot combine was used to harvest each plot. Harvested seed were allowed to dry at ambient temperature to a uniform moisture content before weighing. Weights were converted to yield in bushels per acre (60 pounds per bushel).

Plant Height. Plants were measured from the soil to the top extremity, at maturity, and plant height was recorded as the average of the height of plants measured.

Lodging. Lodging was rated and recorded on a scale of 1 = almost all plants erect, 2 = all plants leaning slightly or only a few plants down, 3 = all plants leaning moderately or 25 to 50 percent of plants down, 4 = all plants leaning considerably or 50 to 80 percent of plants down, and 5 = all plants down.

Disease and Nematodes. When a disease or nematode problem is correctly identified, the information in Tables 77 to 81 may be used to select varieties that have genetically inherited resistance to the problem. Stem canker ratings shown in this report were determined by Gabe Sciumbato, MAFES plant pathologist.

How to Select Varieties

In Problem or Difficult Fields

(1) Identify fields that have had problems in the past. Problems to consider may include diseases, nematodes, or fields that make planting or harvest difficult because of extremely dry or wet conditions. The Mississippi State University Extension Service offers a disease diagnostic service and nematode analysis free of charge.

(2) Use Tables 77 to 85 to select varieties for fields that need disease resistance.

(3) Select varieties using multiyear averages from all available locations. Identify those varieties that have desired pest resistance along with a high yield potential. Use data from a test site or sites with a soil type similar to that where the soybeans will be grown. Consider planting dates and maturity dates that may allow you to avoid historical field problems.

In Nonproblem Fields

(1) Identify the farm's highest yielding fields that have no specific disease problems.

(2) Select varieties with the best yield potential using multiyear averages from all available locations. Use data from a test site or sites with a soil type similar to that where the soybeans will be grown.

(3) Try new varieties on a limited number of acres. Don't abandon older, consistent-performing varieties that are yielding well unless research and experience show an advantage for newer varieties.

Planting Date and Maturity Date

(1) Varieties in Maturity Groups III, IV, and V are recommended. Earlier maturing varieties should be considered for planting where fall seedbed preparation was done the previous year and in fields that are subject to drought stress during the growing season and/or wet soils during the usual harvest period. Later maturing varieties should be considered for planting in fields that are not as prone to drought stress, where irrigation will be used to alleviate drought stress, and for later planting. However, early planting of all acreage is encouraged to reduce risk from drought and obtain higher yields.

(2) Early-season production is a practice that has been quite successful and consistent for several years. Cool, wet soils at planting may justify the use of a seed treatment that has activity against *Pythium*, since no varieties have resistance to infection and resulting damage from this organism. Most Maturity Group IV soybeans have a narrow growth habit. Given their growth, habit narrow rows are quite advantageous. Early April to early May planting is recommended for early-season production of Group IV varieties. Irrigation allows later planting of early-maturing soybeans; however, the full yield potential may not be realized when planted late. Timely harvest is crucial with early-maturing varieties because dry weather at maturity may promote shattering. There is a wide range in maturity within Group IV soybeans. Determine if an early Group IV or a late Group IV variety, or some acreage of both, will fit into your operation.

(3) Timely planting is crucial for optimum production of all maturity groups of soybeans. An attempt should be made to complete soybean planting as early as possible. Planting of Group V and Group VI can be made in April. Delays in planting will result in reduced yield potential for almost all varieties in all maturity groups.

Herbicide-Resistant Varieties

(1) Evaluate overall performance characteristics of the variety — including yield potential, disease and nematode resistance, maturity date, lodging, etc. — as you would any variety.

(2) Compare these characteristics to other varieties, conventional and herbicide-resistant.

(3) Consider seed premiums, technology fees, and specific weed problems. Determine total cost of conventional and herbicide-resistant-crop weed control programs, and combine this information with factors listed above in choosing a variety.

General Characteristics of Varieties

Soybean varieties differ in significant characteristics that may not affect their performance. Tables 62 to 69 give the general characteristics of most varieties grown in Mississippi.

Pubescence and Hilum Color. Brown (tawny) and gray are the basic pubescence (hair) colors found among varieties. Varying pod-wall colors result in different intensities of mature pod colors. The "eye" of the seed is called a hilum, or point of attachment to the pod, and it differs in color by variety.

Seed Size. There is no relationship between inherited seed size and seed yield. A small-seeded variety may yield as much as or more than a large-seeded variety. The average seed per pound for different varieties is shown in Tables 69 to 72, but this is subject to seasonal variation. Knowing the number of seed per pound is important in determining the amount of seed needed for planting. Fewer pounds are required for small-seeded varieties than for large-seeded varieties. Your county Extension office has a publication

(Information Sheet 1194) that deals with seeding rates and plant populations.

Flowering. Varieties of Maturity Group IV generally display an indeterminate growth habit. This means that a large portion of their vegetative growth occurs after the onset of flowering begins. In contrast, varieties of Groups V and VI display a determinate growth habit, where most of the vegetative growth occurs before flowering. The date of first flower will be determined by the time of planting and maturity. For example, a mid-Group IV variety may bloom 3 weeks earlier than a Group V variety, whereas a late Group IV variety may bloom only 1 week earlier than a Group V variety. Soybean flower petals are purple or white. The flower color is controlled strictly by genetics, and only one flower color occurs in a pure variety.

Within the Maturity Group IV trials, the wide variation in maturity dates is attributed to lack of rigid standards for classifying varieties within a group. It was decided to subdivide both the Group IV and Group V trials into two maturity groups. All maturity groups were assigned an early- and late-maturity check:

Conventional Test

Maturity Group	Early Check	Late Check
Group IV Late	—	HBK C4926
Group V Early	USG5002T	HBK C5894
Group V Late	HBK C5894	

Roundup Ready Test

Maturity Group	Early Check	Late Check
Group IV Early	—	AG4403
Group IV Late	AG4403	P94M80
Group V Early	P94M80	DP5915
Group V Late	DP5915	

Use of Data Tables and Summary Statistics

The yield potential of a given variety cannot be measured with complete accuracy. Consequently, replicated plots of all varieties are evaluated for yield, and the yield of a given variety is estimated as the mean of all replicated plots of that variety. Yields may vary from one plot to another, which introduces a certain degree of error to the estimation of yield potential. This natural variation is often responsible for yield differences seen among different varieties. Thus, even if the mean yield of two varieties is numerically different, they are not necessarily significantly different in terms of yield potential. In other words, the ability to measure yield is not precise enough to determine whether such small differences are observed purely by chance or because of superior performance.

The least significant difference (LSD) is an estimate of the smallest difference between two varieties that can be declared to be the result of something other than random variation in a particular trial. Consider the following example for a given trial:

Variety	Yield
Abe	40 bu/A
Bill	35 bu/A
Charlie	31 bu/A
LSD	7 bu/A

The difference between variety Abe and variety Bill is 5 bushels per acre (40 - 35 = 5). This difference is **smaller** than the LSD (7 bushels per acre). Consequently, it is concluded that variety Abe and variety Bill have the same yield potential, since the observed difference occurred purely due to chance.

The difference between variety Abe and variety Charlie is 9 bushels per acre (40 - 31 = 9), which is **larger** than the LSD (7 bushels per acre). Therefore, it is concluded that the yield potential of variety Abe is superior to that of variety Charlie, since the difference is larger than would be expected purely by chance.

The coefficient of variation (CV) is a measure of the relative precision of a given trial and is used to compare the relative precision of different trials. The CV is generally considered to be an estimate of the amount of unexplained variation in a given trial. This unexplained variation could be the result of variation between plots, with respect to soil type, fertility, insects, diseases, drought stress, etc. In general, the higher the CV, the less precise a given trial is.

The coefficient of determination (R^2) is another measure of the level of precision in a trial and is also used to compare the relative precision of different trials. The R^2 is a measure of the amount of variation that is explained, or accounted for, in a given trial. For example, an R^2 value of 90 percent indicates that 90 percent of the observed variation in the trial has been accounted for, with the remaining 10 percent being unaccounted for. The higher the R^2 value, the more precise the trial. The R^2 is generally considered to be a better measure of precision than is the CV, for comparison of different trials.

Table 1. Summary of Yields for Maturity Group IV for the 2008 Mississippi Soybean Variety Trials.[1]

Variety	Brand	Longwood Irr.	Stoneville Irr.	Delta avg.	Brooksville	Hill avg.		Overall avg.
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*		*bu/A*
AV 49X0	AgVenture	53.1	56.0	54.6	42.5	42.5		48.5
HBK C4926	Hornbeck	48.8	56.9	52.9	43.0	43.0		47.9
UA4805	Public	16.5	51.4	34.0	46.2	46.2		40.1
R00-1194F (E)	Public	36.4	40.3	38.4	44.8	44.8		41.6
Overall mean		38.7	51.2	45.0	44.1	44.1		44.6
LSD (.10)		9.1	3.8		5.9			
Error degrees of freedom		6	6		6			
CV (%)		14.8	4.7		8.4			
R^2(%)		93	94		49			

[1](E) = Experimental.

Table 2. Summary of Yields for Maturity Group V Early for the 2008 Mississippi Soybean Variety Trials.[1]

Variety	Brand	Longwood Irr.	Stoneville Irr.	Delta avg.	Brooksville	Hill avg.		Overall avg.
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*		*bu/A*
HBK C5025	Hornbeck	49.6	55.2	52.4	47.3	47.3		49.9
DB01-5289 (E)	Public	18.6	41.4	30.0	52.2	52.2		41.1
DB03-10440 (E)	Public	28.8	46.9	37.9	50.5	50.5		44.2
DB03-1381 (E)	Public	7.0	38.0	22.5	43.4	43.4		33.0
DB03-8416 (E)	Public	29.0	47.9	38.5	53.1	53.1		45.8
Jake	Public	41.0	52.6	46.8	53.0	53.0		49.9
Osage	Public	31.2	61.4	46.3	52.0	52.0		49.2
Ozark	Public	30.3	48.5	39.4	54.5	54.5		47.0
Stoddard	Public	32.2	46.5	39.4	58.3	58.3		48.8
USG 5002T	USG	27.9	52.3	40.1	46.4	46.4		43.3
Overall mean		30.0	49.1	39.3	51.1	51.1		45.2
LSD (.10)		7.9	6.3		8.1			
Error degrees of freedom		18.0	18.0		18.0			
CV (%)		18.8	9.1		11.3			
R^2 (%)		87.0	78.0		57.0			

[1](E) = Experimental.

Table 3. Summary of Yields for Maturity Group V Late for the 2008 Mississippi Soybean Variety Trials.[1]

Variety	Brand	Longwood Irr.	Stoneville Irr.	Delta avg.	Brooksville	Hill avg.		Overall avg.
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*		*bu/A*
HBK C5894	Hornbeck	57.8	53.1	55.5	66.0	66.0		60.7
R01-976 (E)	Public	40.9	53.9	47.4	60.7	60.7		54.1
Overall mean		49.4	53.5	51.4	63.3	63.3		57.4
LSD (.10)		4.9	11.3		20.7			
Error degrees of freedom		2	2		2			
CV (%)		4.2	8.9		13.7			
R^2(%)		98	39		38			

[1](E) = Experimental.

Table 4. Summary of Yields for Maturity Group III Roundup Ready for the 2008 Mississippi Soybean Variety Trials.[1]

Variety	Brand	Stoneville Nonirr.	Delta avg.	Brooksville	Olive Branch	Hill avg.		Overall avg.
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*		*bu/A*
Armor 39-K4	Armor	19.9	19.9	18.1	58.0	38.1		29.0
AG3803	Asgrow	17.9	17.9	20.3	58.0	39.2		28.5
AG3905	Asgrow	26.0	26.0	21.1	51.0	36.1		31.0
AG3906	Asgrow	15.5	15.5	20.1	56.1	38.1		26.8
AG4005	Asgrow	18.0	18.0	18.0	57.6	37.8		27.9
HBK R3824	Hornbeck	17.9	17.9	22.9	54.4	38.7		28.3
HBK R3927	Hornbeck	27.2	27.2	28.7	56.4	42.6		34.9
Progeny 3906RR (E)	Progeny	17.5	17.5	22.7	55.9	39.3		28.4
S04-3924 (E)	Public	19.5	19.5	28.7	59.5	44.1		31.8
S04-20912 (E)	Public	21.3	21.3	25.8	60.1	43.0		32.1
TN07-220RR (E)	Public	12.3	12.3	21.6	55.2	38.4		25.4
398.RCP	Schillinger	22.2	22.2	22.4	59.1	40.8		31.5
Overall mean		19.6	19.6	22.5	56.8	39.7		29.6
LSD (.10)		4.2		5.4	7.4			
Error degrees of freedom		22.0		22	22.0			
CV (%)		15.3		17.3	9.4			
R^2(%)		77.0		69	29.0			

[1](E) = Experimental.

Table 5. Summary of Yields for Maturity Group IV Early Roundup Ready for the 2008 Mississippi Soybean Variety Trials.[1]

Variety	Brand	Clarksdale Irr.	Clarksdale Nonirr.	Longwood Irr.	Delta avg.	Brooksville	Olive Branch	Hill avg.		Overall avg.
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*		*bu/A*
AV 46J5NRR	AgVenture	69.6	29.0	50.7	49.8	23.7	57.1	40.4		45.1
AV 46P1	AgVenture	75.2	23.2	44.8	47.7	23.9	57.4	40.7		44.2
Armor 42-M1 (E)	Armor	73.4	35.1	49.1	52.5	32.1	64.5	48.3		50.4
Armor ARX4560 (E)	Armor	71.8	28.2	62.7	54.2	32.9	69.0	51.0		52.6
AG4303	Asgrow	62.5	30.9	52.2	48.5	29.8	68.7	49.3		48.9
AG4403	Asgrow	75.8	31.0	47.8	51.5	28.6	57.7	43.2		47.3
AG4404	Asgrow	70.6	22.3	45.6	46.2	28.7	54.9	41.8		44.0
AG4405	Asgrow	72.1	34.8	43.2	50.0	36.9	55.6	46.3		48.1
AG4605	Asgrow	79.2	23.9	52.6	51.9	29.8	56.7	43.3		47.6
AG4606	Asgrow	69.4	31.5	49.6	50.2	24.8	65.2	45.0		47.6
AG4703	Asgrow	66.8	32.8	49.8	49.8	29.7	62.0	45.9		47.8
AG4705	Asgrow	70.9	37.7	54.6	54.4	28.4	61.9	45.2		49.8
DKB46-51	Asgrow	71.9	32.1	50.9	51.6	29.9	61.7	45.8		48.7
RC 4417	Croplan Genetics	70.6	29.6	48.5	49.6	22.4	67.8	45.1		47.3
RC 4455	Croplan Genetics	73.8	30.5	43.0	49.1	24.9	64.0	44.5		46.8
C4119R	Crow's	72.1	24.9	48.5	48.5	26.3	61.2	43.8		46.1
C4517R	Crow's	75.7	28.1	47.1	50.3	33.0	65.8	49.4		49.9
DG4150RR	Delta Grow	63.0	32.8	35.3	43.7	29.1	48.6	38.9		41.3
DK 4667	Delta King	69.1	22.6	59.5	50.4	34.8	54.2	44.5		47.5
DK XTJ946 (E)	Delta King	68.6	21.4	51.9	47.3	30.2	59.8	45.0		46.2
DP4546RR	Asgrow	68.2	35.5	51.5	51.7	34.9	61.4	48.2		49.9
DG 31J39	Dyna-Gro	59.8	27.5	38.8	42.0	25.5	59.4	42.5		42.2
DG 32R46	Dyna-Gro	62.7	33.4	46.7	47.6	36.3	62.0	49.2		48.4
DG 33Y45	Dyna-Gro	62.3	34.5	50.1	49.0	30.7	60.1	45.4		47.2
DG 36C44	Dyna-Gro	70.0	25.4	48.2	47.9	33.0	62.3	47.7		47.8
DG 37A44	Dyna-Gro	71.6	32.2	35.8	46.5	26.2	55.1	40.7		43.6
DG 37F46	Dyna-Gro	66.1	21.2	53.2	46.8	37.9	54.3	46.1		46.5
ES 4333RR	Eagle Seed	66.8	24.5	33.5	41.6	30.4	55.0	42.7		42.2
ES 4661RR	Eagle Seed	71.1	27.1	39.3	45.8	31.5	60.2	45.9		45.8
HBK R3824	Hornbeck	66.9	26.4	41.7	45.0	24.8	55.8	40.3		42.7
HBK R3927	Hornbeck	56.1	28.4	37.9	40.8	34.7	60.2	47.5		44.1
HBK R4527	Hornbeck	68.5	34.2	55.1	52.6	37.8	66.0	51.9		52.3
EXP 460 (E)	JGL	70.2	23.9	52.4	48.8	28.2	59.5	43.9		46.3
Norfolk 741RR	Merschman	72.5	30.9	46.9	50.1	27.7	55.9	41.8		46.0
MorSoy RT4485N (E)	MorSoy	67.9	32.8	37.8	46.2	27.4	60.9	44.2		45.2
MorSoy RTS4488N (E)	MorSoy	68.9	28.5	40.8	46.1	31.4	61.6	46.5		46.3
MorSoy RTS4556N	MorSoy	74.0	28.5	57.8	53.4	26.9	66.8	46.9		50.1

[1](E) = Experimental.

Table 5 (cont.). Summary of Yields for Maturity Group IV Early Roundup Ready for the 2008 Mississippi Soybean Variety Trials.[1]

Variety	Brand	Clarksdale Irr.	Clarksdale Nonirr.	Longwood Irr.	Delta avg.	Brooksville	Olive Branch	Hill avg.		Overall avg.
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*		*bu/A*
MPG 4406nRR	M-Pride	51.1	28.0	42.4	40.5	27.0	56.0	41.5		41.0
MPG-X-48-2nRR (E)	M-Pride	75.5	29.7	47.0	50.7	25.4	64.4	44.9		47.8
MPG-X-48-3nRR (E)	M-Pride	75.1	30.9	48.1	51.4	33.3	56.9	45.1		48.2
NK S43-N6 Brand	NK Brand	70.9	29.4	47.9	49.4	34.6	55.4	45.0		47.2
NK S44-D5 Brand	NK Brand	74.2	31.2	60.1	55.2	32.9	61.9	47.4		51.3
NK S46-U6 Brand	NK Brand	76.1	38.4	57.2	57.2	35.6	69.8	52.7		55.0
94Y20	Pioneer	66.2	32.3	46.7	48.4	35.6	57.3	46.5		47.4
94Y60	Pioneer	75.3	29.8	44.0	49.7	33.2	56.5	44.9		47.3
Progeny 4206RR	Progeny	80.0	33.1	50.2	54.4	25.5	52.7	39.1		46.8
Progeny 4405RR	Progeny	67.2	33.6	39.1	46.6	29.2	52.0	40.6		43.6
Progeny 4408RR (E)	Progeny	69.9	26.1	40.6	45.5	32.6	62.0	47.3		46.4
Progeny 4508RR (E)	Progeny	74.7	30.0	48.6	51.1	28.6	64.0	46.3		48.7
Progeny 4606RR	Progeny	62.7	37.1	44.7	48.2	33.9	55.7	44.8		46.5
TN07-266RR (E)	Public	57.6	19.7	46.6	41.3	25.8	52.7	39.3		40.3
448.RCS (E)	Schillinger	66.5	20.0	47.7	44.7	21.8	55.2	38.5		41.6
457.RCP	Schillinger	70.9	31.2	53.0	51.7	32.5	55.9	44.2		48.0
458.RCS (E)	Schillinger	73.2	35.3	43.6	50.7	21.8	59.6	40.7		45.7
TV44R27	Terral	71.1	32.3	41.2	48.2	25.8	55.2	40.5		44.4
TV45R18	Terral	67.1	25.4	43.3	45.3	25.0	57.6	41.3		43.3
TV46R15	Terral	67.5	23.6	49.5	46.9	25.3	55.3	40.3		43.6
TV46R19	Terral	45.6	26.9	52.7	41.7	29.9	59.2	44.6		43.1
USG 74A27	USG	67.4	25.2	46.2	46.3	24.9	57.1	41.0		43.6
USG 74A45	USG	68.4	26.8	39.2	44.8	27.2	56.7	42.0		43.4
USG 74E68	USG	68.7	20.4	37.9	42.3	19.8	49.3	34.6		38.4
USG 74H48	USG	74.7	14.4	54.3	47.8	34.3	61.0	47.7		47.7
Overall mean		69.2	28.8	47.4	48.5	29.5	59.3	44.4		46.4
LSD (.10)		12.9	4.6	6.1		6.5	8.2			
Error degrees of freedom		126	122	124		124	124			
CV (%)		13.8	11.9	9.5		16.3	10.2			
R^2(%)		38	76	77		62	48			

[1](E) = Experimental.

Table 6. Summary of Yields for Maturity Group IV Late Roundup Ready for the 2008 Mississippi Soybean Variety Trials.[1]

Variety	Brand	Clarksdale Irr.	Clarksdale Nonirr.	Longwood Irr.	Stoneville Irr.	Delta avg.	Brooksville	Olive Branch	Hill avg.		Overall avg.
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*		*bu/A*
47G3 NRR	AgVenture	67.4	28.2	48.0	54.0	49.4	38.8	64.6	51.7		50.6
49D6	AgVenture	71.0	27.0	49.9	50.8	49.7	39.2	63.9	51.6		50.6
AV 49X9RR	AgVenture	61.4	29.3	52.9	49.3	48.2	39.0	74.7	56.9		52.5
Armor 47-G7	Armor	71.7	31.2	36.6	44.4	46.0	32.1	61.1	46.6		46.3
Armor ARX4717 (E)	Armor	65.6	24.6	25.6	36.5	38.1	33.3	61.5	47.4		42.7
AG4703	Asgrow	74.9	32.8	44.9	43.5	49.0	37.5	64.8	51.2		50.1
AG4705	Asgrow	71.9	20.3	46.7	51.3	47.6	32.0	65.0	48.5		48.0
AG4903	Asgrow	77.1	35.8	49.1	47.7	52.4	46.4	66.7	56.6		54.5
AG4907	Asgrow	72.9	35.1	53.6	51.5	53.3	36.6	67.0	51.8		52.5
DK 5068	Asgrow	73.3	32.4	54.6	54.0	53.6	43.7	72.6	58.2		55.9
DK4866	Asgrow	78.6	31.1	56.2	60.4	56.6	36.4	62.1	49.3		52.9
RC 4757	Croplan Genetics	78.9	29.9	42.5	41.5	48.2	39.2	68.3	53.8		51.0
RC 4877	Croplan Genetics	70.7	23.5	47.4	55.9	49.4	34.4	66.4	50.4		49.9
DG 4780RR	Delta Grow	72.6	25.3	53.8	51.8	50.9	36.7	66.0	51.4		51.1
DG 4820RR	Delta Grow	76.3	32.8	52.1	49.9	52.8	43.2	66.1	54.7		53.7
DG 4870RR	Delta Grow	73.4	31.1	50.8	49.4	51.2	40.8	56.5	48.7		49.9
DG 4970RR	Delta Grow	66.9	39.0	49.0	48.0	50.7	39.1	73.8	56.5		53.6
DG4770RR	Delta Grow	71.8	31.5	49.3	52.7	51.3	36.0	62.6	49.3		50.3
DG4975LARR	Delta Grow	72.7	30.8	50.9	50.7	51.3	41.0	70.0	55.5		53.4
DK 4968	Delta King	68.6	31.6	50.2	47.9	49.6	34.6	76.3	55.5		52.5
DK 4995	Delta King	63.1	30.8	50.9	49.2	48.5	40.7	63.3	52.0		50.3
DK XTJ848 (E)	Delta King	70.9	28.4	54.6	52.7	51.7	32.5	69.7	51.1		51.4
DK XTJ949 (E)	Delta King	74.5	31.8	52.8	53.5	53.2	40.4	73.1	56.8		55.0
DP 4888RR/S	Asgrow	73.9	35.0	58.4	50.0	54.3	28.8	70.2	49.5		51.9

[1](E) = Experimental.

Table 6 (cont.). Summary of Yields for Maturity Group IV Late Roundup Ready for the 2008 Mississippi Soybean Variety Trials.[1]

Variety	Brand	Clarksdale Irr.	Clarksdale Nonirr.	Longwood Irr.	Stoneville Irr.	Delta avg.	Brooksville	Olive Branch	Hill avg.		Overall avg.
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*		*bu/A*
DG 32P48	Dyna-Gro	74.3	28.5	45.7	49.5	49.5	41.9	60.7	51.3		50.4
DG 36Y48	Dyna-Gro	76.9	23.9	58.0	51.3	52.5	42.0	74.6	58.3		55.4
DG 37P49	Dyna-Gro	78.8	31.2	47.1	51.8	52.2	42.4	73.7	58.1		55.1
ES 4777	Eagle Seed	67.8	36.9	40.6	41.9	46.8	42.9	66.0	54.5		50.6
ES 4818	Eagle Seed	68.3	39.4	46.2	50.9	51.2	39.1	72.3	55.7		53.5
ES 4906	Eagle Seed	68.5	26.5	44.9	43.2	45.8	34.7	63.9	49.3		47.5
ES 4991	Eagle Seed	60.0	25.4	40.5	42.4	42.1	37.2	63.3	50.3		46.2
ESXVT-675 (E)	Eagle Seed	64.5	37.9	35.7	40.4	44.6	42.3	69.3	55.8		50.2
HBK R4727	Hornbeck	68.3	24.8	51.6	56.4	50.3	30.6	66.1	48.4		49.3
HBK R4828	Hornbeck	57.8	36.2	50.7	46.7	47.9	33.9	69.2	51.6		49.7
HBK R4924	Hornbeck	74.4	33.9	47.3	42.9	49.6	42.5	80.9	61.7		55.7
Houston 747RR	Merschman	77.9	32.2	44.0	40.6	48.7	33.4	56.5	45.0		46.8
Nashville 749RR	Merschman	77.6	30.0	59.3	48.0	53.7	35.8	62.9	49.4		51.5
MorSoy RT4688N (E)	MorSoy	70.3	35.1	51.4	46.4	50.8	45.1	65.9	55.5		53.2
MorSoy RT4707N	MorSoy	67.0	26.7	50.0	53.2	49.2	41.1	72.0	56.6		52.9
MorSoy RT4888N (E)	MorSoy	72.8	31.1	51.5	51.4	51.7	40.0	61.5	50.8		51.2
MorSoy RT4914N (E)	MorSoy	69.4	41.5	47.7	48.7	51.8	38.5	72.8	55.7		53.7
MorSoy RT4955N (E)	MorSoy	75.2	22.3	58.1	50.0	51.4	37.9	74.7	56.3		53.9
MPG 4705nRR	M-Pride	70.4	27.7	43.0	43.7	46.2	33.2	59.3	46.3		46.2
MPG 4907nRR/STS	M-Pride	73.1	24.3	49.2	48.0	48.7	42.5	69.7	56.1		52.4
MPV4808nRR	M-Pride	67.1	35.7	47.0	49.4	49.8	34.6	63.3	49.0		49.4
NK S49-W6 Brand	NK Brand	67.9	43.4	43.7	45.3	50.1	34.8	55.7	45.3		47.7
94B73	Pioneer	72.7	32.8	44.7	50.3	50.1	28.2	61.7	45.0		47.5
94M80	Pioneer	67.0	36.8	43.5	47.6	48.7	36.6	65.1	50.9		49.8
94Y70	Pioneer	75.9	31.4	47.3	53.4	52.0	39.1	56.5	47.8		49.9
94Y90	Pioneer	69.3	30.4	43.8	52.5	49.0	38.3	66.0	52.2		50.6
P4807RR	Progeny	74.0	21.5	51.2	57.8	51.1	37.2	65.0	51.1		51.1
Progeny 4706RR	Progeny	70.0	26.2	45.7	53.6	48.9	37.0	58.2	47.6		48.2
Progeny 4718RR (E)	Progeny	76.2	32.7	51.4	46.0	51.6	37.1	67.2	52.2		51.9
Progeny 4906RR	Progeny	71.9	33.4	51.1	55.6	53.0	45.5	66.7	56.1		54.6
Progeny 4908RR (E)	Progeny	72.5	35.7	50.1	49.7	52.0	46.8	69.4	58.1		55.1
Progeny 4918RR (E)	Progeny	75.1	29.8	43.1	47.1	48.8	39.1	63.7	51.4		50.1
Progeny 4949RR	Progeny	69.9	32.4	53.8	54.6	52.7	35.9	68.1	52.0		52.3
S05-4604 (E)	Public	68.7	38.2	47.8	45.7	50.1	40.1	75.9	58.0		54.1
478.RCS	Schillinger	76.2	24.9	49.1	52.9	50.8	26.3	63.7	45.0		47.9
495.RC	Schillinger	71.2	36.3	45.7	47.1	50.1	33.6	69.5	51.6		50.8
4782-4	Stine	77.3	31.7	49.1	41.1	49.8	36.1	65.2	50.7		50.2
TV47R17	Terral	71.2	38.3	55.2	54.8	54.9	36.9	73.8	55.4		55.1
TV47R18	Terral	71.8	24.2	57.6	51.2	51.2	34.9	59.6	47.3		49.2
TV48R14	Terral	67.5	31.1	47.1	49.5	48.8	24.9	59.5	42.2		45.5
TV49R17	Terral	65.5	29.8	54.3	51.9	50.4	31.9	59.1	45.5		47.9
TV49R19	Terral	66.2	31.8	46.5	48.4	48.2	32.3	52.9	42.6		45.4
TV49R27	Terral	73.7	38.8	50.4	48.4	52.8	32.8	64.6	48.7		50.8
USG 7495nRS	USG	72.2	21.4	52.8	54.5	50.2	36.3	69.2	52.8		51.5
USG 74A88	USG	75.0	33.8	49.0	52.2	52.5	40.4	62.0	51.2		51.9
USG 74A91	USG	75.3	31.0	54.5	51.2	53.0	46.6	77.7	62.2		57.6
USG 74F78	USG	69.6	31.7	55.3	51.2	52.0	40.5	63.5	52.0		52.0
USG 74F96	USG	69.5	37.6	50.2	50.2	51.9	42.4	77.0	59.7		55.8
Overall mean		71.3	31.3	49.0	49.4	50.3	37.5	66.5	52.0		51.1
LSD (.10)		6.1	6.9	6.0	4.3		6.4	7.7			
Error degrees of freedom		144	144	144	144		144	144			
CV (%)		6.3	16.2	9.1	6.4		12.6	8.6			
R^2(%)		59	60	71	75		65	63			

[1](E) = Experimental.

Table 7. Summary of Yields for Maturity Group V Early Roundup Ready for the 2008 Mississippi Soybean Variety Trials.[1]

Variety	Brand	Clarksdale Irr.	Longwood Irr.	Stoneville Irr.	Delta avg.	Brooksville	Olive Branch	Hill avg.		Overall avg.
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*		*bu/A*
AGS 568RR	AgSouth	60.2	44.0	46.4	50.2	47.2	73.6	60.4		55.3
52P2	AgVenture	63.0	38.4	45.7	49.0	45.5	77.5	61.5		55.3
AV 50D2NRR	AgVenture	57.7	46.7	54.7	53.0	44.6	62.5	53.6		53.3
AV 50X6RR	AgVenture	64.0	50.3	56.6	57.0	38.4	66.1	52.3		54.6
AV 51X5RR	AgVenture	69.9	42.4	50.9	54.4	37.2	70.0	53.6		54.0
AV 53D3NRR	AgVenture	65.3	35.7	43.5	48.2	47.1	75.2	61.2		54.7
AV 54X4RR	AgVenture	66.3	45.2	45.9	52.5	49.9	80.3	65.1		58.8
Armor GP-500	Armor	71.6	31.3	52.1	51.7	48.8	71.4	60.1		55.9
Armor GP-533	Armor	66.3	43.3	42.3	50.6	56.6	72.8	64.7		57.7
AG5304	Asgrow	71.0	45.1	49.3	55.1	42.5	70.2	56.4		55.7
AG5405	Asgrow	82.1	27.6	48.2	52.6	42.7	67.5	55.1		53.9
AG5503	Asgrow	75.4	48.3	60.0	61.2	48.9	65.6	57.3		59.2
AG5504	Asgrow	57.1	31.6	43.1	43.9	46.7	65.8	56.3		50.1
AG5606	Asgrow	73.3	41.4	54.4	56.4	54.1	76.9	65.5		60.9
DK 5068	Asgrow	62.4	53.1	60.0	58.5	43.6	77.6	60.6		59.6
RC 5007	Croplan Genetics	62.1	33.4	52.3	49.3	48.9	78.3	63.6		56.4
RC 5332	Croplan Genetics	53.2	23.3	42.5	39.7	41.1	60.3	50.7		45.2
C5417R	Crow's	58.3	32.5	41.5	44.1	53.2	66.7	60.0		52.0
DG 5170RR	Delta Grow	59.8	52.4	55.8	56.0	42.6	71.3	57.0		56.5
DG 5280RR	Delta Grow	71.3	36.1	52.5	53.3	44.6	76.5	60.6		56.9
DG 5450RR	Delta Grow	42.2	35.3	33.4	37.0	53.2	77.6	65.4		51.2
DG 5555RR	Delta Grow	64.6	40.8	53.6	53.0	57.3	78.7	68.0		60.5
DG 5570RR	Delta Grow	56.0	29.7	42.7	42.8	52.7	69.8	61.3		52.0
DG 5630RR (E)	Delta Grow	52.9	35.4	50.6	46.3	53.1	74.5	63.8		55.1
DG5160RR	Delta Grow	58.0	54.8	57.5	56.8	42.5	79.7	61.1		58.9
DG5300RR	Delta Grow	56.8	24.9	49.4	43.7	47.6	73.1	60.4		52.0
DG5470RR	Delta Grow	54.1	46.8	53.8	51.6	47.1	67.5	57.3		54.4
DK 52K6	Delta King	59.0	44.1	45.5	49.5	52.0	74.5	63.3		56.4
DK XTJ950 (E)	Delta King	51.9	55.9	54.6	54.1	42.1	61.9	52.0		53.1
DP 5335RR/S	Asgrow	61.7	42.9	56.4	53.7	47.5	63.9	55.7		54.7
DP5634RR	Asgrow	59.0	40.1	49.1	49.4	53.2	76.7	65.0		57.2
DG 31R54	Dyna-Gro	61.4	31.3	40.3	44.3	54.3	72.0	63.2		53.7
DG 32A53	Dyna-Gro	64.2	47.1	50.7	54.0	49.8	84.0	66.9		60.5
DG 33B52	Dyna-Gro	64.0	33.6	51.8	49.8	46.5	61.4	54.0		51.9
DG 33P54	Dyna-Gro	61.4	26.6	46.5	44.8	44.8	63.7	54.3		49.5
DG 33X55	Dyna-Gro	59.0	41.9	46.8	49.2	52.9	66.2	59.6		54.4
DG 34J56	Dyna-Gro	52.2	34.9	44.1	43.7	54.5	75.4	65.0		54.3
DG 35F55	Dyna-Gro	62.5	41.6	55.0	53.0	61.0	76.2	68.6		60.8
ES 5121	Eagle Seed	49.8	44.1	48.9	47.6	51.4	76.6	64.0		55.8
ES XVT-19 (E)	Eagle Seed	49.0	36.6	43.2	42.9	43.9	70.8	57.4		50.1
ESXVT-155 (E)	Eagle Seed	71.1	35.6	47.8	51.5	44.3	71.0	57.7		54.6
ESXVT-16 (E)	Eagle Seed	64.2	27.7	47.5	46.5	46.9	69.5	58.2		52.3
ESXVT-425 (E)	Eagle Seed	49.3	29.1	34.3	37.6	52.2	77.2	64.7		51.1
HBK R5226	Hornbeck	69.4	39.6	51.2	53.4	46.8	75.7	61.3		57.3
HBK R5425	Hornbeck	32.9	38.2	41.8	37.6	48.6	68.2	58.4		48.0
HBK R5525	Hornbeck	68.3	50.7	49.0	56.0	53.1	76.6	64.9		60.4
HBK RS5227	Hornbeck	62.2	17.8	42.4	40.8	45.4	65.1	55.3		48.0
Olympus 854RR	Merschman	68.8	27.5	53.1	49.8	46.6	73.1	59.9		54.8
MorSoy RT5168N (E)	MorSoy	62.7	52.9	59.5	58.4	50.7	74.6	62.7		60.5
MorSoy RT5288N (E)	MorSoy	73.8	36.8	53.2	54.6	44.6	77.9	61.3		57.9
MorSoy RT5306N (E)	MorSoy	62.8	31.8	46.1	46.9	49.7	74.4	62.1		54.5
MorSoy RT5388N (E)	MorSoy	63.7	35.9	51.1	50.2	47.1	75.4	61.3		55.7
MorSoy RT5688N (E)	MorSoy	67.2	44.3	52.9	54.8	60.2	77.1	68.7		61.7
MPG 5505nRR/STS	M-Pride	64.5	29.5	48.1	47.4	40.6	75.0	57.8		52.6
MPV 5308nRR	M-Pride	70.0	34.0	51.2	51.7	50.9	70.4	60.7		56.2
MPV 5407nRR	M-Pride	57.6	51.3	52.1	53.7	45.6	66.6	56.1		54.9
NK S52-F2 Brand	NK Brand	59.6	40.2	40.0	46.6	46.1	77.1	61.6		54.1
NK S56-D7	NK Brand	56.0	35.5	45.8	45.8	56.1	73.5	64.8		55.3
95M50	Pioneer	68.7	45.6	47.7	54.0	50.6	72.6	61.6		57.8
95Y20	Pioneer	56.8	46.3	44.9	49.3	52.0	66.6	59.3		54.3
95Y40	Pioneer	73.0	47.0	56.9	59.0	46.5	76.2	61.4		60.2
95Y41	Pioneer	70.0	33.1	51.3	51.5	39.5	71.7	55.6		53.5
Progeny 5107RR	Progeny	51.1	51.0	56.0	52.7	42.9	69.1	56.0		54.4
Progeny 5108RR (E)	Progeny	53.8	38.0	51.8	47.9	42.2	59.8	51.0		49.4
Progeny 5115RR	Progeny	57.2	48.6	55.1	53.6	41.6	75.3	58.5		56.0
Progeny 5208RR (E)	Progeny	62.6	54.0	49.6	55.4	37.5	69.3	53.4		54.4

[1](E) = Experimental.

Table 7 (cont.). Summary of Yields for Maturity Group V Early Roundup Ready for the 2008 Mississippi Soybean Variety Trials.[1]

Variety	Brand	Clarksdale Irr.	Longwood Irr.	Stoneville Irr.	Delta avg.	Brooksville	Olive Branch	Hill avg.		Overall avg.
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*		*bu/A*
Progeny 5218RR (E)	Progeny	75.5	29.9	54.7	53.4	52.3	68.7	60.5		56.9
Progeny 5308RR (E)	Progeny	62.9	20.7	41.3	41.6	48.6	72.6	60.6		51.1
Progeny 5408RR (E)	Progeny	63.6	28.6	53.0	48.4	44.0	75.7	59.9		54.1
Progeny 5622RR	Progeny	61.4	32.1	51.8	48.4	43.2	73.7	58.5		53.4
Progeny 5650RR	Progeny	59.5	46.3	54.1	53.3	55.0	77.4	66.2		59.8
S04-21273 (E)	Public	63.6	43.4	51.9	53.0	55.0	69.9	62.5		57.7
S05-4678 (E)	Public	61.1	48.6	51.3	53.7	49.1	75.3	62.2		57.9
TN06-116RR (E)	Public	63.1	18.1	50.9	44.0	40.4	57.7	49.1		46.5
538.R	Schillinger	71.0	26.7	45.1	47.6	44.6	75.3	60.0		53.8
557.RC	Schillinger	64.4	31.1	42.3	45.9	39.8	72.6	56.2		51.1
TV52R14	Terral	62.8	24.9	45.1	44.3	39.9	67.3	53.6		48.9
TV52R28	Terral	59.0	35.5	46.2	46.9	52.3	64.7	58.5		52.7
TV54R28	Terral	63.1	40.8	48.6	50.8	51.4	69.4	60.4		55.6
TV55R15	Terral	62.9	44.9	53.8	53.9	53.4	76.9	65.2		59.5
TVX52R757 (E)	Terral	65.3	35.8	43.5	48.2	42.0	70.0	56.0		52.1
USG 7515nRS	USG	63.4	48.9	56.5	56.3	42.4	73.5	58.0		57.1
USG 7553nRS	USG	66.3	28.7	44.0	46.3	51.1	80.5	65.8		56.1
USG 75J18	USG	62.9	48.1	56.6	55.9	39.3	75.3	57.3		56.6
USG 75J47	USG	66.6	37.7	53.1	52.5	43.3	68.3	55.8		54.1
USG 75Z38	USG	76.1	36.2	54.9	55.7	43.9	69.8	56.9		56.3
USG Allen	USG	51.2	40.1	40.6	44.0	53.1	78.0	65.6		54.8
Overall mean		62.2	38.6	49.3	50.1	47.6	72.0	59.8		54.9
LSD (.10)		5.6	6.4	3.5		7.7	8.2			
Error degrees of freedom		172	172	172		172	172			
CV (%)		6.7	12.2	5.2		12.0	8.4			
R^2(%)		84	84	88		57	54			

[1](E) = Experimental.

Table 8. Summary of Yields for Maturity Group V Late Roundup Ready for the 2008 Mississippi Soybean Variety Trials.[1]

Variety	Brand	Clarksdale Irr.	Longwood Irr.	Stoneville Irr.	Delta avg.	Brooksville	Olive Branch	Hill avg.		Overall avg.
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*		*bu/A*
AGS606RR	AGS	60.8	44.0	47.3	50.7	49.1	73.0	61.1		55.9
AV 57D7RR	AgVenture	67.8	34.6	46.2	49.5	49.1	65.8	57.5		53.5
AG5803	Asgrow	63.0	35.1	48.2	48.8	44.2	80.3	62.3		55.5
AG5905	Asgrow	59.8	31.9	53.5	48.4	51.9	75.7	63.8		56.1
DG 5970RR	Delta Grow	65.4	40.9	53.2	53.2	57.4	79.2	68.3		60.7
DP5915RR	Asgrow	59.8	43.2	53.7	52.2	53.9	70.6	62.3		57.2
DG 32B57	Dyna-Gro	56.9	36.1	40.9	44.6	50.5	67.4	59.0		51.8
DG 33C59	Dyna-Gro	65.8	31.2	53.7	50.2	56.1	68.2	62.2		56.2
DG 36T60	Dyna-Gro	58.0	42.7	46.9	49.2	46.4	71.7	59.1		54.1
HBK R5727	Hornbeck	49.1	33.8	38.4	40.4	54.2	77.9	66.1		53.2
HBK R5825	Hornbeck	63.9	42.1	49.5	51.8	43.7	75.8	59.8		55.8
MorSoy RT5906N	MorSoy	64.9	44.3	53.6	54.3	53.6	74.3	64.0		59.1
95Y70	Pioneer	57.9	36.4	47.4	47.2	57.1	80.8	69.0		58.1
Progeny 5706RR	Progeny	63.2	40.3	52.6	52.0	51.1	79.1	65.1		58.6
R04-1276RR (E)	Public	56.7	29.7	36.8	41.1	47.2	66.8	57.0		49.0
TV57R16	Terral	65.8	44.4	48.5	52.9	55.9	64.7	60.3		56.6
TV59R16	Terral	75.9	42.5	53.9	57.4	54.3	69.2	61.8		59.6
USG 7582nRR	USG	69.7	29.9	54.1	51.2	45.3	64.2	54.8		53.0
USG 75J97	USG	61.6	41.1	51.3	51.3	50.7	79.7	65.2		58.3
USG 75Z98	USG	71.7	43.1	53.1	56.0	52.8	63.2	58.0		57.0
Overall mean		62.9	38.4	49.1	50.1	51.2	72.4	61.8		56.0
LSD (.10)		6.3	4.8	2.2		7.9	11.3			
Error degrees of freedom		38	38	38		38	38			
CV (%)		7.3	9.1	3.3		11.2	11.3			
R^2(%)		75	79	94		48	49			

[1](E) = Experimental.

Table 9. Summary of 2-Year Yields for Maturity Group IV for the 2007 and 2008 Mississippi Soybean Variety Trials.[1]

Variety	Brand	Longwood Irr.	Stoneville Irr.	Delta avg.	Brooksville	Hill avg.		Overall avg.
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*		*bu/A*
HBK C4926	Hornbeck	57.4	58.1	57.8	36.5	36.5		47.2
UA4805	Public	35.0	49.2	42.1	42.6	42.6		42.4
Overall mean		46.2	53.7	50.0	39.6	39.6		44.8

[1]All are released varieties.

Table 10. Summary of 2-Year Yields for Maturity Group V Early for the 2007 and 2008 Mississippi Soybean Variety Trials.[1]

Variety	Brand	Longwood Irr.	Stoneville Irr.	Delta avg.	Brooksville	Hill avg.		Overall avg.
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*		*bu/A*
HBK C5025	Hornbeck	60.1	59.6	59.9	36.0	36.0		47.9
DB01-5289 (E)	Public	39.6	51.4	45.5	40.2	40.2		42.9
DB03-10440 (E)	Public	36.5	50.7	43.6	39.1	39.1		41.4
DB03-1381 (E)	Public	28.0	51.2	39.6	34.5	34.5		37.1
DB03-8416 (E)	Public	46.2	55.3	50.8	41.3	41.3		46.0
Jake	Public	53.9	62.6	58.3	43.0	43.0		50.6
Osage	Public	49.3	65.3	57.3	43.3	43.3		50.3
Ozark	Public	40.6	55.4	48.0	39.7	39.7		43.9
Stoddard	Public	39.3	56.4	47.9	45.3	45.3		46.6
USG 5002T	USG	40.8	56.0	48.4	42.5	42.5		45.5
Overall mean		43.4	56.4	49.9	40.5	40.5		45.2

[1](E) = Experimental.

Table 11. Summary of 2-Year Yields for Maturity Group V Late for the 2007 and 2008 Mississippi Soybean Variety Trials.[1]

Variety	Brand	Longwood Irr.	Stoneville Irr.	Delta avg.	Brooksville	Hill avg.		Overall avg.
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*		*bu/A*
HBK C5894	Hornbeck	63.3	61.2	62.3	47.1	47.1		54.7
Overall mean		63.3	61.2	62.3	47.1	47.1		54.7

[1]All are released varieties.

Table 12. Summary of 2-Year Yields for Maturity Group III Roundup Ready for the 2007 and 2008 Mississippi Soybean Variety Trials.[1]

Variety	Brand	Stoneville Nonirr.	Delta avg.	Brooksville	Olive Branch	Hill avg.		Overall avg.
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*		*bu/A*
AG3803	Asgrow	26.1	26.1	21.6	48.7	35.2		30.7
AG3905	Asgrow	31.1	31.1	27.2	47.4	37.3		34.3
AG3906	Asgrow	26.5	26.5	21.6	54.9	38.3		32.4
Armor 39-K4	Armor	29.6	29.6	23.6	52.3	38.0		33.8
HBK R3824	Hornbeck	25.3	25.3	26.8	45.5	36.2		30.8
HBK R3927	Hornbeck	33.5	33.5	30.9	48.5	39.7		36.6
Overall Mean		28.7	28.7	25.3	49.5	37.5		33.1

Table 13. Summary of 2-Year Yields for Maturity Group IV Early Roundup Ready for the 2007 and 2008 Mississippi Soybean Variety Trials.[1]

Variety	Brand	Clarksdale Irr.	Clarksdale Nonirr.	Longwood Irr.	Delta avg.	Brooksville	Olive Branch	Hill avg.		Overall avg.
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*		*bu/A*
Armor ARX4560 (E)	Armor	65.6	31.8	58.7	52.0	35.7	50.7	43.2		47.6
AG4403	Asgrow	69.4	35.3	45.5	50.1	30.0	47.6	38.8		44.4
AG4404	Asgrow	62.1	28.9	41.8	44.3	27.9	45.8	36.9		40.6
AG4405	Asgrow	67.0	33.5	42.0	47.5	36.6	48.6	42.6		45.1
AG4605	Asgrow	65.8	31.6	53.5	50.3	30.3	45.7	38.0		44.2
AG4703	Asgrow	65.2	35.8	46.5	49.2	32.1	51.7	41.9		45.5
DKB46-51	Asgrow	67.8	34.7	49.4	50.6	30.2	52.2	41.2		45.9
DG4150RR	Delta Grow	53.8	36.1	33.5	41.1	32.2	41.5	36.9		39.0
DK 4667	Delta King	67.8	29.2	53.6	50.2	35.1	40.1	37.6		43.9
DP4546RR	Asgrow	68.2	32.9	49.9	50.3	33.0	45.9	39.5		44.9
DG 32R46	Dyna-Gro	57.8	29.9	50.5	46.1	33.7	47.6	40.7		43.4
DG 33Y45	Dyna-Gro	58.8	37.6	47.6	48.0	28.8	46.8	37.8		42.9
DG 37A44	Dyna-Gro	62.7	33.4	41.2	45.8	28.6	46.4	37.5		41.6
DG 37F46	Dyna-Gro	64.5	29.0	51.8	48.4	37.5	43.5	40.5		44.5
HBK R3824	Hornbeck	60.7	32.0	41.0	44.6	29.5	46.0	37.8		41.2
HBK R3927	Hornbeck	52.5	35.0	40.0	42.5	37.0	52.2	44.6		43.6
HBK R4527	Hornbeck	71.4	27.7	54.7	51.3	37.6	52.6	45.1		48.2
MorSoy RT 4485N	MorSoy	60.2	34.7	37.2	44.0	27.5	46.7	37.1		40.6
MorSoy RTS4556N	MorSoy	60.8	33.4	53.4	49.2	27.3	52.1	39.7		44.5
NK S46-U6 Brand	NK Brand	69.9	37.0	51.9	52.9	39.1	52.8	46.0		49.4
Progeny 4206RR	Progeny	63.5	37.1	51.1	50.6	27.7	46.2	37.0		43.8
Progeny 4405RR	Progeny	54.9	34.7	37.6	42.4	29.5	41.9	35.7		39.1
Progeny 4606RR	Progeny	53.9	33.3	45.9	44.4	33.1	44.7	38.9		41.6
457.RCP	Shillinger	64.0	36.2	49.8	50.0	32.0	42.5	37.3		43.6
TV44R27	Terral	62.7	35.7	41.9	46.8	30.8	41.7	36.3		41.5
TV45R18	Terral	64.5	33.1	42.5	46.7	28.2	48.5	38.4		42.5
TV46R15	Terral	63.0	30.4	49.4	47.6	28.3	44.3	36.3		42.0
USG 74A27	USG	54.2	31.9	47.9	44.7	29.2	50.6	39.9		42.3
Overall mean		62.6	33.3	46.8	47.6	31.7	46.8	39.3		43.4

[1](E) = Experimental.

Table 14. Summary of 2-Year Yields for Maturity Group IV Late Roundup Ready for the 2007 and 2008 Mississippi Soybean Variety Trials.[1]

Variety	Brand	Clarksdale Irr.	Clarksdale Nonirr.	Longwood Irr.	Stoneville Irr.	Delta avg.	Brooksville	Olive Branch	Hill avg.		Overall avg.
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*		*bu/A*
AV47G3 NRR	AgVenture	59.3	40.7	47.1	55.3	50.6	34.6	44.7	39.7		45.1
AV49D6	AgVenture	66.4	38.2	52.6	54.2	52.9	35.3	41.9	38.6		45.7
AG4703	Asgrow	57.9	48.7	41.3	50.7	49.7	35.6	46.3	41.0		45.3
AG4903	Asgrow	68.7	42.9	52.1	49.2	53.2	39.8	44.4	42.1		47.7
DK4866	Asgrow	71.9	44.6	53.0	60.7	57.6	36.7	41.2	39.0		48.3
DG 4780RR	Delta Grow	65.7	40.4	52.9	53.3	53.1	32.8	46.4	39.6		46.3
DG 4970RR	Delta Grow	62.7	50.0	47.0	52.1	53.0	34.4	48.3	41.4		47.2
DG4770RR	Delta Grow	58.4	43.6	44.7	52.1	49.7	33.5	46.9	40.2		45.0
DG4975RR	Delta Grow	70.1	42.9	52.5	54.4	55.0	39.9	46.7	43.3		49.1
DK 4968	Delta King	68.1	41.6	48.4	51.1	52.3	33.2	54.8	44.0		48.2
DK XTJ848 (E)	Delta King	65.2	47.3	51.0	55.1	54.7	29.8	49.6	39.7		47.2
DP 4888RR/S	Asgrow	70.8	44.2	53.3	52.9	55.3	32.8	48.7	40.8		48.0
DG 36Y48	Dyna-Gro	65.8	36.2	57.1	51.5	52.7	38.9	48.2	43.6		48.1
DG 37P49	Dyna-Gro	68.4	39.7	49.8	55.4	53.3	39.8	50.4	45.1		49.2
HBK R4727	Hornbeck	60.4	36.5	49.6	54.9	50.4	30.7	44.8	37.8		44.1
HBK R4924	Hornbeck	65.7	40.9	48.6	46.1	50.3	38.1	52.3	45.2		47.8
MorSoy RT4914N	MorSoy	56.2	47.5	46.4	54.4	51.1	35.5	50.2	42.9		47.0
MorSoy RT4955N	MorSoy	61.0	35.6	53.6	49.8	50.0	34.0	44.7	39.4		44.7
MorSoy RT4707N	MorSoy	58.6	38.8	49.7	53.0	50.0	36.6	50.5	43.6		46.8
NK S49-W6 Brand	NK Brand	61.0	46.8	42.3	51.8	50.5	32.6	39.5	36.1		43.3
94B73	Pioneer	65.0	50.6	45.0	54.2	53.7	30.0	49.6	39.8		46.8
94M80	Pioneer	57.3	45.8	41.6	49.0	48.4	34.8	48.2	41.5		45.0
Progeny 4706RR	Progeny	58.7	42.4	45.9	52.3	49.8	34.4	44.6	39.5		44.7

[1](E) = Experimental.

Table 14 (cont.). Summary of 2-Year Yields for Maturity Group IV Late Roundup Ready for the 2007 and 2008 Mississippi Soybean Variety Trials.[1]

Variety	Brand	Clarksdale Irr.	Clarksdale Nonirr.	Longwood Irr.	Stoneville Irr.	Delta avg.	Brooksville	Olive Branch	Hill avg.		Overall avg.
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*		*bu/A*
Progeny 4807RR	Progeny	64.2	40.1	52.7	56.6	53.4	35.2	44.0	39.6		46.5
Progeny 4906RR	Progeny	70.1	43.4	54.0	56.9	56.1	39.3	42.9	41.1		48.6
Progeny 4949RR	Progeny	62.1	40.4	54.4	56.3	53.3	32.9	45.4	39.2		46.2
495.RC	Shillinger	59.1	46.5	51.1	50.2	51.7	33.6	49.4	41.5		46.6
TV47R17	Terral	62.5	41.6	58.0	50.8	53.2	33.9	46.8	40.4		46.8
TV47R18	Terral	69.1	38.0	52.9	51.0	52.8	36.0	41.1	38.6		45.7
TV48R14	Terral	58.6	40.6	46.5	52.6	49.6	26.4	40.7	33.6		41.6
TV49R17	Terral	61.5	40.0	51.4	52.7	51.4	33.3	38.4	35.9		43.6
TV49R27	Terral	71.5	49.9	49.4	54.1	56.2	32.5	46.6	39.6		47.9
USG 7495nRS	USG	63.7	35.2	51.6	53.7	51.1	34.3	41.1	37.7		44.4
USG 74F78	USG	60.1	43.9	51.2	52.9	52.0	38.3	45.8	42.1		47.0
Overall mean		63.7	42.5	50.0	53.0	52.3	34.7	46.0	40.4		46.3

[1](E) = Experimental.

Table 15. Summary of 2-Year Yields for Maturity Group V Early Roundup Ready for the 2007 and 2008 Mississippi Soybean Variety Trials.[1]

Variety	Brand	Clarksdale Irr.	Longwood Irr.	Stoneville Irr.	Delta avg.	Brooksville	Olive Branch	Hill avg.		Overall avg.
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*		*bu/A*
AGS 568RR	AgSouth	63.9	49.4	58.4	57.2	58.8	51.8	55.3		56.3
AV 52P2	AgVenture	49.1	41.5	55.1	48.6	54.9	48.8	51.9		50.2
AV 50D2NRR	AgVenture	48.1	43.6	53.5	48.4	48.4	41.0	44.7		46.6
AV 53D3NRR	AgVenture	52.2	40.0	52.9	48.4	54.7	44.6	49.7		49.0
Armor GP-500	Armor	58.4	40.6	58.5	52.5	56.9	42.2	49.6		51.0
Armor GP-533	Armor	61.5	52.2	54.4	56.0	61.5	45.3	53.4		54.7
DK 5068	Asgrow	62.9	55.3	60.1	59.4	51.9	47.1	49.5		54.5
RC 5007	Croplan Genetics	56.9	37.1	54.0	49.3	52.3	48.3	50.3		49.8
RC 5332	Croplan Genetics	49.3	35.8	50.2	45.1	49.5	41.1	45.3		45.2
DG 5450RR	Delta Grow	43.7	42.6	46.1	44.1	56.0	52.1	54.1		49.1
DG 5555RR	Delta Grow	64.7	50.7	59.9	58.4	61.8	54.7	58.3		58.3
DG 5570RR	Delta Grow	54.7	38.8	54.2	49.2	59.2	52.9	56.1		52.6
DG 5630RR (E)	Delta Grow	53.6	43.3	57.6	51.5	58.8	49.5	54.2		52.8
DG5160RR	Delta Grow	54.5	46.6	53.7	51.6	46.3	44.7	45.5		48.6
DG5300RR	Delta Grow	47.6	32.8	54.4	44.9	53.5	45.6	49.6		47.2
DG5470RR	Delta Grow	50.2	47.3	53.0	50.2	49.7	40.6	45.2		47.7
DK 52K6	Delta King	60.1	52.0	59.1	57.1	62.4	49.5	56.0		56.5
DP 5335RR/S	Asgrow	61.7	48.5	55.9	55.4	51.4	39.9	45.7		50.5
DP5634RR	Asgrow	57.2	49.8	57.2	54.7	59.3	53.9	56.6		55.7
DG 31R54	Dyna-Gro	55.1	42.8	49.9	49.3	56.9	51.1	54.0		51.6
DG 32A53	Dyna-Gro	57.1	50.9	58.3	55.4	57.9	52.0	55.0		55.2
DG 33B52	Dyna-Gro	58.9	43.7	60.3	54.3	57.7	42.5	50.1		52.2
DG 33P54	Dyna-Gro	52.7	32.2	51.2	45.4	50.4	42.7	46.6		46.0
DG 33X55	Dyna-Gro	57.6	48.7	59.1	55.1	62.2	46.2	54.2		54.7
DG 34J56	Dyna-Gro	50.4	47.5	53.2	50.4	58.4	50.2	54.3		52.3
ESXVT-16 (E)	Eagle Seed	55.9	37.0	53.1	48.7	52.7	48.8	50.8		49.7
ESXVT-425 (E)	Eagle Seed	47.1	50.0	47.3	48.1	56.2	54.9	55.6		51.8
HBK R5226	Hornbeck	61.4	52.1	58.2	57.2	56.0	51.1	53.6		55.4
HBK R5425	Hornbeck	46.5	49.9	48.1	48.2	51.5	45.0	48.3		48.2
HBK R5525	Hornbeck	59.3	57.2	57.6	58.0	59.7	49.0	54.4		56.2
HBK RS5227	Hornbeck	55.1	34.6	50.1	46.6	51.6	40.3	46.0		46.3
MorSoy RT5306N (E)	MorSoy	55.4	35.3	52.3	47.7	54.1	45.6	49.9		48.8
NK S52-F2 Brand	NK Brand	56.3	29.7	52.2	46.1	55.2	51.3	53.3		49.7
NK S56-D7	NK Brand	55.6	46.7	55.5	52.6	60.7	48.0	54.4		53.5
95M50	Pioneer	57.6	49.5	55.3	54.1	56.8	46.7	51.8		52.9
Progeny 5115RR	Progeny	55.6	48.1	53.1	52.3	46.4	43.5	45.0		48.6
Progeny 5650RR	Progeny	57.3	53.6	60.6	57.2	61.1	52.8	57.0		57.1
557.RC	Shillinger	52.7	37.4	52.6	47.6	51.4	40.5	46.0		46.8
TV52R14	Terral	57.3	33.4	53.0	47.9	50.4	42.3	46.4		47.1

[1](E) = Experimental.

Table 15 (cont.). Summary of 2-Year Yields for Maturity Group V Early Roundup Ready for the 2007 and 2008 Mississippi Soybean Variety Trials.[1]

Variety	Brand	Clarksdale Irr.	Longwood Irr.	Stoneville Irr.	Delta avg.	Brooksville	Olive Branch	Hill avg.		Overall avg.
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*		*bu/A*
TV52R28	Terral	54.4	35.7	48.8	46.3	51.9	41.0	46.5		46.4
TV54R28	Terral	53.9	45.6	53.2	50.9	54.6	45.5	50.1		50.5
TV55R15	Terral	64.0	57.5	62.3	61.3	62.1	52.5	57.3		59.3
USG 7553nRS	USG	52.7	29.7	52.6	45.0	56.2	50.2	53.2		49.1
USG Allen	USG	52.4	50.1	51.4	51.3	57.7	51.0	54.4		52.8
Overall mean		55.3	44.2	54.5	51.3	55.4	47.2	51.3		51.3

[1](E) = Experimental.

Table 16. Summary of 2-Year Yields for Maturity Group V Late Roundup Ready for the 2007 and 2008 Mississippi Soybean Variety Trials.[1]

Variety	Brand	Clarksdale Irr.	Longwood Irr.	Stoneville Irr.	Delta avg.	Brooksville	Olive Branch	Hill avg.	Overall avg.
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*
AV 57D7RR	AgVenture	51.8	49.9	55.2	52.3	37.3	40.1	38.7	42.1
AG5905	Asgrow	51.7	48.3	59.2	53.1	39.1	48.0	43.6	45.9
DP5915RR	Asgrow	46.5	51.4	57.6	51.8	39.1	51.2	45.2	46.8
DG 32B57	Dyna-Gro	41.7	42.2	51.3	45.1	39.2	41.1	40.2	41.4
DG 33C59	Dyna-Gro	62.1	56.0	61.6	59.9	45.1	48.8	47.0	50.2
DG 5970RR	Dyna-Gro	58.6	53.4	58.1	56.7	42.8	54.0	48.4	50.5
HBK R5825	Hornbeck	51.5	47.4	53.3	50.7	34.4	52.5	43.5	45.3
Progeny 5706RR	Progeny	55.2	56.1	59.7	57.0	37.3	52.2	44.8	47.8
TV57R16	Terral	55.7	56.2	56.0	56.0	41.6	42.3	42.0	45.5
TV59R16	Terral	63.9	59.2	61.5	61.5	43.7	50.3	47.0	50.6
USG 7582nRR	USG	60.3	47.4	57.7	55.1	35.1	45.9	40.5	44.2
Overall mean		54.5	51.6	57.4	54.5	39.5	47.8	43.7	46.4

[1]All are released varieties.

Table 17. Summary of 3-Year Yields for Maturity Group IV for the 2006, 2007, and 2008 Mississippi Soybean Variety Trials.[1]

Variety	Brand	Longwood Irr.	Stoneville Irr.	Delta avg.	Brooksville	Hill avg.		Overall avg.
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*		*bu/A*
HBK C4926	Hornbeck	66.4	64.7	65.6	36.5	36.5		51.0
UA4805	Public	46.4	44.6	45.5	42.6	42.6		44.1
Average		56.4	54.7	55.6	39.6	39.6		47.6

[1]All are released varieties.

Table 18. Summary of 3-Year Yields for Maturity Group V Early for the 2006, 2007, and 2008 Mississippi Soybean Variety Trials.[1]

Variety	Brand	Longwood Irr.	Stoneville Irr.	Delta avg.		Overall avg.
		bu/A	*bu/A*	*bu/A*		*bu/A*
HBK C5025	Hornbeck	67.1	61.6	64.4		64.4
DB01-5289 (E)	Public	50.8	50.3	50.6		50.6
Jake	Public	61.7	59.8	60.8		60.8
Ozark	Public	46.1	53.9	50.0		50.0
Stoddard	Public	53.5	55.8	54.7		54.7
USG 5002T	Public	51.2	57.8	54.5		54.5
Overall mean		55.1	56.5	55.8		55.8

[1](E) = Experimental.

Table 19. Summary of 3-Year Yields for Maturity Group V Late for the 2006, 2007, and 2008 Mississippi Soybean Variety Trials.[1]

Variety	Brand	Longwood Irr.	Stoneville Irr.	Delta avg.		Overall avg.
		bu/A	*bu/A*	*bu/A*		*bu/A*
HBK C5894	Hornbeck	66.4	63.4	64.9		64.9
Overall mean		66.4	63.4	64.9		64.9

[1]All are released varieties.

Table 20. Summary of 3-Year Yields for Maturity Group III Roundup Ready for the 2006, 2007, and 2008 Mississippi Soybean Variety Trials.[1]

Variety	Brand	Stoneville Nonirr.	Delta avg.	Olive Branch	Hill avg.		Overall avg.
		bu/A	*bu/A*	*bu/A*	*bu/A*		*bu/A*
Armor 39-K4	Armor	30.5	30.5	46.5	46.5		38.5
AG3905	Asgrow	30.4	30.4	44.8	44.8		37.6
AG3906	Asgrow	26.9	26.9	49.9	49.9		38.4
HBK R3824	Hornbeck	26.0	26.0	45.2	45.2		35.6
Average		28.5	28.5	46.6	46.6		37.6

[1]All are released varieties.

Table 21. Summary of 3-Year Yields for Maturity Group IV Early Roundup Ready for the 2006, 2007, and 2008 Mississippi Soybean Variety Trials.[1]

Variety	Brand	Clarksdale Irr.	Clarksdale Nonirr.	Longwood Irr.	Delta avg.	Olive Branch	Hill avg.		Overall avg.
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*		*bu/A*
AG4403	Asgrow	51.1	32.3	51.2	44.9	46.4	46.4		45.6
AG4404	Asgrow	46.7	28.2	46.9	40.6	46.5	46.5		43.6
AG4703	Asgrow	48.7	35.6	53.0	45.8	48.3	48.3		47.0
DKB46-51	Asgrow	51.2	34.2	53.0	46.1	55.3	55.3		50.7
DG4150RR	Delta Grow	42.1	29.8	38.5	36.8	45.6	45.6		41.2
DK 4667	Delta King	49.8	37.6	58.6	48.7	41.5	41.5		45.1
DP4546RR	Asgrow	48.9	37.4	52.5	46.3	44.2	44.2		45.2
DG 32R46	Dyna-Gro	43.4	31.9	57.3	44.2	47.3	47.3		45.8
DG 37A44	Dyna-Gro	46.7	34.1	44.8	41.9	48.0	48.0		44.9
DG 37F46	Dyna-Gro	47.7	36.9	58.0	47.5	47.1	47.1		47.3
HBK R3824	Hornbeck	45.9	31.2	45.0	40.7	44.5	44.5		42.6
Morsoy RT4485N	MorSoy	53.3	37.8	42.3	44.5	49.4	49.4		46.9
Progeny 4206RR	Progeny	49.0	38.1	51.6	46.2	44.6	44.6		45.4
Progeny 4405RR	Progeny	43.5	35.8	43.2	40.8	44.4	44.4		42.6
TV44R27	Terral	55.6	35.2	43.9	44.9	32.5	32.5		38.7
TV46R15	Terral	46.8	31.1	52.4	43.4	42.7	42.7		43.1
Overall mean		47.7	34.2	49.7	43.9	47.1	47.1		45.5

[1]All are released varieties.

Table 22. Summary of 3-Year Yields for Maturity Group IV Late Roundup Ready for the 2006, 2007, and 2008 Mississippi Soybean Variety Trials.[1]

Variety	Brand	Clarksdale Irr.	Clarksdale Nonirr.	Longwood Irr.	Stoneville Irr.	Delta avg.	Olive Branch	Hill avg.		Overall avg.
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*		*bu/A*
49D6	Agventure	60.3	31.5	58.6	62.4	53.2	46.7	46.7		50.0
AG4703	Asgrow	46.7	39.3	52.1	57.2	48.8	46.3	46.3		47.6
AG4903	Asgrow	61.4	34.2	59.5	57.8	53.2	45.2	45.2		49.2
DK4866	Asgrow	61.5	35.0	63.1	67.4	56.8	42.1	42.1		49.4
DG4770RR	Delta Grow	48.4	37.9	49.3	58.8	48.6	44.0	44.0		46.3
DG4970RR	Delta Grow	52.1	38.7	53.8	54.4	49.8	49.0	49.0		49.4
DG4975RR	Delta Grow	63.9	34.0	58.5	63.3	54.9	45.9	45.9		50.4
DK4968	Delta King	58.5	33.1	55.9	54.7	50.6	53.5	53.5		52.0
DP 4888RR/S	Asgrow	56.2	35.9	58.8	59.1	52.5	49.2	49.2		50.9
DG 36Y48	Dyna-Gro	60.4	28.7	62.0	57.8	52.2	48.9	48.9		50.6
DG 37P49	Dyna-Gro	61.1	32.7	58.9	63.4	54.0	52.0	52.0		53.0
HBK R4924	Hornbeck	57.6	32.0	54.8	55.8	50.1	50.9	50.9		50.5
MorSoy RT 4914N	MorSoy	51.4	38.7	55.4	59.0	51.1	50.2	50.2		50.7
MorSoy RT 4955N	MorSoy	58.9	29.2	60.3	59.6	52.0	45.4	45.4		48.7
94B73	Pioneer	56.0	44.4	50.9	59.2	52.6	46.2	46.2		49.4
94M80	Pioneer	47.2	37.6	48.5	53.5	46.7	42.9	42.9		44.8
Progeny 4706RR	Progeny	50.5	36.7	54.2	59.0	50.1	44.8	44.8		47.5
Progeny 4906RR	Progeny	64.5	35.3	61.0	66.1	56.7	44.8	44.8		50.8
Progeny 4949RR	Progeny	58.1	33.2	59.2	61.5	53.0	43.9	43.9		48.5
495.RC	Shillinger	53.1	39.5	57.9	55.3	51.5	50.1	50.1		50.8
TV47R17	Terral	55.9	34.6	63.4	58.4	53.1	44.6	44.6		48.8
TV48R14	Terral	54.1	33.6	51.1	58.5	49.3	43.5	43.5		46.4
TV49R17	Terral	58.8	32.8	57.7	60.9	52.6	40.3	40.3		46.4
TV49R27	Terral	61.2	40.7	56.3	61.6	55.0	45.0	45.0		50.0
Overall mean		56.4	35.3	56.9	59.4	52.0	46.4	46.4		49.2

[1]All are released varieties.

Table 23. Summary of 3-Year Yields for Maturity Group V Early Roundup Ready for the 2006, 2007, and 2008 Mississippi Soybean Variety Trials.[1]

Variety	Brand	Clarksdale Irr.	Longwood Irr.	Stoneville Irr.	Delta avg.	Olive Branch	Hill avg.		Overall avg.
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*		*bu/A*
AGS 568RR	AgSouth	61.6	59.4	63.9	61.6	50.3	50.3		56.0
AV 52P2	AgVenture	53.6	49.8	61.6	55.0	47.0	47.0		51.0
Armor GP-533	Armor	59.9	61.6	60.9	60.8	44.3	44.3		52.6
DG5160RR	Delta Grow	53.6	55.0	60.7	56.4	45.3	45.3		50.9
DG5300RR	Delta Grow	47.2	44.4	61.2	50.9	45.8	45.8		48.4
DG5470RR	Delta Grow	51.6	52.2	57.6	53.8	40.1	40.1		47.0
DG5630RR (E)	Delta Grow	53.9	50.9	60.9	55.2	50.4	50.4		52.8
DK 52K6	Delta King	61.7	59.5	64.8	62.0	49.4	49.4		55.7
DP5634RR	Asgrow	61.8	56.9	64.5	61.1	51.7	51.7		56.4
DG 32A53	Dyna-Gro	59.3	57.0	64.5	60.3	48.8	48.8		54.5
DG 33B52	Dyna-Gro	57.4	51.7	64.9	58.0	41.6	41.6		49.8
DG 33X55	Dyna-Gro	58.3	56.4	63.7	59.5	44.7	44.7		52.1
DG 34J56	Dyna-Gro	53.8	56.7	60.3	56.9	50.4	50.4		53.7
ESXVT-16 (E)	Eagle Seed	57.6	47.6	53.1	52.8	42.7	42.7		47.7
HBK R5226	Hornbeck	60.9	58.7	64.0	61.2	48.6	48.6		54.9
HBK R5425	Hornbeck	49.8	53.3	52.7	51.9	44.1	44.1		48.0
HBK R5525	Hornbeck	57.7	61.7	62.0	60.5	46.9	46.9		53.7
MorSoy RT5306N (E)	MorSoy	49.3	46.4	56.7	50.8	45.1	45.1		48.0
NK S52-F2 Brand	NK Brand	59.3	41.5	58.6	53.1	48.7	48.7		50.9
NK S56-D7	NK Brand	62.8	55.3	63.4	60.5	48.2	48.2		54.4
95M50	Pioneer	57.4	57.7	59.8	58.3	44.8	44.8		51.6
Progeny 5115RR	Progeny	56.4	54.4	61.2	57.3	41.8	41.8		49.6
Progeny 5650RR	Progeny	56.9	60.3	65.4	60.9	51.1	51.1		56.0
TV52R14	Terral	57.3	45.8	56.1	53.1	43.0	43.0		48.0
TV55R15	Terral	64.2	64.5	69.9	66.2	50.6	50.6		58.4
USG 7553nRS	USG	48.5	41.5	58.1	49.4	49.0	49.0		49.2
Overall mean		56.6	53.9	61.2	57.2	46.7	46.7		52.0

[1](E) = Experimental.

Table 24. Summary of 3-Year Yields for Maturity Group V Late Roundup Ready for the 2006, 2007, and 2008 Mississippi Soybean Variety Trials.[1]

Variety	Brand	Clarksdale Irr.	Longwood Irr.	Stoneville Irr.	Delta avg.	Olive Branch	Hill avg.		Overall avg.
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*		*bu/A*
AG5905	Asgrow	58.3	55.3	63.1	58.9	54.7	54.7		56.8
AV 57D7RR	AgVenture	50.1	58.2	60.9	56.4	58.1	58.1		57.3
DP5915RR	Asgrow	47.7	56.1	58.2	54.0	58.1	58.1		56.1
HBK R5825	Hornbeck	56.3	55.0	60.1	57.1	50.1	50.1		53.6
Progeny 5706RR	Progeny	57.8	62.2	64.0	61.3	60.3	60.3		60.8
TV57R16	Terral	53.5	62.0	59.8	58.4	49.7	49.7		54.1
TV59R16	Terral	63.3	65.3	67.2	65.3	54.3	54.3		59.8
USG 7582nRR	USG	60.5	53.4	59.9	57.9	51.3	51.3		54.6
Overall mean		55.9	58.4	61.7	58.7	54.6	54.6		56.6

[1]All are released varieties.

Location 1. MAFES Delta Branch, Stoneville

Location Summary

Both the irrigated and nonirrigated tests were planted into a seedbed prepared in the spring by disking and field cultivating. The nonirrigated test was planted deeper than normal into less than ideal soil moisture conditions in order to plant in April. Plants slowly emerged to a good stand. Below-normal rainfall amounts in June and July greatly reduced yield potential in the nonirrigated tests. After the group III test was harvested, extremely heavy rainfall in early September caused 10-12 inches of water to stand in the plot area for 7 days. These extreme conditions destroyed any possibility for harvest of the remaining tests. The irrigated tests were planted into good soil moisture following rainfall in early May. Timely irrigation supplemented soil moisture, and yield potential was promising. However, the extremely heavy September rainfall followed by 1 week of standing water reduced seed quality and caused the group IV early test to be abandoned. The remaining tests were harvested without further weather delays.

Soil type	**Sharkey clay**
Soil pH	**6.5**
Soil fertility	**P=H; K=H**
Fertilizer added	**None**
Herbicide applications	**Preemergence — Roundup Weathermax @ 22 oz/A + Scepter @ 2.86 oz/A + Dual II Magnum @ 32 oz/A (Nonirrigated April 22 and Irrigated May 7)** **Postemergence — Roundup Ready – Roundup Weathermax @ 22 oz/A + First Rate @ 0.3 oz/A + Ultra Blazer @ 6 oz/A (Irrigated and Nonirrigated June 2)** **Roundup Weathermax @ 22 oz/A + Pursuit @ 1.44 oz/A + Ultra Blazer @ 6 oz/A Layby (Irrigated June 24)** **Conventional — Classic @ .66 oz/A + Ultra Blazer @ 6 oz/A + Select @ 10 oz/A (June 2)** **Pursuit @ 1.44 oz/A + Ultra Blazer @ 6 oz/A Layby (June 24)**
Irrigation	**June 28, July 19, and Aug. 1**
Planting date	**Group III – April 22; Group IV and V Conventional and Roundup Ready – May 7**
Harvest date	**Group III – Aug. 28; Group IV L RR – Sept. 25; Group V – Oct. 6**

Rainfall Summary

	Inches
May	6.89
June	0.42
July	1.64
August	6.03
September	12.18
October	1.88
Total	29.04

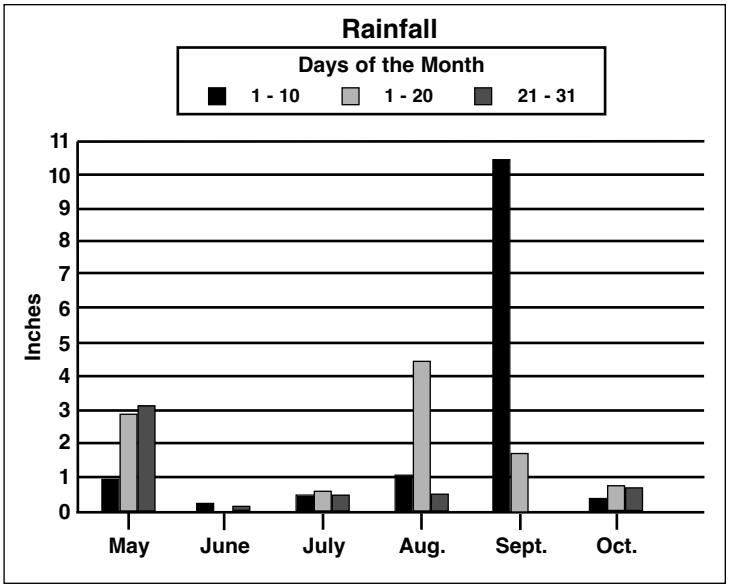

Table 25. Maturity Group IV Irrigated Soybeans (Delta Branch Experiment Station, Stoneville).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
HBK C4926	Hornbeck	56.9	58.1	64.7	9/18	36	1
AV 49X0	AgVenture	56.0	—	—	9/19	32	1
R00-1194F (E)	Public	51.4	—	—	9/17	25	1
UA4805	Public	40.3	49.2	44.6	9/19	14	1
Overall mean		51.2	53.7	54.7			
LSD (.10)		3.8					
Error degrees of freedom		6					
CV (%)		4.7					
R^2 (%)		94					

[1]Sharkey clay soil. All are released varieties.

Table 26. Maturity Group V Early Irrigated Soybeans (Delta Branch Experiment Station, Stoneville).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
Osage	Public	61.4	65.3	—	9/20	18	1
HBK C5025	Hornbeck	55.2	59.6	61.6	9/23	39	1
Jake	Public	52.6	62.6	59.8	9/20	18	1
USG 5002T	USG	52.3	56.0	57.8	9/23	16	1
Ozark	Public	48.5	55.4	53.9	9/23	15	1
DB03-8416 (E)	Public	47.9	55.3	—	9/24	17	1
DB03-10440 (E)	Public	46.9	50.7	—	9/22	17	1
Stoddard	Public	46.5	56.4	55.6	9/22	17	1
DB01-5289 (E)	Public	41.4	51.4	50.3	9/23	18	1
DB03-1381 (E)	Public	38.0	51.2	—	9/30	17	1
Overall mean		49.1	55.4	56.5			
LSD (.10)		6.3					
Error degrees of freedom		18					
CV (%)		9.1					
R^2 (%)		78					

[1]Sharkey clay soil. (E) = Experimental.

Table 27. Maturity Group V Late Irrigated Soybeans (Delta Branch Experiment Station, Stoneville).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
R01-976 (E)	Public	53.9	—	—	9/27	17	1
HBK C5894	Hornbeck	53.1	61.2	63.4	9/27	21	1
Overall mean			53.5	61.2	63.4		
LSD (.10)		11.3					
Error degrees of freedom		2					
CV (%)		8.9					
R^2 (%)		39					

[1]Sharkey clay soil. All are released varieties.

Table 28. Roundup Ready Maturity Group III Nonirrigated Soybeans (Delta Branch Experiment Station, Stoneville).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
HBK R3927	Hornbeck	27.2	33.5	—	8/22	23	1
AG3905	Asgrow	26.0	31.1	30.4	8/28	24	1
398.RCP	Schillinger	22.2	—	—	8/14	18	1
S04-20912 (E)	Public	21.3	—	—	8/20	16	1
Armor 39-K4	Armor	19.9	29.6	30.5	8/24	17	1
S04-3924 (E)	Public	19.5	—	—	8/24	20	1
AG4005	Asgrow	18.0	—	—	8/15	20	1
AG3803	Asgrow	17.9	26.1	—	8/16	18	1
HBK R3824	Hornbeck	17.9	25.3	26.0	8/17	21	1
Progeny 3906RR (E)	Progeny	17.5	—	—	8/24	18	1
AG3906	Asgrow	15.5	26.5	26.9	8/27	20	1
TN07-220RR (E)	Public	12.3	—	—	8/19	16	1
Overall mean		19.6	28.7	28.5			
LSD (.10)		4.2					
Error degrees of freedom		22					
CV (%)		15.3					
R^2 (%)		77					

[1]Sharkey clay soil. (E) = Experimental.

Table 29. Roundup Ready Maturity Group IV Late Irrigated Soybeans (Delta Branch Experiment Station, Stoneville).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
DK4866	Asgrow	60.4	60.7	67.4	9/15	32	1
P4807RR	Progeny	57.8	56.6	—	9/16	26	1
HBK R4727	Hornbeck	56.4	54.9	—	9/18	26	1
RC 4877	Croplan Genetics	55.9	—	—	9/14	27	1
Progeny 4906RR	Progeny	55.6	56.9	66.1	8/10	26	1
TV47R17	Terral	54.8	50.8	57.5	9/17	28	1
Progeny 4949RR	Progeny	54.6	56.3	61.5	9/14	32	1
USG 7495nRS	USG	54.5	53.7	—	9/08	30	1
DK 5068	Asgrow	54.0	—	—	9/13	22	1
47G3 NRR	AgVenture	54.0	55.3	—	9/12	25	1
Progeny 4706RR	Progeny	53.6	52.3	59.0	9/13	28	1
DK XTJ949 (E)	Delta King	53.5	—	—	9/15	24	1
94Y70	Pioneer	53.4	—	—	9/17	30	1
MorSoy RT4707N	MorSoy	53.2	53.0	—	9/16	29	1
478.RCS	Schillinger	52.9	—	—	9/13	29	1
DG4770RR	Delta Grow	52.7	52.1	58.8	9/14	22	1
DK XTJ848 (E)	Delta King	52.7	—	—	9/16	25	1
94Y90	Pioneer	52.5	—	—	9/12	29	1
USG 74A88	USG	52.2	—	—	9/09	26	1
TV49R17	Terral	51.9	52.7	58.7	9/16	29	1
DG 37P49	Dyna-Gro	51.8	55.4	63.4	9/12	38	1
DG 4780RR	Delta Grow	51.8	53.3	—	9/15	31	1
AG4907	Asgrow	51.5	—	—	9/14	28	1
MorSoy RT4888N (E)	MorSoy	51.4	—	—	9/14	30	1
DG 36Y48	Dyna-Gro	51.3	51.5	57.8	9/10	23	1
AG4705	Asgrow	51.3	—	—	9/12	27	1
TV47R18	Terral	51.2	—	—	9/10	22	1
USG 74F78	USG	51.2	52.9	—	9/13	29	1
USG 74A91	USG	51.2	—	—	9/10	29	1
ES 4818	Eagle Seed	50.9	—	—	9/13	29	1
49D6	AgVenture	50.8	54.2	62.4	9/17	25	1
DG4975LARR	Delta Grow	50.7	54.4	—	9/08	24	1
94B73	Pioneer	50.3	54.2	59.2	9/12	27	1
USG 74F96	USG	50.2	—	—	9/14	28	1
MorSoy RT4955N (E)	MorSoy	50.0	—	—	9/14	26	1
DP 4888RR/S	Asgrow	50.0	52.9	—	9/14	26	1

[1]Sharkey clay soil. (E) = Experimental.

Table 29 (cont.). Roundup Ready Maturity Group IV Late Irrigated Soybeans (Delta Branch Experiment Station, Stoneville).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
DG 4820RR	Delta Grow	49.9	—	—	9/06	32	1
Progeny 4908RR (E)	Progeny	49.7	—	—	9/15	28	1
TV48R14	Terral	49.5	52.6	58.5	9/16	22	1
DG 32P48	Dyna-Gro	49.5	—	—	9/14	27	1
MPV4808nRR	M-Pride	49.4	—	—	9/15	25	1
DG 4870RR	Delta Grow	49.4	—	—	9/08	29	1
AV 49X9RR	AgVenture	49.3	—	—	9/15	29	1
DK 4995	Delta King	49.2	—	—	9/12	24	1
MorSoy RT4914N (E)	MorSoy	48.7	—	—	9/15	29	1
TV49R27	Terral	48.4	54.1	—	9/16	24	1
TV49R19	Terral	48.4	—	—	9/14	30	1
DG 4970RR	Delta Grow	48.0	52.1	54.4	9/12	39	1
Nashville 749RR	Merschman	48.0	—	—	9/17	32	1
MPG 4907nRR/STS	M-Pride	48.0	—	—	9/08	25	1
DK 4968	Delta King	47.9	51.1	—	9/14	28	1
AG4903	Asgrow	47.7	49.2	57.8	9/19	28	1
94M80	Pioneer	47.6	49.0	53.5	9/16	26	1
495.RC	Schillinger	47.1	50.2	55.3	9/15	29	1
Progeny 4918RR (E)	Progeny	47.1	—	—	9/17	28	1
HBK R4828	Hornbeck	46.7	—	—	9/16	32	1
MorSoy RT4688N (E)	MorSoy	46.4	—	—	9/20	24	1
Progeny 4718RR (E)	Progeny	46.0	—	—	9/16	28	1
S05-4604 (E)	Public	45.7	—	—	9/15	28	1
NK S49-W6 Brand	NK Brand	45.3	51.8	—	9/19	32	1
Armor 47-G7	Armor	44.4	—	—	9/15	25	1
MPG 4705nRR	M-Pride	43.7	—	—	9/12	24	1
AG4703	Asgrow	43.5	50.7	57.2	9/15	28	1
ES 4906	Eagle Seed	43.2	—	—	9/13	28	1
HBK R4924	Hornbeck	42.9	46.1	55.8	9/18	28	1
ES 4991	Eagle Seed	42.4	—	—	9/13	24	1
ES 4777	Eagle Seed	41.9	—	—	9/15	30	1
RC 4757	Croplan Genetics	41.5	—	—	9/16	23	1
4782-4	Stine	41.1	50.8	61.3	9/19	27	1
Houston 747RR	Merschman	40.6	—	—	9/16	30	1
ESXVT-675 (E)	Eagle Seed	40.4	—	—	9/17	29	1
Armor ARX4717 (E)	Armor	36.5	—	—	9/17	29	1
Overall mean		49.4	53.0	59.1			
LSD (.10)		4.3					
Error degrees of freedom		144					
CV (%)		6.4					
R^2 (%)		75					

[1]Sharkey clay soil. (E) = Experimental.

Table 30. Roundup Ready Maturity Group V Early Irrigated (Delta Branch Experiment Station, Stoneville).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
DK 5068	Asgrow	60.0	—	—	9/21	31	1
AG5503	Asgrow	60.0	—	—	9/29	31	1
MorSoy RT5168N (E)	MorSoy	59.5	—	—	9/21	31	1
DG5160RR	Delta Grow	57.5	53.7	60.7	9/21	31	1
95Y40	Pioneer	56.9	—	—	9/24	21	1
AV 50X6RR	AgVenture	56.6	—	—	9/22	31	1
USG 75J18	USG	56.6	—	—	9/23	26	1
USG 7515nRS	USG	56.5	—	—	9/20	29	1
DP 5335RR/S	Asgrow	56.4	55.9	—	9/22	32	1
Progeny 5107RR	Progeny	56.0	—	—	9/27	38	1
DG 5170RR	Delta Grow	55.8	—	—	9/20	28	1
Progeny 5115RR	Progeny	55.1	53.1	61.2	9/20	33	1
DG 35F55	Dyna-Gro	55.0	—	—	9/24	25	1
USG 75Z38	USG	54.9	—	—	9/23	21	1
AV 50D2NRR	AgVenture	54.7	—	—	9/24	32	1
Progeny 5218RR (E)	Progeny	54.7	—	—	9/26	23	1
DK XTJ950 (E)	Delta King	54.6	—	—	9/21	29	1
AG5606	Asrow	54.4	—	—	9/27	27	1
Progeny 5650RR	Progeny	54.1	60.6	65.4	9/28	22	1
TV55R15	Terral	53.8	62.3	69.9	9/22	25	1
DG5470RR	Delta Grow	53.8	53.0	57.6	9/29	37	1
DG 5555RR	Delta Grow	53.6	59.9	—	9/26	27	1
MorSoy RT5288N (E)	MorSoy	53.2	—	—	9/26	23	1
Olympus 854RR	Merschman	53.1	—	—	9/27	20	1
USG 75J47	USG	53.1	—	—	9/27	18	1
Progeny 5408RR (E)	Progeny	53.0	—	—	9/25	21	1
MorSoy RT5688N (E)	MorSoy	52.9	—	—	9/27	28	1
DG 5280RR	Delta Grow	52.5	—	—	9/25	22	1
RC 5007	Croplan Genetics	52.3	54.0	—	9/20	24	1
MPV 5407nRR	M-Pride	52.1	—	—	9/26	31	1
Armor GP-500	Armor	52.1	58.5	—	9/23	25	1
S04-21273 (E)	Public	51.9	—	—	9/26	28	1
DG 33B52	Dyna-Gro	51.8	60.3	64.9	9/21	18	1
Progeny 5622RR	Progeny	51.8	—	—	9/27	22	1
Progeny 5108RR (E)	Progeny	51.8	—	—	9/20	30	1
S05-4678 (E)	Public	51.3	—	—	9/25	35	1
95Y41	Pioneer	51.3	—	—	9/21	26	1
HBK R5226	Hornbeck	51.2	58.2	64.0	9/26	18	1
MPV 5308nRR	M-Pride	51.2	—	—	9/25	25	1
MorSoy RT5388N (E)	MorSoy	51.1	—	—	9/25	22	1
TN06-116RR (E)	Public	50.9	—	—	9/22	21	1
AV 51X5RR	AgVenture	50.9	—	—	9/22	32	1
DG 32A53	Dyna-Gro	50.7	58.3	64.5	9/22	21	1
DG 5630RR (E)	Delta Grow	50.6	57.6	60.9	9/27	24	1
Progeny 5208RR (E)	Progeny	49.6	—	—	9/20	26	1
DG5300RR	Delta Grow	49.4	54.4	61.2	9/21	19	1
AG5304	Asgrow	49.3	—	—	9/25	19	1
DP5634RR	Asgrow	49.1	57.2	64.5	9/26	23	1
HBK R5525	Hornbeck	49.0	57.6	62.0	9/28	23	1
ES 5121	Eagle Seed	48.9	—	—	9/21	34	1
TV54R28	Terral	48.6	53.2	—	9/24	22	1
AG5405	Asgrow	48.2	—	—	9/26	20	1
MPG 5505nRR/STS	M-Pride	48.1	—	—	9/24	21	1
ESXVT-155 (E)	Eagle Seed	47.8	—	—	9/23	20	1
95M50	Pioneer	47.7	55.3	59.8	9/27	22	1
ESXVT-16 (E)	Eagle Seed	47.5	53.1	57.9	9/26	21	1
DG 33X55	Dyna-Gro	46.8	59.1	63.7	9/24	22	1
DG 33P54	Dyna-Gro	46.5	51.2	—	9/25	15	1
AGS 568RR	AgSouth	46.4	58.4	63.9	9/26	21	1
TV52R28	Terral	46.2	48.8	—	9/23	23	1
MorSoy RT5306N (E)	MorSoy	46.1	52.3	56.7	9/26	23	1
AV 54X4	AgVenture	45.9	—	—	9/26	24	1
NK S56-D7	NK Brand	45.8	55.5	63.4	9/24	25	1
52P2	AgVenture	45.7	55.1	—	9/26	25	1
DK 52K6	Delta King	45.5	59.1	64.8	9/24	21	1

[1]Sharkey clay soil. (E)= Experimental.

Table 30 (cont.). Roundup Ready Maturity Group V Early Irrigated (Delta Branch Experiment Station, Stoneville).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
TV52R14	Terral	45.1	53.0	56.1	9/23	23	1
538.R	Schillinger	45.1	—	—	9/26	21	1
95Y20	Pioneer	44.9	—	—	9/24	18	1
DG 34J56	Dyna-Gro	44.1	53.2	60.3	9/25	26	1
USG 7553nRS	USG	44.0	52.6	58.1	9/24	21	1
AV 53D3NRR	AgVenture	43.5	52.9	—	9/25	25	1
TVX52R757 (E)	Terral	43.5	—	—	9/27	19	1
ES XVT-19 (E)	Eagle Seed	43.2	—	—	9/27	28	1
AG5504	Asgrow	43.1	—	—	9/24	17	1
DG 5570RR	Delta Grow	42.7	54.2	—	9/27	23	1
RC 5332	Croplan Genetics	42.5	50.2	—	9/26	19	1
HBK RS5227	Hornbeck	42.4	50.1	—	9/23	16	1
Armor GP-533	Armor	42.3	54.4	60.9	9/26	17	1
557.RC	Schillinger	42.3	52.6	—	9/23	17	1
HBK R5425	Hornbeck	41.8	48.1	52.7	9/28	41	1
C5417R	Crow's	41.5	—	—	9/25	22	1
Progeny 5308RR (E)	Progeny	41.3	—	—	9/27	23	1
USG Allen	USG	40.6	51.4	—	9/26	26	1
DG 31R54	Dyna-Gro	40.3	49.9	—	9/25	18	1
NK S52-F2 Brand	NK Brand	40.0	52.2	58.6	9/23	18	1
ESXVT-425 (E)	Eagle Seed	34.3	47.3	—	9/26	19	1
DG 5450RR	Delta Grow	33.4	46.1	—	9/26	18	1
Overall mean		49.3	54.4	61.4			
LSD (.10)		3.5					
Error degrees of freedom		174					
CV (%)		5.2					
R^2 (%)		88					

[1]Sharkey clay soil. (E)= Experimental.

Table 31. Roundup Ready Maturity Group V Late Irrigated (Delta Branch Experiment Station, Stoneville).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
USG 7582nRR	USG	54.1	57.7	59.9	9/26	19	1
TV59R16	Terral	53.9	61.5	67.2	9/27	21	1
DP5915RR	Asgrow	53.7	57.6	58.2	9/29	25	1
DG 33C59	Dyna-Gro	53.7	61.6	—	9/27	20	1
MorSoy RT5906N	MorSoy	53.6	—	—	9/27	27	1
AG5905	Asgrow	53.5	59.2	63.1	9/28	23	1
DG 5970RR	Delta Grow	53.2	58.1	—	9/27	25	1
USG 75Z98	USG	53.1	—	—	9/26	24	1
Progeny 5706RR	Progeny	52.6	59.7	64.0	9/27	24	1
USG 75J97	USG	51.3	—	—	9/27	24	1
HBK R5825	Hornbeck	49.5	53.3	60.1	9/28	24	1
TV57R16	Terral	48.5	56.0	59.8	9/27	28	1
AG5803	Asgrow	48.2	—	—	9/25	26	1
95Y70	Pioneer	47.4	—	—	9/26	26	1
AGS606RR	AGS	47.3	—	—	9/27	23	1
DG 36T60	Dyna-Gro	46.9	—	—	9/27	19	1
AV 57D7RR	AgVenture	46.2	55.2	60.9	9/26	20	1
DG 32B57	Dyna-Gro	40.9	51.3	—	9/24	23	1
HBK R5727	Hornbeck	38.4	—	—	9/24	22	1
R04-1276RR (E)	Public	36.8	—	—	9/22	25	1
Overall mean		49.1	57.4	61.2			
LSD (.10)		2.2					
Error degrees of freedom		38					
CV (%)		3.3					
R^2 (%)		94					

[1]Sharkey clay soil. (E) = Experimental.

Location 2. Dulaney Farms, Inc., Clarksdale (Irrigated)

Location Summary

Soybeans were planted into good soil moisture on stale seedbed prepared the previous fall, and good stands were established. Temperatures were normal during the growing season with no periods of extremely high temperatures. However, June and July rainfall was below normal. Soil moisture was maintained by timely irrigation, and excellent yields were produced. There were no weather-related delays during harvest.

Soil type	**Tunica clay loam**
Soil pH	**7.0**
Soil fertility	**P=H; K=H**
Fertilizer added	**None**
Herbicide applications	**Preemergence — Roundup Weathermax @ 22 oz/A + Scepter @ 2.86 oz/A + Dual II Magnum @ 32 oz/A (April 21)** **Postemergence — Roundup Weathermax @ 22 oz/A + First Rate @ 0.3 oz/A June 6** **Roundup Weathermax @ 22 oz/A + Pursuit @ 1.44 oz/A Layby (June 19)**
Irrigation	**June 10, June 22, July 4, July 16, and July 28**
Planting date	**April 21**
Harvest date	**Group IV E RR – Sept. 19; Group IV L RR – Sept. 23; Group V – Oct. 3**

Rainfall Summary

	Inches
May	3.26
June	0.50
July	1.75
August	6.25
September	3.00
Total	14.76

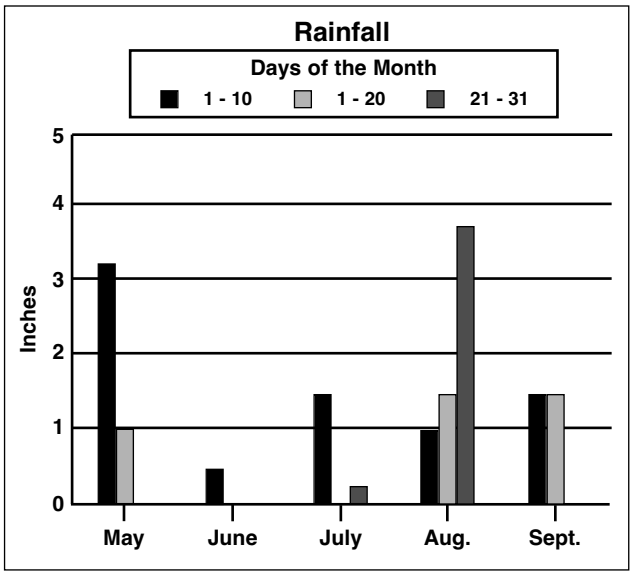

Table 32. Roundup Ready Maturity Group IV Early Irrigated Soybeans (Dulaney Farms, Coahoma County).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
Progeny 4206RR	Progeny	80.0	63.5	55.7	9/08	36	1
AG4605	Asgrow	79.2	65.8	—	9/08	28	1
NK S46-U6 Brand	NK Brand	76.1	69.9	—	9/08	32	1
AG4403	Asgrow	75.8	69.4	55.0	9/02	38	2
C4517R	Crow's	75.7	—	—	9/06	32	1
MPG-X-48-2nRR (E)	M-Pride	75.5	—	—	9/14	32	1
94Y60	Pioneer	75.3	—	—	9/14	34	1
AV 46P1	AgVenture	75.2	—	—	9/12	36	3
MPG-X-48-3nRR (E)	M-Pride	75.1	—	—	9/12	28	1
Progeny 4508RR (E)	Progeny	74.7	—	—	9/06	40	4
USG 74H48	USG	74.7	—	—	9/10	31	1
NK S44-D5 Brand	NK Brand	74.2	—	—	9/10	38	2
MorSoy RTS4556N	MorSoy	74.0	60.8	—	9/16	28	1
RC 4455	Croplan Genetics	73.8	—	—	9/10	39	2
Armor 42-M1 (E)	Armor	73.4	—	—	9/10	38	2
458.RCS (E)	Schillinger	73.2	—	—	9/12	34	1
Norfolk 741RR	Merschman	72.5	—	—	9/08	35	1
AG4405	Asgrow	72.1	67.0	—	9/14	35	1
C4119R	Crow's	72.1	—	—	9/08	36	2
DKB46-51	Asgrow	71.9	67.8	50.5	9/08	33	1
Armor ARX4560 (E)	Armor	71.8	—	—	9/14	30	1
DG 37A44	Dyna-Gro	71.6	62.7	53.7	9/12	38	3
TV44R27	Terral	71.1	62.7	—	9/10	39	2
ES 4661RR	Eagle Seed	71.1	—	—	9/08	40	2
457.RCP	Schillinger	70.9	64.0	—	9/08	33	1
AG4705	Asgrow	70.9	—	—	9/10	28	1
NK S43-N6 Brand	NK Brand	70.9	—	—	9/10	34	2
AG4404	Asgrow	70.6	62.1	50.3	9/10	44	2
RC 4417	Croplan Genetics	70.6	—	—	9/08	32	1
EXP 460 (E)	JGL	70.2	—	—	9/12	42	3
DG 36C44	Dyna-Gro	70.0	—	—	9/14	37	3
Progeny 4408RR (E)	Progeny	69.9	—	—	9/12	38	2
AV 46J5NRR	AgVenture	69.6	—	—	9/08	38	1
AG4606	Asgrow	69.4	—	—	9/08	37	2
DK 4667	Delta King	69.1	67.8	63.3	6/12	32	1
MorSoy RTS4488N (E)	MorSoy	68.9	—	—	9/08	37	2
USG 74E68	USG	68.7	—	—	9/12	36	2
DK XTJ946 (E)	Delta King	68.6	—	—	9/10	33	1
HBK R4527	Hornbeck	68.5	71.4	—	9/10	40	2
USG 74A45	USG	68.4	—	—	9/10	39	2
DP4546RR	Asgrow	68.2	68.2	60.9	9/12	35	2
MorSoy RT4485N (E)	MorSoy	67.9	—	—	9/10	27	1
TV46R15	Terral	67.5	63.0	52.8	9/08	40	2
USG 74A27	USG	67.4	54.2	—	9/10	39	2
Progeny 4405RR	Progeny	67.2	54.9	49.3	9/10	40	2
TV45R18	Terral	67.1	—	—	9/08	31	1
HBK R3824	Hornbeck	66.9	60.7	50.3	9/12	41	3
AG4703	Asgrow	66.8	65.2	55.2	9/08	41	2
ES 4333RR	Eagle Seed	66.8	—	—	9/08	41	2
448.RCS (E)	Schillinger	66.5	—	—	9/08	36	2
94Y20	Pioneer	66.2	—	—	9/08	37	2
DG 37F46	Dyna-Gro	66.1	64.5	60.6	9/10	36	1
DG4150RR	Delta Grow	63.0	53.8	41.6	9/10	33	2
Progeny 4606RR	Progeny	62.7	53.9	—	9/10	37	2
DG 32R46	Dyna-Gro	62.7	57.8	50.5	9/12	27	1
AG4303	Asgrow	62.5	—	—	*/11	36	2
DG 33Y45	Dyna-Gro	62.3	58.8	—	9/08	36	1
DG 31J39	Dyna-Gro	59.8	—	—	9/10	38	2
TN07-266RR (E)	Public	57.6	—	—	9/12	38	2
HBK R3927	Hornbeck	56.1	52.5	—	9/02	36	2
MPG 4406nRR	M-Pride	51.1	—	—	9/08	41	3
TV46R19	Terral	45.6	—	—	9/08	41	1
Overall mean		69.2	62.3	53.4			
LSD (.10)		12.9					
Error degrees of freedom		126					
CV (%)		13.8					
R^2 (%)		38					

[1]Tunica clay loam soil. (E) = Experimental.

Table 33. Roundup Ready Maturity Group IV Late Irrigated Soybeans (Dulaney Farms, Coahoma County).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
RC 4757	Croplan Genetics	78.9	—	—	10/1	32	1
DG 37P49	Dyna-Gro	78.8	68.4	51.9	9/27	36	1
DK4866	Asgrow	78.6	71.9	53.2	9/29	39	1
Houston 747RR	Merschman	77.9	—	—	9/30	32	1
Nashville 749RR	Merschman	77.6	—	—	9/29	37	1
4782-4	Stine	77.3	71.4	52.3	10/2	32	1
AG4903	Asgrow	77.1	68.7	51.4	10/1	35	1
DG 36Y48	Dyna-Gro	76.9	65.8	48.4	10/2	39	1
DG 4820RR	Delta Grow	76.3	—	—	9/30	36	1
Progeny 4718RR (E)	Progeny	76.2	—	—	9/28	33	1
478.RCS	Schillinger	76.2	—	—	10/1	33	1
94Y70	Pioneer	75.9	—	—	10/2	36	1
USG 74A91	USG	75.3	—	—	10/2	38	1
MorSoy RT4955N (E)	MorSoy	75.2	—	—	10/2	41	1
Progeny 4918RR (E)	Progeny	75.1	—	—	9/29	35	1
USG 74A88	USG	75.0	—	—	9/27	35	1
AG4703	Asgrow	74.9	57.9	45.4	9/27	29	1
DK XTJ949 (E)	Delta King	74.5	—	—	10/2	41	1
HBK R4924	Hornbeck	74.4	65.7	48.5	10/2	45	1
DG 32P48	Dyna-Gro	74.3	—	—	10/2	37	1
P4807RR	Progeny	74.0	64.2	—	10/1	36	1
DP 4888RR/S	Asgrow	73.9	70.8	—	9/28	39	1
TV49R27	Terral	73.7	71.5	—	9/30	42	1
DG 4870RR	Delta Grow	73.4	—	—	9/30	35	1
DK 5068	Asgrow	73.3	—	—	10/1	39	1
MPG 4907nRR/STS	M-Pride	73.1	—	—	10/2	42	1
AG4907	Asgrow	72.9	—	—	10/1	39	1
MorSoy RT4888N (E)	MorSoy	72.8	—	—	9/30	40	1
94B73	Pioneer	72.7	65.0	54.0	10/2	32	1
DG4975LARR	Delta Grow	72.7	70.1	—	9/30	41	1
DG 4780RR	Delta Grow	72.6	65.7	—	10/1	41	1
Progeny 4908RR (E)	Progeny	72.5	—	—	10/2	42	1
USG 7495nRS	USG	72.2	63.7	—	10/1	40	1
Progeny 4906RR	Progeny	71.9	70.1	53.1	9/29	40	1
AG4705	Asgrow	71.9	—	—	9/27	38	1
DG4770RR	Delta Grow	71.8	58.4	47.7	9/30	42	1
TV47R18	Terral	71.8	—	—	9/29	41	1
Armor 47-G7	Armor	71.7	—	—	9/29	36	1
495.RC	Schillinger	71.2	59.1	47.9	10/2	41	1
TV47R17	Terral	71.2	62.5	—	10/2	46	1
49D6	AgVenture	71.0	66.4	50.4	10/1	48	1
DK XTJ848 (E)	Delta King	70.9	—	—	10/2	45	1
RC 4877	Croplan Genetics	70.7	—	—	10/2	38	1
MPG 4705nRR	M-Pride	70.4	—	—	9/28	32	1
MorSoy RT4688N (E)	MorSoy	70.3	—	—	9/28	33	1
Progeny 4706RR	Progeny	70.0	58.7	47.5	9/28	35	1
Progeny 4949RR	Progeny	69.9	62.1	47.7	9/29	43	1
USG 74F78	USG	69.6	60.1	—	9/28	34	1
USG 74F96	USG	69.5	—	—	10/2	38	1
MorSoy RT4914N (E)	MorSoy	69.4	—	—	10/2	41	1
94Y90	Pioneer	69.3	—	—	10/1	37	1
S05-4604 (E)	Public	68.7	—	—	10/2	45	1
DK 4968	Delta King	68.6	68.1	—	10/1	41	1
ES 4906	Eagle Seed	68.5	—	—	10/2	35	1
HBK R4727	Hornbeck	68.3	60.4	—	9/30	38	1
ES 4818	Eagle Seed	68.3	—	—	10/2	38	1
NK S49-W6 Brand	NK Brand	67.9	61.0	—	10/2	33	1
ES 4777	Eagle Seed	67.8	—	—	10/2	34	1
TV48R14	Terral	67.5	58.6	45.5	10/2	45	1
47G3 NRR	AgVenture	67.4	59.3	—	10/1	38	1
MPV4808nRR	M-Pride	67.1	—	—	10/2	48	1
94M80	Pioneer	67.0	57.3	45.3	10/1	43	1
MorSoy RT4707N	MorSoy	67.0	58.6	—	9/30	35	1
DG 4970RR	Delta Grow	66.9	62.7	47.1	10/2	42	1
TV49R19	Terral	66.2	—	—	9/30	37	1

[1]Tunica clay loam soil. (E) = Experimental.

Table 33 (cont.). Roundup Ready Maturity Group IV Late Irrigated Soybeans (Dulaney Farms, Coahoma County).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
Armor ARX4717 (E)	Armor	65.6	—	—	10/1	31	1
TV49R17	Terral	65.5	61.5	—	9/30	43	1
ESXVT-675 (E)	Eagle Seed	64.5	—	—	10/2	45	1
DK 4995	Delta King	63.1	—	—	10/2	48	1
AV 49X9RR	AgVenture	61.4	—	—	10/2	38	1
ES 4991	Eagle Seed	60.0	—	—	10/2	45	1
HBK R4828	Hornbeck	57.8	—	—	10/2	58	1
Overall mean		71.3	63.8	49.1			
LSD (.10)		6.1					
Error degrees of freedom		144					
CV (%)		6.3					
R^2 (%)		59					

[1]Tunica clay loam soil. (E) = Experimental.

Table 34. Roundup Ready Maturity Group V Early Irrigated Soybeans (Dulaney Farms, Coahoma County).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
AG5405	Asgrow	82.1	—	—	9/22	29	1
USG 75Z38	USG	76.1	—	—	9/25	27	1
Progeny 5218RR (E)	Progeny	75.5	—	—	9/25	34	1
AG5503	Asgrow	75.4	—	—	9/25	42	1
MorSoy RT5288N (E)	MorSoy	73.8	—	—	9/27	29	1
AG5606	Asgrow	73.3	—	—	9/29	39	2
95Y40	Pioneer	73.0	—	—	9/23	30	1
Armor GP-500	Armor	71.6	58.4	—	9/20	30	1
DG 5280RR	Delta Grow	71.3	—	—	9/24	30	1
ESXVT-155 (E)	Eagle Seed	71.1	—	—	9/08	31	1
AG5304	Asgrow	71.0	—	—	9/25	29	1
538.R	Schillinger	71.0	—	—	9/26	32	1
MPV 5308nRR	M-Pride	70.0	—	—	9/23	33	1
95Y41	Pioneer	70.0	—	—	9/18	30	1
AV 51X5RR	AgVenture	69.9	—	—	9/22	50	1
HBK R5226	Hornbeck	69.4	61.4	60.9	9/18	30	1
Olympus 854RR	Merschman	68.8	—	—	9/25	31	1
95M50	Pioneer	68.7	57.6	57.4	9/28	31	1
HBK R5525	Hornbeck	68.3	59.3	57.7	9/29	34	1
MorSoy RT5688N (E)	MorSoy	67.2	—	—	9/29	36	1
USG 75J47	USG	66.6	—	—	9/28	27	1
USG 7553nRS	USG	66.3	52.7	48.5	9/27	31	1
Armor GP-533	Armor	66.3	61.5	59.9	9/25	32	1
AV 54X4RR	AgVenture	66.3	—	—	9/25	33	1
AV 53D3NRR	AgVenture	65.3	52.2	—	9/22	35	1
TVX52R757 (E)	Terral	65.3	—	—	9/27	31	1
DG 5555RR	Delta Grow	64.6	64.7	—	9/26	41	1
MPG 5505nRR/STS	M-Pride	64.5	—	—	9/20	28	1
557.RC	Schillinger	64.4	52.7	—	9/26	28	1
ESXVT-16 (E)	Eagle Seed	64.2	55.9	—	9/29	30	1
DG 32A53	Dyna-Gro	64.2	58.9	57.4	9/22	33	1
DG 33B52	Dyna-Gro	64.0	—	—	9/25	29	1
AV 50X6RR	AgVenture	64.0	—	—	9/17	43	2
MorSoy RT5388N (E)	MorSoy	63.7	—	—	9/25	37	1
S04-21273 (E)	Public	63.6	—	—	9/29	42	1
Progeny 5408RR (E)	Progeny	63.6	—	—	9/25	31	1
USG 7515nRS	USG	63.4	—	—	9/18	42	2
TV54R28	Terral	63.1	53.9	—	9/25	34	1
TN06-116RR (E)	Public	63.1	—	—	9/18	29	1
52P2	AgVenture	63.0	49.1	—	9/18	32	1

[1]Tunica clay loam soil. (E) = Experimental.

Table 34 (cont.). Roundup Ready Maturity Group V Early Irrigated Soybeans (Dulaney Farms, Coahoma County).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
TV55R15	Terral	62.9	64.0	64.2	9/22	38	1
Progeny 5308RR (E)	Progeny	62.9	—	—	9/25	32	1
USG 75J18	USG	62.9	—	—	9/22	35	1
TV52R14	Terral	62.8	57.3	57.3	9/24	35	1
MorSoy RT5306N (E)	MorSoy	62.8	55.4	49.3	9/22	34	2
MorSoy RT5168N (E)	MorSoy	62.7	—	—	9/17	45	2
Progeny 5208RR (E)	Progeny	62.6	—	—	9/18	40	1
DG 35F55	Dyna-Gro	62.5	—	—	9/22	40	2
DK 5068	Asgrow	62.4	—	—	9/18	42	1
HBK RS5227	Hornbeck	62.2	55.1	—	9/22	36	1
RC 5007	Croplan Genetics	62.1	56.9	—	9/20	36	1
DP 5335RR/S	Asgrow	61.7	61.7	—	9/22	45	1
DG 33P54	Dyna-Gro	61.4	52.7	—	9/25	26	1
DG 31R54	Dyna-Gro	61.4	55.1	—	9/22	29	1
Progeny 5622RR	Progeny	61.4	—	—	9/25	36	1
S05-4678 (E)	Public	61.1	—	—	9/22	43	2
AGS 568RR	AgSouth	60.2	63.9	61.6	9/26	37	1
DG 5170RR	Delta Grow	59.8	—	—	9/20	32	1
NK S52-F2 Brand	NK Brand	59.6	—	—	9/18	36	1
Progeny 5650RR	Progeny	59.5	57.3	56.9	9/29	43	1
DP5634RR	Asgrow	59.0	57.2	61.8	9/25	40	1
DG 33X55	Dyna-Gro	59.0	57.6	58.3	9/27	33	1
DK 52K6	Delta King	59.0	60.1	61.7	9/18	36	1
TV52R28	Terral	59.0	54.4	—	9/18	39	2
C5417R	Crow's	58.3	—	—	9/22	32	1
DG5160RR	Delta Grow	58.0	54.5	53.6	9/20	47	2
AV 50D2NRR	AgVenture	57.7	—	—	9/18	48	3
MPV 5407nRR	M-Pride	57.6	—	—	9/23	44	1
Progeny 5115RR	Progeny	57.2	55.6	56.4	9/25	46	1
AG5504	Asgrow	57.1		—	9/18	28	1
DG5300RR	Delta Grow	56.8	47.6	47.2	9/22	31	1
95Y20	Pioneer	56.8	—	—	9/18	29	1
NK S56-D7	NK Brand	56.0	55.6	62.8	9/27	36	1
DG 5570RR	Delta Grow	56.0	54.7	—	9/22	29	1
DG5470RR	Delta Grow	54.1	50.2	51.6	9/28	45	1
Progeny 5108RR (E)	Progeny	53.8	—	—	9/18	46	2
RC 5332	Croplan Genetics	53.2	49.3	—	9/18	36	1
DG 5630RR (E)	Delta Grow	52.9	53.6	53.9	9/27	36	1
DG 34J56	Dyna-Gro	52.2	50.4	53.8	9/25	36	1
DK XTJ950 (E)	Delta King	51.9	—	—	9/25	44	1
USG Allen	USG	51.2	52.4	—	9/29	36	1
Progeny 5107RR	Progeny	51.1	—	—	9/23	46	2
ES 5121	Eagle Seed	49.8	—	—	9/18	48	1
ESXVT-425 (E)	Eagle Seed	49.3	47.1	—	9/29	32	3
ES XVT-19 (E)	Eagle Seed	49.0	—	—	9/29	38	1
DG 5450RR	Delta Grow	42.2	43.7	—	9/22	37	1
HBK R5425	Hornbeck	32.9	46.5	49.8	9/29	47	3
Overall mean		62.2	55.2	56.5			
LSD (.10)		5.6					
Error degrees of freedom		172					
CV (%)		6.7					
R^2 (%)		84					

[1]Tunica clay loam soil. (E) = Experimental.

Table 35. Roundup Ready Maturity Group V Late Irrigated Soybeans (Dulaney Farms, Coahoma County).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
TV59R16	Terral	75.9	63.9	63.3	9/30	32	1
USG 75Z98	USG	71.7	—	—	9/26	34	1
USG 7582nRR	USG	69.7	60.3	60.5	9/30	35	1
AV 57D7RR	AgVenture	67.8	51.8	50.1	9/26	30	1
TV57R16	Terral	65.8	55.7	53.5	9/30	38	1
DG 33C59	Dyna-Gro	65.8	62.1	—	9/29	32	1
DG 5970RR	Delta Grow	65.4	58.6	—	9/29	36	1
MorSoy RT5906N	MorSoy	64.9	—	—	9/25	37	1
HBK R5825	Hornbeck	63.9	51.5	56.3	10/2	32	1
Progeny 5706RR	Progeny	63.2	55.2	57.8	9/27	32	1
AG5803	Asgrow	63.0	—	—	9/26	34	1
USG 75J97	USG	61.6	—	—	9/26	36	1
AGS606RR	AGS	60.8	—	—	9/26	32	1
DP5915RR	Asgrow	59.8	46.5	47.7	9/30	32	1
AG5905	Asgrow	59.8	51.7	58.3	9/25	39	1
DG 36T60	Dyna-Gro	58.0	—	—	9/26	34	1
95Y70	Pioneer	57.9	—	—	9/26	40	1
DG 32B57	Dyna-Gro	56.9	41.7	—	9/26	33	1
R04-1276RR (E)	Public	56.7	—		9/26	35	1
HBK R5727	Hornbeck	49.1	—	—	9/26	31	1
			—	—			
Overall mean		62.9	54.5	56.1			
LSD (.10)		6.3					
Error degrees of freedom		38					
CV (%)		7.3					
R^2 (%)		75					

[1]Tunica clay loam soil. (E) = Experimental.

Location 2. Mattson Farms, Clarksdale (Nonirrigated)

Location Summary

Soybeans were planted no-till into soybean stubble left from the previous crop. Temperatures during the growing season were normal, and June and July rainfall was below normal. Because of insufficient soil moisture, yield potential was greatly reduced, and yield levels were below what was normally expected. The tests were harvested in a timely manner.

Soil type	**Sharkey clay**
Soil pH	**6.7**
Soil fertility	**P=H; K=H**
Fertilizer added	**None**
Herbicide applications	**Preemergence — Roundup Weathermax @ 22 oz/A + Scepter @ 2.86 oz/A + Dual II Magnum @ 32 oz/A (April 16)**
	Postemergence — Roundup Weathermax @ 22 oz/A + First Rate @ 0.3 oz/A (June 6)
Planting date	**April 16**
Harvest date	**Sept. 22**

Rainfall Summary

	Inches
May	4.25
June	0.50
July	1.75
August	6.25
September	3.00
Total	15.75

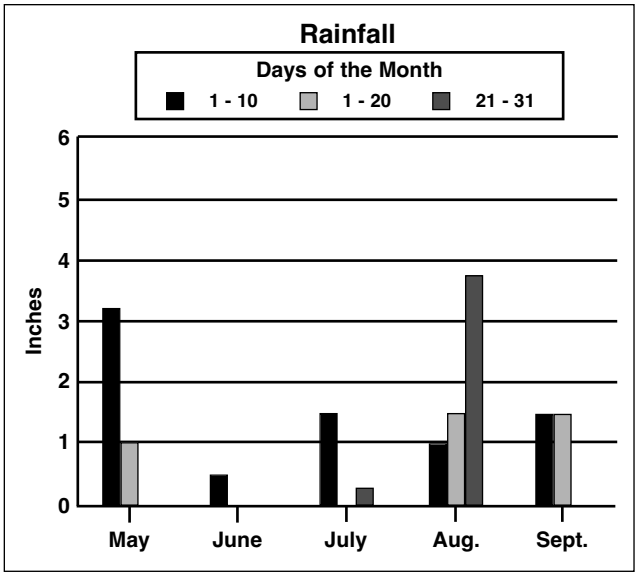

Table 36. Roundup Ready Maturity Group IV Early Nonirrigated Soybeans (Coahoma County).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
NK S46-U6 Brand	NK Brand	38.4	37.0	—	9/12	27	1
AG4705	Asgrow	37.7	—	—	8/29	25	1
Progeny 4606RR	Progeny	37.1	33.3	—	9/08	21	1
DP4546RR	Asgrow	35.5	32.9	37.4	9/02	31	1
458.RCS (E)	Schillinger	35.3	—	—	9/03	24	1
Armor 42-M1 (E)	Armor	35.1	—	—	9/01	23	1
AG4405	Asgrow	34.8	33.5	—	9/02	25	1
DG 33Y45	Dyna-Gro	34.5	37.6	—	9/08	22	1
HBK R4527	Hornbeck	34.2	27.7	—	9/08	32	1
Progeny 4405RR	Progeny	33.6	34.7	35.8	8/29	27	1
DG 32R46	Dyna-Gro	33.4	29.9	31.9	9/08	22	1
Progeny 4206RR	Progeny	33.1	37.1	38.1	9/02	21	1
MorSoy RT4485N (E)	MorSoy	32.8	—	—	8/27	29	1
DG4150RR	Delta Grow	32.8	36.1	29.8	9/06	26	1
AG4703	Asgrow	32.8	35.8	35.6	9/02	21	1
TV44R27	Terral	32.3	35.7	—	8/29	29	1
94Y20	Pioneer	32.3	—	—	8/29	23	1
DG 37A44	Dyna-Gro	32.2	33.4	34.1	8/29	23	1
DKB46-51	Asgrow	32.1	48.0	57.0	8/30	24	1
AG4606	Asgrow	31.5	—	—	8/30	25	1
NK S44-D5 Brand	NK Brand	31.2	—	—	9/08	26	1
457.RCP	Schillinger	31.2	36.2	—	9/06	28	1
AG4403	Asgrow	31.0	35.3	32.3	8/26	28	1
MPG-X-48-3nRR (E)	M-Pride	30.9	—	—	9/01	24	1
Norfolk 741RR	Merschman	30.9	—	—	8/27	24	1
AG4303	Asgrow	30.9	—	—	8/28	20	1
RC 4455	Croplan Genetics	30.5	—	—	8/28	26	1
Progeny 4508RR (E)	Progeny	30.0	—	—	8/28	28	1
94Y60	Pioneer	29.8	—	—	9/02	21	1
MPG-X-48-2nRR (E)	M-Pride	29.7	—	—	8/25	30	1
RC 4417	Croplan Genetics	29.6	—	—	8/27	28	1
NK S43-N6 Brand	NK Brand	29.4	—	—	8/28	21	1
AV 46J5NRR	AgVenture	29.0	—	—	8/28	20	1
MorSoy RTS4488N (E)	MorSoy	28.5	—	—	8/27	19	1
MorSoy RTS4556N	MorSoy	28.5	33.4	—	9/08	27	1
HBK R3927	Hornbeck	28.4	35.0	—	8/25	28	1
Armor ARX4560 (E)	Armor	28.2	—	—	9/02	28	1
C4517R	Crow's	28.1	—	—	8/29	30	1
MPG 4406nRR	M-Pride	28.0	—	—	8/29	30	1
DG 31J39	Dyna-Gro	27.5	—	—	8/25	28	1
ES 4661RR	Eagle Seed	27.1	—	—	9/08	32	1
TV46R19	Terral	26.9	—	—	9/02	27	1
USG 74A45	USG	26.8	—	—	8/28	27	1
HBK R3824	Hornbeck	26.4	32.0	31.2	8/24	28	1
Progeny 4408RR (E)	Progeny	26.1	—	—	8/28	21	1
TV45R18	Terral	25.4	—	—	8/25	28	1
DG 36C44	Dyna-Gro	25.4	—	—	8/28	20	1
USG 74A27	USG	25.2	31.9	—	8/28	24	1
C4119R	Crow's	24.9	—	—	8/25	23	1
ES 4333RR	Eagle Seed	24.5	—	—	8/29	24	1
EXP 460 (E)	JGL	23.9	—	—	9/08	25	1
AG4605	Asgrow	23.9	31.6	—	9/08	24	1
TV46R15	Terral	23.6	30.4	31.1	8/27	29	1
AV 46P1	AgVenture	23.2	—	—	8/28	23	1
DK 4667	Delta King	22.6	29.2	37.6	9/01	25	1
AG4404	Asgrow	22.3	28.9	28.2	8/28	24	1
DK XTJ946 (E)	Delta King	21.4	—	—	8/29	27	1
DG 37F46	Dyna-Gro	21.2	29.0	36.9	8/29	29	1
USG 74E68	USG	20.4	—	—	8/18	24	1
448.RCS (E)	Schillinger	20.0	—	—	8/26	29	1
TN07-266RR (E)	Public	19.7	—	—	8/21	28	1
USG 74H48	USG	14.4	—	—	8/25	26	1
Overall mean		28.8	33.2	33.4			
LSD (.10)		4.6					
Error degrees of freedom		122					
CV (%)		11.9					
R^2 (%)		76					

[1]Sharkey clay soil. (E) = Experimental.

Table 37. Roundup Ready Maturity Group IV Late Nonirrigated Soybeans (Coahoma County).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
NK S49-W6 Brand	NK Brand	43.4	46.8	—	9/08	27	1
MorSoy RT4914N (E)	MorSoy	41.5	—	—	9/23	31	1
ES 4818	Eagle Seed	39.4	—	—	9/12	28	1
DG 4970RR	Delta Grow	39.0	50.0	43.7	9/23	37	1
TV49R27	Terral	38.8	49.9	—	9/12	26	1
TV47R17	Terral	38.3	41.6	34.6	9/17	33	1
S05-4604 (E)	Public	38.2	—	—	9/12	28	1
ESXVT-675 (E)	Eagle Seed	37.9	—	—	9/14	27	1
USG 74F96	USG	37.6	—	—	9/08	33	1
ES 4777	Eagle Seed	36.9	—	—	9/08	30	1
94M80	Pioneer	36.8	45.8	39.6	9/10	28	1
495.RC	Schillinger	36.3	46.5	44.6	9/23	29	1
HBK R4828	Hornbeck	36.2	—	—	9/12	24	1
AG4903	Asgrow	35.8	42.9	44.2	9/22	32	1
MPV4808nRR	M-Pride	35.7	—	—	9/10	28	1
Progeny 4908RR (E)	Progeny	35.7	—	—	9/08	28	1
MorSoy RT4688N (E)	MorSoy	35.1	—	—	9/08	30	1
AG4907	Asgrow	35.1	—	—	8/29	26	1
DP 4888RR/S	Asgrow	35.0	44.2	—	9/14	32	1
HBK R4924	Hornbeck	33.9	40.9	41.2	9/22	29	1
USG 74A88	USG	33.8	—	—	9/08	24	1
Progeny 4906RR	Progeny	33.4	43.4	46.7	9/12	32	1
94B73	Pioneer	32.8	50.6	46.5	9/12	31	1
AG4703	Asgrow	32.8	48.7	40.6	9/22	28	1
DG 4820RR	Delta Grow	32.8	—	—	9/02	24	1
Progeny 4718RR (E)	Progeny	32.7	—	—	9/10	18	1
Progeny 4949RR	Progeny	32.4	40.4	43.6	9/15	30	1
DK 5068	Asgrow	32.4	—	—	9/03	27	1
Houston 747RR	Merschman	32.2	—	—	9/12	23	1
DK XTJ949 (E)	Delta King	31.8	—	—	8/28	25	1
TV49R19	Terral	31.8	—	—	9/03	30	1
4782-4	Stine	31.7	46.0	39.2	9/12	26	1
USG 74F78	USG	31.7	43.9	—	9/14	28	1
DK 4968	Delta King	31.6	41.6	—	9/17	32	1
DG4770RR	Delta Grow	31.5	43.6	38.6	9/11	31	1
94Y70	Pioneer	31.4	—	—	9/10	26	1
DG 37P49	Dyna-Gro	31.2	39.7	42.0	9/12	28	1
Armor 47-G7	Armor	31.2	—	—	9/14	26	1
DK4866	Asgrow	31.1	44.6	43.3	9/23	28	1
TV48R14	Terral	31.1	40.6	42.1	9/22	25	1
MorSoy RT4888N (E)	MorSoy	31.1	—	—	9/08	33	1
DG 4870RR	Delta Grow	31.1	—	—	9/02	33	1
USG 74A91	USG	31.0	—	—	9/08	28	1
DG4975LARR	Delta Grow	30.8	42.9	—	9/08	32	1
DK 4995	Delta King	30.8	—	—	9/08	26	1
94Y90	Pioneer	30.4	—	—	8/28	28	1
Nashville 749RR	Merschman	30.0	—	—	9/02	30	1
RC 4757	Croplan Genetics	29.9	—	—	9/08	24	1
TV49R17	Terral	29.8	40.0	32.8	9/22	30	1
Progeny 4918RR (E)	Progeny	29.8	—	—	9/08	27	1
AV 49X9RR	AgVenture	29.3	—	—	9/08	24	1
DG 32P48	Dyna-Gro	28.5	—	—	8/29	26	1
DK XTJ848 (E)	Delta King	28.4	—	—	9/12	31	1
47G3 NRR	AgVenture	28.2	40.7	—	9/08	26	1
MPG 4705nRR	M-Pride	27.7	—	—	9/12	26	1
49D6	AgVenture	27.0	38.2	41.5	9/18	29	1
MorSoy RT4707N	MorSoy	26.7	38.8	—	9/12	23	1
ES 4906	Eagle Seed	26.5	—	—	8/29	30	1
Progeny 4706RR	Progeny	26.2	42.4	39.6	9/12	28	1
ES 4991	Eagle Seed	25.4	—	—	9/28	28	1
DG 4780RR	Delta Grow	25.3	40.4	—	9/02	29	1
478.RCS	Schillinger	24.9	—	—	9/03	29	1
HBK R4727	Hornbeck	24.8	36.5	—	9/12	30	1
Armor ARX4717 (E)	Armor	24.6	—	—	9/12	30	1
MPG 4907nRR/STS	M-Pride	24.3	—	—	9/08	25	1

[1]Sharkey clay soil. (E) = Experimental.

Table 37 (cont.). Roundup Ready Maturity Group IV Late Nonirrigated Soybeans (Coahoma County).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
TV47R18	Terral	24.2	—	—	9/03	24	1
DG 36Y48	Dyna-Gro	23.9	36.2	40.6	9/22	27	1
RC 4877	Croplan Genetics	23.5	—	—	9/08	26	1
MorSoy RT4955N (E)	MorSoy	22.3	—	—	9/18	25	1
P4807RR	Progeny	21.5	40.1	—	9/08	32	1
USG 7495nRS	USG	21.4	35.2	—	9/17	28	1
AG4705	Asgrow	20.3	—	—	9/18	30	1
Overall mean		31.3	42.6	41.8			
LSD (.10)		6.9					
Error degrees of freedom		144					
CV (%)		16.2					
R^2 (%)		60					

[1]Sharkey clay soil. (E) = Experimental.

Location 3. Todd Williams Farm, Olive Branch

Location Summary

Soil moisture was excellent at planting, and soybeans quickly emerged to a good stand. Temperatures were near normal during the growing season. Rainfall during the early growing season was normal, followed by above-normal rainfall amounts during the latter part of the growing season. Late-season rainfall greatly enhanced yield potential, and above-average yields were produced. Insect and disease pressure was very light. Plots were harvested with no weather delays.

Soil type	**Collins silt loam**
Soil pH	**6.0**
Soil fertility	**P=H; K=H**
Fertilizer added	**N @ 10 lb/A +P @ 50 lb/A + K @ 100 lb/A**
Herbicide applications	**Preemergence — Roundup Weathermax @ 22 oz/A + Scepter @ 2.86 oz/A + Dual II Magnum @ 20 oz/A (May 21)** **Postemergence — Roundup Weathermax @ 22 oz/A + Pursuit @ 1.44 oz/A (June 26)**
Planting date	**May 21; Late Planted – July 9**
Harvest date	**Group III and Group IV E RR – Oct. 2; Group IV L RR – Oct. 3; Group V RR – Oct. 21; Late Planted Group IV and V – November 4**

Rainfall Summary

	Inches
May	**7.59**
June	**2.92**
July	**2.32**
August	**7.45**
September	**3.21**
October	**3.61**
Total	**27.10**

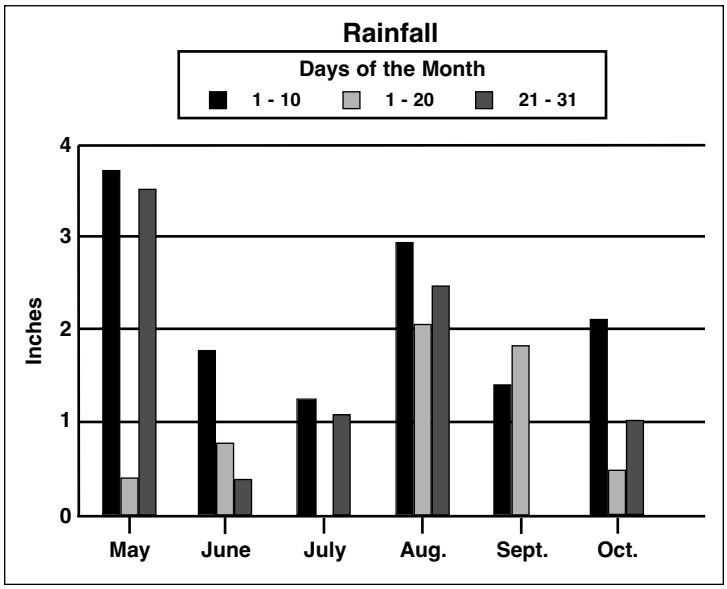

Table 38. Roundup Ready Maturity Group III Soybeans (Todd Williams Farm, DeSoto County).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
S04-20912 (E)	Public	60.1	—	—	9/26	31	1
S04-3924 (E)	Public	59.5	—	—	9/26	35	1
398.RCP	Schillinger	59.1	—	—	9/30	40	1
Armor 39-K4	Armor	58.0	52.3	46.5	9/18	40	1
AG3803	Asgrow	58.0	48.7	—	9/25	33	1
AG4005	Asgrow	57.6	—	—	9/27	35	1
HBK R3927	Hornbeck	56.4	48.5	—	9/25	47	1
AG3906	Asgrow	56.1	54.9	49.9	9/27	30	1
Progeny 3906RR (E)	Progeny	55.9	—	—	9/27	29	1
TN07-220RR (E)	Public	55.2	—	—	9/24	35	1
HBK R3824	Hornbeck	54.4	45.5	45.2	9/25	34	1
AG3905	Asgrow	51.0	47.4	44.8	9/27	32	1
Overall mean		56.8	49.5	46.6			
LSD (.10)		7.4					
Error degrees of freedom		22					
CV (%)		9.4					
R^2 (%)		29					

[1]Collins silt loam soil. (E) = Experimental.

Table 39. Roundup Ready Maturity Group IV Early Soybeans (Todd Williams Farm, DeSoto County).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
NK S46-U6 Brand	NK Brand	69.8	52.8	—	9/29	37	1
Armor ARX4560 (E)	Armor	69.0	—	—	9/27	36	1
AG4303	Asgrow	68.7	—	—	9/29	32	1
RC 4417	Croplan Genetics	67.8	—	—	9/28	38	1
MorSoy RTS4556N	MorSoy	66.8	—	—	9/29	32	1
HBK R4527	Hornbeck	66.0	—	—	9/25	37	1
C4517R	Crow's	65.8	—	—	9/29	35	1
AG4606	Asgrow	65.2	—	—	9/29	38	1
Armor 42-M1 (E)	Armor	64.5	—	—	9/27	33	1
MPG-X-48-2nRR (E)	M-Pride	64.4	—	—	9/29	40	1
Progeny 4508RR (E)	Progeny	64.0	—	—	9/29	34	1
RC 4455	Croplan Genetics	64.0	—	—	9/29	39	1
DG 36C44	Dyna-Gro	62.3	—	—	9/27	28	1
AG4703	Asgrow	62.0	51.7	48.3	9/29	35	1
DG 32R46	Dyna-Gro	62.0	44.8	49.6	9/28	29	1
Progeny 4408RR (E)	Progeny	62.0	—	—	9/28	30	1
AG4705	Asgrow	61.9	—	—	9/29	37	1
NK S44-D5 Brand	NK Brand	61.9	—	—	9/26	33	1
DKB46-51	Asgrow	61.7	52.3	51.1	9/29	32	1
MorSoy RTS4488N (E)	MorSoy	61.6	—	—	9/29	30	1
DP4546RR	Asgrow	61.4	45.9	44.2	9/29	39	1
C4119R	Crow's	61.2	—	—	9/27	38	1
USG 74H48	USG	61.0	—	—	9/29	36	1
MorSoy RT4485N (E)	MorSoy	60.9	—	—	9/28	38	1
HBK R3927	Hornbeck	60.2	52.2	—	9/25	38	1
ES 4661RR	Eagle Seed	60.2	—	—	9/28	38	1
DG 33Y45	Dyna-Gro	60.1	46.8	—	9/27	31	1
DK XTJ946 (E)	Delta King	59.8	—	—	9/28	40	1
458.RCS (E)	Schillinger	59.6	—	—	9/28	31	1
EXP 460 (E)	JGL	59.5	—	—	9/28	36	1
DG 31J39	Dyna-Gro	59.4	—	—	9/27	36	1
TV46R19	Terral	59.2	—	—	9/26	41	1
AG4403	Asgrow	57.7	47.6	46.4	9/29	34	1
TV45R18	Terral	57.6	—	—	9/26	36	1
AV 46P1	AgVenture	57.4	—	—	9/28	36	1

[1]Collins silt loam soil. (E) = Experimental.

Table 39 (cont.). Roundup Ready Maturity Group IV Early Soybeans Todd Williams Farm, DeSoto County).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
94Y20	Pioneer	57.3	—	—	9/30	35	1
USG 74A27	USG	57.1	50.6	—	9/26	29	1
AV 46J5NRR	AgVenture	57.1	—	—	9/28	31	1
MPG-X-48-3nRR (E)	M-Pride	56.9	—	—	9/30	37	1
AG4605	Asgrow	56.7	45.7	—	9/30	31	1
USG 74A45	USG	56.7	—	—	9/28	41	1
94Y60	Pioneer	56.5	—	—	6/28	29	1
MPG 4406nRR	M-Pride	56.0	—	—	9/29	33	1
457.RCP	Schillinger	55.9	42.5	—	9/28	36	1
Norfolk 741RR	Merschman	55.9	—	—	9/27	33	1
HBK R3824	Hornbeck	55.8	46.0	44.5	9/25	33	1
Progeny 4606RR	Progeny	55.7	44.7	—	9/28	30	1
AG4405	Asgrow	55.6	—	—	9/29	32	1
NK S43-N6 Brand	NK Brand	55.4	—	—	9/30	30	1
TV46R15	Terral	55.3	44.3	42.7	9/26	39	1
TV44R27	Terral	55.2	44.8	—	9/29	40	1
448.RCS (E)	Schillinger	55.2	—	—	9/30	34	1
DG 37A44	Dyna-Gro	55.1	46.4	48.0	9/29	37	1
ES 4333RR	Eagle Seed	55.0	—	—	9/28	31	1
AG4404	Asgrow	54.9	45.8	46.5	9/29	34	1
DG 37F46	Dyna-Gro	54.3	40.2	47.3	9/28	38	1
DK 4667	Delta King	54.2	40.1	41.5	9/30	39	1
Progeny 4206RR	Progeny	52.7	46.2	44.6	9/27	32	1
TN07-266RR (E)	Public	52.7	—	—	9/28	38	1
Progeny 4405RR	Progeny	52.0	41.9	44.4	9/29	37	1
USG 74E68	USG	49.3	—	—	9/29	35	1
DG4150RR	Delta Grow	48.6	41.5	45.6	9/27	34	1
Overall mean		59.3	46.5	47.7			
LSD (.10)		8.2					
Error degrees of freedom		124					
CV (%)		10.2					
R^2 (%)		48					

[1]Collins silt loam soil. (E) = Experimental.

Table 40. Roundup Ready Maturity Group IV Late Soybeans (Todd Williams Farm, DeSoto County).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
HBK R4924	Hornbeck	80.9	52.3	50.9	10/2	45	1
USG 74A91	USG	77.7	—	—	10/2	38	1
USG 74F96	USG	77.0	—	—	10/2	38	1
DK 4968	Delta King	76.3	54.8	—	10/1	41	1
S05-4604 (E)	Public	75.9	—	—	10/2	45	1
MorSoy RT4955N (E)	MorSoy	74.7	—	—	10/2	41	1
AV 49X9RR	AgVenture	74.7	—	—	10/2	38	1
DG 36Y48	Dyna-Gro	74.6	48.2	48.9	10/2	39	1
DG 4970RR	Delta Grow	73.8	48.3	49.0	10/2	42	1
TV47R17	Terral	73.8	46.8	—	10/2	46	1
DG 37P49	Dyna-Gro	73.7	50.4	52.0	9/27	36	1
DK XTJ949 (E)	Delta King	73.1	—	—	10/2	41	1
MorSoy RT4914N (E)	MorSoy	72.8	—	—	10/2	41	1
DK 5068	Asgrow	72.6	—	—	10/1	39	1
ES 4818	Eagle Seed	72.3	—	—	10/2	38	1
MorSoy RT4707N	MorSoy	72.0	50.5	—	9/30	35	1
DP 4888RR/S	Asgrow	70.2	48.7	—	9/28	39	1
DG4975LARR	Delta Grow	70.0	46.7	—	9/30	41	1
DK XTJ848 (E)	Delta King	69.7	—	—	10/2	45	1

[1]Collins silt loam soil. (E) = Experimental.

Table 40 (cont.). Roundup Ready Maturity Group IV Late Soybeans (Todd Williams Farm, DeSoto County).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
MPG 4907nRR/STS	M-Pride	69.7	—	—	10/2	42	1
495.RC	Schillinger	69.5	49.4	50.1	10/2	41	1
Progeny 4908RR (E)	Progeny	69.4	—	—	10/2	42	1
ESXVT-675 (E)	Eagle Seed	69.3	—	—	10/2	45	1
USG 7495nRS	USG	69.2	—	41.1	10/1	40	1
HBK R4828	Hornbeck	69.2	—	—	10/2	58	1
RC 4757	Croplan Genetics	68.3	—	—	10/1	32	1
Progeny 4949RR	Progeny	68.1	45.4	43.9	9/29	43	1
Progeny 4718RR (E)	Progeny	67.2	—	—	9/28	33	1
AG4907	Asgrow	67.0	—	—	10/1	39	1
AG4903	Asgrow	66.7	44.4	45.2	10/1	35	1
Progeny 4906RR	Progeny	66.7	42.9	44.8	9/29	40	1
RC 4877	Croplan Genetics	66.4	—	—	10/2	38	1
HBK R4727	Hornbeck	66.1	44.8	—	9/30	38	1
DG 4820RR	Delta Grow	66.1	—	—	9/30	36	1
DG 4780RR	Delta Grow	66.0	46.4	—	10/1	41	1
ES 4777	Eagle Seed	66.0	—	—	10/2	34	1
94Y90	Pioneer	66.0	—	—	10/1	37	1
MorSoy RT4688N (E)	MorSoy	65.9	—	—	9/28	33	1
4782-4	Stine	65.2	47.7	49.2	10/2	32	1
94M80	Pioneer	65.1	48.2	42.9	10/1	43	1
P4807RR	Progeny	65.0	44.0	—	10/1	36	1
AG4705	Asgrow	65.0	—	—	9/27	38	1
AG4703	Asgrow	64.8	46.3	46.3	9/27	29	1
47G3 NRR	AgVenture	64.6	44.7	—	10/1	38	1
TV49R27	Terral	64.6	46.6	—	9/30	42	1
49D6	AgVenture	63.9	41.9	46.7	10/1	48	1
ES 4906	Eagle Seed	63.9	—	—	10/2	35	1
Progeny 4918RR (E)	Progeny	63.7	—	—	9/29	35	1
478.RCS	Schillinger	63.7	—	—	10/1	33	1
USG 74F78	USG	63.5	45.8	—	9/28	34	1
MPV4808nRR	M-Pride	63.3	—	—	10/2	48	1
DK 4995	Delta King	63.3	—	—	10/2	48	1
ES 4991	Eagle Seed	63.3	—	—	10/2	45	1
Nashville 749RR	Merschman	62.9	—	—	9/29	37	1
DG4770RR	Delta Grow	62.6	46.9	44.0	9/30	42	1
DK4866	Asgrow	62.1	41.2	42.1	9/29	39	1
USG 74A88	USG	62.0	—	—	9/27	35	1
94B73	Pioneer	61.7	49.6	46.2	10/2	32	1
MorSoy RT4888N (E)	MorSoy	61.5	—	—	9/30	40	1
Armor ARX4717 (E)	Armor	61.5	—	—	10/1	31	1
Armor 47-G7	Armor	61.1	—	—	9/29	36	1
DG 32P48	Dyna-Gro	60.7	—	—	10/2	37	1
TV47R18	Terral	59.6		—	9/29	41	1
TV48R14	Terral	59.5	40.7	43.5	10/2	45	1
MPG 4705nRR	M-Pride	59.3	—	—	9/28	32	1
TV49R17	Terral	59.1	38.4	—	9/30	43	1
Progeny 4706RR	Progeny	58.2	44.6	44.8	9/28	35	1
DG 4870RR	Delta Grow	56.5	—	—	9/30	35	1
Houston 747RR	Merschman	56.5	—	—	9/30	32	1
94Y70	Pioneer	56.5	—	—	10/2	36	1
NK S49-W6 Brand	NK Brand	55.7	39.5	—	10/2	33	1
TV49R19	Terral	52.9	—	—	9/30	37	1
Overall mean		66.5	46.0	46.6			
LSD (.10)		7.7					
Error degrees of freedom		144					
CV (%)		8.6					
R^2 (%)		63					

[1]Collins silt loam soil. (E) = Experimental.

Table 41. Roundup Ready Maturity Group V Early Soybeans (Todd Williams Farm, DeSoto County).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
DG 32A53	Dyna-Gro	84.0	52.0	48.8	10/12	38	1
USG 7553nRS	USG	80.5	50.2	49.0	10/11	31	1
AV 54X4RR	AgVenture	80.3	—	—	10/16	35	1
DG5160RR	Delta Grow	79.7	44.7	45.3	10/15	39	1
DG 5555RR	Delta Grow	78.7	54.7	—	10/14	36	1
RC 5007	Croplan Genetics	78.3	48.3	—	10/12	33	1
USG Allen	USG	78.0	51.0	—	10/14	42	1
MorSoy RT5288N (E)	MorSoy	77.9	—	—	10/18	25	1
DK 5068	Asgrow	77.6	—	—	10/14	37	1
DG 5450RR	Delta Grow	77.6	52.1	—	10/15	28	1
52P2	AgVenture	77.5	48.8	—	10/14	34	1
Progeny 5650RR	Progeny	77.4	52.8	51.1	10/16	37	1
ESXVT-425 (E)	Eagle Seed	77.2	54.9	—	10/14	27	1
NK S52-F2 Brand	NK Brand	77.1	51.3	48.7	10/14	24	1
MorSoy RT5688N (E)	MorSoy	77.1	—	—	10/15	35	1
TV55R15	Terral	76.9	52.5	50.6	10/18	36	1
AG5606	Asgrow	76.9	—	—	10/12	31	1
DP5634RR	Asgrow	76.7	53.9	51.7	10/13	29	1
HBK R5525	Hornbeck	76.6	49.0	46.9	10/11	35	1
ES 5121	Eagle Seed	76.6	—	—	10/12	48	1
DG 5280RR	Delta Grow	76.5	—	—	10/18	25	1
95Y40	Pioneer	76.2	—	—	10/12	30	1
DG 35F55	Dyna-Gro	76.2	—	—	10/15	37	1
HBK R5226	Hornbeck	75.7	51.1	48.6	10/14	24	1
Progeny 5408RR (E)	Progeny	75.7	—	—	10/13	34	1
DG 34J56	Dyna-Gro	75.4	50.2	50.4	10/16	38	1
MorSoy RT5388N (E)	MorSoy	75.4	—	—	10/14	34	1
Progeny 5115RR	Progeny	75.3	43.5	41.8	10/13	44	1
S05-4678 (E)	Public	75.3	—	—	10/14	38	1
538.R	Schillinger	75.3	—	—	10/16	30	1
USG 75J18	USG	75.3	—	—	10/12	33	1
AV 53D3NRR	AgVenture	75.2	44.6	—	10/16	28	1
MPG 5505nRR/STS	M-Pride	75.0	—	—	10/15	30	1
MorSoy RT5168N (E)	MorSoy	74.6	—	—	10/11	38	1
DG 5630RR (E)	Delta Grow	74.5	49.5	50.4	10/16	33	1
DK 52K6	Delta King	74.5	49.5	49.4	10/13	26	1
MorSoy RT5306N (E)	MorSoy	74.4	45.6	45.1	10/10	30	1
Progeny 5622RR	Progeny	73.7	—	—	10/18	34	1
AGS 568RR	AgSouth	73.6	51.8	50.3	10/14	34	1
NK S56-D7	NK Brand	73.5	48.0	48.2	10/18	23	1
USG 7515nRS	USG	73.5	—	—	10/11	35	1
DG5300RR	Delta Grow	73.1	45.6	45-.8	10/10	29	1
Olympus 854RR	Merschman	73.1	—	—	10/11	31	1
Armor GP-533	Armor	72.8	45.3	44.3	10/14	32	1
95M50	Pioneer	72.6	46.7	44.8	10/16	29	1
557.RC	Schillinger	72.6	40.5	—	10/12	29	1
Progeny 5308RR (E)	Progeny	72.6	—	—	10/11	32	1
DG 31R54	Dyna-Gro	72.0	51.1	—	10/10	29	1
95Y41	Pioneer	71.7	—	—	10/15	31	1
Armor GP-500	Armor	71.4	42.2	—	10/14	31	1
DG 5170RR	Delta Grow	71.3	—	—	10/13	29	1
ESXVT-155 (E)	Eagle Seed	71.0	—	—	10/14	29	1
ES XVT-19 (E)	Eagle Seed	70.8	—	—	10/19	33	1
MPV 5308nRR	M-Pride	70.4	—	—	10/18	31	1
AG5304	Asgrow	70.2	—	—	10/12	26	1
AV 51X5RR	AgVenture	70.0	—	—	10/16	45	1
TVX52R757 (E)	Terral	70.0	—	—	10/10	33	1
S04-21273 (E)	Public	69.9	—	—	10/14	28	1
DG 5570RR	Delta Grow	69.8	69.8	52.9	10/10	20	1
USG 75Z38	USG	69.8	—	—	10/14	27	1
ESXVT-16 (E)	Eagle Seed	69.5	48.8	50.0	10/16	30	1
TV54R28	Terral	69.4	45.5	—	10/11	35	1
Progeny 5208RR (E)	Progeny	69.3	—	—	10/8	35	1
Progeny 5107RR	Progeny	69.1	—	—	10/20	39	1
Progeny 5218RR (E)	Progeny	68.7	—	—	10/11	29	1

[1]Collins silt loam soil. (E) = Experimental.

Table 41 (cont.). Roundup Ready Maturity Group V Early Soybeans (Todd Williams Farm, DeSoto County).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
USG 75J47	USG	68.3	—	—	10/11	30	1
HBK R5425	Hornbeck	68.2	45.0	44.1	10/13	46	1
DG5470RR	Delta Grow	67.5	40.6	40.1	10/20	46	1
AG5405	Asgrow	67.5	—	—	10/15	28	1
TV52R14	Terral	67.3	42.3	43.0	10/12	31	1
C5417R	Crow's	66.7	—	—	10/12	32	1
MPV 5407nRR	M-Pride	66.6	—	—	10/20	42	1
95Y20	Pioneer	66.6	—	—	10/11	29	1
DG 33X55	Dyna-Gro	66.2	46.2	44.7	10/12	32	1
AV 50X6RR	AgVenture	66.1	—	—	10/14	35	1
AG5504	Asgrow	65.8	—	—	10/11	28	1
AG5503	Asgrow	65.6	—	—	10/14	37	1
HBK RS5227	Hornbeck	65.1	40.3	—	10/9	27	1
TV52R28	Terral	64.7	41.0	—	10/15	36	1
DP 5335RR/S	Asgrow	63.9	39.9	—	10/16	41	1
DG 33P54	Dyna-Gro	63.7	42.7	—	10/14	31	1
AV 50D2NRR	AgVenture	62.5	—	—	10/13	41	1
DK XTJ950 (E)	Delta King	61.9	—	—	10/12	37	1
DG 33B52	Dyna-Gro	61.4	42.5	41.6	10/14	29	1
RC 5332	Croplan Genetics	60.3	41.1	—	10/11	33	1
Progeny 5108RR (E)	Progeny	59.8	—	—	10/6	27	1
TN06-116RR (E)	Public	57.7	—	—	10/12	29	1
Overall mean		72.0	47.3	47.7			
LSD (.10)		8.2					
Error degrees of freedom		172					
CV (%)		8.4					
R^2 (%)		54					

[1]Collins silt loam soil. (E) = Experimental.

Table 42. Roundup Ready Maturity Group V Late Soybeans (Todd Williams Farm, DeSoto County).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
95Y70	Pioneer	80.8	—	—	10/18	36	1
AG5803	Asgrow	80.3	—	—	10/21	27	1
USG 75J97	USG	79.7	—	—	10/21	32	1
DG 5970RR	Delta Grow	79.2	54.0	—	10/21	34	1
Progeny 5706RR	Progeny	79.1	52.2	51.8	10/19	34	1
HBK R5727	Hornbeck	77.9	—	—	10/15	34	1
HBK R5825	Hornbeck	75.8	52.5	47.4	10/20	37	1
AG5905	Asgrow	75.7	48.0	46.8	10/21	34	1
MorSoy RT5906N	MorSoy	74.3	—	—	10/21	35	1
AGS606RR	AGS	73.0	—	—	10/21	32	1
DG 36T60	Dyna-Gro	71.7	—	—	10/20	25	1
DP5915RR	Asgrow	70.6	51.2	51.4	10/21	33	1
TV59R16	Terral	69.2	50.3	49.2	10/21	32	1
DG 33C59	Dyna-Gro	68.2	48.8	—	10/21	27	1
DG 32B57	Dyna-Gro	67.4	41.1	—	10/16	29	1
R04-1276RR (E)	Public	66.8	—	—	10/17	32	1
AV 57D7RR	AgVenture	65.8	40.1	44.8	10/15	27	1
TV57R16	Terral	64.7	42.3	42.2	10/15	32	1
USG 7582nRR	USG	64.2	45.9	45.5	10/21	36	1
USG 75Z98	USG	63.2	—	—	10/21	33	1
Overall mean		72.4	47.8	48.7			
LSD (.10)		11.3					
Error degrees of freedom		38					
CV (%)		11.3					
R^2 (%)		49					

[1]Collins silt loam soil. (E) = Experimental.

Table 43. Maturity Group IV Early Soybeans Late Planted and Not Irrigated (Clifton Farms, DeSoto County).[1]

Variety	Brand	Yield			Maturity date[2]	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
DK 4667	Delta King	52.8	45.7	41.9	—	35	1
94B73	Pioneer	52.0	40.4	40.1	—	33	1
DG 37A44	Dyna-Gro	51.2	—	—	—	33	1
Progeny 4405RR	Progeny	51.2	40.2	39.3	—	33	1
Overall mean		51.8	42.1	40.5			
LSD (.10)		7.5					
Error degrees of freedom		6					
CV (%)		9.1					
R^2 (%)		23					

[1]Collins silt loam soil. All are released varieties.
[2]No maturity dates taken.

Table 44. Maturity Group IV Late Soybeans Late Planted and Not Irrigated (Clifton Farms, DeSoto County).[1]

Variety	Brand	Yield			Maturity date[2]	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
94M80	Pioneer	59.4	47.9	46.1	—	39	1
Progeny 4949RR	Progeny	58.1	49.4	45.4	—	33	1
495.RC	Schillinger	55.9	51.1	48.8	—	32	1
Armor 47-G7	Armor	54.9	45.4	41.4	—	34	1
Overall mean		57.1	48.5	45.6			
LSD (.10)		2.7					
Error degrees of freedom		6					
CV (%)		3.0					
R^2 (%)		74					

[1]Collins silt loam soil. All are released varieties.
[2]No maturity dates taken.

Table 45. Maturity Group V Early Soybeans Late Planted and Not Irrigated (Clifton Farms, DeSoto County).[1]

Variety	Brand	Yield			Maturity date[2]	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
Progeny 5650RR	Progeny	64.4	—	—	—	35	1
DP5634RR	Asgrow	63.0	55.1	52.5	—	40	2
TV55R15	Terral	62.8	—	—	—	40	2
AGS 568RR	AgSouth	62.2	—	—	—	34	1
Overall mean		63.1	55.1	52.5			
LSD (.10)		6.4					
Error degrees of freedom		6					
CV (%)		6.4					
R^2 (%)		59					

[1]Collins silt loam soil. All are released varieties.
[2]No maturity dates taken.

Table 46. Maturity Group V Late Soybeans Late Planted and Not Irrigated (Clifton Farms, DeSoto County).[1]

Variety	Brand	Yield			Maturity date[2]	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
AG5905	Asgrow	67.5	53.5	48.8	—	41	1
TV59R16	Terral	66.6	—	—	—	33	1
Progeny 5706RR	Progeny	64.4	—	—	—	34	1
DP5915RR	Asgrow	62.5	54.0	51.2	—	36	1
Overall mean		65.3	53.8	50.0			
LSD (.10)		5.8					
Error degrees of freedom		6					
CV (%)		5.6					
R^2 (%)		37					

[1]Collins silt loam soil. All are released varieties.
[2]No maturity dates taken.

Location 4. Gibb Steele Farms, Longwood

Location Summary

Soybeans were planted into good soil moisture, and good stands were established. The growing season had normal temperatures and below-normal rainfall. The lack of rainfall after planting until irrigation was initiated reduced plant growth, adversely affecting yield potential in the Group V soybean test. Irrigation maintained good soil moisture during the remainder of the growing season. Heavy rainfall from three hurricanes during the late growing season caused no seed damage or delays in harvest.

Soil type	**Sharkey clay**
Soil pH	**6.2**
Soil fertility	**P=H; K=H**
Fertilizer added	**None**
Herbicide applications	**Preemergence — Roundup Weathermax @ 22 oz/A + Scepter @ 2.86 oz/A + Dual II Magnum @ 32 oz/A (May 12)** **Postemergence — Roundup Ready – Roundup Weathermax @ 22 oz/A + Ultra Blazer @ 6 oz/A (June 12)** **Roundup Ready — Roundup Weathermax @ 22 oz/A + First Rate @ 0.3 oz/A + Ultra Blazer @ 8 oz/A (July 15)** **Conventional — First Rate @ 0.3 oz/A + Ultra Blazer @ 6 oz/A + Select @10 oz/A (June 6)** **First Rate @ 0.3 oz/A + Ultra Blazer @6 oz/A + Select @ 10 oz/A (July 15)**
Irrigation	**June 20, July 3, July 17, and July 31**
Planting date	**May 12**
Harvest date	**Group IV E RR – Sept. 24; Group IV Conventional and Group IVL RR – Sept. 29; Group V Conventional and RR – Oct. 4**

Rainfall Summary

	Inches
June	**0.46**
July	**0.60**
August	**8.99**
September	**9.55**
October	**0.86**
Total	**20.46**

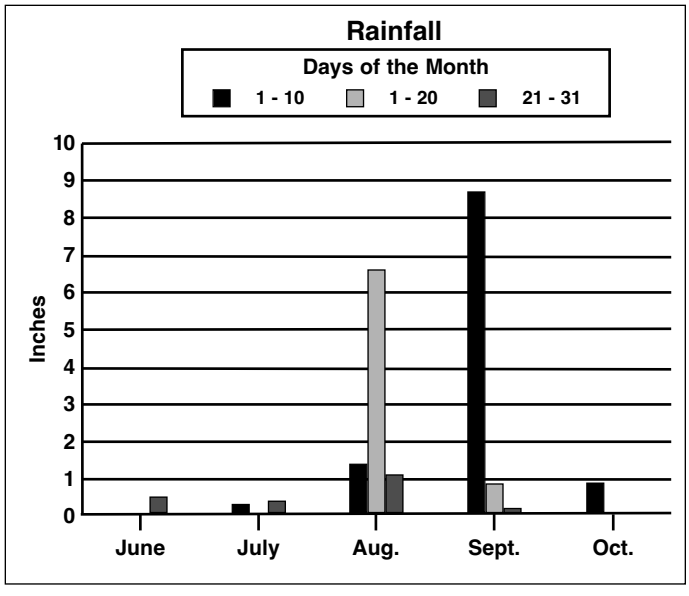

Table 47. Maturity Group IV Soybeans (Gibb Steele Farms, Washington County).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
AV 49X0	AgVenture	53.1	—	—	9/24	28	1
HBK C4926	Hornbeck	48.8	57.4	66.4	9/26	30	1
R00-1194F (E)	Public	36.4	—	—	9/18	19	1
UA4805	Public	16.5	35.0	46.4	9/15	12	1
Overall mean		38.7	46.2	56.4			
LSD (.10)		9.1					
Error degrees of freedom		6					
CV (%)		14.8					
R^2 (%)		93					

[1]Sharkey clay soil. All are released varieties.

Table 48. Maturity Group V Early Soybeans (Gibb Steele Farms, Washington County).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
HBK C5025	Hornbeck	49.6	60.1	67.1	9/27	31	1
Jake	Public	41.0	53.9	61.7	9/23	19	1
Stoddard	Public	32.2	39.3	60.7	9/27	13	1
Osage	Public	31.2	49.3	—	9/22	13	1
Ozark	Public	30.3	40.6	46.1	9/27	12	1
DB03-8416 (E)	Public	29.0	46.2	—	9/28	12	1
DB03-10440 (E)	Public	28.8	36.5	—	9/28	14	1
USG 5002T	USG	27.9	40.8	51.2	9/26	13	1
DB01-5289 (E)	Public	18.6	39.6	50.8	9/30	11	1
DB03-1381 (E)	Public	7.0	28.0	—	10/3	11	1
Overall mean		29.6	49.3	56.3			
LSD (.10)		7.9					
Error degrees of freedom		18					
CV (%)		18.8					
R^2 (%)		87					

[1]Sharkey clay soil. (E) = Experimental.

Table 49. Maturity Group V Late Soybeans (Gibb Steele Farms, Washington County).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
HBK C5894	Hornbeck	57.8	63.3	66.4	9/30	22	1
R01-976 (E)	Public	40.9	—	—	10/1	14	1
Overall mean		49.4	63.3	66.4			
LSD (.10)		4.9					
Error degrees of freedom		2					
CV (%)		4.2					
R^2 (%)		98					

[1]Sharkey clay soil. All are released varieties.

Table 50. Roundup Ready Maturity Group IV Early Soybeans (Gibb Steele Farms, Washington County).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
Armor ARX4560 (E)	Armor	62.7	—	—	9/14	26	1
NK S44-D5 Brand	NK Brand	60.1	—	—	9/14	27	1
DK 4667	Delta King	59.5	53.6	58.6	9/16	29	1
MorSoy RTS4556N	MorSoy	57.8	53.4	—	9/17	28	1
NK S46-U6 Brand	NK Brand	57.2	51.9	—	9/19	29	1
HBK R4527	Hornbeck	55.1	54.7	—	—	28	1
AG4705	Asgrow	54.6	—	—	—	24	1
USG 74H48	USG	54.3	—	—	—	26	1
DG 37F46	Dyna-Gro	53.2	51.8	58.0	9/16	31	1
457.RCP	Schillinger	53.0	49.8	—	—	31	1
TV46R19	Terral	52.7	—	—	9/15	29	1
AG4605	Asgrow	52.6	53.5	—	9/18	24	1
EXP 460 (E)	JGL	52.4	—	—	9/15	26	1
AG4303	Asgrow	52.2	—	—	9/13	24	1
DK XTJ946 (E)	Delta King	51.9	—	—	9/19	25	1
DP4546RR	Asgrow	51.5	49.9	52.5	—	24	1
DKB46-51	Asgrow	50.9	49.4	52.5	—	25	1
AV 46J5NRR	AgVenture	50.7	—	—	—	24	1
Progeny 4206RR	Progeny	50.2	51.1	51.6	—	26	1
DG 33Y45	Dyna-Gro	50.1	47.6	—	9/16	24	1
AG4703	Asgrow	49.8	46.5	53.0	—	22	1
AG4606	Asgrow	49.6	—	—	—	22	1
TV46R15	Terral	49.5	49.4	52.4	9/12	29	1
Armor 42-M1 (E)	Armor	49.1	—	—	9/18	23	1
Progeny 4508RR (E)	Progeny	48.6	—	—	—	26	1
RC 4417	Croplan Genetics	48.5	—	—	—	25	1
C4119R	Crow's	48.5	—	—	9/12	25	1
DG 36C44	Dyna-Gro	48.2	—	—	—	22	1
MPG-X-48-3nRR (E)	M-Pride	48.1	—	—	—	24	1
NK S43-N6 Brand	NK Brand	47.9	—	—	9/17	23	1
AG4403	Asgrow	47.8	45.5	51.2	—	24	1
448.RCS (E)	Schillinger	47.7	—	—	9/18	23	1
C4517R	Crow's	47.1	—	—	—	26	1
MPG-X-48-2nRR (E)	M-Pride	47.0	—	—	—	25	1
Norfolk 741RR	Merschman	46.9	—	—	—	25	1
DG 32R46	Dyna-Gro	46.7	50.5	57.3	9/18	23	1
94Y20	Pioneer	46.7	—	—	—	24	1
TN07-266RR (E)	Public	46.6	—	—	—	25	1
USG 74A27	USG	46.2	47.9	—	—	20	1
AG4404	Asgrow	45.6	41.8	46.9	—	22	1
AV 46P1	AgVenture	44.8	—	—	9/16	26	1
Progeny 4606RR	Progeny	44.7	45.9	—	9/16	25	1
94Y60	Pioneer	44.0	—	—	—	22	1
458.RCS (E)	Schillinger	43.6	—	—	9/18	21	1
TV45R18	Terral	43.3	—	—	—	28	1
AG4405	Asgrow	43.2	42.0	—	—	21	1
RC 4455	Croplan Genetics	43.0	—	—	—	28	1
MPG 4406nRR	M-Pride	42.4	—	—	—	28	1
HBK R3824	Hornbeck	41.7	41.0	45.0	—	26	1
TV44R27	Terral	41.2	41.9	—	—	24	1
MorSoy RTS4488N (E)	MorSoy	40.8	—	—	—	22	1
Progeny 4408RR (E)	Progeny	40.6	—	—	—	22	1
ES 4661RR	Eagle Seed	39.3	—	—	9/17	22	1
USG 74A45	USG	39.2	—	—	—	25	1
Progeny 4405RR	Progeny	39.1	37.6	43.2	—	27	1
DG 31J39	Dyna-Gro	38.8	—	—	—	24	1
HBK R3927	Hornbeck	37.9	40.0	—	—	29	1
USG 74E68	USG	37.9	—	—	—	25	1
MorSoy RT4485N (E)	MorSoy	37.8	—	—	—	23	1
DG 37A44	Dyna-Gro	35.8	41.2	44.8	—	24	1
DG4150RR	Delta Grow	35.3	33.5	38.5	—	19	1
ES 4333RR	Eagle Seed	33.5	—	—	9/18	15	1
Overall mean		47.4	46.7	50.4			
LSD (.10)		6.1					
Error degrees of freedom		124					
CV (%)		9.5					
R^2 (%)		77					

[1]Sharkey clay soil. (E) = Experimental.

Table 51. Roundup Ready Maturity Group IV Late Soybeans (Gibb Steele Farms, Washington County).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
Nashville 749RR	Merschman	59.3	—	—	9/20	26	1
DP 4888RR/S	Asgrow	58.4	53.3	—	9/18	28	1
MorSoy RT4955N (E)	MorSoy	58.1	—	—	9/23	30	1
DG 36Y48	Dyna-Gro	58.0	57.1	62.0	9/24	26	1
TV47R18	Terral	57.6	—	—	9/17	30	1
DK4866	Asgrow	56.2	53.0	63.1	9/19	24	1
USG 74F78	USG	55.3	51.2	—	9/18	26	1
TV47R17	Terral	55.2	58.0	—	9/27	27	1
DK 5068	Asgrow	54.6	—	—	9/21	27	1
DK XTJ848 (E)	Delta King	54.6	—	—	—	24	1
USG 74A91	USG	54.5	—	—	9/18	21	1
TV49R17	Terral	54.3	51.4	—	9/26	29	1
Progeny 4949RR	Progeny	53.8	54.4	59.2	9/18	28	1
DG 4780RR	Delta Grow	53.8	52.9	—	9/19	28	1
AG4907	Asgrow	53.6	—	—	9/24	32	1
AV 49X9RR	AgVenture	52.9	—	—	9/18	27	1
USG 7495nRS	USG	52.8	51.6	—	9/17	25	1
DK XTJ949 (E)	Delta King	52.8	—	—	9/23	26	1
DG 4820RR	Delta Grow	52.1	—	—	9/21	27	1
HBK R4727	Hornbeck	51.6	49.6	—	9/24	27	1
MorSoy RT4888N (E)	MorSoy	51.5	—	—	9/21	23	1
MorSoy RT4688N (E)	MorSoy	51.4	—	—	9/19	23	1
Progeny 4718RR (E)	Progeny	51.4	—	—	9/17	27	1
P4807RR	Progeny	51.2	52.7	—	9/17	26	1
Progeny 4906RR	Progeny	51.1	54.0	61.0	9/17	26	1
DG4975LARR	Delta Grow	50.9	52.5	—	9/20	26	1
DK 4995	Delta King	50.9	—	—	9/21	27	1
DG 4870RR	Delta Grow	50.8	—	—	9/19	27	1
HBK R4828	Hornbeck	50.7	—	—	9/25	33	1
TV49R27	Terral	50.4	49.4	—	9/24	27	1
DK 4968	Delta King	50.2	48.4	—	9/17	28	1
USG 74F96	USG	50.2	—	—	9/23	22	1
Progeny 4908RR (E)	Progeny	50.1	—	—	9/21	24	1
MorSoy RT4707N	MorSoy	50.0	49.7	—	9/18	27	1
49D6	AgVenture	49.9	52.6	58.6	9/21	34	1
DG4770RR	Delta Grow	49.3	44.7	49.3	—	24	1
MPG 4907nRR/STS	M-Pride	49.2	—	—	9/24	26	1
AG4903	Asgrow	49.1	52.1	59.5	9/26	22	1
4782-4	Stine	49.1	51.3	55.6	9/19	26	1
478.RCS	Schillinger	49.1	—	—	9/18	26	1
DG 4970RR	Delta Grow	49.0	47.0	53.8	9/23	26	1
USG 74A88	USG	49.0	—	—	9/19	21	1
47G3 NRR	AgVenture	48.0	47.1	—	9/21	24	1
S05-4604 (E)	Public	47.8	—	—	9/27	22	1
MorSoy RT4914N (E)	MorSoy	47.7	—	—	9/22	27	1
RC 4877	Croplan Genetics	47.4	—	—	9/20	24	1
HBK R4924	Hornbeck	47.3	48.6	54.8	9/24	23	1
94Y70	Pioneer	47.3	—	—	9/17	23	1
TV48R14	Terral	47.1	46.5	51.1	9/20	31	1
DG 37P49	Dyna-Gro	47.1	—	—	9/21	25	1
MPV4808nRR	M-Pride	47.0	—	—	9/26	32	1
AG4705	Asgrow	46.7	—	—	—	24	1
TV49R19	Terral	46.5	—	—	9/27	28	1
ES 4818	Eagle Seed	46.2	—	—	9/23	32	1
495.RC	Schillinger	45.7	51.1	57.9	9/25	23	1
Progeny 4706RR	Progeny	45.7	45.9	54.2	—	23	1
DG 32P48	Dyna-Gro	45.7	—	—	9/22	24	1
AG4703	Asgrow	44.9	41.3	52.1	—	22	1
ES 4906	Eagle Seed	44.9	—	—	9/24	22	1
94B73	Pioneer	44.7	45.0	50.9	—	22	1
Houston 747RR	Merschman	44.0	—	—	9/16	27	1
94Y90	Pioneer	43.8	—	—	9/20	21	1
NK S49-W6 Brand	NK Brand	43.7	42.1	—	9/24	24	1
94M80	Pioneer	43.5	41.6	48.5	—	24	1
Progeny 4918RR (E)	Progeny	43.1	—	—	9/19	25	1

[1]Sharkey clay soil. (E) = Experimental.

Table 51 (cont.). Roundup Ready Maturity Group IV Late Soybeans (Gibb Steele Farms, Washington County).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
MPG 4705nRR	M-Pride	43.0	—	—	—	23	1
RC 4757	Croplan Genetics	42.5	—	—	9/21	22	1
ES 4777	Eagle Seed	40.6	—	—	9/22	27	1
ES 4991	Eagle Seed	40.5	—	—	9/21	25	1
Armor 47-G7	Armor	36.6	—	—	—	23	1
ESXVT-675 (E)	Eagle Seed	35.7	—	—	9/24	24	1
Armor ARX4717 (E)	Armor	25.6	—	—	9/26	23	1
Overall mean		49.0	49.8	56.2			
LSD (.10)		6.0					
Error degrees of freedom		144					
CV (%)		9.1					
R^2 (%)		71					

[1]Sharkey clay soil. (E) = Experimental.

Table 52. Roundup Ready Maturity Group V Early Soybeans (Gibb Steele Farms, Washington County).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
DK XTJ950 (E)	Delta King	55.9	—	—	9/27	14	1
DG5160RR	Delta Grow	54.8	46.6	55.0	9/23	29	1
Progeny 5208RR (E)	Progeny	54.0	—	—	9/21	23	1
DK 5068	Asgrow	53.1	—	—	9/20	28	1
MorSoy RT5168N (E)	MorSoy	52.9	—	—	9/25	25	1
DG 5170RR	Delta Grow	52.4	—	—	9/21	28	1
MPV 5407nRR	M-Pride	51.3	—	—	9/28	23	1
Progeny 5107RR	Progeny	51.0	—	—	9/26	28	1
HBK R5525	Hornbeck	50.7	57.2	61.7	9/27	18	1
AV 50X6RR	AgVenture	50.3	—	—	9/23	26	1
USG 7515nRS	USG	48.9	—	—	9/20	27	1
Progeny 5115RR	Progeny	48.6	48.1	54.4	9/22	29	1
S05-4678 (E)	Public	48.6	—	—	9/26	28	1
AG5503	Asgrow	48.3	—	—	10/1	12	1
USG 75J18	USG	48.1	—	—	9/21	25	1
DG 32A53	Dyna-Gro	47.1	50.9	57.0	9/26	12	1
95Y40	Pioneer	47.0	—	—	9/26	17	1
DG5470RR	Delta Grow	46.8	47.3	52.2	9/27	28	1
AV 50D2NRR	AgVenture	46.7	—	—	9/24	25	1
Progeny 5650RR	Progeny	46.3	53.6	60.3	10/3	16	1
95Y20	Pioneer	46.3	—	—	9/27	16	1
95M50	Pioneer	45.6	49.5	57.7	9/27	17	1
AV 54X4RR	AgVenture	45.2	—	—	9/28	16	1
AG5304	Asgrow	45.1	—	—	10/1	14	1
TV55R15	Terral	44.9	57.5	64.5	9/28	17	1
MorSoy RT5688N (E)	MorSoy	44.3	—	—	10/1	20	1
DK 52K6	Delta King	44.1	52.0	—	9/28	26	1
ES 5121	Eagle Seed	44.1	—	—	9/23	32	1
AGS 568RR	AgSouth	44.0	49.4	59.4	9/28	16	1
S04-21273 (E)	Public	43.4	—	—	9/29	17	1
Armor GP-533	Armor	43.3	52.2	61.6	9/26	12	1
DP 5335RR/S	Asgrow	42.9	48.5	—	9/23	16	1
AV 51X5RR	AgVenture	42.4	—	—	9/18	24	1
DG 33X55	Dyna-Gro	41.9	48.7	56.4	9/28	13	1
DG 35F55	Dyna-Gro	41.6	—	—	9/29	25	1
AG5606	Asgrow	41.4	—	—	10/1	14	1
DG 5555RR	Delta Grow	40.8	50.7	—	10/1	16	1
TV54R28	Terral	40.8	45.6	—	9/26	15	1
NK S52-F2 Brand	NK Brand	40.2	—	—	9/26	17	1
DP5634RR	Asgrow	40.1	49.8	56.9	10/1	17	1

[1]Sharkey clay soil. (E) = Experimental.

Table 52 (cont.). Roundup Ready Maturity Group V Early Soybeans (Gibb Steele Farms, Washington County).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
USG Allen	USG	40.1	50.1	—	10/3	17	1
HBK R5226	Hornbeck	39.6	52.1	58.7	9/20	16	1
52P2	AgVenture	38.4	41.5	—	9/27	14	1
HBK R5425	Hornbeck	38.2	49.9	53.3	9/30	32	3
Progeny 5108RR (E)	Progeny	38.0	—	—	9/25	15	1
USG 75J47	USG	37.7	—	—	10/1	14	1
MorSoy RT5288N (E)	MorSoy	36.8	—	—	9/28	14	1
ES XVT-19 (E)	Eagle Seed	36.6	—	—	10/1	17	1
USG 75Z38	USG	36.2	—	—	9/28	16	1
DG 5280RR	Delta Grow	36.1	—	—	9/28	15	1
MorSoy RT5388N (E)	MorSoy	35.9	—	—	9/28	16	1
TVX52R757 (E)	Terral	35.8	—	—	9/30	14	1
AV 53D3NRR	AgVenture	35.7	40.0	—	9/23	15	1
ESXVT-155 (E)	Eagle Seed	35.6	—	—	9/29	13	1
NK S56-D7	NK Brand	35.5	46.7	55.3	9/29	14	1
TV52R28	Terral	35.5	35.7	—	9/27	17	1
DG 5630RR (E)	Delta Grow	35.4	43.3	50.9	10/2	16	1
DG 5450RR	Delta Grow	35.3	42.6	—	10/1	17	1
DG 34J56	Dyna-Gro	34.9	47.5	56.7	9/28	14	1
MPV 5308nRR	M-Pride	34.0	—	—	9/21	17	1
DG 33B52	Dyna-Gro	33.6	43.7	51.7	9/25	11	1
RC 5007	Croplan Genetics	33.4	37.1	—	9/23	18	1
95Y41	Pioneer	33.1	—	—	9/24	19	1
C5417R	Crow's	32.5	—	—	9/27	17	1
Progeny 5622RR	Progeny	32.1	—	—	9/28	16	1
MorSoy RT5306N (E)	MorSoy	31.8	35.3	46.4	9/22	19	1
AG5504	Asgrow	31.6	—	—	10/2	16	1
Armor GP-500	Armor	31.3	40.6	—	9/22	20	1
DG 31R54	Dyna-Gro	31.3	42.8	—	9/29	14	1
557.RC	Schillinger	31.1	37.4	—	9/27	17	1
Progeny 5218RR (E)	Progeny	29.9	—	—	9/29	11	1
DG 5570RR	Delta Grow	29.7	38.8	—	9/27	15	1
MPG 5505nRR/STS	M-Pride	29.5	—	—	9/25	15	1
ESXVT-425 (E)	Eagle Seed	29.1	50.0	—	9/28	17	1
USG 7553nRS	USG	28.7	29.7	41.5	9/29	14	1
Progeny 5408RR (E)	Progeny	28.6	—	—	9/25	11	1
ESXVT-16 (E)	Eagle Seed	27.7	37.0	—	9/28	17	1
AG5405	Asgrow	27.6	—	—	9/27	22	1
Olympus 854RR	Merschman	27.5	—	—	9/28	16	1
538.R	Schillinger	26.7	—	—	9/28	14	1
DG 33P54	Dyna-Gro	26.6	32.2	—	10/2	14	1
TV52R14	Terral	24.9	33.4	45.8	9/24	17	1
DG5300RR	Delta Grow	24.9	32.8	44.4	9/23	15	1
RC 5332	Croplan Genetics	23.3	35.8	—	9/27	26	1
Progeny 5308RR (E)	Progeny	20.7	—	—	10/2	15	1
TN06-116RR (E)	Public	18.1	—	—	9/23	12	1
HBK RS5227	Hornbeck	17.8	34.6	—	9/27	14	1
Overall mean		36.7	44.5	54.6			
LSD (.10)		6.4					
Error degrees of freedom		174					
CV (%)		12.2					
R^2 (%)		84					

[1]Sharkey clay soil. (E) = Experimental.

Table 53. Roundup Ready Maturity Group V Late Soybeans (Gibb Steele Farms, Washington County).[1]

Variety	Brand	Yield			Maturity date	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.			
		bu/A	*bu/A*	*bu/A*		*in*	
TV57R16	Terral	44.4	56.2	62.0	10/1	26	2
MorSoy RT5906N	MorSoy	44.3	—	—	9/30	16	1
AGS606RR	AGS	44.0	—	—	10/1	18	1
DP5915RR	Asgrow	43.2	51.4	56.1	10/1	18	1
USG 75Z98	USG	43.1	—	—	10/6	14	1
DG 36T60	Dyna-Gro	42.7	—	—	10/1	19	1
TV59R16	Terral	42.5	59.2	65.3	10/1	20	1
HBK R5825	Hornbeck	42.1	47.4	55.0	10/1	19	1
USG 75J97	USG	41.1	—	—	10/2	15	1
DG 5970RR	Delta Grow	40.9	53.4	—	10/3	17	1
Progeny 5706RR	Progeny	40.3	56.1	62.2	10/4	16	1
95Y70	Pioneer	36.4	—	—	9/28	18	1
DG 32B57	Dyna-Gro	36.1	42.2	—	9/30	14	1
AG5803	Asgrow	35.1	—	—	9/28	17	1
AV 57D7RR	AgVenture	34.6	49.9	58.2	9/28	14	1
HBK R5727	Hornbeck	33.8	—	—	9/29	15	1
AG5905	Asgrow	31.9	48.3	55.3	9/28	14	1
DG 33C59	Dyna-Gro	31.2	56.0	—	10/5	13	1
USG 7582nRR	USG	29.9	47.4	53.4	9/30	17	1
R04-1276RR (E)	Public	29.7	—	—	9/23	15	1
Overall mean		38.4	51.6	58.2			
LSD (.10)		4.8					
Error degrees of freedom		38					
CV (%)		9.1					
R^2 (%)		79					

[1]Sharkey clay soil. (E) = Experimental.

Location 5. MAFES Black Belt Branch, Brooksville

Location Summary

Soybeans were planted into good soil moisture after the plot area was field cultivated. Rainfall soon after planting brought soybeans up to a good stand. The early part of the growing season was dry and temperatures were normal. Timely rainfall in July, August, and September helped increase yield potential, especially in the later-maturing tests. Late-season stinkbug pressure was high, and the plots were sprayed twice by aerial application. Plots were harvested on time with no weather delays.

Soil type	**Brooksville silty clay**
Soil pH	**6.2**
Soil fertility	**P=M; K=M**
Fertilizer added	**P_2O_5 @ 78 lb/A + K_2O @ 78 lb/A**
Herbicide applications	**Preemergence — Roundup Weathermax @ 22 oz/A + Python @ 1.25 oz/A + Dual II Magnum @ 32 oz/A (May 10)**
	Postemergence — Roundup Ready – Roundup Weathermax @ 22 oz/A (June 9)
	Postemergence — Conventional – First Rate @ 0.3 oz/A + First Rate @ 0.3 oz/A (June 9)
Insecticide applications	**Orthene @ .75 lb/A for stinkbugs on Aug. 27 and Sept. 10**
Planting date	**May 9**
Harvest date	**Group III – Sept. 26; Group IV Conventional and RR – Oct. 6; Group V RR – Oct. 14; Group V Conventional – Oct. 15**

Rainfall Summary

	Inches
May	**5.32**
June	**2.26**
July	**3.46**
August	**6.12**
September	**2.66**
October	**5.10**
Total	**24.92**

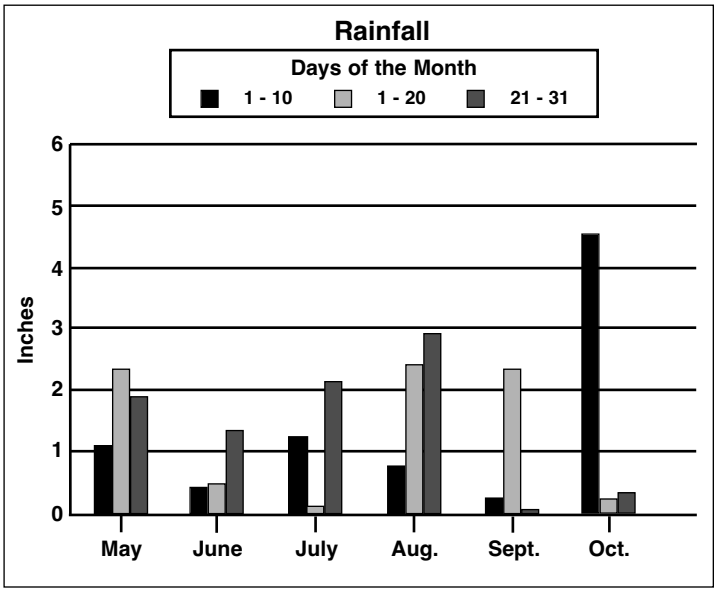

Table 54. Maturity Group IV Soybeans (Black Belt Branch Station, Brooksville).[1]

Variety	Brand	Yield			Maturity date[3]	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.[2]			
		bu/A	*bu/A*	*bu/A*		*in*	
UA4805	Public	46.2	42.6	—	—	24	1
R00-1194F (E)	Public	44.8	—	—	—	26	1
HBK C4926	Hornbeck	43.0	36.5	—	—	32	1
AV 49X0	AgVenture	42.5	—	—	—	30	1
Overall mean		44.2	39.6	—			
LSD (.10)		5.9					
Error degrees of freedom		6					
CV (%)		8.4					
R^2 (%)		49					

[1]Brooksville silty clay soil. All are released varieties.
[2]No 3-year yields.
[3]No maturity dates were taken.

Table 55. Maturity Group V Early Soybeans (Black Belt Branch Station, Brooksville). [1]

Variety	Brand	Yield			Maturity date[3]	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.[2]			
		bu/A	*bu/A*	*bu/A*		*in*	
Stoddard	Public	58.3	45.3	—	—	24	1
Ozark	Public	54.5	39.7	—	—	28	1
DB03-8416 (E)	Public	53.1	41.3	—	—	18	1
Jake	Public	53.0	43.0	—	—	22	1
DB01-5289 (E)	Public	52.2	40.2	—	—	22	1
Osage	Public	52.0	43.3	—	—	26	1
DB03-10440 (E)	Public	50.5	39.1	—	—	32	1
HBK C5025	Hornbeck	47.3	36.0	—	—	32	1
USG 5002T	USG	46.4	42.5	—	—	22	1
DB03-1381 (E)	Public	43.4	34.5	—	—	24	1
Overall mean		51.1	40.2	—			
LSD (.10)		8.1					
Error degrees of freedom		18					
CV (%)		11.3					
R^2 (%)		57					

[1]Brooksville silty clay soil. (E) = Experimental.
[2]No 3-year yields.
[3]No maturity dates were taken.

Table 56. Maturity Group V Late Soybeans (Black Belt Branch Station, Brooksville).[1]

Variety	Brand	Yield			Maturity date[3]	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.[2]			
		bu/A	*bu/A*	*bu/A*		*in*	
HBK C5894	Hornbeck	66.0	47.1	—	—	29	1
R01-976 (E)	Public	60.7	—	—	—	24	1
Overall mean		63.3	47.1	—			
LSD (.10)		20.7					
Error degrees of freedom		2					
CV (%)		13.7					
R^2 (%)		38					

[1]Brooksville silty clay soil. All are released varieties.
[2]No 3-year yields.
[3]No maturity dates were taken.

Table 57. Roundup Ready Maturity Group III Soybeans (Black Belt Branch Station, Brooksville).[1]

Variety	Brand	Yield			Maturity date[3]	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.[2]			
		bu/A	*bu/A*	*bu/A*		*in*	
HBK R3927	Hornbeck	28.7	30.9	—	—	29	1
S04-3924 (E)	Public	28.7	—	—	—	24	1
S04-20912 (E)	Public	25.8	—	—	—	22	1
HBK R3824	Hornbeck	22.9	26.8	—	—	32	1
Progeny 3906RR (E)	Progeny	22.7	—	—	—	27	1
398.RCP	Schillinger	22.4	—	—	—	31	1
TN07-220RR (E)	Public	21.6	—	—	—	28	1
AG3905	Asgrow	21.1	27.2	—	—	24	1
AG3803	Asgrow	20.3	21.6	—	—	25	1
AG3906	Asgrow	20.1	21.6	—	—	22	1
Armor 39-K4	Armor	18.1	23.6	—	—	33	1
AG4005	Asgrow	18.0	—	—	—	26	1
Overall mean		22.5	25.3	—			
LSD (.10)		5.4					
Error degrees of freedom		22					
CV (%)		17.3					
R^2 (%)		69					

[1]Brooksville silty clay soil. (E) = Experimental.
[2]No 3-year yields.
[3]No maturity dates were taken.

Table 58. Roundup Ready Maturity Group IV Early Soybeans (Black Belt Branch Station, Brooksville).[1]

Variety	Brand	Yield			Maturity date[3]	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.[2]			
		bu/A	*bu/A*	*bu/A*		*in*	
DG 37F46	Dyna-Gro	37.9	37.5	—	—	33	1
HBK R4527	Hornbeck	37.8	37.6	—	—	31	1
AG4405	Asgrow	36.9	36.5	—	—	26	1
DG 32R46	Dyna-Gro	36.3	33.7	—	—	34	1
NK S46-U6 Brand	NK Brand	35.6	39.1	—	—	35	1
94Y20	Pioneer	35.6	—	—	—	32	1
DP4546RR	Asgrow	34.9	33.0	—	—	35	1
DK 4667	Delta King	34.8	35.1	—	—	31	1
HBK R3927	Hornbeck	34.7	37.0	—	—	37	1
NK S43-N6 Brand	NK Brand	34.6	—	—	—	28	1
USG 74H48	USG	34.3	—	—	—	30	1
Progeny 4606RR	Progeny	33.9	33.1	—	—	24	1
MPG-X-48-3nRR (E)	M-Pride	33.3	—	—	—	30	1
94Y60	Pioneer	33.2	—	—	—	27	1
C4517R	Crow's	33.0	—	—	—	33	1
DG 36C44	Dyna-Gro	33.0	—	—	—	28	1
Armor ARX4560 (E)	Armor	32.9	—	—	—	32	1
NK S44-D5 Brand	NK Brand	32.9	—	—	—	29	1
Progeny 4408RR (E)	Progeny	32.6	—	—	—	23	1
457.RCP	Schillinger	32.5	32.0	—	—	34	1
Armor 42-M1 (E)	Armor	32.1	—	—	—	21	1
DKB46-51 w/Cruiser	Asgrow	31.7	—	—	—	28	1
ES 4661RR	Eagle Seed	31.5	—	—	—	29	1
MorSoy RTS4488N (E)	MorSoy	31.4	—	—	—	23	1
DG 33Y45	Dyna-Gro	30.7	28.8	—	—	25	1
ES 4333RR	Eagle Seed	30.4	—	—	—	28	1
DK XTJ946 (E)	Delta King	30.2	—	—	—	26	1
DKB46-51	Asgrow	29.9	30.2	—	—	27	1
TV46R19	Terral	29.9	—	—	—	33	1
AG4605	Asgrow	29.8	30.3	—	—	27	1
AG4303	Asgrow	29.8	—	—	—	25	1

[1]Brooksville silty clay soil. (E) = Experimental.
[2]No 3-year yields.
[3]No maturity dates were taken.

Table 58 (cont.). Roundup Ready Maturity Group IV Early Soybeans (Black Belt Branch Station, Brooksville).[1]

Variety	Brand	Yield			Maturity date[3]	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.[2]			
		bu/A	*bu/A*	*bu/A*		*in*	
AG4703	Asgrow	29.7	32.1	—	—	25	1
Progeny 4405RR	Progeny	29.2	29.5	—	—	34	1
DG4150RR	Delta Grow	29.1	32.2	—	—	28	1
AG4404	Asgrow	28.7	27.9	—	—	26	1
AG4403	Asgrow	28.6	30.0	—	—	26	1
Progeny 4508RR (E)	Progeny	28.6	—	—	—	29	1
AG4705	Asgrow	28.4	—	—	—	29	1
EXP 460 (E)	JGL	28.2	—	—	—	36	1
Norfolk 741RR	Merschman	27.7	—	—	—	28	1
MorSoy RT4485N (E)	MorSoy	27.4	—	—	—	32	1
USG 74A45	USG	27.2	—	—	—	36	1
MPG 4406nRR	M-Pride	27.0	—	—	—	35	1
MorSoy RTS4556N	MorSoy	26.9	27.3	—	—	30	1
C4119R	Crow's	26.3	—	—	—	26	1
DG 37A44	Dyna-Gro	26.2	28.6	—	—	34	1
TV44R27	Terral	25.8	30.8	—	—	35	1
TN07-266RR (E)	Public	25.8	—	—	—	31	1
DG 31J39	Dyna-Gro	25.5	—	—	—	29	1
Progeny 4206RR	Progeny	25.5	27.7	—	—	25	1
MPG-X-48-2nRR (E)	M-Pride	25.4	—	—	—	29	1
TV46R15	Terral	25.3	28.3	—	—	35	1
TV45R18	Terral	25.0	—	—	—	36	1
USG 74A27	USG	24.9	29.2	—	—	27	1
RC 4455	Croplan Genetics	24.9	—	—	—	33	1
HBK R3824	Hornbeck	24.8	29.5	—	—	30	1
AG4606	Asgrow	24.8	—	—	—	28	1
AV 46P1	AgVenture	23.9	—	—	—	29	1
AV 46J5NRR	AgVenture	23.7	—	—	—	23	1
RC 4417	Croplan Genetics	22.4	—	—	—	34	1
458.RCS (E)	Schillinger	21.8	—	—	—	28	1
448.RCS (E)	Schillinger	21.8	—	—	—	33	1
USG 74E68	USG	19.8	—	—	—	30	1
Overall mean		29.5	31.9	—			
LSD (.10)		6.5					
Error degrees of freedom		124					
CV (%)		16.3					
R^2 (%)		62					

[1]Brooksville silty clay soil. (E) = Experimental.
[2]No 3-year yields.
[3]No maturity dates were taken.

Table 59. Roundup Ready Maturity Group IV Late Soybeans (Black Belt Branch Station, Brooksville).[1]

Variety	Brand	Yield			Maturity date[3]	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.[2]			
		bu/A	*bu/A*	*bu/A*		*in*	
Progeny 4908RR (E)	Progeny	46.8	—	—	—	29	1
USG 74A91	USG	46.6	—	—	—	30	1
AG4903	Asgrow	46.4	39.8	—	—	27	1
Progeny 4906RR	Progeny	45.5	39.3	—	—	31	1
MorSoy RT4688N (E)	MorSoy	45.1	—	—	—	25	1
DK 5068	Asgrow	43.7	—	—	—	29	1
DG 4820RR	Delta Grow	43.2	—	—	—	25	1
ES 4777	Eagle Seed	42.9	—	—	—	26	1
HBK R4924	Hornbeck	42.5	38.1	—	—	33	1
MPG 4907nRR/STS	M-Pride	42.5	—	—	—	29	1
DG 37P49	Dyna-Gro	42.4	39.8	—	—	30	1
USG 74F96	USG	42.4	—	—	—	32	1
ESXVT-675 (E)	Eagle Seed	42.3	—	—	—	32	1
DG 36Y48	Dyna-Gro	42.0	38.9	—	—	31	1
DG 32P48	Dyna-Gro	41.9	—	—	—	29	1
MorSoy RT4707N	MorSoy	41.1	36.6	—	—	28	1
DG4975LARR	Delta Grow	41.0	39.9	—	—	35	1
DG 4870RR	Delta Grow	40.8	—	—	—	29	1
DK 4995	Delta King	40.7	—	—	—	34	1
USG 74F78	USG	40.5	38.3	—	—	26	1
DK XTJ949 (E)	Delta King	40.4	—	—	—	34	1
USG 74A88	USG	40.4	—	—	—	30	1
S05-4604 (E)	Public	40.1	—	—	—	35	1
MorSoy RT4888N (E)	MorSoy	40.0	—	—	—	28	1
49D6	AgVenture	39.2	35.3	—	—	32	1
RC 4757	Croplan Genetics	39.2	—	—	—	24	1
DG 4970RR	Delta Grow	39.1	34.4	—	—	34	1
ES 4818	Eagle Seed	39.1	—	—	—	31	1
94Y70	Pioneer	39.1	—	—	—	30	1
Progeny 4918RR (E)	Progeny	39.1	—	—	—	28	1
AV 49X9RR	AgVenture	39.0	—	—	—	34	1
47G3 NRR	AgVenture	38.8	34.6	—	—	29	1
MorSoy RT4914N (E)	MorSoy	38.5	—	—	—	31	1
94Y90	Pioneer	38.3	—	—	—	28	1
MorSoy RT4955N (E)	MorSoy	37.9	—	—	—	23	1
AG4703	Asgrow	37.5	35.6	—	—	27	1
P4807RR	Progeny	37.2	35.2	—	—	32	1
ES 4991	Eagle Seed	37.2	—	—	—	30	1
Progeny 4718RR (E)	Progeny	37.1	—	—	—	26	1
Progeny 4706RR	Progeny	37.0	34.4	—	—	26	1
TV47R17	Terral	36.9	33.9	—	—	29	1
DG 4780RR	Delta Grow	36.7	32.8	—	—	31	1
94M80	Pioneer	36.6	34.8	—	—	32	1
AG4907	Asgrow	36.6	—	—	—	28	1
DK4866	Asgrow	36.4	36.7	—	—	25	1
USG 7495nRS	USG	36.3	34.3	—	—	30	1
4782-4	Stine	36.1	35.3	—	—	26	1
DG4770RR	Delta Grow	36.0	33.5	—	—	29	1
Progeny 4949RR	Progeny	35.9	32.9	—	—	34	1
Nashville 749RR	Merschman	35.8	—	—	—	24	1
TV47R18	Terral	34.9	—	—	—	30	1
NK S49-W6 Brand	NK Brand	34.8	32.6	—	—	32	1
ES 4906	Eagle Seed	34.7	—	—	—	23	1
DK 4968	Delta King	34.6	33.2	—	—	30	1
MPV4808nRR	M-Pride	34.6	—	—	—	36	1
RC 4877	Croplan Genetics	34.4	—	—	—	27	1
HBK R4828	Hornbeck	33.9	—	—	—	36	1
495.RC	Schillinger	33.6	33.6	—	—	31	1
Houston 747RR	Merschman	33.4	—	—	—	24	1
Armor ARX4717 (E)	Armor	33.3	—	—	—	25	1
MPG 4705nRR	M-Pride	33.2	—	—	—	27	1
TV49R27	Terral	32.8	32.5	—	—	31	1
DK XTJ848 (E)	Delta King	32.5	—	—	—	33	1

[1]Brooksville silty clay soil. (E) = Experimental.
[2]No 3-year yields.
[3]No maturity dates were taken.

Table 59 (cont.). Roundup Ready Maturity Group IV Late Soybeans (Black Belt Branch Station, Brooksville).[1]

Variety	Brand	Yield			Maturity date[3]	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.[2]			
		bu/A	*bu/A*	*bu/A*		*in*	
TV49R19	Terral	32.3	—	—	—	30	1
Armor 47-G7	Armor	32.1	—	—	—	26	1
AG4705	Asgrow	32.0	—	—	—	28	1
TV49R17	Terral	31.9	33.3	—	—	36	1
HBK R4727	Hornbeck	30.6	30.7	—	—	29	1
DP 4888RR/S	Asgrow	28.8	32.8	—	—	30	1
94B73	Pioneer	28.2	30.0	—	—	29	1
478.RCS	Schillinger	26.3	—	—	—	31	1
TV48R14	Terral	24.9	26.4	—	—	27	1
Overall mean		37.5	34.8	—			
LSD (.10)		6.4					
Error degrees of freedom		144					
CV (%)		12.6					
R^2 (%)		65					

[1]Brooksville silty clay soil. (E) = Experimental.
[2]No 3-year yields.
[3]No maturity dates were taken.

Table 60. Roundup Ready Maturity Group V Early Soybeans (Black Belt Branch Station, Brooksville).[1]

Variety	Brand	Yield			Maturity date[3]	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.[2]			
		bu/A	*bu/A*	*bu/A*		*in*	
DG 35F55	Dyna-Gro	61.0	—	—	—	30	1
MorSoy RT5688N (E)	MorSoy	60.2	—	—	—	26	1
DG 5555RR	Delta Grow	57.3	45.7	—	—	29	1
Armor GP-533	Armor	56.6	43.2	—	—	26	1
NK S56-D7	NK Brand	56.1	39.4	—	—	24	1
Progeny 5650RR	Progeny	55.0	41.1	—	—	30	1
S04-21273 (E)	Public	55.0	—	—	—	22	1
DG 34J56	Dyna-Gro	54.5	40.7	—	—	34	1
DG 31R54	Dyna-Gro	54.3	41.8	—	—	28	1
AG5606	Asgrow	54.1	—	—	—	28	1
TV55R15	Terral	53.4	42.7	—	—	36	1
DP5634RR	Asgrow	53.2	36.5	—	—	32	1
DG 5450RR	Delta Grow	53.2	38.0	—	—	28	1
C5417R	Crow's	53.2	—	—	—	24	1
DG 5630RR (E)	Delta Grow	53.1	36.5	—	—	32	1
HBK R5525	Hornbeck	53.1	37.5	—	—	30	1
USG Allen	USG	53.1	37.6	—	—	26	1
DG 33X55	Dyna-Gro	52.9	38.5	—	—	29	1
DG 5570RR	Delta Grow	52.7	40.2	—	—	26	1
TV52R28	Terral	52.3	37.6	—	—	26	1
Progeny 5218RR (E)	Progeny	52.3	—	—	—	23	1
ESXVT-425 (E)	Eagle Seed	52.2	35.7	—	—	23	1
DK 52K6	Delta King	52.0	39.0	—	—	28	1
95Y20	Pioneer	52.0	—	—	—	21	1
TV54R28	Terral	51.4	38.6	—	—	28	1
ES 5121	Eagle Seed	51.4	—	—	—	34	1
USG 7553nRS	USG	51.1	37.3	—	—	27	1
MPV 5308nRR	M-Pride	50.9	—	—	—	27	1
MorSoy RT5168N (E)	MorSoy	50.7	—	—	—	29	1
95M50	Pioneer	50.6	36.4	—	—	28	1
AV 54X4RR	AgVenture	49.9	35.0	—	—	29	1
DG 32A53	Dyna-Gro	49.8	39.3	—	—	26	1
MorSoy RT5306N (E)	MorSoy	49.7	38.2	—	—	26	1
S05-4678 (E)	Public	49.1	—	—	—	32	1

[1]Brooksville silty clay soil. (E) = Experimental.
[2]No 3-year yields.
[3]No maturity dates were taken.

Table 60 (cont.). Roundup Ready Maturity Group V Early Soybeans (Black Belt Branch Station, Brooksville).[1]

Variety	Brand	Yield			Maturity date[3]	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.[2]			
		bu/A	*bu/A*	*bu/A*		*in*	
RC 5007	Croplan Genetics	48.9	33.3	—	—	25	1
AG5503	Asgrow	48.9	—	—	—	30	1
Armor GP-500	Armor	48.8	39.8	—	—	27	1
HBK R5425	Hornbeck	48.6	36.2	—	—	33	1
Progeny 5308RR (E)	Progeny	48.6	—	—	—	24	1
DG5300RR	Delta Grow	47.6	35.5	—	—	25	1
DP 5335RR/S	Asgrow	47.5	37.4	—	—	32	1
AGS 568RR	AgSouth	47.2	35.6	—	—	25	1
DG5470RR	Delta Grow	47.1	36.5	—	—	37	1
AV 53D3NRR	AgVenture	47.1	37.0	—	—	29	1
MorSoy RT5388N (E)	MorSoy	47.1	—	—	—	27	1
ESXVT-16 (E)	Eagle Seed	46.9	35.7	—	—	19	1
HBK R5226	Hornbeck	46.8	35.5	—	—	24	1
AG5504	Asgrow	46.7	—	—	—	23	1
Olympus 854RR	Merschman	46.6	—	—	—	27	1
DG 33B52	Dyna-Gro	46.5	37.0	—	—	22	1
95Y40	Pioneer	46.5	—	—	—	24	1
NK S52-F2 Brand	NK Brand	46.1	33.8	—	—	23	1
MPV 5407nRR	M-Pride	45.6	—	—	—	31	1
52P2	AgVenture	45.5	36.4	—	—	30	1
HBK RS5227	Hornbeck	45.4	33.6	—	—	28	1
DG 33P54	Dyna-Gro	44.8	36.9	—	—	24	1
AV 50D2NRR	AgVenture	44.6	32.3	—	—	32	1
MorSoy RT5288N (E)	MorSoy	44.6	—	—	—	23	1
DG 5280RR	Delta Grow	44.6	—	—	—	23	1
538.R	Schillinger	44.6	—	—	—	24	1
ESXVT-155 (E)	Eagle Seed	44.3	—	—	—	20	1
Progeny 5408RR (E)	Progeny	44.0	—	—	—	26	1
ES XVT-19 (E)	Eagle Seed	43.9	—	—	—	24	1
USG 75Z38	USG	43.9	—	—	—	25	1
DK 5068	Asgrow	43.6	33.7	—	—	29	1
USG 75J47	USG	43.3	—	—	—	22	1
Progeny 5622RR	Progeny	43.2	—	—	—	27	1
Progeny 5107RR	Progeny	42.9	—	—	—	30	1
AG5405	Asgrow	42.7	—	—	—	27	1
DG 5170RR	Delta Grow	42.6	—	—	—	24	1
DG5160RR	Delta Grow	42.5	33.7	—	—	28	1
AG5304	Asgrow	42.5	—	—	—	24	1
USG 7515nRS	USG	42.4	—	—	—	28	1
Progeny 5108RR (E)	Progeny	42.2	—	—	—	28	1
DK XTJ950 (E)	Delta King	42.1	—	—	—	32	1
TVX52R757 (E)	Terral	42.0	—	—	—	26	1
Progeny 5115RR	Progeny	41.6	34.2	—	—	33	1
RC 5332	Croplan Genetics	41.1	33.6	—	—	28	1
MPG 5505nRR/STS	M-Pride	40.6	—	—	—	29	1
TN06-116RR (E)	Public	40.4	—	—	—	23	1
TV52R14	Terral	39.9	31.9	—	—	23	1
557.RC	Schillinger	39.8	29.7	—	—	23	1
95Y41	Pioneer	39.5	—	—	—	28	1
USG 75J18	USG	39.3	—	—	—	23	1
AV 50X6RR	AgVenture	38.4	—	—	—	33	1
Progeny 5208RR (E)	Progeny	37.5	—	—	—	27	1
AV 51X5RR	AgVenture	37.2	—	—	—	33	1
Overall mean		47.6	37.0	—			
LSD (.10)		7.7					
Error degrees of freedom		172					
CV (%)		12.0					
R^2 (%)		57					

[1]Brooksville silty clay soil. (E) = Experimental.
[2]No 3-year yields.
[3]No maturity dates were taken.

Table 61. Roundup Ready Maturity Group V Late Soybeans (Black Belt Branch Station, Brooksville).[1]

Variety	Brand	Yield			Maturity date[3]	Plant height	Lodging score
		2008	2-yr. avg.	3-yr. avg.[2]			
		bu/A	*bu/A*	*bu/A*		*in*	
DG 5970RR	Delta Grow	57.4	42.8	—	—	28	1
95Y70	Pioneer	57.1	—	—	—	30	1
DG 33C59	Dyna-Gro	56.1	45.1	—	—	23	1
TV57R16	Terral	55.9	41.6	—	—	33	1
TV59R16	Terral	54.3	43.7	—	—	23	1
HBK R5727	Hornbeck	54.2	—	—	—	27	1
DP5915RR	Asgrow	53.9	39.1	—	—	30	1
MorSoy RT5906N	MorSoy	53.6	—	—	—	28	1
USG 75Z98	USG	52.8	—	—	—	29	1
AG5905	Asgrow	51.9	39.1	—	—	34	1
Progeny 5706RR	Progeny	51.1	37.3	—	—	27	1
USG 75J97	USG	50.7	—	—	—	30	1
DG 32B57	Dyna-Gro	50.5	39.2	—	—	27	1
AV 57D7RR	AgVenture	49.1	37.3	—	—	26	1
AGS606RR	AGS	49.1	—	—	—	26	1
R04-1276RR (E)	Public	47.2	—	—	—	27	1
DG 36T60	Dyna-Gro	46.4	—	—	—	28	1
USG 7582nRR	USG	45.3	35.1	—	—	26	1
AG5803	Asgrow	44.2	—	—	—	30	1
HBK R5825	Hornbeck	43.7	34.4	—	—	30	1
Overall mean		51.2	39.5	—			
LSD (.10)		7.9					
Error degrees of freedom		38					
CV (%)		11.2					
R^2 (%)		48					

[1]Brooksville silty clay soil. (E) = Experimental.
[2]No 3-year yields.
[3]No maturity dates were taken.

Plant Characteristics

Table 62. Plant Characteristics of Maturity Group IV Soybeans.[1]

Variety	Brand	Color				Seeds[2]	Growth		Protein	Oil
		Bloom	Pubescence	Pod wall	Hilum		D/I[3]	RM[4]		
						no./lb			%	%
AV 49X0	AgVenture	purple	tawny	tan	brown	2900	I	4.9	35.3	21.6
HBK C4926	Hornbeck	purple	gray	tan	imp black	2900	I	4.9	34.5	21.9
R00-1194F (E)	Public	white	gray	tan	black	3400	I	4.9	35.7	21.0
UA4805	Public	purple	gray	tan	brown	3700	I	4.8	36.6	20.4

[1](E) = Experimental.
[2]Represents an average number of seed per pound; seed may vary according to season and location.
[3]D = determinate; I = indeterminate.
[4]Relative Maturity is an indicator of how this variety or line matures in relationship to other varieties or lines. The whole number refers to Maturity Groups IV and V. The decimal numbers convey the relative earliness or lateness. For example, 4.0 is very early in Group IV, while 4.9 is very late in Group IV.

Table 63. Plant Characteristics of Maturity Group V Early Soybeans.[1]

Variety	Brand	Color				Seeds[2]	RM[3]	Protein	Oil
		Bloom	Pubescence	Pod wall	Hilum				
						no./lb		%	%
HBK C5025	Hornbeck	white	gray	tan	buff	3300	5.0	34.9	21.4
DB01-5289 (E)	Public	white	tawny	tan	imp. black	3500	5.6	36.4	20.2
DB03-10440 (E)	Public	purple	gray	tan	imp. black	2700	5.4	36.2	20.6
DB03-1381 (E)	Public	purple	tawny	tan	imp. black	3400	5.6	35.1	20.5
DB03-8416 (E)	Public	purple	gray	tan	imp. black	3000	5.6	36.8	20.3
Jake	Public	purple	tawny	tan	black	3000	5.4	36.0	20.7
Osage	Public	purple	gray	tan	imp. black	3200	5.6	37.5	19.8
Ozark	Public	purple	gray	tan	buff	3100	5.2	35.2	21.0
Stoddard	Public	white	tawny	tan	black	3300	5.1	35.9	20.8
USG 5002T	USG	white	tawny	tan	imp black	2800	5.0	36.5	20.9

[1](E) = Experimental.
[2]Represents an average number of seed per pound; seed may vary according to season and location.
[3]Relative Maturity is an indicator of how this variety or line matures in relationship to other varieties or lines. The whole number refers to Maturity Groups IV and V. The decimal numbers convey the relative earliness or lateness. For example, 5.0 is very early in Group V, while 5.9 is very late in Group V.

Table 64. Plant Characteristics of Maturity Group V Late Soybeans.[1]

Variety	Brand	Color				Seeds[2]	RM[3]	Protein	Oil
		Bloom	Pubescence	Pod wall	Hilum				
						no./lb		%	%
HBK C5894	Hornbeck	purple	gray	tan	imp. black	2700	5.8	36.0	20.7
R01-976 (E)	Public	Seg.	gray	tan	imp. black	2700	5.9	35.8	20.7

[1](E) = Experimental.
[2]Represents an average number of seed per pound; seed may vary according to season and location.
[3]Relative Maturity is an indicator of how this variety or line matures in relationship to other varieties or lines. The whole number refers to Maturity Groups IV and V. The decimal numbers convey the relative earliness or lateness. For example, 5.0 is very early in Group V, while 5.9 is very late in Group V.

Table 65. Plant Characteristics of Roundup Ready Maturity Group III Soybeans.[1]

Variety	Brand	Color				Seeds[2]	Growth		Protein	Oil
		Bloom	Pubescence	Pod wall	Hilum		D/I[3]	RM[4]		
						no./lb			%	%
Armor 39-K4	Armor	purple	brown	tan	black	3100	I	3.9	34.6	20.9
AG3803	Asgrow	purple	gray	brown	imp. black	2800	I	3.8	34.3	21.1
AG3905	Asgrow	purple	tawny	tan	black	3300	I	3.9	34.1	20.5
AG3906	Asgrow	purple	brown	tan	black	2900	I	3.9	34.4	21.0
AG4005	Asgrow	white	tan	brown	black	2700	I	4.0	34.4	20.7
HBK R3824	Hornbeck	purple	lt. tawny	tan	black	3500	I	3.9	32.9	21.1
HBK R3927	Hornbeck	purple	gray	tan	black	2900	I	3.9	33.7	20.5
Progeny 3906RR	Progeny	purple	gray	brown	imp. black	2800	I	3.9	34.7	20.6
S04-20912 (E)	Public	purple	gray	tan	imp. black	2700	I	3.9	34.2	20.6
S04-3924 (E)	Public	purple	gray	tan	imp. black	2600	I	3.9	33.2	21.0
TN07-220RR (E)	Public	purple	tawny	—	—	3700	I	3.8	34.9	20.3
398.RCP	Schillinger	purple	tawny	tan	black	2900	I	3.9	34.1	21.7

[1](E) = Experimental.
[2]Represents an average number of seed per pound; seed may vary according to season and location.
[3]D = determinate; I = indeterminate.
[4]Relative Maturity is an indicator of how this variety or line matures in relationship to other varieties or lines. The whole number refers to Maturity Groups IV and V. The decimal numbers convey the relative earliness or lateness. For example, 3.0 is very early in Group III, while 3.9 is very late in Group III.

Table 66. Plant Characteristics of Roundup Ready Maturity Group IV Early Soybeans.[1]

Variety	Brand	Color				Seeds[2]	Growth		Protein	Oil
		Bloom	Pubescence	Pod wall	Hilum		D/I[3]	RM[4]		
						no./lb			%	%
AV 46J5NRR	AgVenture	purple	tawny	tan	black	2300	I	4.6	35.5	20.5
AV 46P1RR	AgVenture	purple	lt. tawny	tan	black	3300	I	4.6	34.8	20.3
Armor 42-M1 (E)	Armor	purple	tawny	tan	black	2900	I	4.2	34.4	20.8
Armor ARX 4560 (E)	Armor	purple	gray	tawny	black	3100	I	4.5	35.0	20.2
AG4303	Asgrow	purple	lt. tawny	tan	black	2500	I	4.3	34.9	20.7
AG4403	Asgrow	purple	lt. tawny	tan	black	3500	I	4.4	34.7	21.1
AG4404	Asgrow	white	tawny	tan	black	3600	I	4.4	35.7	20.3
AG4405	Asgrow	purple	gray	tan	imp. black	3600	I	4.4	34.9	20.8
AG4605	Asgrow	purple	lt. tawny	brown	black	2800	I	4.6	35.2	20.6
AG4606	Armor	white	tawny	tan	black	3400	I	4.6	35.2	20.9
AG4703	Asgrow	purple	tan	lt. tawny	black	3500	I	4.7	35.8	20.1
AG4705	Asgrow	white	lt. tawny	tan	black	2700	I	4.7	34.9	21.1
Asgrow DKB46-51	Asgrow	white	tawny	tan	black	3000	I	4.6	35.9	20.1
RC 4417R	Croplan Genetics	purple	tawny	brown	black	3100	I	4.4	35.4	20.7
RC 4455	Croplan Genetics	purple	lt. tawny	brown	brown	3900	I	4.4	35.5	20.6
C4119R	Crow's	purple	tawny	tan	—	2500	I	4.1	35.6	20.8
C4517R	Crow's	—	—	—	—	3200	—	4.5	35.6	20.4
DG 4150RR	Delta Grow	white	tawny	tan	brown	4100	I	4.1	35.9	20.4
DK 4667	Delta King	purple	lt. tawny	brown	black	3000	I	4.6	34.0	20.8
DK XTJ946 (E)	Delta King	white	tawny	tan	imp. black	4100	I	4.6	34.2	20.6
DP4546RR	Asgrow	white	tawny	tan	black	2900	I	4.5	35.2	20.4
DG 31J39	Dyna-Gro	purple	tawny	tan	black	3500	I	4.0	34.1	21.0
DG 32R46	Dyna-Gro	purple	lt. tawny	tan	black	3000	I	4.6	34.9	21.1
DG 33Y45	Dyna-Gro	purple	lt. tawny	brown	black	3200	I	4.5	35.9	20.6
DG 36C44	Dyna-Gro	purple	tawny	tan	black	2700	I	4.4	35.0	20.8
DG 37A44	Dyna-Gro	purple	tawny	brown	black	3400	I	4.4	34.2	20.5
DG 37F46	Dyna-Gro	purple	tawny	brown	black	2800	I	4.6	34.2	20.9
ES 4333RR	Eagle Seed	purple	tawny	brown	black	3400	I	4.3	35.5	20.3
ES 4661RR	Eagle Seed	white	tawny	brown	black	4300	I	4.6	34.5	20.5
HBK R3824	Hornbeck	purple	lt. tawny	tan	black	3400	I	4.0	34.9	20.9
HBK R3927	Hornbeck	purple	gray	tan	black	3000	I	4.0	34.5	20.8
HBK R4527	Hornbeck	white	gray	tan	black	3500	I	4.5	35.3	19.7

[1](E) = Experimental.
[2]Represents an average number of seed per pound; seed may vary according to season and location.
[3]D = determinate; I = indeterminate.
[4]Relative Maturity is an indicator of how this variety or line matures in relationship to other varieties or lines. The whole number refers to Maturity Groups IV and V. The decimal numbers convey the relative earliness or lateness. For example, 4.0 is very early in Group IV, while 4.9 is very late in Group IV.

Table 66 (cont.). Plant Characteristics of Roundup Ready Maturity Group IV Early Soybeans.[1]

Variety	Brand	Color				Seeds[2]	Growth		Protein	Oil
		Bloom	Pubescence	Pod wall	Hilum		D/I[3]	RM[4]		
						no./lb			*%*	*%*
EXP 460 (E)	JGL	white	tawny	tan	imp. black	4100	I	4.6	34.6	20.7
Norfolk 741RR	Merschman	white	lt. tawny	brown	black	2600	I	4.1	34.8	20.6
MorSoy RT4485N	MorSoy	purple	lt. tawny	brown	black	3500	I	4.4	35.6	20.5
MorSoy RTS4488N (E)	MorSoy	purple	lt. tawny	tan	black	2900	I	4.4	35.1	20.8
MorSoy RTS4556N (E)	MorSoy	purple	lt. tawny	brown	black	2700	I	4.6	35.1	20.4
MPG 4406nRR	M-Pride	purple	lt. tawny	brown	brown	3900	I	4.4	35.0	20.6
MPG-X-48-2nRR (E)	M-Pride	purple	lt. tawny	tan	black	3900	I	4.4	34.5	21.2
MPG-X-48-3nRR (E)	M-Pride	purple	lt. tawny	tan	black	4100	I	4.6	34.7	21.2
NK S43-N6 Brand	NK Brand	white	lt. tawny	brown	black	3500	I	4.3	35.1	20.3
NK S44-D5 Brand	NK Brand	white	lt. tawny	brown	brown	3900	I	4.4	35.0	20.2
NK S46-U6 Brand	NK Brand	white	lt. tawny	brown	black	3200	I	4.6	34.6	20.4
94Y20	Pioneer	white	lt. tawny	brown	black	2800	I	4.2	35.8	20.7
94Y60	Pioneer	white	tawny	brown	black	3100	I	4.6	35.7	20.3
Progeny 4206RR	Progeny	white	lt. tawny	brown	black	3000	I	4.1	34.8	20.6
Progeny 4405RR	Progeny	purple	lt. tawny	brown	brown	3600	I	4.4	34.3	20.9
Progeny 4408RR (E)	Progeny	purple	lt. tawny	tawny	black	2600	I	4.4	34.5	20.6
Progeny 4508RR (E)	Progeny	purple	lt. tawny	tawny	black	3700	I	4.5	34.0	21.3
Progeny 4606RR	Progeny	purple	lt. tawny	tawny	black	2700	I	4.6	33.6	20.9
TN07-266RR (E)	Public	purple	tawny	—	—	3600	I	4.1	35.5	20.7
448.RCS (E)	Schillinger	purple	tawny	brown	black	3200	I	4.4	34.6	21.1
457.RCP	Schillinger	purple	tawny	brown	black	3100	I	4.5	35.4	20.8
458.RCS (E)	Schillinger	white	lt. tawny	tan	black	3000	I	4.5	35.1	19.6
TV44R27	Terral	purple	lt. tawny	brown	brown	4000	I	4.4	35.3	20.2
TV45R18	Terral	purple	lt. tawny	tan	imp. black	3300	I	4.4	34.8	20.8
TV46R15	Terral	white	tawny	tan	black	3500	I	4.6	35.7	20.4
TV46R19	Terral	white	tawny	tan	imp. black	4300	I	4.6	34.8	20.9
USG 74A27	USG	white	tawny	tan	black	2500	I	4.2	35.9	20.5
USG 74A45	USG	purple	lt. tawny	brown	brown	3200	I	4.5	34.4	20.6
USG 74E68	USG	white	gray	tan	buff	2900	I	4.6	35.7	20.2
USG 74H48	USG	purple	lt. tawny	brown	black	3700	I	4.4	35.4	20.7

[1](E) = Experimental.
[2]Represents an average number of seed per pound; seed may vary according to season and location.
[3]D = determinate; I = indeterminate.
[4]Relative Maturity is an indicator of how this variety or line matures in relationship to other varieties or lines. The whole number refers to Maturity Groups IV and V. The decimal numbers convey the relative earliness or lateness. For example, 4.0 is very early in Group IV, while 4.9 is very late in Group IV.

Table 67. Plant Characteristics of Roundup Ready Maturity Group IV Late Soybeans.[1]

Variety	Brand	Color				Seeds[2]	Growth		Protein	Oil
		Bloom	Pubescence	Pod wall	Hilum		D/I[3]	RM[4]		
						no./lb			*%*	*%*
AV 47G3NRR	AgVenture	purple	tawny	brown	black	2700	I	4.7	35.0	20.6
AV 49D6NRR	AgVenture	purple	lt. tawny	brown	black	2900	I	4.9	34.8	21.3
AV 49X9NRR	AgVenture	purple	lt. tawny	brown	black	2600	I	4.9	35.6	21.1
Armor 47-G7	Armor	white	brown	tan	black	3100	I	4.7	36.4	20.3
Armor ARX 4717 (E)	Armor	purple	gray	tan	black	3000	I	4.7	35.4	21.2
AG4703	Asgrow	purple	tawny	tan	black	3500	I	4.7	36.0	20.3
AG4705	Asgrow	white	lt. tawny	tan	black	2700	I	4.7	35.2	21.6
AG4903	Asgrow	purple	tan	lt. tawny	black	3400	I	4.9	35.6	20.7
AG4907	Asgrow	purple	lt. tawny	brown	black	2700	I	4.9	35.2	20.6
DK 4866	Asgrow	purple	lt. tawny	brown	black	2900	I	4.8	35.3	20.6
DK 5068	Asgrow	white	gray	tan	black	2900	I	5.0	36.1	20.2
RC 4757	Croplan Genetics	white	lt. tawny	tan	black	2800	I	4.7	34.7	21.3
RC 4877	Croplan Genetics	purple	tawny	brown	black	2800	I	4.8	35.3	20.8
DG 4770RR	Delta Grow	purple	tawny	brown	black	3200	I	4.7	35.3	20.7
DG 4780RR	Delta Grow	purple	tawny	brown	black	2800	I	4.7	35.5	20.6

[1](E) = Experimental.
[2]Represents an average number of seed per pound; seed may vary according to season and location.
[3]D = determinate; I = indeterminate
[4]Relative Maturity is an indicator of how this variety or line matures in relationship to other varieties or lines. The whole number refers to Maturity Groups IV and V. The decimal numbers convey the relative earliness or lateness. For example, 4.0 is very early in Group IV, while 4.9 is very late in Group IV.

Table 67 (cont.). Plant Characteristics of Roundup Ready Maturity Group IV Late Soybeans.[1]

Variety	Brand	Color				Seeds[2]	Growth		Protein	Oil
		Bloom	Pubescence	Pod wall	Hilum		D/I[3]	RM[4]		
						no./lb			%	%
DG 4820RR	Delta Grow	—	—	—	—	3100	I	4.8	35.6	20.8
DG 4870RR	Delta Grow	white	tawny	brown	black	3200	I	4.8	35.8	20.0
DG 4970RR	Delta Grow	purple	lt. tawny	brown	black	3000	I	4.9	35.9	20.0
DG 4975RR	Delta Grow	purple	lt. tawny	brown	black	3200	I	4.9	34.8	21.0
DK 4968	Delta King	purple	gray	tan	black	3200	I	4.9	35.2	20.5
DK 4995	Delta King	white	tawny	tan	white	2700	I	4.9	36.3	19.6
DK XTJ848 (E)	Delta King	purple	lt. tawny	tan	black	3100	I	4.8	35.3	21.0
DK XTJ949 (E)	Delta King	white	gray	tan	buff	2900	I	4.9	36.2	20.3
DP4888RR/S	Asgrow	white	tawny	tan	black	2800	I	4.8	35.5	20.8
DG 32P48	Dyna-Gro	white	tawny	brown	black	3200	I	4.8	36.0	20.3
DG 36Y48	Dyna-Gro	purple	gray	tan	black	3100	I	4.8	35.5	21.4
DG 37P49	Dyna-Gro	purple	tawny	tan	black	3500	I	4.9	35.6	20.8
ES 4777	Eagle Seed	white	tawny	tan	black	4000	I	4.7	35.5	20.7
ES 4818	Eagle Seed	white	tawny	brown	black	3200	I	4.8	34.9	20.6
ES 4906	Eagle Seed	white	tawny	brown	black	3600	I	4.9	35.0	20.6
ES 4991	Eagle Seed	white	tawny	tan	black	3400	I	4.9	34.5	21.2
ES XTJ675 (E)	Eagle Seed	purple	gray	gray	yellow	2800	I	4.9	35.5	20.4
HBK R4727	Hornbeck	purple	tawny	brown	black	2800	I	4.7	36.2	20.6
HBK R4828	Hornbeck	white	gray	tan	buff	2800	I	4.8	34.5	21.6
HBK R4924	Hornbeck	purple	lt. tawny	brown	imp. black	3000	I	4.9	34.4	20.7
Houston 747RR	Merschman	Seg.	gray	tan	black	3000	I	4.7	34.9	21.2
Nashville 749RR	Merschman	white	gray	brown	black	2500	I	4.9	35.2	20.8
MorSoy RT4688N (E)	MorSoy	purple	lt. tawny	tan	black	3200	I	4.7	35.6	20.9
MorSoy RT4707N	MorSoy	purple	tawny	brown	black	3200	I	4.7	35.4	20.7
MorSoy RT4888N (E)	MorSoy	white	tawny	brown	black	3200	I	4.8	36.1	20.2
MorSoy RT4914N	MorSoy	purple	lt. tawny	brown	black	3300	I	4.9	36.1	19.9
MorSoy RTS4955N	MorSoy	purple	gray	tan	imp. black	3400	I	4.9	35.3	21.2
MPG 4705nRR	M-Pride	white	tawny	tan	black	3200	I	4.7	36.3	20.2
MPG 4808nRR	M-Pride	white	tawny	tan	black	3300	I	4.8	35.4	21.2
MPG 4907nRR/STS	M-Pride	purple	gray	tan	imp. black	3600	I	4.9	35.2	21.4
NK S49-W6 Brand	NK Brand	white	lt. tawny	tan	black	3500	I	4.9	34.2	20.7
94B73	Pioneer	purple	lt. tawny	tan	black	3100	I	4.7	36.3	20.9
94M80	Pioneer	white	tawny	tan	black	2900	I	4.8	36.4	20.3
94Y70	Pioneer	purple	tawny	brown	black	3200	I	4.7	35.3	21.0
94Y90	Pioneer	purple	lt. tawny	brown	black	3100	I	4.9	35.2	20.9
Progeny 4706RR	Progeny	purple	tawny	tawny	black	3100	I	4.7	35.6	20.7
Progeny 4718RR (E)	Progeny	purple	tawny	tawny	black	3300	I	4.7	36.0	20.6
Progeny 4807RR	Progeny	purple	tawny	brown	black	3200	I	4.8	35.6	20.5
Progeny 4906RR	Progeny	purple	tawny	tawny	black	2800	I	4.9	35.6	20.8
Progeny 4908RR (E)	Progeny	white	lt. tawny	brown	black	2800	I	4.9	35.4	20.9
Progeny 4918RR (E)	Progeny	white	tawny	brown	black	3200	I	4.9	36.0	20.3
Progeny 4949RR	Progeny	white	tawny	brown	black	2400	I	4.9	35.6	20.9
S05-4604 (E)	Public	white	tawny	tan	black	2700	I	4.9	34.9	20.8
478.RCS	Schillinger	purple	lt. tawny	tan	black	3300	I	4.7	33.9	21.0
495.RC	Schillinger	purple	lt. tawny	brown	black	3200	I	4.9	35.4	20.0
4782-4	Stine	purple	lt. tawny	tan	black	3000	I	4.7	34.8	21.2
TV47R17	Terral	purple	gray	brown	black	2800	I	4.7	35.3	20.3
TV47R18	Terral	white	tawny	tan	imp. black	3200	I	4.7	35.6	20.4
TV48R14	Terral	purple	tawny	tan	imp. black	3600	I	4.8	35.2	20.9
TV49R17	Terral	white	tawny	brown	black	3600	I	4.9	36.1	20.1
TV49R19	Terral	white	tawny	brown	black	3800	I	4.9	34.0	21.7
TV49R27	Terral	purple	lt. tawny	brown	black	2800	I	4.9	36.4	19.9
USG 74A88	USG	white	tawny	brown	black	3200	I	4.8	35.7	20.2
USG 74A91	USG	purple	lt. tawny	tan	black	3500	I	4.9	35.0	21.2
USG 74F78	USG	purple	tawny	tan	black	3200	I	4.7	35.7	20.8
USG 74F96	USG	purple	lt. tawny	tan	black	2800	I	4.9	34.6	20.4
USG 7495nRS	USG	purple	gray	tan	imp. black	3100	I	4.9	35.6	21.3

[1](E) = Experimental.
[2]Represents an average number of seed per pound; seed may vary according to season and location.
[3]D = determinate; I = indeterminate
[4]Relative Maturity is an indicator of how this variety or line matures in relationship to other varieties or lines. The whole number refers to Maturity Groups IV and V. The decimal numbers convey the relative earliness or lateness. For example, 4.0 is very early in Group IV, while 4.9 is very late in Group IV.

Table 68. Plant Characteristics of Roundup Ready Maturity Group V Early Soybeans.[1]

Variety	Brand	Color				Seeds[2]	RM[3]	Protein	Oil
		Bloom	Pubescence	Pod wall	Hilum				
						no./lb		*%*	*%*
AGS 568RR	AgSouth	purple	tawny	tan	black	2400	5.6	36.3	20.3
AV 50D2NRR	AgVenture	purple	tawny	brown	black	3200	5.0	37.0	19.9
AV 50X6RR	AgVenture	—	—	—	—	3100		36.5	20.7
AV 51X5RR	AgVenture	purple	tawny	tan	black	3100	5.1	36.5	20.4
AV 52P2NRR	AgVenture	purple	tawny	tan	black	2700	5.2	36.1	20.5
AV 53D3NRR	AgVenture	purple	tawny	tan	black	3100	5.3	35.2	20.8
AV 54X4RR	AgVenture	purple	tawny	tan	black	2500	5.4	36.0	20.7
Armor GP-500	Armor	white	brown	tan	black	3400	5.0	36.4	20.1
Armor GP-533	Armor	white	brown	tan	brown	3500	5.3	36.0	19.9
AG5304	Asgrow	purple	lt. tawny	tan	black	2300	5.3	35.4	21.1
AG5405	Asgrow	white	tawny	tan	buff	3300	5.4	35.4	20.8
AG5503	Asgrow	white	tawny	tan	black	2900	5.5	34.5	21.3
AG5504	Asgrow	—	—	—	—	3100	5.5	34.8	20.9
AG5606	Asgrow	white	tawny	tan	brown	2400	5.6	35.2	20.9
DK5068	Asgrow	white	gray	tan	black	2900	5.0	36.5	20.4
RC 5007	Croplan Genetics	white	gray	tan	buff	3100	5.0	35.6	20.5
RC 5332	Croplan Genetics	purple	tawny	tan	black	3000	5.3	36.0	20.1
C5417R	Crow's	white	tawny	tan	black	3000	5.4	36.4	20.3
DG 5160RR/STS	Delta Grow	purple	gray	brown	black	2900	5.1	36.2	21.0
DG 5170RR	Delta Grow	white	tawny	brown	black	2500	5.1	35.6	20.6
DG 5280RR	Delta Grow	—	—	—	—	2700	5.2	36.1	20.6
DG 5300RR	Delta Grow	white	gray	tan	buff	3500	5.3	35.0	20.7
DG 5450RR	Delta Grow	white	gray	tan	buff	3100	5.4	36.9	19.3
DG 5470RR	Delta Grow	white	tawny	tan	black	2800	5.4	36.1	20.8
DG 5555RR	Delta Grow	purple	gray	brown	imp. black	2900	5.5	35.7	20.4
DG 5570RR/sts	Delta Grow	white	gray	tan	buff	2800	5.5	36.1	20.4
DG 5630RR	Delta Grow	white	gray	tan	buff	3600	5.6	35.9	20.2
DK 52K6	Delta King	purple	tawny	brown	black	2700	5.2	36.4	20.2
DK XTJ950 (E)	Delta King	purple	gray	brown	buff	2800	5.0	35.8	20.8
DP5335RR/S	Asgrow	white	tawny	tan	brown	2400	5.3	36.5	20.3
DP5634RR	Asgrow	white	tawny	tan	black	2900	5.6	35.7	20.5
DG 31R54	Dyna-Gro	white	tawny	tan	black	3000	5.4	36.6	20.0
DG 32A53	Dyna-Gro	purple	tawny	tan	black	2400	5.3	36.5	20.3
DG 33B52	Dyna-Gro	white	gray	tan	black	2900	5.2	35.3	21.2
DG 33P54	Dyna-Gro	purple	gray	tan	black	2600	5.4	35.2	21.0
DG 33X55	Dyna-Gro	purple	tawny	tan	black	2700	5.5	36.4	20.1
DG 34J56	Dyna-Gro	purple	tawny	tan	black	2500	5.6	35.4	20.4
DG 35F55	Dyna-Gro	purple	gray	tan	black	2400	5.5	36.2	20.2
ES 5121	Eagle Seed	—	—	—	—	3500	5.1	36.5	19.9
ESXVT-16RR (E)	Eagle Seed	white	gray	tan	brown	3400	5.5	35.6	20.5
ESXVT-19RR (E)	Eagle Seed	white	tawny	tan	black	2900	5.5	35.8	20.1
ESXVT-155RR (E)	Eagle Seed	purple	tan	brown	black	3000	5.4	35.5	20.9
ESXVT-425RR (E)	Eagle Seed	purple	gray	tan	buff	3900	5.6	33.9	19.5
HBK R5226	Hornbeck	purple	tawny	tan	black	2900	5.2	36.0	20.5
HBK R5425	Hornbeck	white	gray	tan	buff	3000	5.4	35.8	20.4
HBK R5525	Hornbeck	purple	tawny	tan	black	2500	5.5	35.8	20.6
HBK RS5227	Hornbeck	white	gray	tan	buff	3100	5.2	35.2	20.7
Olympus 845RR	Merschman	purple	tawny	tan	black	2700	5.4	36.2	20.6
MorSoy RT5168N (E)	MorSoy	white	gray	tan	buff	3100	5.1	36.6	20.3
MorSoy RT5288N (E)	MorSoy	purple	tawny	tan	black	2700	5.2	35.8	20.8
MorSoy RT5306N	MorSoy	purple	tawny	brown	black	3100	5.3	35.0	21.0
MorSoy RT5388N (E)	MorSoy	white	gray	tan	buff	2900	5.3	35.7	20.7
MorSoy RT5688N (E)	MorSoy	white	gray	tan	buff	2300	5.6	35.9	20.2
MPG 5308nRR	M-Pride	purple	tawny	tan	black	2900	5.3	35.2	20.9
MPG 5407nRR	M-Pride	white	tawny	tan	imp. black	2500	5.4	36.4	20.7
MPG 5505nRR/STS	M-Pride	white	gray	brown	buff	3300	5.5	35.8	20.2
NK S52-F2 Brand	NK Brand	purple	tawny	tan	black	3000	5.2	36.8	20.7
NK S56-D7	NK Brand	purple	tawny	tan	black	2900	5.6	36.0	20.3
95M50	Pioneer	purple	gray	tan	imp. black	2700	5.5	35.8	20.2
95Y20	Pioneer	purple	tawny	tan	black	3300	5.2	35.8	20.1
95Y40	Pioneer	white	tawny	brown	black	2700	5.4	36.0	20.4
95Y41	Pioneer	purple	gray	tan	imp. black	3000	5.4	35.3	20.2

[1](E) = Experimental.
[2]Represents an average number of seed per pound; seed may vary according to season and location.
[3]Relative Maturity is an indicator of how this variety or line matures in relationship to other varieties or lines. The whole number refers to Maturity Groups IV and V. The decimal numbers convey the relative earliness or lateness. For example, 5.0 is very early in Group V, while 5.9 is very late in Group V.

Table 68 (cont.). Plant Characteristics of Roundup Ready Maturity Group V Early Soybeans.[1]

Variety	Brand	Color				Seeds[2]	RM[3]	Protein	Oil
		Bloom	Pubescence	Pod wall	Hilum				
						no./lb		%	%
Progeny 5107RR	Progeny	purple	tawny	tawny	black	2700	5.1	36.2	20.3
Progeny 5108RR (E)	Progeny	white	lt. tawny	tawny	black	2900	5.1	36.1	20.3
Progeny 5115RR	Progeny	purple	lt. tawny	brown	black	3000	5.1	35.8	20.6
Progeny 5208RR (E)	Progeny	white	tawny	brown	buff	3800	5.2	36.0	20.8
Progeny 5218RR (E)	Progeny	purple	tawny	tawny	black	2800	5.2	36.2	20.7
Progeny 5308RR (E)	Progeny	white	gray	tawny	buff	2800	5.3	36.1	20.5
Progeny 5408RR (E)	Progeny	white	gray	tawny	buff	3100	5.4	35.0	21.1
Progeny 5622RR	Progeny	white	gray	tawny	buff	3200	5.6	35.8	20.3
Progeny 5650RR	Progeny	white	gray	tawny	buff	3100	5.6	34.9	21.3
S04-21273 (E)	Public	white	tawny	tan	imp. black	2900	5.1	35.2	20.5
S05-4678 (E)	Public	white	tawny	tan	brown	2700	5.4	35.9	20.4
TN06-116RR (E)	Public	purple	gray	—	—	3200	5.2	35.1	21.3
538.R	Schillinger	purple	gray	tan	imp. black	3000	5.3	35.6	20.3
557.RC	Schillinger	white	gray	tan	imp. black	3200	5.5	35.9	20.1
TV52R14	Terral	white	gray	tan	buff	3200	5.2	36.1	20.4
TV55R15	Terral	purple	gray	tan	imp. black	2400	5.3	36.0	20.3
TV52R28	Terral	purple	gray	tan	black	3600	5.2	36.4	19.9
TV54R28	Terral	purple	tawny	tan	imp. black	3200	5.4	35.2	21.0
TVX52R757 (E)	Terral	white	gray	tan	buff	3800	5.2	35.6	20.6
USG 7515nRS	USG	purple	gray	tan	imp. black	3100	5.1	36.3	20.9
USG 7553nRS	USG	white	gray	brown	buff	3300	5.5	35.9	20.2
USG 75J18	USG	purple	tawny	tan	black	2600	5.1	35.3	20.8
USG 75J47	USG	purple	gray	tan	imp. black	3500	5.4	35.1	20.9
USG 75Z38	USG	purple	tawny	tan	black	2800	5.3	36.3	20.4
USG Allen	USG	white	gray	tan	buff	2700	5.6	36.0	19.8

[1](E) = Experimental.
[2]Represents an average number of seed per pound; seed may vary according to season and location.
[3]Relative Maturity is an indicator of how this variety or line matures in relationship to other varieties or lines. The whole number refers to Maturity Groups IV and V. The decimal numbers convey the relative earliness or lateness. For example, 5.0 is very early in Group V, while 5.9 is very late in Group V.

Table 69. Plant Characteristics of Roundup Ready Maturity Group V Late Soybeans.[1]

Variety	Brand	Color				Seeds[2]	RM[3]	Protein	Oil
		Bloom	Pubescence	Pod wall	Hilum				
						no./lb		%	%
AGS 606RR	AGS	white	tawny	tan	black	2600	6.0	36.2	19.8
AV 57D7NRR	AgVenture	purple	tawny	tan	black	3100	5.7	35.9	19.8
AG5803	Asgrow	purple	gray	tan	buff	2800	5.8	35.4	20.2
AG5905	Asgrow	white	tawny	gray	buff	3200	5.9	35.5	20.3
DG 5970RR	Delta Grow	white	gray	tan	buff	2800	5.9	35.3	20.5
DP5915RR	Asgrow	white	tawny	tan	black	3000	5.9	35.3	20.1
DG 32B57	Dyna-Gro	purple	tawny	tan	black	2500	5.7	36.1	20.2
DG 33C59	Dyna-Gro	white	gray	tan	black	2500	5.9	35.8	20.0
DG 36T60	Dyna-Gro	white	tawny	tan	black	2900	5.9	36.6	19.5
HBK R5727	Hornbeck	purple	tawny	tan	black	2700	5.7	36.3	20.2
HBK R5825	Hornbeck	purple	tawny	tan	imp. black	2600	5.8	36.5	19.9
MorSoy RT5906N	MorSoy	white	gray	tan	buff	2500	5.9	35.9	20.3
95Y70	Pioneer	white	gray	tan	buff	3100	5.7	35.2	20.3
Progeny 5706RR	Progeny	white	gray	tawny	buff	3200	5.7	35.6	20.4
R04-1276RR (E)	Public	white	gray	tan	buff	3100	5.9	35.6	20.0
TV57R16	Terral	purple	tawny	tan	imp. black	2600	5.7	35.6	19.9
TV59R16	Terral	white	gray	tan	buff	2500	5.9	35.5	19.9
USG 75J97	USG	white	gray	tan	buff	3100	5.9	35.8	20.4
USG 75Z98	USG	white	gray	tan	buff	2200	5.9	35.6	20.2
USG 7582nRR	USG	white	gray	tan	buff	2600	5.8	35.1	20.3

[1](E) = Experimental. (G) = Gaucho.
[2]Represents an average number of seed per pound; seed may vary according to season and location.
[3]Relative Maturity is an indicator of how this variety or line matures in relationship to other varieties or lines. The whole number refers to Maturity Groups IV and V. The decimal numbers convey the relative earliness or lateness. For example, 5.0 is very early in Group V, while 5.9 is very late in Group V.

Reaction to Diseases

Tables in this section report data on the soybean varieties' reactions to the common disease stem canker.

Disease Ratings. Disease ratings for stem canker were made by plant pathologists at Mississippi State University.

Stem Canker Score. In addition to the disease ratings, each variety was also assigned a score for its reaction to stem canker. This score gives an average rating of 40 plants stuck with a toothpick of stem canker inoculum. Stem canker ratings convey the level of tolerance based on the score of the plants tooth picked: VS = 4.6-5.0, S = 2.0-4.5, MS = 1.5-1.9, MR = 1.2-1.4, and R = 1.0-1.1.

Some lines or varieties exhibited a range of reactions to stem canker. These findings are expressed as ranges in the table (i.e., R-VS). In these ranges, letters in parentheses highlight a variety's predominant reaction. For example, "R-VS(R)" means the variety ranged from resistant to very susceptible in its response; however, the predominant response was resistant. Varieties or lines that exhibited such a range were mixtures or were still segregating.

HNR is the highest numeric rating in response to stem canker

Table 70. 2008 Soybean Stem Canker Rating for Maturity Group III Roundup Ready Soybeans at the Delta Branch Experiment Station, Stoneville.

Variety	Brand	Average Rating		Variety	Brand	Average Rating	
		Numeric	Letter			Numeric	Letter
Armor 39-K4	Armor	1.01	R	HBK R3927	Hornbeck	1	R
AG3803	Asgrow	1	R	Progeny 3906RR	Progeny	1	R
AG3905	Asgrow	4.3	R-VS (VS)	S04-20912 (E)	Public	1	R
AG3906	Asgrow	1	R	S04-3924 (E)	Public	1	R
AG4005	Asgrow	1	R	TN07-220RR (E)	Public	1	R
HBK R3824	Hornbeck	1	R	398.RCP	Schillinger	1	R

Table 71. 2008 Soybean Stem Canker Rating for Maturity Group IV Early Roundup Ready Soybeans at the Delta Branch Experiment Station, Stoneville.

Variety	Brand	Average Rating		Variety	Brand	Average Rating	
		Numeric	Letter			Numeric	Letter
AV 46J5NRR	AgVenture	1	R	HBK R4527	Hornbeck	1	R
AV 46P1RR	AgVenture	1	R	EXP 460 (E)	JGL	1	R
Armor 42-M1 (E)	Armor	1	R	Norfolk 741RR	Merschman	1	R
Armor ARX 4560 (E)	Armor	1	R	MorSoy RT4485N	MorSoy	1	R
AG4303	Asgrow	1	R	MorSoy RTS4488N (E)	MorSoy	1	R
AG4403	Asgrow	3.9	R-VS (VS)	MorSoy RTS4556N (E)	MorSoy	1	R
AG4404	Asgrow	4	R-VS)VS)	MPG 4406nRR	M-Pride	1	R
AG4405	Asgrow	1	R	MPG-X-48-2nRR (E)	M-Pride	—	R
AG4605	Asgrow	1.2	R	MPG-X-48-3nRR (E)	M-Pride	—	R
AG4606	Armor	1	R	NK S43-N6 Brand	NK Brand	1	R
AG4703	Asgrow	1.3	R-VS (R)	NK S44-D5 Brand	NK Brand	1	R
AG4705	Asgrow	—	—	NK S46-U6 Brand	NK Brand	1	R
Asgrow DKB46-51	Asgrow	3.4	R-VS	94Y20	Pioneer	1.1	R
RC 4417R	Croplan Genetics	1	R	94Y60	Pioneer	1	R
RC 4455	Croplan Genetics	1.05	R	Progeny 4206RR	Progeny	1	R
C4119R	Crow's	1	R	Progeny 4405RR	Progeny	1	R
C4517R	Crow's	1	R	Progeny 4408RR (E)	Progeny	1	R
DG 4150RR	Delta Grow	1	R	Progeny 4508RR (E)	Progeny	2.9	R-VS
DK 4667	Delta King	1	R	Progeny 4606RR	Progeny	1	R
DK XTJ946 (E)	Delta King	1	R	TN07-266RR (E)	Public	1	R
DP4546RR	Asgrow	1.1	R	448.RCS (E)	Schillinger	1	R
DG 31J39	Dyna-Gro	1	R	457.RCP	Schillinger	1	R
DG 32R46	Dyna-Gro	1	R	458.RCS (E)	Schillinger	1	R
DG 33Y45	Dyna-Gro	1	R	TV44R27	Terral	1	R
DG 36C44	Dyna-Gro	1	R	TV45R18	Terral	1	R
DG 37A44	Dyna-Gro	—	—	TV46R15	Terral	1.01	R
DG 37F46	Dyna-Gro	1	R	TV46R19	Terral	1	R
ES 4333RR	Eagle Seed	1.1	R	USG 74A27	USG	1.1	R
ES 4661RR	Eagle Seed	1	R	USG 74A45	USG	1	R
HBK R3824	Hornbeck	—	—	USG 74E68	USG	1	R
HBK R3927	Hornbeck	—	—	USG 74H48	USG	1	R

Table 72. 2008 Soybean Stem Canker Rating for Maturity Group IV Late Roundup Ready Soybeans at the Delta Branch Experiment Station, Stoneville.

Variety	Brand	Average Rating	
		Numeric	Letter
AV 47G3NRR	AgVenture	1	R
AV 49D6NRR	AgVenture	—	—
AV 49X9NRR	AgVenture	1	R
Armor 47-G7	Armor	4.2	R-VS (VS)
Armor ARX 4717 (E)	Armor	1	R
AG4703	Asgrow	—	—
AG4705	Asgrow	1	R
AG4903	Asgrow	2.5	R-VS
AG4907	Asgrow	1	R
DK 4866	Asgrow	4.3	R-VS (VS)
DK 5068	Asgrow	1	R
RC 4757	Croplan Genetics	1	R
RC 4877	Croplan Genetics	2.6	R-VS (MS)
DG 4770RR	Delta Grow	1	R
DG 4780RR	Delta Grow	—	—
DG 4820RR	Delta Grow	1	R
DG 4870RR	Delta Grow	3.2	R-VS
DG 4970RR	Delta Grow	1	R
DG 4975RR	Delta Grow	2.6	R-VS
DK 4968	Delta King	1	R
DK 4995	Delta King	1	R
DK XTJ848 (E)	Delta King	3.2	R-VS
DK XTJ949 (E)	Delta King	1.1	R
DP4888RR/S	Asgrow	1	R
DG 32P48	Dyna-Gro	4.5	MS-VS (VS)
DG 36Y48	Dyna-Gro	1.1	R
DG 37P49	Dyna-Gro	3.3	R-VS
ES 4777	Eagle Seed	1	R
ES 4818	Eagle Seed	1	R
ES 4906	Eagle Seed	1	R
ES 4991	Eagle Seed	1	R
ES XTJ675 (E)	Eagle Seed	1	R
HBK R4727	Hornbeck	1	R
HBK R4828	Hornbeck	1	R
HBK R4924	Hornbeck	1	R
Houston 747RR	Merschman	1	R
Nashville 749RR	Merschman	1	R
MorSoy RT4688N (E)	MorSoy	1	R
MorSoy RT4707N	MorSoy	1	R
MorSoy RT4888N (E)	MorSoy	4	MS-VS (VS)
MorSoy RT4914N	MorSoy	1	R
MorSoy RTS4955N	MorSoy	1	R
MPG 4705nRR	M-Pride	4.2	MR-VS (VS)
MPG 4808nRR	M-Pride	1	R
MPG 4907nRR/STS	M-Pride	1	R
NK S49-W6 Brand	NK Brand	1	R
94B73	Pioneer	1	R
94M80	Pioneer	—	—
94Y70	Pioneer	1	R
94Y90	Pioneer	1	R
Progeny 4706RR	Progeny	1	R
Progeny 4718RR (E)	Progeny	1	R
Progeny 4807RR	Progeny	1	R
Progeny 4906RR	Progeny	1	R
Progeny 4908RR (E)	Progeny	1	R
Progeny 4918RR (E)	Progeny	4.7	S-VS (VS)
Progeny 4949RR	Progeny	1	R
S05-4604 (E)	Public	1	R
478.RCS	Schillinger	1	R
495.RC	Schillinger	1	R
4782-4	Stine	1	R
TV47R17	Terral	1.1	R
TV47R18	Terral	1.1	R
TV48R14	Terral	1	R
TV49R17	Terral	1	R
TV49R19	Terral	2.3	R-VS
TV49R27	Terral	1	R
USG 74A88	USG	3.3	R-VS
USG 74A91	USG	2.1	R-S (R)
USG 74F78	USG	1	R
USG 74F96	USG	1	R
USG 7495nRS	USG	1	R

Table 73. 2008 Soybean Stem Canker Rating for Maturity Group V Early Roundup Ready Soybeans at the Delta Branch Experiment Station, Stoneville.

Variety	Brand	Average Rating		Variety	Brand	Average Rating	
		Numeric	Letter			Numeric	Letter
AGS 568RR	AgSouth	1	R	HBK R5425	Hornbeck	1	R
AV 50D2NRR	AgVenture	1	R	HBK R5525	Hornbeck	1	R
AV 50X6RR	AgVenture	1	R	HBK RS5227	Hornbeck	1	R
AV 51X5RR	AgVenture	1	R	Olympus 845RR	Merschman	1.02	R
AV 52P2NRR	AgVenture	1	R	MorSoy RT5168N (E)	MorSoy	1	R
AV 53D3NRR	AgVenture	2.2	R-VS	MorSoy RT5288N (E)	MorSoy	1	R
AV 54X4RR	AgVenture	1	R	MorSoy RT5306N	MorSoy	1.05	R
Armor GP-500	Armor	1	R	MorSoy RT5388N (E)	MorSoy	1.1	R
Armor GP-533	Armor	1	R	MorSoy RT5688N (E)	MorSoy	1	R
AG5304	Asgrow	1	R	MPG 5308nRR	M-Pride	2.3	R-VS
AG5405	Asgrow	1	R	MPG 5407nRR	M-Pride	1	R
AG5503	Asgrow	1	R	MPG 5505nRR/STS	M-Pride	1	R
AG5504	Asgrow	2	R-VS	NK S52-F2 Brand	NK Brand	1	R
AG5606	Asgrow	1	R	NK S56-D7	NK Brand	1.1	R
DK5068	Asgrow	1	R	95M50	Pioneer	1.5	R-VS (R)
RC 5007	Croplan Genetics	1	R	95Y20	Pioneer	1	R
RC 5332	Croplan Genetics	2.6	R-VS	95Y40	Pioneer	1	R
C5417R	Crow's	1	R	95Y41	Pioneer	1	R
DG 5160RR/STS	Delta Grow	1	R	Progeny 5107RR	Progeny	1	R
DG 5170RR	Delta Grow	1	R	Progeny 5108RR (E)	Progeny	1	R
DG 5280RR	Delta Grow	1	R	Progeny 5115RR	Progeny	1	R
DG 5300RR	Delta Grow	1.03	R	Progeny 5208RR (E)	Progeny	1	R
DG 5450RR	Delta Grow	1	R	Progeny 5218RR (E)	Progeny	1.2	R
DG 5470RR	Delta Grow	1	R	Progeny 5308RR (E)	Progeny	1	R
DG 5555RR	Delta Grow	3.2	R-VS (S)	Progeny 5408RR (E)	Progeny	1.1	R
DG 5570RR/sts	Delta Grow	1	R	Progeny 5622RR	Progeny	2.3	R-VS
DG 5630RR	Delta Grow	1	R	Progeny 5650RR	Progeny	1.1	R
DK 52K6	Delta King	1.3	R-VS (R)	S04-21273 (E)	Public	1	R
DK XTJ950 (E)	Delta King	1	R	S05-4678 (E)	Public	1	R
DP5335RR/S	Asgrow	1	R	TN06-116RR (E)	Public	5	VS
DP5634RR	Asgrow	1.6	R-VS (R)	538.R	Schillinger	1	R
DG 31R54	Dyna-Gro	1	R	557.RC	Schillinger	1	R
DG 32A53	Dyna-Gro	1	R	TV52R14	Terral	1.2	R-MR (R)
DG 33B52	Dyna-Gro	1	R	TV55R15	Terral	1.02	R
DG 33P54	Dyna-Gro	1.1	R	TV52R28	Terral	1.12	R
DG 33X55	Dyna-Gro	1.2	R	TV54R28	Terral	1	R
DG 34J56	Dyna-Gro	1	R	TVX52R757 (E)	Terral	1.1	R
DG 35F55	Dyna-Gro	2.2	R-VS	USG 7515nRS	USG	1	R
ES 5121	Eagle Seed	1	R	USG 7553nRS	USG	1	R
ESXVT-16RR (E)	Eagle Seed	1	R	USG 75J18	USG	1	R
ESXVT-19RR (E)	Eagle Seed	1	R	USG 75J47	USG	1	R
ESXVT-155RR (E)	Eagle Seed	1.1	R	USG 75Z38	USG	1	R
ESXVT-425RR (E)	Eagle Seed	1.7	R-VS	USG Allen	USG	1	R
HBK R5226	Hornbeck	1	R				

Table 74. 2008 Soybean Stem Canker Rating for Maturity Group V Late Roundup Ready Soybeans at the Delta Branch Experiment Station, Stoneville.

Variety	Brand	Average Rating		Variety	Brand	Average Rating	
		Numeric	Letter			Numeric	Letter
AGS 606RR	AGS	1	R	HBK R5825	Hornbeck	1	R
AV 57D7NRR	AgVenture	1	R	MorSoy RT5906N	MorSoy	1	R
AG5803	Asgrow	1	R	95Y70	Pioneer	1	R
AG5905	Asgrow	1.3	R-VS (R)	Progeny 5706RR	Progeny	1	R
DG 5970RR	Delta Grow	1	R	R04-1276RR (E)	Public	1	R
DP5915RR	Asgrow	1.2	R	TV57R16	Terral	1	R
DG 32B57	Dyna-Gro	1	R	TV59R16	Terral	1	R
DG 33C59	Dyna-Gro	1.1	R	USG 75J97	USG	1	R
DG 36T60	Dyna-Gro	1	R	USG 75Z98	USG	1	R
HBK R5727	Hornbeck	1	R	USG 7582nRR	USG	1.4	R-VS (R)

Public Varieties Entered

Arkansas Agricultural Experiment Station

Ozark
Osage
UA4805
R00-1194F (Exp.)
R01-976 (Exp.)
R04-1276RR (Exp.)

University of Missouri

Jake
Stoddard
S04-20912 (Exp.)
S04-21273 (Exp.)
S04-3924 (Exp.)
S05-4604 (Exp.)
S05-4678 (Exp.)

University of Tennessee

TN06-116RR (Exp.)
TN07-220RR (Exp.)
TN07-266RR (Exp.)

USDA Agricultural Research Service

DB01-5289 (Exp.)
DB03-1381 (Exp.)
DB03-8416 (Exp.)
DB03-10440 (Exp.)

Commercial Varieties Entered

AgSouth Genetics P.O. Box 72246 Albany, GA 31708-2246	AGS568RR AGS606RR	
AgVenture MidSouth 6933 Sunflower School Rd. Clarksdale, MS 38614	AgVenture AV 46J5 NRR AgVenture AV 46P1 RR AgVenture AV 47G3 NRR AgVenture AV 49D6 NRR AgVenture AV 49X0 AgVenture AV 49X9 NRR AgVenture AV 50D2 NRR	AgVenture AV 50X6 RR AgVenture AV 51X5 RR AgVenture AV 52P2 NRR AgVenture AV 53D3 NRR AgVenture AV 54X4 RR AgVenture AV 57D7 NRR
Cache River Valley Seed 12470 Hwy. 226 Cash, AR 72421	MorSoy RT4485N MorSoy RTS4488N (Exp.) MorSoy RTS4556N MorSoy RT4688N(Exp.) MorSoy RT4707N MorSoy RT4888N (Exp.) MorSoy RT4914N	MorSoy RTS4955N MorSoy RT5168N (Exp.) MorSoy RT5288N (Exp.) MorSoy RT5388N (Exp.) MorSoy RT5306N MorSoy RT5688N (Exp.) MorSoy RT5906N
Crow's Hybrid 1551 Hwy. 210 Huxley, IA 50124	Crow's C4119R Crow's C4517R Crow's C5417R	
Cullum Seeds LLC P.O. Box 178 Fisher, AR 72429	Armor GP-500 Armor GP-533 Armor 39-K4 Armor 42-M1 (Exp.) Armor 47-G7 Armor ARX4560 (Exp.) Armor ARX4717(Exp.)	DK 4667 DK 4968 DK 4995 DK 52K6 DK XTJ946 (Exp.) DK XTJ848 (Exp.) DK XTJ949 (Exp.) DK XTJ950 (Exp.)
Delta Grow Seed 220 NW 2nd England, AR 72046	DG 4150RR DG 4770RR DG 4780RR DG 4820RR DG 4870RR DG 4970RR DG 4975RR DG 5160RR/STS DG 5170RR	DG 5280RR DG 5300RR DG 5450RR DG 5470RR DG 5555RR DG 5570RR/STS DG 5630RR DG 5970RR
Eagle Seed Company P.O. Box 308 Weiner, AR 72479	ES 4333 ES 4661 ES 4777 ES 4818 ES 4991 ES 4906	ES 5121 ES XVT-16 (Exp.) ES XVT-19 (Exp.) ES XVT-155 (Exp.) ES XVT-425 (Exp.) ES XVT-675 (Exp.)
Hornbeck Seed Company P.O. Box 472 Dewitt, AR 72042	HBK C4926 HBK C5025 HBK C5894 HBK R3824 HBK R3927 HBK R4527 HBK R4727 HBK R4828	HBK R4924 HBK R5226 HBK RS5227 HBK R5425 HBK R5525 HBK R5727 HBK R5825
JGL, Inc. 1550 Pidco Drive Plymouth, IN 46563	EXP 460 (Exp.)	
Merschman Seeds, Inc. 103 Ave. D, P.O. Box 67 West Point, IA 52656	Houston 747RR Nashville 749RR	Norfolk 741RR Olympus 854RR
Midwest Premium Genetics, LLC 523 S. Main, P.O. Box 688 Concordia, MO 64020	MPG4406nRR MPG4705nRR MPG4808nRR MPG4907nRR/STS MPG5308nRR	MPG5407nRR MPG5505nRR/STS MPG-X-48-2nRR (Exp.) MPG-X-48-3nRR (Exp.)
Monsanto Company 800 N. Lindbergh Blvd. St. Louis, MO 63167	Asgrow AG3803 Asgrow AG3905 Asgrow AG3906 Asgrow AG4005 Asgrow AG4303 Asgrow AG4403 Asgrow AG4404 Asgrow AG4405 Asgrow AG4605 Asgrow AG4606 Asgrow AG4703	Asgrow AG5405 Asgrow AG5503 Asgrow AG5504 Asgrow AG5606 Asgrow AG5803 Asgrow AG5905 Asgrow DK4866 Asgrow DK5068 Asgrow DKB46-51 Asgrow DP4546RR Asgrow DP4888RR/S

Monsanto Company 800 N. Lindbergh Blvd. St. Louis, MO 63167	Asgrow AG4705 Asgrow AG4903 Asgrow AG4907 Asgrow AG5304	Asgrow DP5335RR/S Asgrow DP5634RR Asgrow DP5915RR
Pioneer Hi-Bred Int., Inc. 700 Blvd. South, Suite 302 Huntsville, AL 35802	Pioneer variety 94B73 Pioneer variety 94M80 Pioneer variety 94Y20 Pioneer variety 94Y60 Pioneer variety 94Y70 Pioneer variety 94Y90	Pioneer variety 95M50 Pioneer variety 95Y20 Pioneer variety 95Y40 Pioneer variety 95Y41 Pioneer variety 95Y70
Progeny Ag Products 1529 Hwy. 193 South Wynne, AR 72396	Progeny 3906RR Progeny 4206RR Progeny 4405RR Progeny 4606RR Progeny 4706RR Progeny 4807RR Progeny 4906RR Progeny 4949RR Progeny 5107RR Progeny 5115RR Progeny 5622RR Progeny 5650RR	Progeny 5706RR Progeny 4408RR (Exp.) Progeny 4508RR (Exp.) Progeny 4718RR (Exp.) Progeny 4908RR (Exp.) Progeny 4918RR (Exp.) Progeny 5108RR (Exp.) Progeny 5208RR (Exp.) Progeny 5218RR (Exp.) Progeny 5308RR (Exp.) Progeny 5408RR (Exp.)
Schillinger Seed, Inc. 4200 Corporate Drive, Ste. 106 West Des Moines, IA 50266	398.RCP 448.RCS (Exp.) 457.RC P 458.RCS (Exp.)	478.RCS 495.RC 538.R 557.RC
Stine Seed Company 22555 Larado Trail Adel, Iowa 50003	4782-4	
Syngenta/NK Seed 7500 Olsen Mem. Hwy. Golden Valley, MN 55427	NK S43-N6 Brand NK S44-D5 Brand NK S46-U6 Brand	NK S49-W6 Brand NK S52-F2 Brand NK S56-D7
Terral Seed Company P.O. Box 826 Lake Providence, LA 71254	TV44R27 TV45R18 (was TVX45R118) TV46R15 TV46R19 TV47R17 TV47R18 (was TVX48R018) TV48R14 TV49R17 TV49R19	TV49R27 TV52R14 TVX52R757 (Exp.) TV52R28 (was TVX52R028) TV54R28 (was TVX54R018) TV55R15 TV57R16 TV59R16
UniSouth Genetics, Inc. 2640-C Nolensville Rd. Nashville, TN 37211	USG Allen USG 5002T USG 74A27 USG 74A45 USG 74H48 USG 74E68 USG 74F78 USG 74A88 USG 74A91 USG 74F96	USG 7495nRR USG 75J18 USG 77515nRS USG 75Z38 USG 75J47 USG 7553nRS USG 7582nRR USG 75J97 USG 75Z98
United Agri Products, Inc. 7521 W. 4th St. Greeley, CO 80634	Dyna-Gro 31J39 Dyna-Gro 31R54 Dyna-Gro 32A53 Dyna-Gro 32B57 Dyna-Gro 32P48 Dyna-Gro 32R46 Dyna-Gro 33B52 Dyna-Gro 33C59 Dyna-Gro 33P54 Dyna-Gro 33X55	Dyna-Gro 33Y45 Dyna-Gro 34J56 Dyna-Gro 35F55 Dyna-Gro 36C44 Dyna-Gro 36T60 Dyna-Gro 36Y48 Dyna-Gro 37A44 Dyna-Gro 37F46 Dyna-Gro 37P49
Winfield Solutions/ Croplan Genetics 1409 Deering St. Cleveland, MS 38732	Croplan Genetics RC 4417RR Croplan Genetics RC 4455RR Croplan Genetics RC 4757RR	Croplan Genetics RC 4877RR Croplan Genetics RC 5007RR Croplan Genetics RC 5332RR

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