

December 2021

MISSOURI CROP  
PERFORMANCE

# 2021

## *soybean*



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**MU Variety Testing Program**

COLLEGE OF AGRICULTURE, FOOD and NATURAL RESOURCES, UNIVERSITY of MISSOURI

# 2021 MISSOURI SOYBEAN TEST

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## PREFACE

Our motto is “We test the best” and that is exactly what we do. Each year, the best seed companies and organizations select several of their best varieties for evaluation by the MU Variety Testing Program. We use the latest scientific principles and procedures to provide farmers and others with an interest in soybean variety performance with accurate and unbiased information.

We respect the seed companies and organizations that put their varieties to the test. We are honored that they entrust us with their valuable products. It takes courage to allow their varieties to be compared with all of the others. Not every company participates in our program for various reasons. Those companies that do participate deserve your consideration when purchasing seed for the next growing season. Thank them for their courage and tell them you saw their variety in our program.

The MU Variety Testing Program has provided Missouri farmers with unbiased variety comparisons for more than 75 years, first with corn, then soybean and wheat. We have a young and ambitious staff with excellent experience with testing crop yield performance. Our plots are placed where you farm. They have the soils and weather conditions your fields have. The MU Variety Testing Program is on-farm research in the truest sense of the word. Most of our locations are on farmer fields in your communities. Several locations are MU farms. These CAFNR owned and operated research centers sample the north, central and southeast regions of Missouri and combined with the private farm locations provide you with the diversity of environments you need to select the best varieties for your farm. View the map in our procedures section to see the placement of our locations and the cooperators that are so important to the quality of our information.

Evaluating yield and making decisions based on that evaluation are difficult because yield is highly affected by environment — even the small differences that exist across a field. We use replication, plot size, and plot placement to minimize the “noise.” Please read the procedures section of this book to better understand what we do and the tools we provide you to make variety selection decisions. Our data tables are arranged to help you quickly see how varieties compare. We strongly suggest that you use information from more than one location. Our tables of “region means” provide you comparisons across multiple locations. Although yield is extremely important, please see our variety characteristics table located near the back of the book to view additional information that you might find helpful during variety selection.

Thank you for your interest and support. Please support the companies that participate in our program. If you have suggestions on how we can improve our program, please contact me directly ([wieboldw@missouri.edu](mailto:wieboldw@missouri.edu)). The MU Variety Testing Program exists to serve your needs. We want to provide you with the best information possible.



William “Bill” Wiebold

# PROCEDURES

## Regions and locations

The MU Variety Testing Program divides the soybean growing area of Missouri into four regions: North, Central, Southeast, and Southwest. Each region contains four or five locations. The same varieties are tested in all locations of a test within a region. Locations for soybean tests are as follows:

### North Region

Albany (1), Canton (2), Rock Port (3),  
Mooresville (4), Novelty (5)

### Central Region

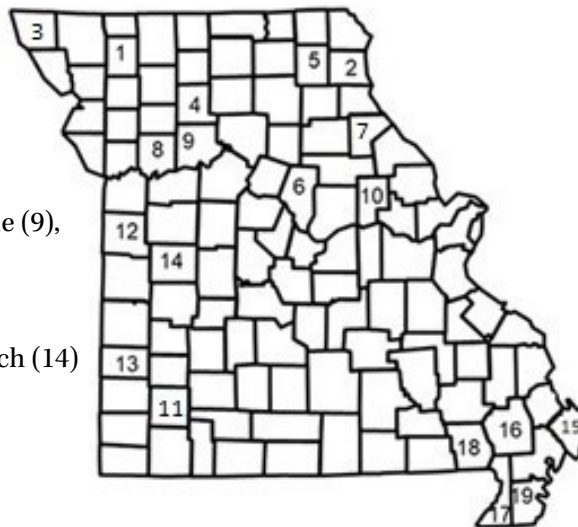
Columbia (6), Vandalia (7), Henrietta (8),  
Norborne (9), Truxton (10)

### Southwest Region

Mt. Vernon (11), Garden City (12), Lamar (13),  
Urich (14)

### Southeast Region

Charleston (15), Dexter (16), Campbell (17),  
Fisk (18), Portageville (19)



The MU Variety Testing Program depends upon and is highly appreciative of the cooperators that allow it to use their farms. Thank you: Beetsma Farms, Larry and Robert and Carl Compton, Bill Cook, Roy Cope, Don Deline, Kyle and David Durham, Nathan Goldschmidt, Nathan and Kurt Gretzinger, Tim and Brian Kurz, Bill Lloyd and Dan McCuthan, Aaron Porter, John Williams, Missouri Rice Research and Merchandising Council, and the Missouri Agriculture Experiment Station.

## Entries

All seed companies were eligible to enter varieties into the soybean test. Participation was voluntary and the MU Variety Testing Program exercised no control over which, or how many, varieties were entered. The MU Variety Testing Program receives no Missouri tax dollars, so a fee was collected for each entry to fund the program.

## Field plot design and plot management

Varieties were randomly arranged in the field according to a lattice design with three replications. Row spacing for all locations was 30 inches and seeding rate was 160,000 seeds/acre. Plots were two rows wide (5 feet) and 27 feet long. All rows of each plot were harvested to determine yield. Plots were planted and harvested with commercial equipment modified for small plot work. Fertilizer was applied at each location at the discretion of the farmer or the station manager. Weed control was achieved with pre-plant herbicides and various conventional post-emergence herbicides. Additional hand weeding was done as required. Management details varied among locations and are specified in the crop management table.

## Data recorded

Lodging and height were determined immediately before harvest. A scale of 1 to 5 was used to score lodging, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% plants down, 5 = more than 80% plants down. During harvest, plot grain weights were measured and an electronic moisture tester was used to determine the moisture content of the grain. Yields were corrected to a moisture content of 13% and expressed as bushels/acre. The MU Variety Testing program attempted to locate sites in fields of low to moderate levels of SCN.

## Procedures (continued)

### Comparing varieties

The performance of a variety cannot be measured with absolute precision. Uncontrolled variability is involved in the determination of each plot's yield. This variability exists in all field experiments and in farmer fields. Statistics are used to account for this variability and to assist farmers in selecting superior varieties. The statistical tool used by the MU Variety Testing Program is called "least significant difference" (LSD). The LSD is simple to use. When two varieties are compared and the difference between them is greater than the LSD, the entries are considered to be significantly different. Differences between two varieties that are smaller than the LSD may have occurred by chance and are considered to be not significant. In other words, the two varieties might have the same yield, grain moisture or other characteristics of interest. The LSD can be found at the bottom of each table.

The MU Variety Testing Program arranges varieties within each table from highest yield to lowest yield. The "top yielding" variety in each test is identified by a double asterisk (\*\*) placed next to its yield. Varieties that did not yield significantly less than the highest yielding variety in the test are denoted in the tables by a single asterisk (\*). Thus, by reading down the yield column, readers can readily identify the highest yielding varieties at a location.

Variety performance may seem inconsistent from location to location and from year to year. These differences are caused by differences among environments for rainfall, temperatures, soil fertility, diseases, insects, and many other factors. To obtain an improved estimate of relative variety performance, readers should consider results from more than one environment (locations and/or years). The vast majority of varieties are entered into our tests for only one year, so comparing varieties across multiple locations becomes even more important. The MU Variety Testing Program facilitates variety comparisons across locations by publishing Region Means. Region Means tables contain yield data from all individual locations in the region with yields averaged across the locations. The variety with the highest average yield and varieties that do not differ for yield from that variety are designated with double (\*\*) and single (\*) asterisks.

Although yield usually receives first consideration, other agronomic characteristics may be equally important when selecting a soybean variety. Standability, maturity, herbicide tolerance and disease resistance are among the characteristics that deserve careful consideration. We provide a table that contains several important characteristics of varieties entered into the MU Variety Testing Program. This information was provided by seed companies. Please contact seed company representatives for the latest information. Seed entered into the MU Variety Testing Program is usually treated with one or more seed treatments. These seed treatments are identified in the table listing the variety characteristics.

### Accessibility of data

Results of the crop performance tests are available online at [varietytesting.missouri.edu](http://varietytesting.missouri.edu) and in print format. If you need help accessing the website or would like to receive a printed copy, please call 573-882-2307.

### Authors

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## **CROP MANAGEMENT AT TEST LOCATIONS**

### **Albany**

Region/Maturity groups: North/3 & 4  
Cooperator: Missouri Ag Experiment Station  
Tillage: Minimum tillage  
Planting date: June 9  
Harvest date: Nov. 9  
Herbicides: Fierce XLT, Roundup, Liberty, Warrant,  
Basagran, Blazer, Select Max

### **Campbell**

Region/Maturity groups: Southeast 4 & 5  
Cooperator: Missouri Rice Research and  
Merchandising Council  
Tillage: Conventional tillage  
Planting date: May 15  
Harvest date: Oct. 13  
Herbicides: Prefix, Dakota  
Insecticide: Besiege  
Fungicide: Revytek

### **Canton**

Region/Maturity groups: North/3 & 4  
Cooperator: Bill Lloyd and Dan McCuthan  
Tillage: Conventional tillage  
Planting date: June 3  
Harvest date: Nov. 8  
Herbicides: Fierce XLT, Roundup, Liberty, Ultra  
Blazer, Basagran, Select Max, Warrant

### **Charleston**

Region/Maturity groups: Southeast/4 & 5  
Cooperator: Don Deline  
Tillage: No-tillage  
Planting date: May 15  
Harvest date: Nov. 4  
Herbicides: Fierce XLT, Roundup, Liberty, Ultra  
Blazer, Basagran, Select Max

### **Columbia**

Region/Maturity groups: Central/3 & 4  
Cooperator Missouri Ag Experiment Station  
Tillage: No-tillage  
Planting date: May 3  
Harvest date: Nov. 5  
Herbicides: Fierce XLT, Roundup, Liberty, Ultra  
Blazer, Basagran, Select Max, Warrant

### **Dexter**

Region/Maturity groups: Southeast/4 & 5  
Cooperator: Aaron Porter  
Tillage: Conventional tillage  
Planting date: May 13  
Harvest date: Oct. 12  
Herbicides: Fierce XLT, Roundup, Liberty, Select  
Max, Basagran, Blazer

### **Fisk**

Region/Maturity groups: Southeast/4 & 5  
Cooperator: Nathan Goldschmidt  
Tillage: Conventional tillage  
Planting date: May 12  
Harvest date: Oct. 14  
Herbicides: Parazone, Zidua SC, Dakota, Outlook,  
Prefix, Clethodim  
Insecticide: Besiege

### **Garden City**

Region/Maturity groups: Southwest/4  
Cooperator: Bill Cook  
Tillage: Conventional tillage  
Planting date: June 6  
Harvest date: Oct. 20  
Herbicides: Fierce XLT, Roundup, Liberty, Warrant,  
Ultra Blazer, Select Max, Basagran

### **Henrietta**

Region/Maturity groups: Central/3 & 4  
Cooperator: John Williams  
Tillage: Conventional tillage  
Planting date: June 8  
Harvest date: Oct. 26  
Herbicides: Prefix, Warrant, Ultra Blazer, Select  
Max, Basagran

### **Lamar**

Region/Maturity groups: Southwest/4  
Cooperator: Larry, Robert, and Carl Compton  
Tillage: No-tillage  
Planting date: June 7  
Harvest date: Oct. 19  
Herbicides: Fierce XLT, Roundup, Liberty, Ultra  
Blazer, Basagran, Select Max, Warrant

## Crop Management at Test Locations (continued)

### Mooreville

Region/Maturity groups: North/3 & 4  
Cooperator: Beetsma Farms  
Tillage: Conventional Tillage  
Planting date: June 9  
Harvest date: Nov. 8  
Herbicides: Authority Supreme, Warrant, Ultra Blazer, Select Max, Basagran

### Mt. Vernon

Region/Maturity groups: Southwest/4  
Cooperator: Missouri Ag Experiment Station  
Tillage: No tillage  
Planting date: June 10  
Harvest date: Oct. 19  
Herbicides: Dual II Magnum, Roundup, Liberty, Warrant, Ultra Blazer, Select Max, Basagran

### Norborne

Region/Maturity Groups: North/3 & 4  
Cooperator: Kyle Durham  
Tillage: Conventional tillage  
Planting date: June 8  
Harvest date: Oct. 26  
Herbicides: Fierce XLT, Roundup, Liberty, Warrant, Ultra Blazer, Select Max, Basagran

### Novelty

Region/Maturity Groups: North/3 & 4  
Cooperator: Missouri Ag Experiment Station  
Tillage: Minimum tillage  
Planting date: June 8  
Harvest date: Nov. 9  
Herbicides: Verdict, Roundup, Warrant, Ultra Blazer, Select Max, Basagran

### Portageville

Region/Maturity groups: Southeast/4 & 5  
Cooperator: Missouri Ag Experiment Station  
Tillage: Conventional tillage  
Planting date: May 14  
Harvest date: Oct. 13  
Herbicides: Fierce XLT, Ultra Blazer, Select Max, Basagran

### Rock Port

Region/Maturity groups: North/3 & 4  
Cooperator: Missouri Ag Experiment Station  
Tillage: No tillage  
Planting date: June 8  
Harvest date: Nov. 10  
Herbicides: Prefix, Roundup, Warrant, Ultra Blazer, Select Max, Basagran

### Truxton

Region/Maturity groups: Central/3 & 4  
Cooperator: Roy Cope  
Tillage: Minimum tillage  
Planting date: May 25  
Harvest date: Oct. 1  
Herbicides: Fierce XLT, Roundup, Liberty, Warrant, Ultra Blazer, Select Max, Basagran

### Urich

Region/Maturity groups: Southwest/4  
Cooperator: Nathan and Kurt Gretzinger  
Tillage: No-tillage  
Planting date: June 6  
Harvest date: Oct. 22  
Herbicides: Fierce XLT, Roundup, Liberty, Warrant, Ultra Blazer, Select Max, Basagran

### Vandalia

Region/Maturity groups: Central/3&4  
Cooperator: Tim Kurz  
Tillage: Conventional tillage  
Planting date: June 3  
Harvest date: Oct. 27  
Herbicides: Fierce XLT, Warrant, Ultra Blazer, Select Max, Basagran



## SOIL AND WEATHER INFORMATION FOR TEST LOCATIONS

Location	Soil type	Precipitation (inches)					Season
		May	June	July	Aug.	Sept.	
Albany	Grundy silt loam	3.8	4.6	3.2	2.6	0.3	14.5
Campbell	Overcup silt loam	3.7	4.2	2.6	2.4	4.0	16.9
Canton	Westerville silt loam	3.1	5.7	4.5	3.1	1.2	17.6
Charleston	Lilbourn fine sandy loam	4.5	4.3	6.6	3.5	2.3	21.2
Columbia	Mexico silt loam	4.6	11.8	3.7	1.4	1.9	23.4
Dexter	Farrenburg fine sandy loam	3.7	3.3	3.9	5.2	2.4	18.5
Fisk	Calhoun silt loam	3.3	3.8	4.8	7.1	3.2	22.2
Garden City	Haig silt loam	7.8	8.3	1.6	6.7	2.1	26.5
Henrietta	Haynie silt loam	5.8	12.0	1.9	3.3	2.8	25.8
Lamar	Parsons silt loam	5.3	7.4	4.0	1.8	1.3	19.8
Mooreville	Grundy silt loam	3.5	9.7	3.9	3.6	1.1	21.8
Mt. Vernon	Creldon silt loam	7.5	4.1	2.4	1.4	1.4	16.8
Norborne	Norborne loam	6.6	10.6	1.6	3.7	2.0	24.5
Novelty	Putnam silt loam	3.7	7.2	7.7	2.3	1.5	22.4
Portageville	Tiptonville silt loam	4.4	8.9	3.8	2.5	1.3	20.9
Rock Port	Salix silty clay loam	4.3	8.5	2.6	4.7	1.1	21.2
Truxton	Mexico silt loam	3.0	9.5	4.2	1.6	2.2	20.5
Urich	Hartwell slit loam	8.7	9.0	5.3	5.0	2.9	30.9
Vandalia	Mexico silt loam	4.4	8.9	3.3	2.5	1.3	20.4



## NORTH REGION

### Albany — Maturity Group 3

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
AgVenture 39V5LL	66.4**	3.9	1	29
Stine 36EB32	66.1*	3.6	1	31
NK Seeds NK37-V4E3S	64.6*	3.7	1	40
FS InVISION 39E10	63.5	3.9	1	27
APEX AE3610	62.5	3.6	1	33
Golden Harvest GH3762E3	62.1	3.7	1	35
Willcross Seed WX1839NLL	62.0	3.9	1	30
AgVenture 39V7E	61.8	3.9	1	33
Golden Harvest GH3902E3	61.6	3.9	1	36
APEX AE3900	61.6	3.9	1	28
APEX AE3920	61.5	3.9	1	25
APEX AE3420	61.4	3.4	1	30
Nutech 39N04E	61.3	3.9	1	31
Nutech 35N03E	61.3	3.5	1	35
Brevant B389EE	61.3	3.8	1	30
Pioneer P35T15E	61.0	3.5	1	29
Nutech 37N01E	60.8	3.7	1	29
NK Seeds NK39-T5E3S	60.3	3.9	1	37
AgVenture 38V3E	60.1	3.8	1	31
Nutech 39N05E	60.0	3.9	1	29
MCIA Momentum 36C09	59.8	3.6	1	37
FS InVISION 38F10	59.7	3.8	1	33
NK Seeds S39-E3	59.3	3.9	1	31
FS InVISION 38E90	59.0	3.8	1	30
Stine 39EA02	58.9	3.9	1	33
DONMARIO DM37C62S	58.9	3.7	1	35
APEX AE3220	58.7	3.2	1	32
DONMARIO DM3756E	58.6	3.7	1	31
NK Seeds NK39-A1XF	58.5	3.9	1	35
Asgrow AG36XF1	58.5	3.6	1	27
Stine 36EA02	58.4	3.6	1	33
APEX AE3500	58.0	3.5	1	31
FS InVISION 39F10	57.8	3.9	1	32
DONMARIO DM37F51	57.2	3.7	1	27
Golden Harvest GH3952XF	57.1	3.9	1	29
DONMARIO DM3932E	56.3	3.9	1	30
Willcross Seed WX1038NTLL	56.2	3.8	1	34
AgVenture 39V8E	56.1	3.9	1	28
Willcross Seed WXE8038NS	55.3	3.8	1	30
DONMARIO DM39F62	54.3	3.9	1	40
Stine 37EC20	50.3	3.7	1	32

## Albany — Maturity Group 3 North Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
<b>Mean</b>	<b>59.8</b>		<b>1</b>	<b>32</b>
<b>LSD (10%)</b>	<b>2.3</b>			
<b>CV (%)</b>	<b>3.6</b>			

\*\* Highest yielding variety in test

\* Yield not significantly less than the highest yielding variety in the test

+ MG provided by seed company

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

## NORTH REGION

### Canton — Maturity Group 3

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
AgVenture 38V3E	75.8*	3.8	1	34
Asgrow AG36XF1	75.5*	3.6	2	40
DONMARIO DM37F51	74.5*	3.7	1	42
APEX AE3920	74.4*	3.9	1	36
NK Seeds NK37-V4E3S	74.3*	3.7	2	42
FS InVISION 39E10	73.5*	3.9	1	37
FS InVISION 38F10	73.4*	3.8	1	36
FS InVISION 38E90	72.5*	3.8	1	34
Golden Harvest GH3762E3	72.2*	3.7	3	43
Golden Harvest GH3902E3	71.4*	3.9	3	42
APEX AE3900	70.2	3.9	1	38
AgVenture 39V8E	70.2	3.9	1	34
Nutech 39N04E	69.4	3.9	1	37
APEX AE3610	69.4	3.6	2	32
Willcross Seed WXE8038NS	68.4	3.8	1	38
Willcross Seed WX1839NLL	68.3	3.9	1	38
DONMARIO DM37C62S	68.2	3.7	1	41
NK Seeds S39-E3	67.8	3.9	1	36
Stine 39EA02	67.7	3.9	1	36
Golden Harvest GH3952XF	67.4	3.9	2	37
Nutech 37N01E	67.4	3.7	1	34
FS InVISION 39F10	67.3	3.9	1	32
Pioneer P35T15E	65.4	3.5	2	37
Nutech 39N05E	64.3	3.9	1	30
Stine 37EC20	63.9	3.7	3	36
AgVenture 39V5LL	63.5	3.9	1	38
NK Seeds NK39-A1XF	63.5	3.9	0	40
Nutech 35N03E	62.8	3.5	1	36
NK Seeds NK39-T5E3S	62.5	3.9	3	41
Stine 36EA02	61.3	3.6	2	38
DONMARIO DM3932E	61.2	3.9	1	35
DONMARIO DM3756E	61.1	3.7	1	28
APEX AE3500	60.7	3.5	1	31
Stine 36EB32	59.6	3.6	2	36
APEX AE3220	59.0	3.2	3	37
DONMARIO DM39F62	58.3	3.9	3	48
Brevant B389EE	57.9	3.8	1	35
MCIA Momentum 36C09	57.5	3.6	3	39
APEX AE3420	57.0	3.4	2	39
Willcross Seed WX1038NTLL	55.8	3.8	3	42
AgVenture 39V7E	52.5	3.9	2	39

## Canton — Maturity Group 3 North Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
<b>Mean</b>	<b>66.4</b>		<b>2</b>	<b>37</b>
<b>LSD (10%)</b>	<b>4.8</b>			
<b>CV (%)</b>	<b>6.9</b>			

\*\* Highest yielding variety in test

\* Yield not significantly less than the highest yielding variety in the test

+ MG provided by seed company

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

## NORTH REGION

### Mooreville — Maturity Group 3

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
APEX AE3900	62.4**	3.9	1	31
FS InVISION 38E90	61.5*	3.8	1	31
FS InVISION 39F10	61.3*	3.9	1	33
APEX AE3920	61.3*	3.9	1	29
Nutech 39N05E	60.3*	3.9	1	32
Pioneer P35T15E	60.2*	3.5	1	28
APEX AE3610	60.1*	3.6	1	30
AgVenture 39V5LL	59.7*	3.9	1	35
Stine 36EB32	59.4*	3.6	1	30
Nutech 35N03E	59.2	3.5	1	32
FS InVISION 39E10	58.7	3.9	1	28
Stine 37EC20	58.6	3.7	1	30
APEX AE3220	58.5	3.2	1	32
Stine 39EA02	58.4	3.9	1	30
Asgrow AG36XF1	58.1	3.6	1	32
Nutech 37N01E	58.0	3.7	4	30
APEX AE3420	58.0	3.4	1	29
DONMARIO DM37F51	57.9	3.7	1	32
NK Seeds NK37-V4E3S	56.6	3.7	1	36
Willcross Seed WX1038NTLL	56.5	3.8	1	31
NK Seeds NK39-T5E3S	56.4	3.9	1	36
Willcross Seed WXE8038NS	56.2	3.8	1	32
Nutech 39N04E	56.2	3.9	1	29
AgVenture 39V8E	56.1	3.9	1	27
DONMARIO DM37C62S	55.7	3.7	1	35
APEX AE3500	55.6	3.5	1	28
AgVenture 39V7E	55.4	3.9	1	33
AgVenture 38V3E	55.2	3.8	1	29
DONMARIO DM3756E	54.4	3.7	1	30
Stine 36EA02	54.2	3.6	1	28
Golden Harvest GH3762E3	54.0	3.7	1	35
NK Seeds S39-E3	54.0	3.9	1	31
DONMARIO DM3932E	53.6	3.9	1	30
MCIA Momentum 36C09	53.5	3.6	1	34
Golden Harvest GH3952XF	53.3	3.9	1	31
Brevant B389EE	52.5	3.8	1	30
DONMARIO DM39F62	52.0	3.9	1	37
Willcross Seed WX1839NLL	51.4	3.9	1	30
Golden Harvest GH3902E3	49.4	3.9	1	37
FS InVISION 38F10	48.9	3.8	1	31
NK Seeds NK39-A1XF	47.6	3.9	1	30

## Mooreville — Maturity Group 3 North Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
<b>Mean</b>	<b>56.3</b>		<b>1</b>	<b>31</b>
<b>LSD (10%)</b>	<b>3.0</b>			
<b>CV (%)</b>	<b>5.0</b>			

\*\* Highest yielding variety in test

\* Yield not significantly less than the highest yielding variety in the test

+ MG provided by seed company

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

## NORTH REGION

### Novelty — Maturity Group 3

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
Nutech 35N03E	59.4**	3.5	1	24
Nutech 39N05E	59.0*	3.9	1	24
Willcross Seed WX1839NLL	58.9*	3.9	1	28
FS InVISION 38F10	58.7*	3.8	1	24
NK Seeds NK39-A1XF	58.0*	3.9	1	25
Asgrow AG36XF1	57.0*	3.6	1	24
APEX AE3420	56.6*	3.4	1	22
APEX AE3610	56.4	3.6	1	23
FS InVISION 38E90	56.4	3.8	1	24
APEX AE3900	55.6	3.9	1	22
AgVenture 39V8E	55.3	3.9	1	22
NK Seeds S39-E3	55.2	3.9	1	24
NK Seeds NK37-V4E3S	54.7	3.7	1	26
DONMARIO DM3756E	54.6	3.7	1	23
Brevant B389EE	54.1	3.8	1	23
FS InVISION 39E10	53.9	3.9	1	23
DONMARIO DM39F62	53.7	3.9	1	39
Pioneer P35T15E	53.5	3.5	1	24
AgVenture 39V5LL	52.8	3.9	1	25
DONMARIO DM3932E	52.6	3.9	1	21
Golden Harvest GH3902E3	52.6	3.9	1	29
FS InVISION 39F10	52.5	3.9	1	26
Golden Harvest GH3762E3	52.5	3.7	1	23
NK Seeds NK39-T5E3S	52.2	3.9	1	28
DONMARIO DM37C62S	51.9	3.7	1	24
Golden Harvest GH3952XF	51.5	3.9	1	20
Stine 37EC20	51.1	3.7	1	21
APEX AE3920	50.9	3.9	1	22
Stine 36EB32	50.6	3.6	1	22
Willcross Seed WXE8038NS	50.3	3.8	1	24
APEX AE3500	50.2	3.5	1	24
AgVenture 38V3E	49.5	3.8	1	23
MCIA Momentum 36C09	49.2	3.6	1	24
AgVenture 39V7E	48.4	3.9	1	21
Nutech 37N01E	46.9	3.7	1	24
DONMARIO DM37F51	46.8	3.7	1	23
Stine 39EA02	46.8	3.9	1	20
Willcross Seed WX1038NTLL	46.5	3.8	1	25
Nutech 39N04E	44.6	3.9	1	19
APEX AE3220	44.3	3.2	1	23
Stine 36EA02	41.6	3.6	1	24



## Novelty — Maturity Group 3 North Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
<b>Mean</b>	<b>52.5</b>		<b>1</b>	<b>24</b>
<b>LSD (10%)</b>	<b>2.8</b>			
<b>CV (%)</b>	<b>5.0</b>			

\*\* Highest yielding variety in test

\* Yield not significantly less than the highest yielding variety in the test

+ MG provided by seed company

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

## NORTH REGION

### Rock Port — Maturity Group 3

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
AgVenture 38V3E	90.4**	3.8	1	36
DONMARIO DM37F51	88.1*	3.7	1	43
APEX AE3900	87.8*	3.9	1	38
FS InVISION 38E90	86.8*	3.8	2	37
Stine 36EA02	85.3	3.6	1	37
AgVenture 39V8E	84.9	3.9	1	37
Willcross Seed WX1839NLL	84.9	3.9	1	40
Asgrow AG36XF1	84.1	3.6	2	38
NK Seeds NK39-T5E3S	83.6	3.9	2	38
DONMARIO DM37C62S	83.0	3.7	3	36
FS InVISION 39E10	82.8	3.9	3	37
MCIA Momentum 36C09	82.7	3.6	2	40
APEX AE3920	82.7	3.9	2	38
Nutech 39N05E	82.5	3.9	1	40
NK Seeds NK37-V4E3S	82.3	3.7	1	41
Stine 39EA02	81.9	3.9	1	33
FS InVISION 39F10	81.5	3.9	1	40
APEX AE3420	80.5	3.4	2	31
FS InVISION 38F10	80.4	3.8	1	39
DONMARIO DM39F62	79.9	3.9	1	47
AgVenture 39V5LL	79.8	3.9	1	42
NK Seeds NK39-A1XF	79.8	3.9	1	38
Golden Harvest GH3952XF	79.1	3.9	1	35
Nutech 39N04E	78.2	3.9	1	36
Nutech 37N01E	78.0	3.7	1	36
APEX AE3220	77.7	3.2	2	36
AgVenture 39V7E	77.6	3.9	1	38
Pioneer P35T15E	77.4	3.5	2	36
DONMARIO DM3932E	76.8	3.9	1	40
Golden Harvest GH3762E3	76.3	3.7	2	41
NK Seeds S39-E3	76.2	3.9	1	35
DONMARIO DM3756E	75.9	3.7	1	35
Stine 37EC20	75.8	3.7	1	36
Nutech 35N03E	75.4	3.5	1	37
Willcross Seed WX1038NTLL	74.0	3.8	2	42
Willcross Seed WXE8038NS	73.8	3.8	2	36
Brevant B389EE	72.8	3.8	1	35
APEX AE3610	71.7	3.6	1	34
APEX AE3500	68.5	3.5	2	37
Golden Harvest GH3902E3	68.3	3.9	3	41
Stine 36EB32	67.3	3.6	2	36

## Rock Port — Maturity Group 3 North Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
<b>Mean</b>	<b>79.5</b>		<b>1</b>	<b>38</b>
<b>LSD (10%)</b>	<b>3.8</b>			
<b>CV (%)</b>	<b>4.5</b>			

\*\* Highest yielding variety in test

\* Yield not significantly less than the highest yielding variety in the test

+ MG provided by seed company

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## NORTH REGION

### Albany — Maturity Group 4

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
AgVenture 43V6E	68.4**	4.3	1	34
APEX AE4120	68.0*	4.1	1	32
Stine 40EB22	67.1*	4.0	1	32
FS InVISION 43E00	66.9*	4.3	1	34
FS InVISION 44F10	66.0*	4.4	1	37
APEX AE4310	65.3*	4.3	1	32
Pioneer P48A60X	64.6	4.8	1	37
Pioneer P42A96X	64.1	4.2	1	35
FS InVISION 40F10	62.7	4.0	1	36
Stine 41EB32	62.0	4.1	1	32
Brevant B400EE	61.7	4.0	1	30
Asgrow AG45XF0	61.6	4.5	1	36
Nutech 43N04E	61.5	4.3	1	33
Stine 43EB20	61.4	4.3	1	32
AgVenture 43V8LL	60.7	4.3	1	37
Asgrow AG40XF0	60.1	4.0	1	32
FS InVISION 45E00	59.5	4.5	1	30
FS InVISION 42E10	59.4	4.2	1	29
AgVenture 40V7E	58.2	4.0	1	32
APEX AE4510	57.6	4.5	1	29
Asgrow AG46XF0	57.3	4.6	1	36
DONMARIO DM40E62	56.4	4.0	1	28
Willcross Seed WXE8043NS	55.9	4.3	1	30
<b>Mean</b>	<b>61.9</b>		<b>1</b>	<b>33</b>
<b>LSD (10%)</b>	<b>3.1</b>			
<b>CV (%)</b>	<b>4.7</b>			

\*\* Highest yielding variety in test

\* Yield not significantly less than the highest yielding variety in the test

+ MG provided by seed company

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

## NORTH REGION

### Canton — Maturity Group 4

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
Asgrow AG46XF0	72.5**	4.6	1	44
AgVenture 43V6E	72.2*	4.3	1	38
Brevant B400EE	70.9*	4.0	1	37
FS InVISION 40F10	70.7*	4.0	2	40
APEX AE4120	70.2*	4.1	2	41
AgVenture 43V8LL	69.4*	4.3	1	47
Stine 41EB32	69.0*	4.1	1	38
FS InVISION 45E00	68.7	4.5	1	42
APEX AE4510	68.0	4.5	1	36
Nutech 43N04E	66.1	4.3	1	43
Pioneer P48A60X	66.1	4.8	1	30
Willcross Seed WXE8043NS	64.3	4.3	1	38
FS InVISION 44F10	63.5	4.4	2	43
Pioneer P42A96X	63.3	4.2	1	36
AgVenture 40V7E	62.8	4.0	1	42
FS InVISION 43E00	61.8	4.3	2	40
Asgrow AG45XF0	61.3	4.5	3	43
FS InVISION 42E10	60.5	4.2	1	42
APEX AE4310	60.0	4.3	2	40
DONMARIO DM40E62	59.9	4.0	1	37
Stine 40EB22	59.1	4.0	2	42
Stine 43EB20	58.5	4.3	1	37
Asgrow AG40XF0	58.0	4.0	1	38
<b>Mean</b>	<b>65.0</b>		<b>1</b>	<b>40</b>
<b>LSD (10%)</b>	<b>3.6</b>			
<b>CV (%)</b>	<b>5.2</b>			

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\* Yield not significantly less than the highest yielding variety in the test

+ MG provided by seed company

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

## NORTH REGION

### Mooreville — Maturity Group 4

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
AgVenture 43V6E	67.1*	4.3	1	33
AgVenture 43V8LL	66.7*	4.3	1	37
Pioneer P48A60X	66.5*	4.8	1	37
Stine 40EB22	66.2*	4.0	1	32
FS InVISION 43E00	66.0*	4.3	1	34
Nutech 43N04E	65.3*	4.3	1	30
Pioneer P42A96X	64.5	4.2	1	36
FS InVISION 44F10	64.0	4.4	1	38
APEX AE4120	63.0	4.1	1	37
APEX AE4310	62.7	4.3	1	31
APEX AE4510	62.1	4.5	1	30
FS InVISION 45E00	62.0	4.5	1	32
FS InVISION 42E10	60.9	4.2	1	33
Stine 43EB20	60.9	4.3	1	30
Stine 41EB32	60.0	4.1	1	29
Asgrow AG46XF0	59.6	4.6	1	33
FS InVISION 40F10	59.0	4.0	1	36
Asgrow AG45XF0	58.9	4.5	1	34
AgVenture 40V7E	58.8	4.0	1	32
DONMARIO DM40E62	57.9	4.0	1	35
Asgrow AG40XF0	57.8	4.0	1	29
Brevant B400EE	57.1	4.0	1	29
Willcross Seed WXE8043NS	53.4	4.3	1	27
<b>Mean</b>	<b>61.8</b>		<b>1</b>	<b>33</b>
<b>LSD (10%)</b>	<b>2.2</b>			
<b>CV (%)</b>	<b>3.3</b>			

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+ MG provided by seed company

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## NORTH REGION

### Novelty — Maturity Group 4

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
FS InVISION 44F10	67.0**	4.4	1	30
Nutech 43N04E	65.1*	4.3	1	24
Asgrow AG46XF0	63.8*	4.6	1	26
APEX AE4510	62.9	4.5	1	18
FS InVISION 45E00	62.6	4.5	1	21
Pioneer P48A60X	62.3	4.8	1	24
Asgrow AG45XF0	61.2	4.5	1	24
AgVenture 40V7E	59.8	4.0	1	22
AgVenture 43V8LL	59.4	4.3	1	24
APEX AE4310	58.6	4.3	1	24
AgVenture 43V6E	57.5	4.3	1	26
FS InVISION 43E00	57.3	4.3	1	25
Stine 40EB22	57.0	4.0	1	25
Asgrow AG40XF0	56.0	4.0	1	24
Stine 43EB20	54.9	4.3	1	25
Pioneer P42A96X	54.2	4.2	1	23
Brevant B400EE	53.8	4.0	1	22
Willcross Seed WXE8043NS	52.2	4.3	1	22
DONMARIO DM40E62	51.3	4.0	1	18
FS InVISION 40F10	50.4	4.0	1	26
Stine 41EB32	50.1	4.1	1	20
APEX AE4120	49.5	4.1	1	16
FS InVISION 42E10	45.5	4.2	1	22
<b>Mean</b>	<b>57.1</b>		<b>1</b>	<b>23</b>
<b>LSD (10%)</b>	<b>3.9</b>			
<b>CV (%)</b>	<b>6.4</b>			

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\* Yield not significantly less than the highest yielding variety in the test

+ MG provided by seed company

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.



## NORTH REGION

### Rock Port — Maturity Group 4

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
APEX AE4120	90.6**	4.1	2	43
AgVenture 43V8LL	88.6*	4.3	1	46
Pioneer P48A60X	87.7*	4.8	1	47
Nutech 43N04E	87.5*	4.3	2	41
Pioneer P42A96X	86.5	4.2	1	41
Brevant B400EE	83.9	4.0	1	37
APEX AE4310	82.6	4.3	1	47
Stine 41EB32	80.7	4.1	1	38
Asgrow AG40XF0	79.7	4.0	1	37
FS InVISION 40F10	79.3	4.0	2	47
APEX AE4510	78.7	4.5	1	41
Asgrow AG46XF0	77.4	4.6	1	48
FS InVISION 45E00	76.7	4.5	1	41
Stine 40EB22	76.6	4.0	1	43
AgVenture 43V6E	75.7	4.3	2	43
FS InVISION 42E10	75.6	4.2	1	39
FS InVISION 43E00	75.1	4.3	2	45
FS InVISION 44F10	74.7	4.4	1	47
Asgrow AG45XF0	74.7	4.5	2	42
AgVenture 40V7E	72.7	4.0	1	47
DONMARIO DM40E62	69.4	4.0	1	39
Willcross Seed WXE8043NS	68.2	4.3	1	41
Stine 43EB20	56.4	4.3	1	40
<b>Mean</b>	<b>78.4</b>		<b>1</b>	<b>42</b>
<b>LSD (10%)</b>	<b>3.3</b>			
<b>CV (%)</b>	<b>3.9</b>			

\*\* Highest yielding variety in test

\* Yield not significantly less than the highest yielding variety in the test

+ MG provided by seed company

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## NORTH REGION

### Summary — Maturity Group 3

Brand-Variety	Albany (bu/ac)	Canton (bu/ac)	Mooreville (bu/ac)	Novelty (bu/ac)	Rock Port (bu/ac)	Mean (bu/ac)
APEX AE3900	61.6	70.2	62.4**	55.6	87.8*	67.5**
FS InVISION 38E90	59.0	72.5*	61.5*	56.4	86.8*	67.2*
Asgrow AG36XF1	58.5	75.5*	58.1	57.0*	84.1	66.6*
NK Seeds NK37-V4E3S	64.6*	74.3*	56.6	54.7	82.3	66.5*
FS InVISION 39E10	63.5	73.5*	58.7	53.9	82.8	66.5*
AgVenture 38V3E	60.1	75.8**	55.2	49.5	90.3**	66.2*
APEX AE3920	61.5	74.4*	61.3*	50.9	82.7	66.1*
Nutech 39N05E	60.0	64.3	60.3*	59.0*	82.5	65.2*
Willcross Seed WX1839NLL	62.0	68.3	51.4	58.9*	84.9	65.1
DONMARIO DM37F51	57.2	74.5*	57.9	46.8	88.1*	64.9
AgVenture 39V8E	56.1	70.2	56.1	55.3	84.9	64.5
AgVenture 39V5LL	66.4**	63.5	59.7*	52.8	79.8	64.4
FS InVISION 38F10	59.7	73.4*	48.9	58.7*	80.4	64.2
FS InVISION 39F10	57.8	67.3	61.3*	52.5	81.5	64.1
APEX AE3610	62.5	69.4	60.1*	56.4	71.7	64.0
Nutech 35N03E	61.3	62.8	59.2	59.4**	75.4	63.6
DONMARIO DM37C62S	58.9	68.2	55.7	51.9	83.0	63.5
Pioneer P35T15E	61.0	65.4	60.2*	53.5	77.4	63.5
Golden Harvest GH3762E3	62.1	72.2*	54.0	52.5	76.3	63.4
NK Seeds NK39-T5E3S	60.3	62.5	56.4	52.2	83.6	63.0
Stine 39EA02	58.9	67.7	58.4	46.8	81.9	62.7
APEX AE3420	61.4	57.0	58.0	56.6*	80.5	62.7
NK Seeds S39-E3	59.3	67.8	54.0	55.2	76.2	62.5
Nutech 37N01E	60.8	67.4	58.0	46.9	78.0	62.2
Nutech 39N04E	61.3	69.4	56.2	44.6	78.2	61.9
Golden Harvest GH3952XF	57.1	67.4	53.3	51.5	79.1	61.7
NK Seeds NK39-A1XF	58.5	63.5	47.6	58.0*	79.8	61.5
DONMARIO DM3756E	58.6	61.1	54.4	54.6	75.9	60.9
Willcross Seed WXE8038NS	55.3	68.4	56.2	50.3	73.8	60.8
Golden Harvest GH3902E3	61.6	71.4*	49.4	52.6	68.3	60.7
Stine 36EB32	66.1*	59.6	59.4*	50.6	67.3	60.6
MCIA Momentum 36C09	59.8	57.5	53.5	49.2	82.7	60.5
Stine 36EA02	58.4	61.3	54.2	41.6	85.3	60.2
DONMARIO DM3932E	56.3	61.2	53.6	52.6	76.8	60.1
Stine 37EC20	50.3	63.9	58.6	51.1	75.8	59.9
Brevant B389EE	61.3	57.9	52.5	54.1	72.8	59.7
APEX AE3220	58.7	59.0	58.5	44.3	77.7	59.6
DONMARIO DM39F62	54.3	58.3	52.0	53.7	79.9	59.6
AgVenture 39V7E	61.8	52.5	55.4	48.4	77.6	59.1
APEX AE3500	58.0	60.7	55.6	50.2	68.5	58.6
Willcross Seed WX1038NTLL	56.2	55.8	56.5	46.5	74.0	57.8

## Summary — Maturity Group 3 North Region (continued)

Brand-Variety	Albany (bu/ac)	Canton (bu/ac)	Mooreville (bu/ac)	Novelty (bu/ac)	Rock Port (bu/ac)	Mean (bu/ac)
<b>Mean</b>	<b>59.8</b>	<b>66.4</b>	<b>56.3</b>	<b>52.5</b>	<b>79.5</b>	<b>62.9</b>
<b>LSD (10%)</b>	<b>2.3</b>	<b>4.8</b>	<b>3.0</b>	<b>2.8</b>	<b>3.8</b>	<b>2.3</b>
<b>CV (%)</b>	<b>3.6</b>	<b>6.9</b>	<b>5.0</b>	<b>5.0</b>	<b>4.5</b>	<b>5.2</b>

\*\* Highest yielding variety in test

\* Yield not significantly less than the highest yielding variety in the test

## NORTH REGION

### Summary — Maturity Group 4

Brand-Variety	Albany (bu/ac)	Canton (bu/ac)	Mooreville (bu/ac)	Novelty (bu/ac)	Rock Port (bu/ac)	Mean (bu/ac)
Pioneer P48A60X	64.6	66.1	66.5*	62.3	87.7*	69.4**
Nutech 43N04E	61.5	66.1	65.3*	65.1*	87.5*	69.1*
APEX AE4120	68.0*	70.2*	63.0	49.5	90.6**	68.3*
AgVenture 43V6E	68.4**	72.2*	67.1**	57.5	75.7	68.2*
AgVenture 43V8LL	60.7	69.4*	66.7*	59.4	88.6*	67.0*
FS InVISION 44F10	66.0*	63.5	64.0	67.0**	74.7	67.0
Pioneer P42A96X	64.1	63.3	64.5	54.2	86.5	66.5
Asgrow AG46XF0	57.3	72.5**	59.6	63.8*	77.4	66.1
FS InVISION 45E00	59.5	68.7	62.0	62.6	76.7	65.9
APEX AE4310	65.3*	60.0	62.7	58.6	82.6	65.9
APEX AE4510	57.6	68.0	62.1	62.9	78.7	65.8
Brevant B400EE	61.7	70.9*	57.1	53.8	83.9	65.5
FS InVISION 43E00	66.9*	61.8	66.0*	57.3	75.1	65.4
Stine 40EB22	67.1*	59.1	66.2*	57.0	76.6	65.2
FS InVISION 40F10	62.7	70.7*	59.0	50.4	79.3	64.4
Stine 41EB32	62.0	69.0*	60.0	50.1	80.7	64.3
Asgrow AG45XF0	61.6	61.3	58.9	61.2	74.7	63.5
AgVenture 40V7E	58.2	62.8	58.8	59.8	72.7	62.4
Asgrow AG40XF0	60.1	58.0	57.8	56.0	79.7	62.3
FS InVISION 42E10	59.4	60.5	60.9	45.5	75.6	60.4
DONMARIO DM40E62	56.4	59.9	57.9	51.3	69.4	59.0
Willcross Seed WXE8043NS	55.9	64.3	53.4	52.2	68.2	58.8
Stine 43EB20	61.4	58.5	60.9	54.9	56.4	58.4
<b>Mean</b>	<b>61.9</b>	<b>65.0</b>	<b>61.8</b>	<b>57.1</b>	<b>78.4</b>	<b>64.8</b>
<b>LSD (10%)</b>	<b>3.1</b>	<b>3.6</b>	<b>2.2</b>	<b>3.9</b>	<b>3.3</b>	<b>2.2</b>
<b>CV (%)</b>	<b>4.7</b>	<b>5.2</b>	<b>3.3</b>	<b>6.4</b>	<b>3.9</b>	<b>4.7</b>

\*\* Highest yielding variety in test

\* Yield not significantly less than the highest yielding variety in the test

## CENTRAL REGION

### Columbia — Maturity Group 3

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
Pioneer P39A85X	48.8**	3.9	1	25
Asgrow AG36XF1	48.3*	3.6	1	25
NK Seeds NK39-T5E3S	48.3*	3.9	1	29
FS InVISION 38F10	48.2*	3.8	1	25
NK Seeds S39-E3	47.5*	3.9	1	26
Nutech 39N04E	46.9*	3.9	1	21
NK Seeds NK39-A1XF	45.7*	3.9	1	17
Nutech 37N01E	45.7*	3.7	1	23
FS InVISION 39F10	45.5	3.9	1	22
Nutech 39N05E	45.2	3.9	1	25
Stine 36EA02	43.8	3.6	1	23
Stine 36EB32	43.8	3.6	1	24
AgVenture 39V8E	43.7	3.9	1	22
Willcross Seed WX1839NLL	43.5	3.9	1	21
AgVenture 38V3E	42.8	3.8	1	25
NK Seeds NK37-V4E3S	42.7	3.7	1	30
FS InVISION 38E90	42.4	3.8	1	25
AgVenture 39V5LL	42.0	3.9	1	23
DONMARIO DM3756E	41.3	3.7	1	23
Stine 37EC20	40.5	3.7	1	24
Pioneer P35T15E	40.4	3.5	1	24
FS InVISION 39E10	40.3	3.9	1	22
AgVenture 39V7E	39.9	3.9	4	24
DONMARIO DM39F62	39.7	3.9	1	29
MCIA Momentum 39C09	39.4	3.9	1	25
Stine 39EA02	38.5	3.9	1	23
Nutech 35N03E	38.4	3.5	4	27
Brevant B389EE	35.6	3.8	1	25
Willcross Seed WXE8038NS	34.4	3.8	1	23
DONMARIO DM3932E	34.2	3.9	1	23
Golden Harvest GH3732XF	33.3	3.7	1	24
Willcross Seed WX1038NTLL	32.9	3.8	1	27
DONMARIO DM37F51	29.6	3.7	1	20
<b>Mean</b>	<b>41.7</b>		<b>1</b>	<b>24</b>
<b>LSD (10%)</b>	<b>3.1</b>			
<b>CV (%)</b>	<b>7.0</b>			

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+ MG provided by seed company

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

## CENTRAL REGION

### Henrietta — Maturity Group 3

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
FS InVISION 38F10	80.2**	3.8	1	36
FS InVISION 38E90	79.8*	3.8	2	38
DONMARIO DM37F51	75.6	3.7	1	35
AgVenture 39V5LL	75.4	3.9	1	34
NK Seeds S39-E3	74.3	3.9	1	36
Nutech 35N03E	74.1	3.5	1	36
AgVenture 39V8E	73.7	3.9	1	34
Pioneer P35T15E	73.4	3.5	1	36
DONMARIO DM3756E	73.1	3.7	1	32
NK Seeds NK39-A1XF	73.0	3.9	1	38
Brevant B389EE	72.8	3.8	1	35
NK Seeds NK39-T5E3S	72.5	3.9	3	40
MCIA Momentum 39C09	72.0	3.9	1	35
Pioneer P39A85X	72.0	3.9	1	37
Willcross Seed WX1038NTLL	71.4	3.8	1	40
Stine 36EB32	71.4	3.6	1	32
Willcross Seed WX1839NLL	71.2	3.9	1	37
NK Seeds NK37-V4E3S	71.2	3.7	2	36
AgVenture 38V3E	71.0	3.8	1	32
Nutech 37N01E	70.7	3.7	1	32
Golden Harvest GH3732XF	70.3	3.7	2	36
Stine 36EA02	70.3	3.6	1	34
FS InVISION 39F10	70.2	3.9	2	38
DONMARIO DM39F62	70.0	3.9	2	41
Stine 39EA02	69.7	3.9	1	36
Asgrow AG36XF1	68.6	3.6	1	39
AgVenture 39V7E	67.9	3.9	1	36
Nutech 39N04E	67.7	3.9	1	34
FS InVISION 39E10	67.6	3.9	1	32
Nutech 39N05E	67.0	3.9	1	32
Willcross Seed WXE8038NS	64.4	3.8	1	40
Stine 37EC20	63.2	3.7	1	30
DONMARIO DM3932E	62.5	3.9	1	34
<b>Mean</b>	<b>71.2</b>		<b>2</b>	<b>36</b>
<b>LSD (10%)</b>	<b>3.6</b>			
<b>CV (%)</b>	<b>4.8</b>			

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+ MG provided by seed company

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## CENTRAL REGION

### Norborne — Maturity Group 3

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
FS InVISION 38E90	78.6**	3.8	2	38
FS InVISION 39E10	78.1*	3.9	1	32
Golden Harvest GH3732XF	77.3*	3.7	1	40
FS InVISION 38F10	76.8*	3.8	1	32
AgVenture 39V7E	76.8*	3.9	2	41
Stine 37EC20	76.2*	3.7	1	30
Nutech 35N03E	76.0*	3.5	1	36
FS InVISION 39F10	75.5*	3.9	2	36
Pioneer P35T15E	74.3	3.5	1	36
Stine 36EA02	74.2	3.6	1	32
DONMARIO DM37F51	73.2	3.7	1	36
Willcross Seed WX1038NTLL	72.9	3.8	1	32
Nutech 39N05E	72.1	3.9	1	32
Nutech 39N04E	72.1	3.9	1	38
NK Seeds NK39-T5E3S	71.8	3.9	2	38
NK Seeds NK39-A1XF	71.3	3.9	1	34
DONMARIO DM39F62	71.3	3.9	1	39
AgVenture 39V8E	71.0	3.9	1	36
Stine 39EA02	71.0	3.9	1	36
AgVenture 38V3E	70.9	3.8	1	32
NK Seeds S39-E3	70.7	3.9	1	32
MCIA Momentum 39C09	70.5	3.9	1	34
Asgrow AG36XF1	70.5	3.6	1	35
NK Seeds NK37-V4E3S	69.8	3.7	1	35
Pioneer P39A85X	69.8	3.9	1	37
Willcross Seed WXE8038NS	69.6	3.8	2	36
Brevant B389EE	69.3	3.8	1	35
AgVenture 39V5LL	69.2	3.9	1	36
Willcross Seed WX1839NLL	68.8	3.9	1	40
Stine 36EB32	65.9	3.6	3	40
DONMARIO DM3932E	65.4	3.9	1	34
Nutech 37N01E	64.8	3.7	1	37
DONMARIO DM3756E	64.0	3.7	1	34
<b>Mean</b>	<b>71.6</b>		<b>1</b>	<b>36</b>
<b>LSD (10%)</b>	<b>3.3</b>		<b>0</b>	<b>0</b>
<b>CV (%)</b>	<b>4.3</b>		<b>8</b>	<b>1</b>

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## CENTRAL REGION

### Truxton — Maturity Group 3

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
NK Seeds NK37-V4E3S	47.5**	3.7	1	24
Nutech 37N01E	47.3*	3.7	1	24
NK Seeds S39-E3	45.6*	3.9	1	24
Pioneer P39A85X	45.0*	3.9	1	24
Nutech 39N05E	44.6*	3.9	1	23
NK Seeds NK39-T5E3S	44.1	3.9	1	24
FS InVISION 38E90	43.1	3.8	1	21
FS InVISION 38F10	42.7	3.8	1	21
DONMARIO DM3756E	42.3	3.7	1	24
Pioneer P35T15E	41.4	3.5	1	23
Stine 36EA02	40.6	3.6	1	21
Asgrow AG36XF1	40.2	3.6	1	23
Nutech 39N04E	39.9	3.9	1	23
AgVenture 38V3E	39.8	3.8	1	20
DONMARIO DM37F51	39.5	3.7	1	20
MCIA Momentum 39C09	39.3	3.9	1	21
AgVenture 39V5LL	39.2	3.9	1	24
DONMARIO DM3932E	39.0	3.9	1	21
AgVenture 39V7E	38.8	3.9	1	23
DONMARIO DM39F62	38.2	3.9	1	29
FS InVISION 39F10	38.1	3.9	1	22
Willcross Seed WX1839NLL	38.0	3.9	1	21
Stine 36EB32	37.8	3.6	1	23
Nutech 35N03E	37.7	3.5	1	23
Stine 37EC20	36.5	3.7	1	23
Stine 39EA02	36.3	3.9	1	21
AgVenture 39V8E	36.3	3.9	1	20
NK Seeds NK39-A1XF	36.2	3.9	1	21
Willcross Seed WX1038NTLL	35.6	3.8	1	29
Willcross Seed WXE8038NS	35.1	3.8	1	26
FS InVISION 39E10	34.5	3.9	1	17
Golden Harvest GH3732XF	33.6	3.7	1	23
Brevant B389EE	30.2	3.8	1	19
<b>Mean</b>	<b>39.9</b>		<b>1</b>	<b>23</b>
<b>LSD (10%)</b>	<b>2.9</b>			
<b>CV (%)</b>	<b>6.9</b>			

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## CENTRAL REGION

### Vandalia — Maturity Group 3

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
Pioneer P35T15E	72.1**	3.5	1	33
NK Seeds S39-E3	71.7*	3.9	1	34
Stine 36EB32	71.0*	3.6	1	32
Golden Harvest GH3732XF	70.6*	3.7	1	33
FS InVISION 38F10	69.9*	3.8	1	32
AgVenture 39V5LL	69.6*	3.9	1	32
Willcross Seed WX1839NLL	69.5*	3.9	1	35
Stine 36EA02	69.3*	3.6	1	29
FS InVISION 38E90	69.1*	3.8	1	34
Nutech 37N01E	69.1*	3.7	1	31
AgVenture 39V7E	68.8	3.9	1	32
Pioneer P39A85X	68.6	3.9	1	33
Nutech 35N03E	68.5	3.5	1	33
AgVenture 38V3E	68.5	3.8	1	30
Asgrow AG36XF1	68.4	3.6	1	30
DONMARIO DM37F51	66.9	3.7	1	30
Stine 37EC20	66.5	3.7	1	30
Nutech 39N05E	66.3	3.9	1	30
NK Seeds NK37-V4E3S	66.2	3.7	1	32
DONMARIO DM3932E	66.1	3.9	1	32
FS InVISION 39F10	66.0	3.9	1	35
DONMARIO DM39F62	65.2	3.9	1	38
AgVenture 39V8E	64.9	3.9	1	29
DONMARIO DM3756E	64.9	3.7	1	32
Stine 39EA02	64.6	3.9	1	30
FS InVISION 39E10	64.1	3.9	1	28
Brevant B389EE	63.7	3.8	1	32
Willcross Seed WXE8038NS	63.5	3.8	1	31
NK Seeds NK39-T5E3S	63.4	3.9	2	36
NK Seeds NK39-A1XF	63.2	3.9	1	35
MCIA Momentum 39C09	62.5	3.9	1	31
Nutech 39N04E	62.2	3.9	1	29
Willcross Seed WX1038NTLL	60.0	3.8	2	35
<b>Mean</b>	<b>66.8</b>		<b>1</b>	<b>32</b>
<b>LSD (10%)</b>	<b>3.2</b>			
<b>CV (%)</b>	<b>4.5</b>			

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## CENTRAL REGION

### Columbia — Maturity Group 4

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
AgVenture 47V4LL	53.3**	4.7	1	29
FS InVISION 44F10	52.6*	4.4	1	27
Stine 40EB22	52.3*	4.0	1	29
MCIA S16-5540GT	51.1*	4.6	1	28
AgVenture 43V8LL	49.7	4.3	1	29
AgVenture 40V7E	49.4	4.0	1	29
Nutech 43N04E	48.8	4.3	1	25
FS InVISION 43E00	48.1	4.3	1	27
MCIA Momentum 46G08	47.9	4.6	1	27
FS InVISION 42E10	47.6	4.2	1	21
Nutech 45N04E	47.4	4.5	1	27
Nutech 48N06E	47.4	4.8	1	24
Pioneer P42A96X	46.9	4.2	1	25
Golden Harvest GH4452XF	46.4	4.4	1	25
FS InVISION 40F10	46.3	4.0	1	29
Golden Harvest GH4392XF	46.0	4.3	1	29
Pioneer P48A60X	46.0	4.8	1	23
MCIA S16-14730C	45.9	4.7	1	27
DONMARIO DM41C51	45.1	4.1	1	26
Asgrow AG46XF0	44.2	4.6	1	29
FS InVISION 45E00	43.5	4.5	1	24
AgVenture 43V6E	43.3	4.3	1	26
Stine 41EB32	42.9	4.1	1	21
Asgrow AG40XF0	42.4	4.0	4	25
NK Seeds NK42-T5XF	42.4	4.2	1	24
AgVenture 46V2E	40.9	4.6	1	27
Brevant B400EE	40.5	4.0	1	23
DONMARIO DM40E62	40.1	4.0	1	25
Stine 43EB20	39.7	4.3	1	20
Asgrow AG45XF0	38.9	4.5	1	27
Willcross Seed WXE8043NS	38.5	4.3	1	25
Nutech 46N02E	29.2	4.6	1	22
<b>Mean</b>	<b>45.2</b>		<b>1</b>	<b>26</b>
<b>LSD (10%)</b>	<b>2.4</b>			
<b>CV (%)</b>	<b>5.0</b>			

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## CENTRAL REGION

### Henrietta — Maturity Group 4

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
AgVenture 47V4LL	75.9**	4.7	1	39
Pioneer P42A96X	74.2*	4.2	1	42
Golden Harvest GH4392XF	73.4*	4.3	3	40
NK Seeds NK42-T5XF	73.1	4.2	1	39
FS InVISION 42E10	73.1	4.2	1	38
FS InVISION 43E00	72.9	4.3	1	40
FS InVISION 44F10	72.0	4.4	1	44
AgVenture 43V6E	71.9	4.3	1	38
Asgrow AG46XF0	71.7	4.6	1	39
MCIA S16-14730C	71.5	4.7	2	42
Stine 40EB22	70.3	4.0	1	39
Golden Harvest GH4452XF	70.1	4.4	1	39
Willcross Seed WXE8043NS	69.9	4.3	1	36
AgVenture 46V2E	69.4	4.6	1	35
Nutech 43N04E	67.7	4.3	2	41
Stine 41EB32	66.7	4.1	1	37
Asgrow AG45XF0	65.8	4.5	1	38
Nutech 46N02E	65.6	4.6	1	34
Nutech 48N06E	65.4	4.8	1	41
FS InVISION 40F10	65.4	4.0	1	41
AgVenture 43V8LL	65.2	4.3	2	45
Pioneer P48A60X	64.8	4.8	2	38
AgVenture 40V7E	64.5	4.0	2	36
DONMARIO DM41C51	64.4	4.1	1	36
DONMARIO DM40E62	64.1	4.0	1	35
FS InVISION 45E00	63.5	4.5	1	37
MCIA Momentum 46G08	62.4	4.6	2	40
Asgrow AG40XF0	62.0	4.0	1	38
Stine 43EB20	60.6	4.3	1	39
Brevant B400EE	60.3	4.0	1	30
Nutech 45N04E	60.1	4.5	2	40
MCIA S16-5540GT	59.8	4.6	4	41
<b>Mean</b>	<b>67.6</b>		<b>2</b>	<b>38</b>
<b>LSD (10%)</b>	<b>2.7</b>			
<b>CV (%)</b>	<b>3.8</b>			

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## CENTRAL REGION

### Norborne — Maturity Group 4

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
Pioneer P48A60X	80.3**	4.8	1	43
AgVenture 43V6E	78.9*	4.3	2	38
Asgrow AG46XF0	78.7*	4.6	1	41
Golden Harvest GH4452XF	78.5*	4.4	1	40
Golden Harvest GH4392XF	78.3*	4.3	2	42
Asgrow AG45XF0	78.0*	4.5	3	37
AgVenture 43V8LL	78.0*	4.3	1	44
Nutech 43N04E	77.3*	4.3	1	71
NK Seeds NK42-T5XF	77.3*	4.2	1	40
FS InVISION 44F10	76.4	4.4	1	44
AgVenture 47V4LL	75.1	4.7	1	41
Nutech 48N06E	74.6	4.8	1	40
FS InVISION 45E00	74.6	4.5	1	40
DONMARIO DM41C51	73.6	4.1	1	38
Pioneer P42A96X	73.3	4.2	1	36
FS InVISION 40F10	72.9	4.0	1	42
Nutech 46N02E	72.8	4.6	1	34
AgVenture 46V2E	72.8	4.6	1	38
Stine 41EB32	72.5	4.1	1	39
DONMARIO DM40E62	71.7	4.0	1	35
FS InVISION 42E10	71.5	4.2	1	41
FS InVISION 43E00	71.0	4.3	1	37
Nutech 45N04E	69.4	4.5	1	40
Stine 43EB20	68.8	4.3	1	35
AgVenture 40V7E	68.2	4.0	1	39
Willcross Seed WXE8043NS	68.1	4.3	1	40
MCIA S16-14730C	67.9	4.7	1	44
Asgrow AG40XF0	67.6	4.0	1	39
Stine 40EB22	67.4	4.0	1	41
Brevant B400EE	66.0	4.0	2	36
MCIA S16-5540GT	65.4	4.6	3	43
MCIA Momentum 46G08	65.1	4.6	1	42
<b>Mean</b>	<b>72.7</b>		<b>1</b>	<b>41</b>
<b>LSD (10%)</b>	<b>3.6</b>			
<b>CV (%)</b>	<b>4.7</b>			

\*\* Highest yielding variety in test

\* Yield not significantly less than the highest yielding variety in the test

+ MG provided by seed company

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

## CENTRAL REGION

### Truxton — Maturity Group 4

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
FS InVISION 44F10	54.6**	4.4	1	27
DONMARIO DM41C51	54.3*	4.1	1	29
AgVenture 40V7E	54.2*	4.0	1	27
Nutech 48N06E	53.4*	4.8	1	28
Nutech 43N04E	53.2*	4.3	1	28
Stine 41EB32	51.8*	4.1	1	28
Nutech 46N02E	51.7*	4.6	1	29
FS InVISION 40F10	51.4	4.0	1	29
NK Seeds NK42-T5XF	51.3	4.2	1	24
Asgrow AG46XF0	51.1	4.6	1	32
AgVenture 47V4LL	50.8	4.7	1	29
MCIA Momentum 46G08	50.7	4.6	1	29
AgVenture 46V2E	50.5	4.6	1	27
Golden Harvest GH4452XF	50.3	4.4	1	27
Stine 40EB22	49.9	4.0	1	25
Pioneer P42A96X	49.2	4.2	1	26
FS InVISION 42E10	49.2	4.2	1	31
Asgrow AG45XF0	49.0	4.5	1	29
Golden Harvest GH4392XF	48.8	4.3	1	33
AgVenture 43V6E	48.2	4.3	1	25
DONMARIO DM40E62	47.6	4.0	1	27
Stine 43EB20	47.6	4.3	1	29
FS InVISION 43E00	47.3	4.3	1	29
Willcross Seed WXE8043NS	47.3	4.3	1	28
Pioneer P48A60X	47.3	4.8	1	28
FS InVISION 45E00	46.9	4.5	1	23
MCIA S16-14730C	45.8	4.7	1	28
Asgrow AG40XF0	45.8	4.0	1	28
AgVenture 43V8LL	45.7	4.3	1	30
Nutech 45N04E	45.6	4.5	1	26
Brevant B400EE	44.4	4.0	1	23
MCIA S16-5540GT	43.5	4.6	1	32
<b>Mean</b>	<b>49.6</b>		<b>1</b>	<b>28</b>
<b>LSD (10%)</b>	<b>3.1</b>			
<b>CV (%)</b>	<b>5.9</b>			

\*\* Highest yielding variety in test

\* Yield not significantly less than the highest yielding variety in the test

+ MG provided by seed company

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

## CENTRAL REGION

### Vandalia — Maturity Group 4

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
AgVenture 47V4LL	72.2**	4.7	1	34
Golden Harvest GH4452XF	71.5*	4.4	1	35
AgVenture 43V8LL	71.0*	4.3	1	38
NK Seeds NK42-T5XF	68.8	4.2	1	34
FS InVISION 42E10	68.3	4.2	1	33
AgVenture 43V6E	67.9	4.3	1	36
Stine 41EB32	67.8	4.1	1	32
FS InVISION 44F10	67.6	4.4	1	37
AgVenture 46V2E	66.5	4.6	2	35
Pioneer P42A96X	66.5	4.2	1	36
Nutech 43N04E	66.3	4.3	1	34
Brevant B400EE	66.2	4.0	1	30
Stine 40EB22	65.6	4.0	2	32
Asgrow AG46XF0	65.4	4.6	1	35
Nutech 45N04E	65.3	4.5	1	35
Golden Harvest GH4392XF	64.9	4.3	2	39
FS InVISION 43E00	64.9	4.3	1	35
DONMARIO DM41C51	64.7	4.1	1	33
Willcross Seed WXE8043NS	64.7	4.3	1	32
FS InVISION 40F10	64.4	4.0	1	35
Pioneer P48A60X	64.3	4.8	1	36
DONMARIO DM40E62	64.1	4.0	1	34
Nutech 46N02E	63.9	4.6	1	31
AgVenture 40V7E	63.9	4.0	1	35
FS InVISION 45E00	63.7	4.5	1	34
Asgrow AG40XF0	63.4	4.0	1	35
Stine 43EB20	63.2	4.3	1	33
Nutech 48N06E	62.5	4.8	1	37
MCIA S16-14730C	61.2	4.7	1	38
Asgrow AG45XF0	61.1	4.5	2	37
MCIA S16-5540GT	55.2	4.6	3	36
MCIA Momentum 46G08	54.3	4.6	1	34
<b>Mean</b>	<b>65.4</b>		<b>1</b>	<b>34</b>
<b>LSD (10%)</b>	<b>2.7</b>			
<b>CV (%)</b>	<b>3.9</b>			

\*\* Highest yielding variety in test

\* Yield not significantly less than the highest yielding variety in the test

+ MG provided by seed company

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.



## CENTRAL REGION

### Summary — Maturity Group 3

Brand-Variety	Columbia (bu/ac)	Henrietta (bu/ac)	Norborne (bu/ac)	Vandalia (bu/ac)	Mean (bu/ac)
FS InVISION 38F10	48.2*	80.2**	76.8*	69.9*	68.8**
FS InVISION 38E90	42.4	79.8*	78.6**	69.1*	67.4*
NK Seeds S39-E3	47.5*	74.3	70.7	71.7*	66.0
Pioneer P35T15E	40.4	73.4	74.3	72.1**	65.0
Pioneer P39A85X	48.8**	72.0	69.8	68.6	64.8
Stine 36EA02	43.8	70.3	74.2	69.3*	64.4
FS InVISION 39F10	45.5	70.2	75.5*	66.0	64.3
Nutech 35N03E	38.4	74.1	76.0*	68.5	64.3
AgVenture 39V5LL	42.0	75.4	69.2	69.6*	64.1
NK Seeds NK39-T5E3S	48.3*	72.5	71.8	63.4	64.0
Asgrow AG36XF1	48.3*	68.6	70.5	68.4	64.0
AgVenture 39V8E	43.7	73.7	71.0	64.9	63.4
AgVenture 39V7E	39.9	67.9	76.8*	68.8	63.3
NK Seeds NK39-A1XF	45.7*	73.0	71.3	63.2	63.3
AgVenture 38V3E	42.8	71.0	70.9	68.5	63.3
Willcross Seed WX1839NLL	43.5	71.2	68.8	69.5*	63.2
Stine 36EB32	43.8	71.4	65.9	71.0*	63.0
Golden Harvest GH3732XF	33.3	70.3	77.3*	70.6*	62.9
Nutech 39N05E	45.2	67.0	72.1	66.3	62.6
Nutech 37N01E	45.7*	70.7	64.8	69.1*	62.6
FS InVISION 39E10	40.3	67.6	78.1*	64.1	62.5
NK Seeds NK37-V4E3S	42.7	71.2	69.8	66.2	62.5
Nutech 39N04E	46.9*	67.7	72.1	62.2	62.2
Stine 37EC20	40.5	63.2	76.2*	66.5	61.6
DONMARIO DM39F62	39.7	70.0	71.3	65.2	61.5
DONMARIO DM37F51	29.6	75.6	73.2	66.9	61.3
MCIA Momentum 39C09	39.4	72.0	70.5	62.5	61.1
Stine 39EA02	38.5	69.7	71.0	64.6	60.9
DONMARIO DM3756E	41.3	73.1	64.0	64.9	60.8
Brevant B389EE	35.6	72.8	69.3	63.7	60.3
Willcross Seed WX1038NTLL	32.9	71.4	72.9	60.0	59.3
Willcross Seed WXE8038NS	34.4	64.4	69.6	63.5	58.0
DONMARIO DM3932E	34.2	62.5	65.4	66.1	57.0
<b>Mean</b>	<b>41.7</b>	<b>71.2</b>	<b>71.6</b>	<b>66.8</b>	<b>62.8</b>
<b>LSD (10%)</b>	<b>3.1</b>	<b>3.6</b>	<b>3.3</b>	<b>3.2</b>	<b>2.5</b>
<b>CV (%)</b>	<b>7.0</b>	<b>4.8</b>	<b>4.3</b>	<b>4.5</b>	<b>4.9</b>

\*\* Highest yielding variety in test

\* Yield not significantly less than the highest yielding variety in the test

## CENTRAL REGION

### Summary — Maturity Group 4

Brand-Variety	Columbia (bu/ac)	Henrietta (bu/ac)	Norborne (bu/ac)	Vandalia (bu/ac)	Mean (bu/ac)
AgVenture 47V4LL	53.3**	75.9**	75.1	72.2**	69.1**
FS InVISION 44F10	52.6*	72.0	76.4	67.6	67.2*
Golden Harvest GH4452XF	46.4	70.1	78.5*	71.5*	66.6
AgVenture 43V8LL	49.7	65.2	78.0*	71.0*	66.0
Golden Harvest GH4392XF	46.0	73.4*	78.3*	64.9	65.7
AgVenture 43V6E	43.3	71.9	78.9*	67.9	65.5
NK Seeds NK42-T5XF	42.4	73.1	77.3*	68.8	65.4
Pioneer P42A96X	46.9	74.2*	73.3	66.5	65.2
FS InVISION 42E10	47.6	73.1	71.5	68.3	65.1
Nutech 43N04E	48.8	67.7	77.3*	66.3	65.1
Asgrow AG46XF0	44.2	71.7	78.7*	65.4	65.0
FS InVISION 43E00	48.1	72.9	71.0	64.9	64.2
Stine 40EB22	52.3*	70.3	67.4	65.6	63.9
Pioneer P48A60X	46.0	64.8	80.3**	64.3	63.9
Stine 41EB32	42.9	66.7	72.5	67.8	62.5
Nutech 48N06E	47.4	65.4	74.6	62.5	62.5
AgVenture 46V2E	40.9	69.4	72.8	66.5	62.4
FS InVISION 40F10	46.3	65.4	72.9	64.4	62.2
DONMARIO DM41C51	45.1	64.4	73.6	64.7	62.0
MCIA S16-14730C	45.9	71.5	67.9	61.2	61.6
AgVenture 40V7E	49.4	64.5	68.2	63.9	61.5
FS InVISION 45E00	43.5	63.5	74.6	63.7	61.3
Asgrow AG45XF0	38.9	65.8	78.0*	61.1	61.0
Nutech 45N04E	47.4	60.1	69.4	65.3	60.5
Willcross Seed WXE8043NS	38.5	69.9	68.1	64.7	60.3
DONMARIO DM40E62	40.1	64.1	71.7	64.1	60.0
Asgrow AG40XF0	42.4	62.0	67.6	63.4	58.9
Brevant B400EE	40.5	60.3	66.0	66.2	58.2
Stine 43EB20	39.7	60.6	68.8	63.2	58.1
Nutech 46N02E	29.2	65.6	72.8	63.9	57.9
MCIA S16-5540GT	51.1*	59.8	65.4	55.2	57.9
MCIA Momentum 46G08	47.9	62.4	65.1	54.3	57.4
<b>Mean</b>	<b>45.2</b>	<b>67.6</b>	<b>72.7</b>	<b>65.4</b>	<b>62.7</b>
<b>LSD (10%)</b>	<b>2.4</b>	<b>2.7</b>	<b>3.6</b>	<b>2.7</b>	<b>2.2</b>
<b>CV (%)</b>	<b>5.0</b>	<b>3.8</b>	<b>4.7</b>	<b>3.9</b>	<b>4.4</b>

\*\* Highest yielding variety in test

\* Yield not significantly less than the highest yielding variety in the test

## SOUTHWEST REGION

### Garden City — Maturity Group 4

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
NK Seeds NK45-V9E3	67.2**	4.5	1	30
NK Seeds NK43-V8XF	64.2*	4.3	1	35
Dyna-Gro S46XF31S	64.1*	4.6	1	33
Midland Genetics 4621XFS	62.7	4.6	1	32
Midland Genetics 4922XFS	61.7	4.9	1	33
Midland Genetics 4422XFS	61.4	4.4	1	35
Midland Genetics 4821XFS	60.9	4.8	1	28
DONMARIO DM46F62	60.1	4.6	1	33
MCIA MO4901D GT	59.4	4.9	1	34
Stine 43EB20	59.0	4.3	1	27
NK Seeds NK49-T6E3S	58.7	4.9	1	35
Nutech 45N04E	58.2	4.5	1	28
NK Seeds NK44-J4XF	57.9	4.4	1	30
Nutech 43N04E	57.9	4.3	1	28
Willcross Seed WXE8146NS	57.6	4.6	1	32
Dyna-Gro S46ES91	56.7	4.6	1	32
Asgrow AG46XF0	56.4	4.6	1	30
DONMARIO DM42F62	56.3	4.2	1	31
Stine 40EB22	56.2	4.0	1	29
Stine 36EB32	55.8	3.6	1	27
Midland Genetics 4412E3S	55.8	4.4	1	27
Stine 41EB32	55.5	4.1	1	27
MCIA S16-5540GT	55.1	4.6	1	33
Nutech 48N06E	54.7	4.8	1	26
MCIA Momentum 48G00	54.6	4.8	1	29
Midland Genetics 4880E3S	54.2	4.8	1	37
Asgrow AG45XF0	54.1	4.5	1	30
Pioneer P35T15E	53.6	3.5	1	28
Virtue V4520S	53.6	4.5	1	29
DONMARIO DM46E62	52.6	4.6	1	32
MCIA Momentum 46G08	52.5	4.6	1	29
Stine 37EC20	52.5	3.7	1	27
Stine 36EA02	52.1	3.6	1	22
MCIA S16-14730C	51.6	4.7	1	29
Asgrow AG40XF0	51.0	4.0	1	28
Midland Genetics 4602E3S	50.3	4.6	1	32
Nutech 46N02E	50.2	4.6	1	26
Willcross Seed WX1748NLL	49.6	4.8	1	27
Stine 39EA02	48.5	3.9	1	25
Willcross Seed WXE8148NS	48.4	4.8	1	29

## Garden City — Maturity Group 4 Southwest Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
Willcross Seed WXR7878NS	45.5	4.8	1	32
Brevant B400EE	43.3	4.0	1	23
<b>Mean</b>	<b>55.5</b>		<b>1</b>	<b>30</b>
<b>LSD (10%)</b>	<b>3.7</b>			
<b>CV (%)</b>	<b>6.3</b>			

\*\* Highest yielding variety in test

\* Yield not significantly less than the highest yielding variety in the test

+ MG provided by seed company

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

## SOUTHWEST REGION

### Lamar — Maturity Group 4

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
Nutech 48N06E	57.9**	4.8	1	33
Stine 40EB22	57.9**	4.0	1	13
DONMARIO DM42F62	57.2*	4.2	1	33
Midland Genetics 4412E3S	57.1*	4.4	1	31
Midland Genetics 4922XFS	56.9*	4.9	1	32
Dyna-Gro S46XF31S	56.6*	4.6	1	36
Dyna-Gro S46ES91	55.4*	4.6	1	36
NK Seeds NK45-V9E3	55.4*	4.5	1	32
DONMARIO DM46F62	54.9*	4.6	1	39
MCIA MO4901D GT	54.8*	4.9	1	35
Willcross Seed WXE8146NS	54.4*	4.6	1	34
Midland Genetics 4621XFS	54.4*	4.6	1	34
Midland Genetics 4821XFS	54.3*	4.8	1	31
NK Seeds NK44-J4XF	54.2*	4.4	1	53
Midland Genetics 4422XFS	54.1	4.4	1	33
Stine 43EB20	54.1	4.3	1	27
Nutech 43N04E	54.0	4.3	1	32
NK Seeds NK43-V8XF	53.9	4.3	1	37
Pioneer P35T15E	53.5	3.5	1	29
Midland Genetics 4880E3S	53.5	4.8	1	44
Nutech 45N04E	53.4	4.5	1	34
NK Seeds NK49-T6E3S	53.4	4.9	1	36
Asgrow AG46XF0	52.9	4.6	1	32
Virtue V4520S	52.6	4.5	1	29
Stine 37EC20	52.5	3.7	1	32
MCIA Momentum 46G08	52.1	4.6	1	29
Nutech 46N02E	51.8	4.6	1	28
Stine 36EA02	51.5	3.6	1	28
MCIA S16-14730C	51.3	4.7	1	33
Midland Genetics 4602E3S	50.9	4.6	1	38
Stine 36EB32	50.6	3.6	1	29
Willcross Seed WX1748NLL	50.6	4.8	1	34
MCIA S16-5540GT	50.3	4.6	1	36
Asgrow AG40XF0	49.5	4.0	1	29
Stine 41EB32	49.4	4.1	1	30
Stine 39EA02	49.3	3.9	1	30
Asgrow AG45XF0	48.3	4.5	1	37
MCIA Momentum 48G00	46.6	4.8	1	13
Brevant B400EE	45.4	4.0	1	27
DONMARIO DM46E62	43.9	4.6	1	35

## Lamar — Maturity Group 4 Southwest Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
Willcross Seed WXE8148NS	41.6	4.8	1	28
Willcross Seed WXR7878NS	40.9	4.8	1	37
<b>Mean</b>	<b>52.4</b>		<b>1</b>	<b>32</b>
<b>LSD (10%)</b>	<b>3.7</b>			
<b>CV (%)</b>	<b>6.7</b>			

\*\* Highest yielding variety in test

\* Yield not significantly less than the highest yielding variety in the test

+ MG provided by seed company

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

## SOUTHWEST REGION

### Mt. Vernon — Maturity Group 4

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
Midland Genetics 4922XFS	33.8**	4.9	1	30
Stine 40EB22	30.7	4.0	1	29
Nutech 46N02E	29.4	4.6	1	26
Midland Genetics 4880E3S	29.1	4.8	1	35
Midland Genetics 4602E3S	28.8	4.6	1	27
Midland Genetics 4422XFS	28.7	4.4	1	31
Stine 37EC20	28.2	3.7	1	29
Midland Genetics 4412E3S	27.7	4.4	1	23
NK Seeds NK43-V8XF	27.2	4.3	1	32
Midland Genetics 4621XFS	26.9	4.6	1	32
Nutech 45N04E	26.7	4.5	1	27
Willcross Seed WXE8146NS	26.6	4.6	1	24
Asgrow AG45XF0	26.6	4.5	1	29
Midland Genetics 4821XFS	26.5	4.8	1	28
Nutech 43N04E	26.5	4.3	1	26
Nutech 48N06E	26.3	4.8	1	24
Virtue V4520S	26.3	4.5	1	23
MCIA S16-14730C	26.1	4.7	1	27
NK Seeds NK44-J4XF	26.1	4.4	1	26
Stine 41EB32	26.1	4.1	1	26
Stine 36EB32	26.0	3.6	1	24
DONMARIO DM42F62	26.0	4.2	1	27
NK Seeds NK45-V9E3	25.8	4.5	1	30
Stine 43EB20	25.7	4.3	1	23
Asgrow AG40XF0	25.6	4.0	1	27
DONMARIO DM46E62	25.4	4.6	1	34
MCIA Momentum 48G00	25.3	4.8	1	25
Dyna-Gro S46XF31S	25.3	4.6	1	32
Willcross Seed WX1748NLL	25.3	4.8	1	30
NK Seeds NK49-T6E3S	25.2	4.9	1	28
Asgrow AG46XF0	24.9	4.6	1	25
Dyna-Gro S46ES91	24.7	4.6	1	29
Stine 36EA02	24.4	3.6	1	23
DONMARIO DM46F62	24.4	4.6	1	27
Willcross Seed WXE8148NS	24.3	4.8	1	27
Stine 39EA02	24.2	3.9	1	25
MCIA Momentum 46G08	22.5	4.6	1	24
Pioneer P35T15E	22.5	3.5	1	24
Willcross Seed WXR7878NS	21.4	4.8	1	29
MCIA S16-5540GT	21.2	4.6	1	32

## Mt. Vernon — Maturity Group 4 Southwest Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
MCIA MO4901D GT	19.9	4.9	1	28
Brevant B400EE	17.7	4.0	1	24
<b>Mean</b>	<b>25.8</b>		<b>1</b>	<b>27</b>
<b>LSD (10%)</b>	<b>1.5</b>			
<b>CV (%)</b>	<b>5.3</b>			

\*\* Highest yielding variety in test

\* Yield not significantly less than the highest yielding variety in the test

+ MG provided by seed company

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.



## SOUTHWEST REGION

### Urich — Maturity Group 4

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
Midland Genetics 4621XFS	67.3**	4.6	1	37
Dyna-Gro S46XF31S	66.9*	4.6	1	36
Nutech 43N04E	60.8	4.3	1	31
Midland Genetics 4602E3S	60.4	4.6	1	37
NK Seeds NK49-T6E3S	58.7	4.9	1	32
Nutech 48N06E	57.9	4.8	1	29
Midland Genetics 4922XFS	57.8	4.9	1	26
Midland Genetics 4422XFS	57.6	4.4	1	33
DONMARIO DM42F62	57.1	4.2	1	32
Willcross Seed WXE8146NS	56.9	4.6	1	32
Stine 43EB20	55.3	4.3	1	25
Midland Genetics 4880E3S	55.0	4.8	1	36
MCIA MO4901D GT	54.6	4.9	1	29
Stine 40EB22	53.9	4.0	1	35
NK Seeds NK45-V9E3	53.5	4.5	1	37
Asgrow AG45XF0	53.5	4.5	1	32
MCIA S16-14730C	52.9	4.7	1	29
Nutech 46N02E	52.1	4.6	1	30
NK Seeds NK44-J4XF	51.9	4.4	1	28
NK Seeds NK43-V8XF	51.6	4.3	1	35
Asgrow AG40XF0	51.4	4.0	1	28
MCIA S16-5540GT	51.2	4.6	1	30
DONMARIO DM46E62	50.7	4.6	1	32
Dyna-Gro S46ES91	49.9	4.6	1	30
Stine 36EA02	49.7	3.6	1	27
Willcross Seed WX1748NLL	49.4	4.8	1	32
Nutech 45N04E	49.2	4.5	1	26
Virtue V4520S	48.9	4.5	1	34
MCIA Momentum 48G00	48.9	4.8	1	30
Asgrow AG46XF0	48.9	4.6	1	30
MCIA Momentum 46G08	48.5	4.6	1	29
Stine 41EB32	48.3	4.1	1	33
Stine 36EB32	48.1	3.6	1	27
Midland Genetics 4821XFS	47.2	4.8	1	31
Willcross Seed WXR7878NS	47.2	4.8	1	33
DONMARIO DM46F62	46.7	4.6	1	33
Willcross Seed WXE8148NS	44.3	4.8	1	30
Midland Genetics 4412E3S	44.0	4.4	1	29
Pioneer P35T15E	43.5	3.5	1	26
Stine 37EC20	40.1	3.7	1	27

## Urich — Maturity Group 4 Southwest Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
Brevant B400EE	39.7	4.0	1	29
Stine 39EA02	37.4	3.9	1	25
<b>Mean</b>	<b>51.7</b>		<b>1</b>	<b>31</b>
<b>LSD (10%)</b>	<b>3.3</b>			
<b>CV (%)</b>	<b>6.0</b>			

\*\* Highest yielding variety in test

\* Yield not significantly less than the highest yielding variety in the test

+ MG provided by seed company

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

## SOUTHWEST REGION

### Summary — Maturity Group 4

Brand-Variety	Garden City (bu/ac)	Lamar (bu/ac)	Urich (bu/ac)	Mean (bu/ac)
Dyna-Gro S46XF31S	64.1*	56.6*	66.9*	62.5**
Midland Genetics 4621XFS	62.7	54.4*	67.3**	61.5*
Midland Genetics 4922XFS	61.7	56.9*	57.8	58.8
NK Seeds NK45-V9E3	67.2**	55.4*	53.5	58.7
Midland Genetics 4422XFS	61.4	54.1	57.6	57.7
Nutech 43N04E	57.9	54.0	60.8	57.5
NK Seeds NK49-T6E3S	58.7	53.4	58.7	56.9
DONMARIO DM42F62	56.3	57.2*	57.1	56.9
Nutech 48N06E	54.7	57.9**	57.9	56.8
NK Seeds NK43-V8XF	64.2*	53.9	51.6	56.6
Willcross Seed WXE8146NS	57.6	54.4*	56.9	56.3
MCIA MO4901D GT	59.4	54.8*	54.6	56.3
Stine 43EB20	59.0	54.1	55.3	56.1
Stine 40EB22	56.2	57.9**	53.9	56.0
NK Seeds NK44-J4XF	57.9	54.2*	51.9	54.7
Midland Genetics 4880E3S	54.2	53.5	55.0	54.2
Midland Genetics 4821XFS	60.9	54.3*	47.2	54.1
Dyna-Gro S46ES91	56.7	55.4*	49.9	54.0
DONMARIO DM46F62	60.1	54.9*	46.7	53.9
Midland Genetics 4602E3S	50.3	50.9	60.4	53.9
Nutech 45N04E	58.2	53.4	49.2	53.6
Asgrow AG46XF0	56.4	52.9	48.9	52.8
Midland Genetics 4412E3S	55.8	57.1*	44.0	52.3
MCIA S16-5540GT	55.1	50.3	51.2	52.2
Asgrow AG45XF0	54.1	48.3	53.5	52.0
MCIA S16-14730C	51.6	51.3	52.9	51.9
Virtue V4520S	53.6	52.6	48.9	51.7
Stine 36EB32	55.8	50.6	48.1	51.5
Nutech 46N02E	50.2	51.8	52.1	51.4
Stine 36EA02	52.1	51.5	49.7	51.1
Stine 41EB32	55.5	49.4	48.3	51.1
MCIA Momentum 46G08	52.5	52.1	48.5	51.0
Asgrow AG40XF0	51.0	49.5	51.4	50.6
Pioneer P35T15E	53.6	53.5	43.5	50.2
MCIA Momentum 48G00	54.6	46.6	48.9	50.0
Willcross Seed WX1748NLL	49.6	50.6	49.4	49.9
DONMARIO DM46E62	52.6	43.9	50.7	49.1
Stine 37EC20	52.5	52.5	40.1	48.3
Stine 39EA02	48.5	49.3	37.4	45.0
Willcross Seed WXE8148NS	48.4	41.6	44.3	44.8

## Summary — Maturity Group 4 Southwest Region (continued)

Brand-Variety	Garden City (bu/ac)	Lamar (bu/ac)	Urich (bu/ac)	Mean (bu/ac)
Willcross Seed WXR7878NS	45.5	40.9	47.2	44.5
Brevant B400EE	43.3	45.4	39.7	42.8
<b>Mean</b>	<b>55.5</b>	<b>52.4</b>	<b>51.7</b>	<b>53.2</b>
<b>LSD (10%)</b>	<b>3.7</b>	<b>3.7</b>	<b>3.3</b>	<b>3.1</b>
<b>CV (%)</b>	<b>6.3</b>	<b>6.7</b>	<b>6.0</b>	<b>6.3</b>

\*\* Highest yielding variety in test

\* Yield not significantly less than the highest yielding variety in the test

## SOUTHEAST REGION

### Campbell — Maturity Group 4 and 5

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
AgriGold G4615XF	91.0**	4.6	1	41
WinField United Seed Armor 48-D25	89.2*	4.8	1	38
AgVenture 49F4X	87.9*	4.9	1	38
WinField United Seed Armor 46-D09	87.5*	4.6	1	39
Dyna-Gro S43XS70	87.0*	4.3	1	40
Asgrow AG46XF0	86.3	4.6	1	40
AgriGold G4813XF	86.2	4.8	1	41
Dyna-Gro S46XS60	85.1	4.6	1	36
Local Seed LS4299XS	83.6	4.2	1	39
Dyna-Gro S48XF61S	83.3	4.8	1	39
WinField United Seed Armor 48-F22	82.9	4.8	1	35
Local Seed LS4795XS	82.6	4.7	1	40
Pioneer P48A60X	82.4	4.9	1	37
AgriGold G4881E3	82.2	4.8	1	37
Pioneer P42A96X	81.8	4.2	1	39
WinField United Seed Armor 48-D03	81.4	4.8	1	43
AgriGold G4900XF	79.9	4.9	1	41
WinField United Seed Armor 44-D49	79.6	4.4	2	42
Dyna-Gro S46XF31S	78.7	4.6	1	44
Delta Grow DG 48F20	78.4	4.8	1	43
Asgrow AG45XF0	78.0	4.5	1	41
USG 7461XTS	77.8	4.6	1	41
WinField United Seed Armor 45-F81	77.4	4.5	3	37
Local Seed LS4806XS	77.2	4.8	1	42
Credenz CZ 4892XF	77.1	4.8	3	41
Local Seed LS4606XFS	76.4	4.6	1	42
Local Seed LS4517XFS	75.7	4.5	1	38
Delta Grow DG 46F17 STS	75.7	4.6	2	42
Local Seed LS5009XS	75.7	5.0	3	46
USG 7489XT	75.0	4.8	1	39
Axis/Mayberry 4942XF	75.0	4.9	1	39
AgVenture 46V6X	74.5	4.6	1	44
Axis Seed / Mayberry Seed Co. 4641XFS	73.6	4.6	1	42
Axis Seed / Mayberry Seed Co. 4001XFS	73.5	4.0	1	42
Asgrow AG40XF0	73.4	4.0	2	37
DONMARIO DM46F62	73.2	4.6	1	42
Local Seed LS4805XFS	73.2	4.8	1	38
Dyna-Gro S48XT90	73.2	4.8	2	41
Delta Grow DG 49F22	73.0	4.9	1	41
Delta Grow DG 54F20	73.0	5.4	1	37

## Campbell — Maturity Group 4 and 5 Southeast Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
Xitavo XO 4681E	72.8	4.6	1	41
Dyna-Gro S46ES91	72.6	4.6	1	41
USG 7461XFS	71.6	4.6	1	44
Axis Seed / Mayberry Seed Co. 4522XF	71.4	4.5	1	37
Local Seed LS4919XFS	71.2	4.9	1	41
USG 7491XFS	71.0	4.9	1	39
WinField United Seed Armor 48-F01	70.8	4.8	2	45
Local Seed LS4415XF	70.7	4.4	1	36
WinField United Seed Armor 46-F13	70.6	4.6	1	42
Credenz CZ 4562XF	70.0	4.5	1	41
Axis Seed / Mayberry Seed Co. 4811XFS	69.6	4.8	1	41
Credenz CZ 4912XF	69.5	4.9	1	46
WinField United Seed Armor 48-E82	68.3	4.8	2	37
Credenz CZ 4202XF	66.3	4.2	3	46
Delta Grow 45E10	66.0	4.5	1	36
USG 7481XF	64.4	4.8	4	42
Local Seed LS3908XFS	64.2	3.9	2	40
Credenz CZ 4742XF	64.0	4.7	1	37
University of Missouri S09-13608C	63.6	4.5	1	36
Axis Seed / Mayberry Seed Co. 3702XF	62.7	3.7	4	39
Delta Grow DG 48E49 STS	62.4	4.8	1	37
Xitavo XO 4371E	62.2	4.3	2	32
WinField United Seed Armor 47-E03	61.8	4.7	1	33
University of Missouri S16-15170C	61.0	5.3	1	36
University of Missouri S16-7922C	60.9	4.9	3	35
Credenz CZ 5282XF	60.9	5.2	2	50
Stine 40EB22	60.7	4.0	2	36
University of Arkansas UA54i19GT	60.5	5.4	1	37
Stine 41EB32	60.2	4.1	1	32
Virtue V4921S	58.9	4.9	1	35
AgriGold G3957E3	58.1	3.9	1	29
University of Arkansas R16-253	56.4	4.6	1	36
Delta Grow DG 48E59	55.7	4.8	1	33
University of Arkansas UA46i20C	55.5	4.6	3	41
Stine 43EB20	54.8	4.3	1	33
Local Seed LS4707XF	54.2	4.7	4	44
MCIA S16-14730C	53.5	4.7	1	39
DONMARIO DM46E62	51.9	4.6	4	32
University of Arkansas R15-1587	51.0	5.0	2	36
Dyna-Gro S45ES10	51.0	4.5	2	33
Delta Grow DG 46E10	49.2	4.6	2	33

## Campbell — Maturity Group 4 and 5 Southeast Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
University of Arkansas R15-2422	48.2	4.7	2	33
Brevant B400EE	37.9	4.0	1	28
<b>Mean</b>	<b>70.3</b>		<b>2</b>	<b>39</b>
<b>LSD (10%)</b>	<b>4.2</b>			
<b>CV (%)</b>	<b>5.7</b>			

\*\* Highest yielding variety in test

\* Yield not significantly less than the highest yielding variety in the test

+ MG provided by seed company

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

## SOUTHEAST REGION

### Charleston — Maturity Group 4 and 5

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
USG 7461XFS	87.9**	4.6	1	37
Local Seed LS4795XS	86.8*	4.7	1	32
Pioneer P48A60X	86.8*	4.8	1	33
AgriGold G4615XF	86.7*	4.6	1	37
AgVenture 49F4X	86.1*	4.9	1	32
Dyna-Gro S46XF31S	86.0*	4.6	1	32
WinField United Seed Armor 44-D49	85.9*	4.4	1	34
Local Seed LS4806XS	85.9*	4.8	1	36
Axis Seed / Mayberry Seed Co. 4522XF	85.8*	4.5	1	32
USG 7461XTS	85.5*	4.6	1	36
WinField United Seed Armor 46-F13	85.4*	4.6	1	36
WinField United Seed Armor 48-D25	85.3*	4.8	1	36
WinField United Seed Armor 46-D09	84.2	4.8	1	36
Local Seed LS4415XF	84.1	4.4	1	34
Local Seed LS5009XS	83.3	5.0	1	40
WinField United Seed Armor 48-D03	83.1	4.8	1	35
Local Seed LS4606XFS	81.6	4.6	1	36
Dyna-Gro S46XS60	81.3	4.6	1	30
Axis Seed / Mayberry Seed Co. 4641XFS	81.2	4.6	1	36
AgVenture 46V6X	81.2	4.6	1	34
Dyna-Gro S43XS70	80.8	4.3	1	32
Delta Grow DG 48F20	80.3	4.8	1	35
Local Seed LS4805XFS	79.9	4.8	1	31
Asgrow AG46XF0	79.8	4.6	1	36
AgriGold G4813XF	79.3	4.8	1	31
USG 7489XT	77.8	4.8	1	36
WinField United Seed Armor 48-F22	77.8	4.8	1	37
Dyna-Gro S48XT90	77.7	4.8	1	36
Axis/Mayberry 4942XF	77.5	4.9	1	36
Axis Seed / Mayberry Seed Co. 4811XFS	77.1	4.8	1	36
Local Seed LS4919XFS	76.6	4.9	1	36
AgriGold G4900XF	76.6	4.9	1	36
WinField United Seed Armor 45-F81	76.6	4.5	1	33
USG 7481XF	76.4	4.8	1	32
Local Seed LS4517XFS	76.1	4.5	1	34
Local Seed LS4299XS	75.3	4.2	1	36
Axis Seed / Mayberry Seed Co. 4001XFS	75.2	4.0	1	37
DONMARIO DM46F62	74.9	4.6	1	38
Delta Grow DG 49F22	74.5	4.9	1	37
Pioneer P42A96X	74.5	4.2	1	32



## Campbell — Maturity Group 4 and 5 Southeast Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
Local Seed LS4707XF	73.6	4.7	1	35
Asgrow AG45XF0	73.6	4.5	1	32
Dyna-Gro S45ES10	72.9	4.5	1	27
Dyna-Gro S48XF61S	72.7	4.8	1	30
University of Missouri S09-13608C	72.0	4.5	1	30
USG 7491XFS	71.9	4.9	1	35
Delta Grow DG 54F20	71.9	5.4	1	30
Virtue V4921S	71.3	4.9	1	29
AgriGold G4881E3	71.1	4.8	1	34
University of Arkansas R15-1587	71.0	5.0	1	34
Credenz CZ 4912XF	70.4	4.9	1	43
Local Seed LS3908XFS	70.1	3.9	1	32
Delta Grow DG 46F17 STS	69.3	4.6	1	36
Credenz CZ 4892XF	69.0	4.8	1	37
WinField United Seed Armor 48-F01	69.0	4.8	1	37
Credenz CZ 4562XF	68.9	4.5	1	35
Dyna-Gro S46ES91	68.8	4.6	1	29
University of Arkansas R16-253	68.2	4.6	1	31
Credenz CZ 5282XF	68.1	5.2	2	50
Delta Grow 45E10	67.9	4.5	1	25
WinField United Seed Armor 47-E03	67.9	4.7	1	29
Asgrow AG40XF0	67.7	4.0	1	30
Delta Grow DG 46E10	67.4	4.6	1	27
Xitavo XO 4681E	66.8	4.6	1	32
Stine 41EB32	65.3	4.1	1	23
Credenz CZ 4742XF	64.8	4.7	1	40
Credenz CZ 4202XF	64.2	4.2	1	40
University of Arkansas UA54i19GT	63.7	5.4	1	29
University of Arkansas UA46i20C	62.8	4.6	1	29
Stine 40EB22	62.8	4.0	1	28
MCIA S16-14730C	61.8	4.7	1	27
University of Arkansas R15-2422	61.8	4.7	1	29
WinField United Seed Armor 48-E82	61.2	4.8	1	30
AgriGold G3957E3	60.9	3.9	1	24
Delta Grow DG 48E49 STS	60.7	4.8	1	23
University of Missouri S16-7922C	60.2	4.9	1	29
DONMARIO DM46E62	59.5	4.6	1	25
Delta Grow DG 48E59	58.7	4.8	1	27
Stine 43EB20	57.0	4.3	1	25
University of Missouri S16-15170C	56.4	5.3	1	23
Xitavo XO 4371E	54.9	4.3	1	29

## Campbell — Maturity Group 4 and 5 Southeast Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
Brevant B400EE	54.2	4.0	1	23
Axis Seed / Mayberry Seed Co. 3702XF	52.2	3.7	2	36
<b>Mean</b>	<b>73.1</b>		<b>1</b>	<b>33</b>
<b>LSD (10%)</b>	<b>3.3</b>			
<b>CV (%)</b>	<b>4.3</b>			

\*\* Highest yielding variety in test

\* Yield not significantly less than the highest yielding variety in the test

+ MG provided by seed company

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

## SOUTHEAST REGION

### Dexter — Maturity Group 4 and 5

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
AgriGold G4615XF	104.2**	4.6	2	49
Local Seed LS4606XFS	104.1*	4.6	1	47
Pioneer P42A96X	96.4	4.2	2	41
Asgrow AG46XF0	95.6	4.6	1	47
Dyna-Gro S46XF31S	94.9	4.6	1	45
Dyna-Gro S43XS70	93.9	4.3	3	49
Dyna-Gro S48XF61S	92.0	4.8	1	40
Local Seed LS4806XS	91.9	4.8	2	47
WinField United Seed Armor 48-D25	91.7	4.8	1	49
WinField United Seed Armor 46-D09	90.5	4.6	3	49
AgriGold G4881E3	89.1	4.8	3	41
WinField United Seed Armor 48-F22	88.9	4.8	1	47
WinField United Seed Armor 44-D49	88.5	4.4	3	48
USG 7491XFS	88.1	4.9	1	45
USG 7461XTS	87.6	4.6	2	47
Local Seed LS4415XF	87.5	4.4	2	43
Asgrow AG45XF0	87.4	4.5	3	38
DONMARIO DM46F62	87.1	4.6	3	44
Local Seed LS4805XFS	85.7	4.8	2	47
USG 7489XT	85.0	4.8	1	41
AgVenture 49F4X	85.0	4.9	1	41
AgriGold G4813XF	83.9	4.8	1	48
Dyna-Gro S46XS60	83.5	4.6	1	44
Local Seed LS3908XFS	82.6	3.9	2	42
WinField United Seed Armor 46-F13	82.2	4.6	3	49
Delta Grow DG 48F20	82.1	4.8	2	46
Axis Seed / Mayberry Seed Co. 4811XFS	81.7	4.8	3	49
USG 7461XFS	81.7	4.6	4	50
Axis Seed / Mayberry Seed Co. 4641XFS	80.0	4.6	2	52
USG 7481XF	79.4	4.8	2	46
Local Seed LS4795XS	78.1	4.7	2	44
AgVenture 46V6X	77.0	4.6	2	47
AgriGold G4900XF	76.8	4.9	4	42
Delta Grow DG 54F20	76.5	5.4	2	45
Credenz CZ 4892XF	76.4	4.8	3	45
Axis Seed / Mayberry Seed Co. 4522XF	76.3	4.5	2	39
Pioneer P48A60X	76.3	4.9	2	41
WinField United Seed Armor 48-D03	76.1	4.8	2	45
Asgrow AG40XF0	76.1	4.0	2	37
WinField United Seed Armor 48-F01	75.7	4.8	3	45

## Dexter — Maturity Group 4 and 5 Southeast Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
Axis Seed / Mayberry Seed Co. 4001XFS	75.6	4.0	3	55
WinField United Seed Armor 45-F81	75.2	4.5	4	42
Axis/Mayberry 4942XF	74.4	4.9	4	44
Dyna-Gro S48XT90	73.6	4.8	4	49
Axis Seed / Mayberry Seed Co. 3702XF	73.5	3.7	5	42
Local Seed LS4299XS	70.9	4.2	3	42
University of Missouri S16-15170C	70.5	5.3	3	41
Local Seed LS5009XS	70.0	5.0	4	44
Delta Grow DG 46F17 STS	67.1	4.6	3	45
Credenz CZ 4202XF	66.9	4.2	5	47
Credenz CZ 4562XF	66.5	4.5	2	47
Local Seed LS4517XFS	65.7	4.5	4	49
Stine 41EB32	64.8	4.1	4	29
Local Seed LS4919XFS	64.4	4.9	4	43
Credenz CZ 4912XF	63.3	4.9	2	49
Credenz CZ 5282XF	61.7	5.2	2	59
Local Seed LS4707XF	58.2	4.7	3	47
Xitavo XO 4371E	58.0	4.3	3	35
Delta Grow DG 46E10	57.6	4.6	3	36
WinField United Seed Armor 47-E03	57.5	4.7	4	28
University of Arkansas UA46i20C	56.6	4.6	3	38
Delta Grow DG 49F22	56.4	4.9	4	39
University of Missouri S09-13608C	55.2	4.5	5	41
Delta Grow DG 48E59	54.9	4.8	2	33
Stine 43EB20	54.2	4.3	3	36
University of Arkansas R15-1587	54.0	5.0	1	33
Dyna-Gro S45ES10	53.4	4.5	4	38
Xitavo XO 4681E	52.9	4.6	2	41
University of Arkansas R16-253	52.1	4.6	3	38
Delta Grow 45E10	52.0	4.5	3	36
University of Missouri S16-7922C	51.6	4.9	3	37
Dyna-Gro S46ES91	50.5	4.6	4	40
Delta Grow DG 48E49 STS	50.4	4.8	2	31
AgriGold G3957E3	49.9	3.9	5	30
MCIA S16-14730C	49.3	4.7	3	38
Credenz CZ 4742XF	48.9	4.7	3	40
Brevant B400EE	45.2	4.0	2	27
Virtue V4921S	41.6	4.9	4	39
WinField United Seed Armor 48-E82	40.0	4.8	4	40
University of Arkansas UA54i19GT	37.9	5.4	4	43
DONMARIO DM46E62	37.8	4.6	5	35

## Dexter — Maturity Group 4 and 5 Southeast Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
Stine 40EB22	35.9	4.0	4	37
University of Arkansas R15-2422	32.6	4.7	5	36
<b>Mean</b>	<b>70.6</b>		<b>3</b>	<b>43</b>
<b>LSD (10%)</b>	<b>5.7</b>			
<b>CV (%)</b>	<b>7.6</b>			

\*\* Highest yielding variety in test

\* Yield not significantly less than the highest yielding variety in the test

+ MG provided by seed company

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

## SOUTHEAST REGION

### Fisk — Maturity Group 4 and 5

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
WinField United Seed Armor 48-F22	98.1**	4.8	2	41
Local Seed LS4806XS	97.4*	4.8	1	44
Local Seed LS4795XS	97.2*	4.7	2	43
Dyna-Gro S46XF31S	96.3*	4.6	2	45
Dyna-Gro S43XS70	96.0*	4.3	1	43
USG 7461XTS	95.3*	4.6	1	47
WinField United Seed Armor 44-D49	95.1*	4.4	2	45
Dyna-Gro S46XS60	94.7	4.6	1	41
WinField United Seed Armor 46-D09	93.7	4.6	2	36
AgriGold G4813XF	93.7	4.8	2	40
Axis Seed / Mayberry Seed Co. 4811XFS	93.5	4.8	1	45
Axis Seed / Mayberry Seed Co. 4641XFS	93.4	4.6	2	44
Pioneer P48A60X	92.5	4.9	1	41
Delta Grow DG 49F22	92.4	4.9	3	44
Local Seed LS4299XS	92.0	4.2	2	41
WinField United Seed Armor 48-D25	91.6	4.8	2	41
WinField United Seed Armor 46-F13	91.6	4.6	2	33
AgVenture 49F4X	91.5	4.9	2	43
USG 7461XFS	91.3	4.6	2	48
Axis Seed / Mayberry Seed Co. 4522XF	91.2	4.5	2	41
Local Seed LS4606XFS	89.7	4.6	2	47
USG 7489XT	89.2	4.8	1	42
Local Seed LS4517XFS	88.8	4.5	2	38
Local Seed LS3908XFS	88.3	3.9	2	41
Asgrow AG46XF0	88.2	4.6	2	44
Delta Grow DG 48F20	87.4	4.8	2	41
Axis Seed / Mayberry Seed Co. 4001XFS	87.2	4.0	2	46
Axis/Mayberry 4942XF	87.2	4.9	2	45
Local Seed LS4919XFS	87.0	4.9	2	38
WinField United Seed Armor 48-D03	86.7	4.8	2	42
Pioneer P42A96X	86.3	4.2	1	33
Local Seed LS4415XF	86.2	4.4	2	37
Dyna-Gro S48XF61S	85.7	4.8	2	42
Asgrow AG45XF0	84.7	4.5	2	46
AgriGold G4615XF	84.1	4.6	2	45
Xitavo XO 4371E	84.0	4.3	2	37
AgriGold G4900XF	84.0	4.9	2	42
Local Seed LS5009XS	83.9	5.0	3	51
Delta Grow DG 46F17 STS	82.9	4.6	2	46
Dyna-Gro S48XT90	82.0	4.8	2	41

## Fisk — Maturity Group 4 and 5 Southeast Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
Dyna-Gro S45ES10	81.9	4.5	1	36
Credenz CZ 4562XF	81.8	4.5	3	46
Delta Grow DG 54F20	80.9	5.4	2	35
Local Seed LS4805XFS	80.6	4.8	2	41
Asgrow AG40XF0	80.1	4.0	3	37
USG 7491XFS	79.9	4.9	1	38
AgVenture 46V6X	79.9	4.6	2	46
DONMARIO DM46F62	78.3	4.6	2	47
WinField United Seed Armor 48-F01	77.5	4.8	2	46
WinField United Seed Armor 45-F81	77.3	4.5	2	42
WinField United Seed Armor 47-E03	76.7	4.7	2	36
Xitavo XO 4681E	76.3	4.6	1	42
Credenz CZ 4912XF	74.3	4.9	2	59
Local Seed LS4707XF	74.2	4.7	3	39
Stine 40EB22	73.9	4.0	2	33
Dyna-Gro S46ES91	73.8	4.6	2	42
University of Arkansas R16-253	73.6	4.6	2	40
University of Arkansas R15-1587	72.7	5.0	1	28
University of Missouri S16-15170C	72.3	5.3	1	44
Delta Grow 45E10	72.3	4.5	1	32
Credenz CZ 4202XF	72.0	4.2	3	48
AgriGold G4881E3	71.9	4.8	2	35
AgriGold G3957E3	71.9	3.9	2	26
University of Missouri S09-13608C	71.7	4.5	2	36
Delta Grow DG 48E59	71.4	4.8	2	35
Delta Grow DG 46E10	71.2	4.6	2	35
Delta Grow DG 48E49 STS	70.3	4.8	1	39
Virtue V4921S	70.2	4.9	2	34
Axis Seed / Mayberry Seed Co. 3702XF	69.6	3.7	4	44
USG 7481XF	69.5	4.8	3	46
Stine 43EB20	69.1	4.3	3	36
Credenz CZ 5282XF	69.1	5.2	2	56
University of Missouri S16-7922C	68.7	4.9	2	32
Credenz CZ 4892XF	68.7	4.8	2	39
MCIA S16-14730C	68.5	4.7	2	44
University of Arkansas UA46i20C	66.5	4.6	1	36
Stine 41EB32	65.7	4.1	2	32
Credenz CZ 4742XF	64.8	4.7	3	40
University of Arkansas UA54i19GT	63.9	5.4	2	43
DONMARIO DM46E62	63.7	4.6	3	28
WinField United Seed Armor 48-E82	62.1	4.8	2	40

## Fisk — Maturity Group 4 and 5 Southeast Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
University of Arkansas R15-2422	46.9	4.7	4	42
Brevant B400EE	46.9	4.0	1	28
<b>Mean</b>	<b>80.3</b>		<b>2</b>	<b>41</b>
<b>LSD (10%)</b>	<b>3.1</b>			
<b>CV (%)</b>	<b>3.7</b>			

\*\* Highest yielding variety in test

\* Yield not significantly less than the highest yielding variety in the test

+ MG provided by seed company

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.



## SOUTHEAST REGION

### Portageville — Maturity Group 4 and 5

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
Pioneer P48A60X	92.4**	4.9	1	42
AgriGold G4615XF	91.3*	4.6	1	45
WinField United Seed Armor 46-F13	90.5*	4.6	1	44
Dyna-Gro S43XS70	90.2*	4.3	1	36
Local Seed LS4795XS	89.9*	4.7	1	41
USG 7461XTS	89.2*	4.6	1	40
AgriGold G4813XF	88.7*	4.8	1	37
Local Seed LS5009XS	88.6*	5.0	1	50
Dyna-Gro S48XT90	88.3	4.8	1	46
Local Seed LS4606XFS	87.6	4.6	1	42
AgVenture 49F4X	87.4	4.9	1	44
Local Seed LS4805XFS	87.2	4.8	1	40
WinField United Seed Armor 44-D49	87.1	4.4	1	41
Asgrow AG46XF0	87.1	4.6	1	44
USG 7461XFS	87.0	4.6	1	42
WinField United Seed Armor 48-D25	86.8	4.8	1	40
WinField United Seed Armor 46-D09	86.3	4.6	1	42
WinField United Seed Armor 45-F81	85.9	4.5	1	38
Delta Grow DG 54F20	85.8	5.4	1	34
Axis Seed / Mayberry Seed Co. 4522XF	84.8	4.5	1	41
WinField United Seed Armor 48-F22	84.8	4.8	1	38
USG 7481XF	84.6	4.8	1	43
DONMARIO DM46F62	84.3	4.6	1	45
Local Seed LS4806XS	84.0	4.8	1	39
Local Seed LS4299XS	83.6	4.2	1	37
Delta Grow DG 46F17 STS	83.2	4.6	1	41
Local Seed LS4919XFS	82.8	4.9	1	41
Pioneer P42A96X	82.3	4.2	1	41
Dyna-Gro S46XF31S	81.3	4.6	1	36
Axis Seed / Mayberry Seed Co. 4641XFS	81.2	4.6	1	44
AgVenture 46V6X	80.9	4.6	1	46
Local Seed LS4707XF	80.8	4.7	1	42
WinField United Seed Armor 48-D03	79.8	4.8	2	45
Axis Seed / Mayberry Seed Co. 4811XFS	79.6	4.8	1	40
Local Seed LS4517XFS	79.6	4.5	1	44
WinField United Seed Armor 48-F01	78.6	4.8	1	43
Local Seed LS4415XF	78.4	4.4	1	33
Dyna-Gro S46XS60	78.2	4.6	1	41
Credenz CZ 5282XF	77.8	5.2	1	55
Axis/Mayberry 4942XF	76.5	4.9	1	41

## Portageville — Maturity Group 4 and 5 Southeast Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
WinField United Seed Armor 48-E82	76.4	4.8	2	37
Credenz CZ 4912XF	76.3	4.9	1	54
Dyna-Gro S45ES10	76.3	4.5	1	36
Delta Grow 45E10	76.2	4.5	1	36
USG 7491XFS	76.0	4.9	1	42
Local Seed LS3908XFS	75.2	3.9	1	44
Dyna-Gro S48XF61S	74.8	4.8	1	42
USG 7489XT	74.5	4.8	1	41
Delta Grow DG 48F20	74.5	4.8	1	38
Delta Grow DG 49F22	73.8	4.9	1	38
Stine 40EB22	73.8	4.0	1	37
MCIA S16-14730C	73.2	4.7	1	36
Credenz CZ 4562XF	73.2	4.5	1	45
Xitavo XO 4681E	72.5	4.6	1	42
Axis Seed / Mayberry Seed Co. 4001XFS	71.8	4.0	1	44
AgriGold G4900XF	70.9	4.9	1	37
Credenz CZ 4742XF	70.5	4.7	2	42
Credenz CZ 4892XF	70.5	4.8	1	42
University of Missouri S16-15170C	70.2	5.3	1	42
Virtue V4921S	70.0	4.9	1	40
Delta Grow DG 48E59	69.4	4.8	1	35
Stine 43EB20	69.1	4.3	1	34
Asgrow AG45XF0	68.7	4.5	2	39
AgriGold G4881E3	68.3	4.8	1	32
Asgrow AG40XF0	68.0	4.0	2	37
Stine 41EB32	67.1	4.1	2	36
WinField United Seed Armor 47-E03	67.1	4.7	1	41
University of Missouri S09-13608C	66.5	4.5	1	37
Axis Seed / Mayberry Seed Co. 3702XF	65.8	3.7	3	39
University of Missouri S16-7922C	65.7	4.9	1	33
University of Arkansas R15-1587	65.6	5.0	1	30
Delta Grow DG 48E49 STS	65.5	4.8	1	38
Delta Grow DG 46E10	64.4	4.6	1	35
Dyna-Gro S46ES91	64.3	4.6	1	41
Credenz CZ 4202XF	63.9	4.2	2	42
Xitavo XO 4371E	62.6	4.3	1	36
AgriGold G3957E3	62.5	3.9	1	30
DONMARIO DM46E62	62.0	4.6	3	37
University of Arkansas UA46i20C	61.6	4.6	1	44
University of Arkansas R16-253	56.1	4.6	2	37
University of Arkansas UA54i19GT	55.1	5.4	1	44
Brevant B400EE	52.9	4.0	1	27

## Portageville — Maturity Group 4 and 5 Southeast Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity group+	Lodging ~(1-5)	Height (inches)
University of Arkansas R15-2422	40.8	4.7	3	37
<b>Mean</b>	<b>76.0</b>		<b>1</b>	<b>40</b>
<b>LSD (10%)</b>	<b>3.9</b>			
<b>CV (%)</b>	<b>4.9</b>			

\*\* Highest yielding variety in test

\* Yield not significantly less than the highest yielding variety in the test

+ MG provided by seed company

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

## SOUTHEAST REGION

### Summary — Maturity Group 4 and 5

Brand-Variety	Campbell (bu/ac)	Charleston (bu/ac)	Dexter (bu/ac)	Fisk (bu/ac)	Mean (bu/ac)
AgriGold G4615XF	91.0**	86.7*	104.2**	84.1	91.5**
WinField United Seed Armor 48-D25	89.2*	85.3*	91.7	91.6	89.5*
Dyna-Gro S43XS70	87.0*	80.8	93.9	96.0*	89.4*
WinField United Seed Armor 46-D09	87.5*	84.2	90.5	93.7	89.0*
Dyna-Gro S46XF31S	78.7	86.0*	94.9	96.3*	89.0*
Local Seed LS4806XS	77.2	85.9*	91.9	97.4*	88.1
Local Seed LS4606XFS	76.4	81.6	104.1*	89.7	87.9
AgVenture 49F4X	87.9*	86.1*	85.0	91.5	87.6
Asgrow AG46XF0	86.3	79.8	95.6	88.2	87.5
WinField United Seed Armor 44-D49	79.6	85.9*	88.5	95.1*	87.3
WinField United Seed Armor 48-F22	82.9	77.8	88.9	98.1**	86.9
USG 7461XTS	77.8	85.5*	87.6	95.3*	86.5
Local Seed LS4795XS	82.6	86.8*	78.1	97.2*	86.2
Dyna-Gro S46XS60	85.1	81.3	83.5	94.7	86.2
AgriGold G4813XF	86.2	79.3	83.9	93.7	85.8
Pioneer P42A96X	81.8	74.5	96.4	86.3	84.7
Pioneer P48A60X	82.4	86.8*	76.3	92.5	84.5
Dyna-Gro S48XF61S	83.3	72.7	92.0	85.7	83.4
USG 7461XFS	71.6	87.9**	81.7	91.3	83.1
WinField United Seed Armor 46-F13	70.6	85.4*	82.2	91.6	82.4
Local Seed LS4415XF	70.7	84.1	87.5	86.2	82.1
Axis Seed / Mayberry Seed Co. 4641XFS	73.6	81.2	80.0	93.4	82.1
Delta Grow DG 48F20	78.4	80.3	82.1	87.4	82.1
WinField United Seed Armor 48-D03	81.4	83.1	76.1	86.7	81.8
USG 7489XT	75.0	77.8	85.0	89.2	81.8
Axis Seed / Mayberry Seed Co. 4522XF	71.4	85.8*	76.3	91.2	81.2
Asgrow AG45XF0	78.0	73.6	87.4	84.7	80.9
Local Seed LS4299XS	83.6	75.3	70.9	92.0	80.5
Axis Seed / Mayberry Seed Co. 4811XFS	69.6	77.1	81.7	93.5	80.5
Local Seed LS4805XFS	73.2	79.9	85.7	80.6	79.9
AgriGold G4900XF	79.9	76.6	76.8	84.0	79.3
AgriGold G4881E3	82.2	71.1	89.1	71.9	78.6
Axis/Mayberry 4942XF	75.0	77.5	74.4	87.2	78.5
DONMARIO DM46F62	73.2	74.9	87.1	78.3	78.4
Local Seed LS5009XS	75.7	83.3	70.0	83.9	78.2
AgVenture 46V6X	74.5	81.2	77.0	79.9	78.2
Axis Seed / Mayberry Seed Co. 4001XFS	73.5	75.2	75.6	87.2	77.9
USG 7491XFS	71.0	71.9	88.1	79.9	77.7
Dyna-Gro S48XT90	73.2	77.7	73.6	82.0	76.6
WinField United Seed Armor 45-F81	77.4	76.6	75.2	77.3	76.6
Local Seed LS4517XFS	75.7	76.1	65.7	88.8	76.6

## Summary — Maturity Group 4 and 5 Southeast Region (continued)

Brand-Variety	Campbell (bu/ac)	Charleston (bu/ac)	Dexter (bu/ac)	Fisk (bu/ac)	Mean (bu/ac)
Local Seed LS3908XFS	64.2	70.1	82.6	88.3	76.3
Delta Grow DG 54F20	73.0	71.9	76.5	80.9	75.6
Local Seed LS4919XFS	71.2	76.6	64.4	87.0	74.8
Asgrow AG40XF0	73.4	67.7	76.1	80.1	74.3
Delta Grow DG 49F22	73.0	74.5	56.4	92.4	74.1
Delta Grow DG 46F17 STS	75.7	69.3	67.1	82.9	73.8
WinField United Seed Armor 48-F01	70.8	69.0	75.7	77.5	73.2
Credenz CZ 4892XF	77.1	69.0	76.4	68.7	72.8
USG 7481XF	64.4	76.4	79.4	69.5	72.4
Credenz CZ 4562XF	70.0	68.9	66.5	81.8	71.8
Credenz CZ 4912XF	69.5	70.4	63.3	74.3	69.4
Credenz CZ 4202XF	66.3	64.2	66.9	72.0	67.3
Xitavo XO 4681E	72.8	66.8	52.9	76.3	67.2
Dyna-Gro S46ES91	72.6	68.8	50.5	73.8	66.4
WinField United Seed Armor 47-E03	61.8	67.9	57.5	76.7	66.0
University of Missouri S09-13608C	63.6	72.0	55.2	71.7	65.6
University of Missouri S16-15170C	61.0	56.4	70.5	72.3	65.1
Local Seed LS4707XF	54.2	73.6	58.2	74.2	65.1
Credenz CZ 5282XF	60.9	68.1	61.7	69.1	65.0
Dyna-Gro S45ES10	51.0	72.9	53.4	81.9	64.8
Xitavo XO 4371E	62.2	54.9	58.0	84.0	64.8
Delta Grow 45E10	66.0	67.9	52.0	72.3	64.6
Axis Seed / Mayberry Seed Co. 3702XF	62.7	52.2	73.5	69.6	64.5
Stine 41EB32	60.2	65.3	64.8	65.7	64.0
University of Arkansas R16-253	56.4	68.2	52.1	73.6	62.6
University of Arkansas R15-1587	51.0	71.0	54.0	72.7	62.2
Delta Grow DG 46E10	49.2	67.4	57.6	71.2	61.3
Delta Grow DG 48E49 STS	62.4	60.7	50.4	70.3	61.0
Credenz CZ 4742XF	64.0	64.8	48.9	64.8	60.6
Virtue V4921S	58.9	71.3	41.6	70.2	60.5
University of Missouri S16-7922C	60.9	60.2	51.6	68.7	60.4
University of Arkansas UA46i20C	55.5	62.8	56.6	66.5	60.4
AgriGold G3957E3	58.1	60.9	49.9	71.9	60.2
Delta Grow DG 48E59	55.7	58.7	54.9	71.4	60.2
Stine 43EB20	54.8	57.0	54.2	69.1	58.8
Stine 40EB22	60.7	62.8	35.9	73.9	58.3
MCIA S16-14730C	53.5	61.8	49.3	68.5	58.3
WinField United Seed Armor 48-E82	68.3	61.2	40.0	62.1	57.9
University of Arkansas UA54i19GT	60.5	63.7	37.9	63.9	56.5
DONMARIO DM46E62	51.9	59.5	37.8	63.7	53.2
University of Arkansas R15-2422	48.2	61.8	32.6	46.9	47.4
Brevant B400EE	37.9	54.2	45.2	46.9	46.1

## Summary — Maturity Group 4 and 5 Southeast Region (continued)

Brand-Variety	Campbell (bu/ac)	Charleston (bu/ac)	Dexter (bu/ac)	Fisk (bu/ac)	Mean (bu/ac)
<b>Mean</b>	<b>70.3</b>	<b>73.1</b>	<b>70.6</b>	<b>80.3</b>	<b>73.6</b>
<b>LSD (10%)</b>	<b>4.2</b>	<b>3.3</b>	<b>5.7</b>	<b>3.1</b>	<b>3.2</b>
<b>CV (%)</b>	<b>5.7</b>	<b>4.3</b>	<b>7.6</b>	<b>3.7</b>	<b>5.4</b>

\*\* Highest yielding variety in test

\* Yield not significantly less than the highest yielding variety in the test

## CHARACTERISTICS FOR SOYBEAN VARIETIES

All information in this table was provided by the seed companies. The MU Variety Testing Program does not guarantee accuracy. Please contact seed dealers for the latest information. N/I means information was unavailable.

Variety	MG <sup>1</sup>	Seed treatment <sup>2</sup>	SCN Source <sup>3</sup>	Herb tech <sup>4</sup>
AgriGold G3957E3	3.9	AgriShield + Saltro	PI88788	E3
AgriGold G4615XF	4.6	AgriShield + Saltro	PI88788	XF
AgriGold G4813XF	4.8	AgriShield + Saltro	PI88788	XF
AgriGold G4881E3	4.8	AgriShield + Saltro	PI88788	E3
AgriGold G4900XF	4.9	AgriShield + Saltro	PI88788	XF
AgVenture 38V3E	3.8	Security Seed Treatment	N/I	E3
AgVenture 39V5LL	3.9	Security Seed Treatment	N/I	LL
AgVenture 39V7E	3.9	Security Seed Treatment	N/I	E3
AgVenture 39V8E	3.9	Security Seed Treatment	N/I	E3
AgVenture 40V7E	4.0	Security Seed Treatment	N/I	E3
AgVenture 43V6E	4.3	Security Seed Treatment	N/I	E3
AgVenture 43V8LL	4.3	Security Seed Treatment	N/I	LL
AgVenture 46V2E	4.6	Security Seed Treatment	N/I	E3
AgVenture 46V6X	4.6	Security Seed Treatment	N/I	RR2X
AgVenture 47V4LL	4.7	Security Seed Treatment	N/I	LL
AgVenture 49F4X	4.9	Security Seed Treatment	N/I	RR2X
APEX AE3220	3.2	Finish plus Saltro	PI88788	E3
APEX AE3420	3.4	Finish plus Saltro	PI88788	E3
APEX AE3500	3.5	Finish plus Saltro	PI88788	E3
APEX AE3610	3.6	Finish plus Saltro	PI88788	E3
APEX AE3900	3.9	Finish plus Saltro	PI88788	E3
APEX AE3920	3.9	Finish plus Saltro	PI88788	E3
APEX AE4120	4.1	Finish plus Saltro	PI88788	E3
APEX AE4310	4.3	Finish plus Saltro	PI88788	E3
APEX AE4510	4.5	Finish plus Saltro	PI88788	E3
Asgrow AG36XF1	3.6	N/I	N/I	XF
Asgrow AG40XF0	4.0	N/I	N/I	XF
Asgrow AG45XF0	4.5	N/I	N/I	XF
Asgrow AG46XF0	4.6	N/I	N/I	XF
Axis Seed / Mayberry Seed Co. 3702XF	3.7	Revolve	Unknown	XF
Axis Seed / Mayberry Seed Co. 4001XFS	4.0	Revolve	Unknown	XF
Axis Seed / Mayberry Seed Co. 4522XF	4.5	Revolve	PI88788	XF
Axis Seed / Mayberry Seed Co. 4641XFS	4.6	Revolve	Unknown	XF
Axis Seed / Mayberry Seed Co. 4811XFS	4.8	N/I	N/I	XF
Axis/Mayberry 4942XF	4.9	N/I	N/I	XF
Brevant B389EE	3.8	N/I	N/I	E3
Brevant B400EE	4.0	N/I	N/I	E3
Credenz CZ 4202XF	4.2	Poncho Votivo Illevo	N/I	XF

## Characteristics for soybean varieties (continued)

Variety	MG <sup>1</sup>	Seed treatment <sup>2</sup>	SCN Source <sup>3</sup>	Herb tech <sup>4</sup>
Credenz CZ 4562XF	4.5	Poncho Votivo Illevo	N/I	XF
Credenz CZ 4742XF	4.7	Poncho Votivo Illevo	N/I	XF
Credenz CZ 4892XF	4.8	Poncho Votivo Illevo	MR3	XF
Credenz CZ 4912XF	4.9	Poncho Votivo Illevo	N/I	XF
Credenz CZ 5282XF	5.2	Poncho Votivo Illevo	N/I	XF
Delta Grow DG 45E10	4.5	N/I	N/I	E3
Delta Grow DG 46E10	4.6	Cruise Maxx Moly	Peking	E3
Delta Grow DG 46F17 STS	4.6	N/I	N/I	N/I
Delta Grow DG 48E49 STS	4.8	Cruise Maxx Moly	PI88788	E3, STS
Delta Grow DG 48E59	4.8	Cruise Maxx Moly	PI88788	E3
Delta Grow DG 48F20	4.8	Cruise Maxx Moly	N/I	N/I
Delta Grow DG 49F22	4.9	Cruise Maxx Moly	N/I	N/I
Delta Grow DG 54F20	5.4	N/I	N/I	N/I
DONMARIO DM3756E	3.7	CruiserMaxx Vibrance	PI88788	E3
DONMARIO DM37C62S	3.7	CruiserMaxx Vibrance	None	Conv
DONMARIO DM37F51	3.7	CruiserMaxx Vibrance	PI88788	XF
DONMARIO DM3932E	3.9	CruiserMaxx Vibrance	PI88788	E3
DONMARIO DM39F62	3.9	CruiserMaxx Vibrance	PI88788	XF
DONMARIO DM40E62	4.0	CruiserMaxx Vibrance	PI88788	E3
DONMARIO DM41C51	4.1	CruiserMaxx Vibrance	None	Conv
DONMARIO DM42F62	4.2	CruiserMaxx Vibrance	PI88788	XF
DONMARIO DM46E62	4.6	CruiserMaxx Vibrance	None	E3
DONMARIO DM46F62	4.6	CruiserMaxx Vibrance	PI88788	XF
Dyna-Gro S43XS70	4.3	Saltro	PI88788	RR2X
Dyna-Gro S45ES10	4.5	Saltro	PI88788	E3
Dyna-Gro S46ES91	4.6	Saltro	PI88788	E3
Dyna-Gro S46XF31S	4.6	Saltro	PI88788	XF
Dyna-Gro S46XS60	4.6	Saltro	PI88788	RR2X
Dyna-Gro S48XF61S	4.8	Saltro	PI88788	XF
Dyna-Gro S48XT90	4.8	Saltro	PI88788	RR2X
FS InVISION 38E90	3.8	Acceleron I + F + Saltro	PI88788	E3
FS InVISION 38F10	3.8	Acceleron I + F + Saltro	PI88788	XF
FS InVISION 39E10	3.9	Acceleron I + F + Saltro	PI88788	E3
FS InVISION 39F10	3.9	Acceleron I + F + Saltro	PI88788	XF
FS InVISION 40F10	4.0	Acceleron I + F + Saltro	PI88788	XF
FS InVISION 42E10	4.2	Acceleron I + F + Saltro	PI88788	E3
FS InVISION 43E00	4.3	Acceleron I + F + Saltro	PI88788	E3
FS InVISION 44F10	4.4	Acceleron I + F + Saltro	PI88788	XF
FS InVISION 45E00	4.5	Acceleron I + F + Saltro	PI88788	E3
Golden Harvest GH3732XF	3.7	CruiserMaxx Vibrance + Saltro	R3	XF
Golden Harvest GH3762E3	3.7	CruiserMaxx Vibrance + Saltro	MR3	E3



## Characteristics for soybean varieties (continued)

Variety	MG <sup>1</sup>	Seed treatment <sup>2</sup>	SCN Source <sup>3</sup>	Herb tech <sup>4</sup>
Golden Harvest GH3902E3	3.9	CruiserMaxx Vibrance + Saltro	R3	E3
Golden Harvest GH3952XF	3.9	CruiserMaxx Vibrance + Saltro	R3	XF
Golden Harvest GH4392XF	4.3	CruiserMaxx Vibrance + Saltro	MR3	XF
Golden Harvest GH4452XF	4.4	CruiserMaxx Vibrance + Saltro	MR3	XF
Local Seed LS3908XFS	3.9	Radius Premium	MR3	XF, STS
Local Seed LS4299XS	4.2	Radius Premium	R3, MR14	RR2X, STS
Local Seed LS4415XF	4.4	Radius Premium	N/I	XF
Local Seed LS4517XFS	4.5	Radius Premium	N/I	XF, STS
Local Seed LS4606XFS	4.6	Radius Premium	R3, MR14	XF STS
Local Seed LS4707XF	4.7	Radius Premium	MR3	XF
Local Seed LS4795XS	4.7	Radius Premium	R3, MR14	RR2X, STS
Local Seed LS4805XFS	4.8	Radius Premium	R3, MR14	XF STS
Local Seed LS4806XS	4.8	Radius Premium	R3, MR14	RR2X, STS
Local Seed LS4919XFS	4.9	Radius Premium	N/I	XF, STS
Local Seed LS5009XS	5.0	Radius Premium	R3, MR14	RR2X, STS
MCIA MO4901D GT	4.9	CruiserMaxx Vibrance	N/I	GT, RR1
MCIA Momentum 36C09	3.6	CruiserMaxx Vibrance	N/I	Conv
MCIA Momentum 39C09	3.9	CruiserMaxx Vibrance	N/I	Conv
MCIA Momentum 46G08	4.6	CruiserMaxx Vibrance	N/I	GT, RR1
MCIA Momentum 48G00	4.8	CruiserMaxx Vibrance	N/I	GT, RR1
MCIA S16-14730C	4.7	CruiserMaxx Vibrance	N/I	Conv
MCIA S16-5540GT	4.6	CruiserMaxx Vibrance	N/I	GT, RR1
Midland Genetics 4412E3S	4.4	Midland EDGE SST	PI88788	E3, STS
Midland Genetics 4422XFS	4.4	Midland EDGE SST	PI88788	XF, STS
Midland Genetics 4602E3S	4.6	Midland EDGE SST	PI88788	E3, STS
Midland Genetics 4621XFS	4.6	Midland EDGE SST	PI88788	XF, STS
Midland Genetics 4821XFS	4.8	Midland EDGE SST	PI88788	XF, STS
Midland Genetics 4880E3S	4.8	Midland EDGE SST	PI88788	E3, STS
Midland Genetics 4922XFS	4.9	Midland EDGE SST	PI88788	XF, STS
NK Seeds NK37-V4E3S	3.7	Cruisermaxx Beans, Vibrance, Saltro	PI88788	XF
NK Seeds NK39-A1XF	3.9	Cruisermaxx Beans, Vibrance, Saltro	PI88788	XF
NK Seeds NK39-T5E3S	3.9	Cruisermaxx Beans, Vibrance, Saltro	PI88788	E3
NK Seeds NK42-T5XF	4.3	Cruisermaxx Beans, Vibrance, Saltro	PI88788	XF
NK Seeds NK43-V8XF	4.3	Cruisermaxx Beans, Vibrance, Saltro	PI88788	E3
NK Seeds NK44-J4XF	4.4	Cruisermaxx Beans, Vibrance, Saltro	PI88788	E3
NK Seeds NK45-V9E3	4.5	Cruisermaxx Beans, Vibrance, Saltro	PI88788	E3
NK Seeds NK49-T6E3S	4.9	Cruisermaxx Beans, Vibrance, Saltro	PI88788	XF
NK Seeds S39-E3	3.9	Cruisermaxx Beans, Vibrance, Saltro	PI88788	E3
Nutech 35N03E	3.5	FTS/IST/NST/ (SCN/SDS)	PI88788	E3
Nutech 37N01E	3.7	FTS/IST/NST/ (SCN/SDS)	PI88788	E3
Nutech 39N04E	3.9	FTS/IST/NST/ (SCN/SDS)	PI88788	E3

## Characteristics for soybean varieties (continued)

Variety	MG <sup>1</sup>	Seed treatment <sup>2</sup>	SCN Source <sup>3</sup>	Herb tech <sup>4</sup>
Nutech 39N05E	3.9	FTS/IST/NST/ (SCN/SDS)	PI88788	E3
Nutech 43N04E	4.3	FTS/IST/NST/ (SCN/SDS)	PI88788	E3
Nutech 45N04E	4.5	FTS/IST/NST/ (SCN/SDS)	PI88788	E3
Nutech 46N02E	4.6	FTS/IST/NST/ (SCN/SDS)	PI88788	E3
Nutech 48N06E	4.8	FTS/IST/NST/ (SCN/SDS)	PI88788	E3
Pioneer P35T15E	3.5	N/I	N/I	E3
Pioneer P39A85X	3.9	N/I	N/I	RR2X
Pioneer P42A96X	4.2	N/I	N/I	RR2X
Pioneer P48A60X	4.8	N/I	N/I	RR2X
Stine 36EA02	3.6	N/I	N/I	N/I
Stine 36EB32	3.6	N/I	N/I	N/I
Stine 37EC20	3.7	N/I	N/I	N/I
Stine 39EA02	3.9	N/I	N/I	N/I
Stine 40EB22	4.0	N/I	N/I	N/I
Stine 41EB32	4.1	N/I	N/I	N/I
Stine 43EB20	4.3	N/I	N/I	N/I
University of Arkansas R15-1587	5.0	Intego Suite + Aveo EZ	None	Conv
University of Arkansas R15-2422	4.7	Intego Suite + Aveo EZ	None	Conv
University of Arkansas R16-253	4.6	Intego Suite + Aveo EZ	None	Conv
University of Arkansas UA46i20C	4.6	Intego Suite + Aveo EZ	None	Conv
University of Arkansas UA54i19GT	5.4	Intego Suite + Aveo EZ	None	Conv
University of Missouri S09-13608C	4.5	Warden CX	N/I	Conv
University of Missouri S16-15170C	5.3	Warden CX	N/I	Conv
University of Missouri S16-7922C	4.9	Warden CX	Peking	Conv
USG 7461XFS	4.6	Ipconazole, Metalaxyl, Imidicloprid	PI88788	XF, STS
USG 7461XTS	4.6	Ipconazole, Metalaxyl, Imidicloprid	PI88788	RR2X, STS
USG 7481XF	4.8	Ipconazole, Metalaxyl, Imidicloprid	PI88788	XF
USG 7489XT	4.8	Ipconazole, Metalaxyl, Imidicloprid	PI88788	RR2X
USG 7491XFS	4.9	Ipconazole, Metalaxyl, Imidicloprid	PI88788	XF, STS
Virtue V4520S	4.5	CruiserMaxx Vibrance	None	Conv
Virtue V4921S	4.9	CruiserMaxx Vibrance	None	Conv
Willcross Seed WX1038NTLL	3.8	CruiserMaxx	PI88788	LLGT27
Willcross Seed WX1748NLL	4.8	CruiserMaxx	PI88788	LL
Willcross Seed WX1839NLL	3.9	CruiserMaxx	PI88788	LL
Willcross Seed WXE8038NS	3.8	CruiserMaxx	PI88788	E3
Willcross Seed WXE8043NS	4.3	CruiserMaxx	PI88788	E3
Willcross Seed WXE8146NS	4.6	CruiserMaxx	PI88788	E3
Willcross Seed WXE8148NS	4.8	CruiserMaxx	PI88788	E3
Willcross Seed WXR7878NS	4.8	CruiserMaxx	PI88788	LL
WinField United Seed Armor 44-D49	4.4	Warden CX	N/I	RR2X
WinField United Seed Armor 45-F81	4.5	Warden CX	N/I	XF

## Characteristics for soybean varieties (continued)

Variety	MG <sup>1</sup>	Seed treatment <sup>2</sup>	SCN Source <sup>3</sup>	Herb tech <sup>4</sup>
WinField United Seed Armor 46-D09	4.6	Warden CX	N/I	RR2X
WinField United Seed Armor 46-F13	4.6	Warden CX	N/I	XF
WinField United Seed Armor 47-E03	4.7	Warden CX	N/I	E3
WinField United Seed Armor 48-D03	4.8	Warden CX	N/I	RR2X
WinField United Seed Armor 48-D25	4.8	Warden CX	N/I	RR2X
WinField United Seed Armor 48-E82	4.8	Warden CX	N/I	E3
WinField United Seed Armor 48-F01	4.8	Warden CX	N/I	XF
WinField United Seed Armor 48-F22	4.8	Warden CX	N/I	XF
Xitavo XO 4371E	4.3	Poncho Votivo Illevo	N/I	E3
Xitavo XO 4681E	4.6	Poncho Votivo Illevo	N/I	E3

<sup>1</sup> MG = Maturity group

<sup>2</sup> Seed treatments were applied by seed companies. Purchased seed may have other seed treatments. Please contact seed dealers and seed labels for more information.

<sup>3</sup> Source of soybean cyst nematode resistance

<sup>4</sup> Herb Tech: Herbicide Technology

<b>Conv</b>	Conventional, no herbicide traits
<b>E3</b>	Enlist E3™
<b>LL</b>	LibertyLink®
<b>GT27</b>	Balance GT + LibertyLink®
<b>RR2X</b>	Roundup Ready 2 Xtend
<b>RR2Y</b>	Roundup Ready 2 Yield
<b>RR1</b>	Roundup Ready
<b>STS</b>	Sulfonylurea tolerance



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