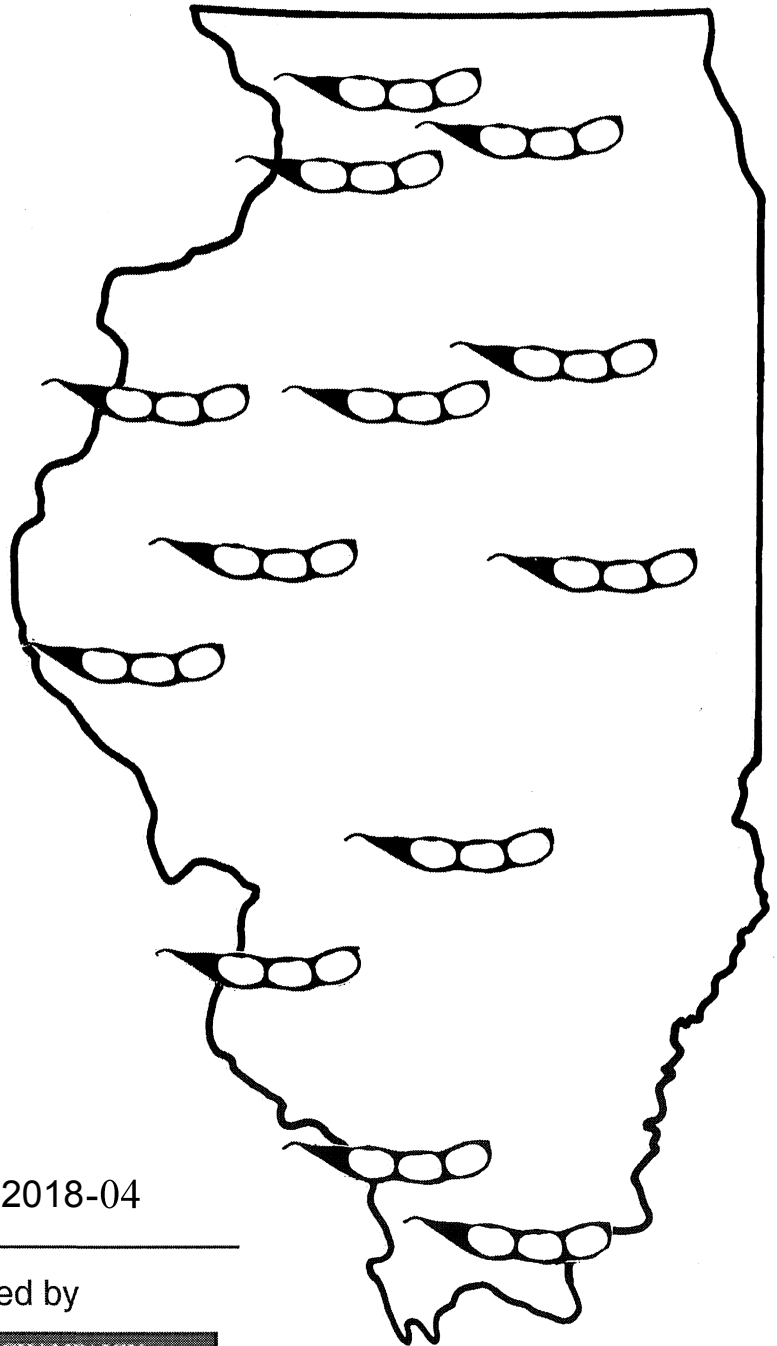


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# Soybean Variety Test Results in Illinois- 2018

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Crop Sciences Special Report 2018-04

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Performance Information Provided by

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN	
<b>Department of Crop Sciences</b>	
<a href="http://vt.cropsci.illinois.edu">http://vt.cropsci.illinois.edu</a>	
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**<http://vt.cropsci.illinois.edu/>**

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## Performance of Commercial Soybeans in Illinois

**THE UNIVERSITY OF ILLINOIS** commercial soybean testing program was started in 1969 as a result of requests by seedsmen that their private varieties be tested. The 2018 trial was made up of 263 varieties consisting of 40 conventional, 54 liberty resistant and 179 roundup resistant varieties from 29 seed companies.

The purpose of this commercial soybean testing program is to provide unbiased, objective, and accurate testing of all varieties entered. The tests are conducted on as uniform a soil as is available in the testing area. Small plots are used to reduce the chance of soil and climatic variations occurring between one variety plot and another.

The results of these tests should help you judge the merits of varieties in comparison with other private and public varieties. Because your soils and management may differ from those of the test location, you may wish to plant variety strips of the higher-performing varieties on your farm. The results printed in this circular should help you decide which varieties to try.

### TEST PROGRAM

**Selection of entries.** Seed companies in Illinois and surrounding states were invited to enter soybean varieties, brands, or blends in the 2018 Illinois soybean performance trials. Entrants were required to enter all non-irrigated, 30-inch-row-width trials on a regional basis. To finance the testing program, a fee of \$90 per location was charged for each variety entered by the seed company. Most of these varieties, brands, or blends are commercially available, but some experimental varieties were also entered.

**Number and location of tests.** In 2018, tests were conducted at 13 locations in the state. These sites represent the major soil and maturity zones of the state.

Non-irrigated, 30-inch-row-width trials conventional, liberty resistant and roundup resistant, were conducted on a regional basis. The regions are as follows:

- Region 1. Fenton, Mt. Morris and DeKalb
- Region 2. Monmouth, Goodfield & Dwight
- Region 3. Quincy, New Berlin and Urbana
- Region 4. St. Peter and Belleville
- Region 5. Elkhartville and Harrisburg

**Field plot design.** Entries of each test were replicated three times in a randomized complete block or alpha lattice design. The 30-inch-row trial plots consisted of four rows, each 21 feet long. The center two rows of each plot were harvested to measure yield.

**Fertility and weed control.** All test locations were at a high level of fertility. Herbicides were used when necessary for weed control. Weed control for all locations consisted of a pre-emergence foundation herbicide followed by trial specific post-emergence application of Roundup, Liberty or conventional herbicide application. Plots were also weeded by hand if needed.

**Method of planting and harvesting.** Plots were planted in 30-inch-row spacing using a modified bean planter at 166,000 ppa. Harvesting was done with a small-plot combine. No allowances were made for soybeans that may have been lost as a result of combining or shattering.

### PERFORMANCE DATA

**Yield.** Soybean yield was measured in bushels (60 pounds) per acre at a moisture content of 13 percent. An electronic moisture monitor was used on the combine for all moisture readings.

**Maturity.** Maturity was stated as the date when approximately 95 percent of the pods were ripe.

**Lodging.** The amount of lodging was rated at harvest time. The following scale was used:

- 1 - Almost all plants erect
- 2 - All plants leaning slightly or a few plants down
- 3 - All plants leaning moderately (45°), or 25 to 50 percent of the plants down
- 4 - All plants leaning considerably, or 50 to 80 percent of the plants down
- 5 - Almost all plants down

**Height.** Height was measured at harvest as the average length of plants from the ground to the tip of the main stem.

**Shattering.** The percentage of open pods was estimated at harvest time. The following scale was used:

- 1 - No shattering
- 2 - 1 to 10% of pods open
- 3 - 10 to 25% of pods open
- 4 - 25 to 50% of pods open
- 5 - Over 50% of pods open

Shattering was not significant at any location.

### SUGGESTIONS FOR COMPARING ENTRIES

It is impossible to obtain an exact measure of performance when conducting any test of plant material. Harvesting efficiency may vary, soils may not be uniform, and many other conditions may produce variability. Results of repeated tests are more reliable than those of a single year or a single strip test. When one variety consistently out yields another at several test locations and over several years of testing, the chances are good that this difference is real and should be considered in selecting a variety. However, yield is not the only indicator. You should also consider maturity, lodging and plant height. As an aid in comparing soybean varieties, brands, and blends within a single trial, certain statistical tests have been devised. One of these tests, the least significant difference (L.S.D.), when used in the manner suggested by Carmer and Swanson<sup>1</sup> is quite simple to apply and is more appropriate than most other tests. When two varieties are compared and the difference between them is greater than the tabulated L.S.D. value, the varieties are judged to be "significantly different."

The L.S.D. is a number expressed in bushels per acre and presented following the average yield for each location. An L.S.D. level of 25% is shown. Find the highest yielding soybean variety within the regional table or single location table of interest, subtract the 25% L.S.D. value from the highest yielding variety, every variety with a greater yield than the resulting number is 'statistically the same' as the highest yielding variety. Consider the merits of the varieties in this group when making varietal selections.

In a study of the frequencies of occurrence of three types of statistical errors and their relative seriousness, Carmer<sup>2</sup> found strong arguments for an optimal significance level in the range  $\alpha = 0.20$  to  $0.40$ , where  $\alpha$  is the Type I statistical error rate for comparisons between means that are really equal. Herein, a value of  $\alpha = 0.25$  is used in computing the

L.S.D. 25 percent level shown in the tables.  
 To make the best use of the information presented in this circular and to avoid any misunderstanding or misrepresentation of it, the reader should consider an additional caution about comparing varieties. Readers who compare varieties in different trials or row spacings should be extremely careful, because no statistical tests are presented for that purpose. Readers should note that the difference between a single varieties performance at one location or row spacing and its performance at another is caused primarily by environmental effects and random variability. Furthermore, the difference between the performance of variety A in one trial or row spacing and the performance of variety B in another trial or row spacing is the result not only of environmental effects and random variability, but of genetic effects as well.

<sup>1</sup>Carmer, S.G. and M.R. Swanson. "An Evaluation of Ten Pairwise Multiple Comparison Procedures by Monte Carlo Methods." *Journal of American Statistical Association* 68:66 74. 1973.

<sup>2</sup>Carmer, S.G. "Optimal Significance Levels for Application of the Least Significant Difference in Crop Performance Trials." *Crop Science* 16:95 99, 1976.

## 2018 SOYBEAN LOCATIONS



## 2018 TEST FIELDS

### Fenton

Location: Mickley Farm, Whiteside County, west of Rock Falls, northwestern Illinois.  
 Cooperators: Ron and Dave Mickley.  
 Soil Type: Coffeen silt loam.  
 Planting Date: May 17<sup>th</sup>.  
 Harvest Date: October 22<sup>nd</sup>.  
 Herbicide: Pre- Authority First, Zidua;  
 Post- FirstRate, Select Maxx.  
 Tillage: fall-Disc/ripper, spring-field cultivate.

### Mt. Morris

Location: Nelson Farm, Ogle County, North of Mt. Morris, north central Illinois.  
 Cooperator: Rick Nelson.  
 Soil type: Muscatine silt loam.  
 Planting Date: May 17<sup>th</sup>.  
 Harvest Date: October 21<sup>st</sup>.  
 Herbicide: Pre-Authority First, Zidua;  
 Post-First Rate, Flexstar, Select Maxx.  
 Tillage: fall- vertical till, spring- field cultivate.

### DeKalb

Location: Drendel Farm, DeKalb County, southwest of DeKalb.  
 Cooperator: Steve Drendel.  
 Soil type: Flanagan silty clay loam.  
 Planting Date: May 18<sup>th</sup>.  
 Harvest Date: October 20<sup>th</sup>.  
 Herbicide: Pre- Boundary;  
 Post-First Rate, Select Maxx.  
 Tillage: fall-chisel, spring- soil finished.

### Monmouth

Location: University of Illinois, Northwestern Illinois Agricultural Research and Demonstration Center, Warren County, northwest of Monmouth.  
 Cooperators: Greg Steckel, agronomist; Martin Johnson, farm foreman.  
 Soil type: Sable silty clay loam.  
 Planting Date: May 17<sup>th</sup>.  
 Harvest Date: October 23<sup>rd</sup>.  
 Herbicide: Pre-Authority First, Zidua;  
 Post-First Rate, Zidua, Select Maxx  
 Tillage: fall-disk-ripper, spring- field cultivate.

### Goodfield

Location: Wurmnest Farm, Woodford County, north of Goodfield, central Illinois.  
 Cooperator: Mike Wurmnest.  
 Soil Type: Ipava silt loam.  
 Planting Date: May 13<sup>th</sup>.  
 Harvest Date: October 4<sup>th</sup>.  
 Herbicide: Pre-Authority First, Zidua;  
 Post-First Rate, Flexstar, Select Maxx.  
 Tillage: fall- Chisel, spring- field cultivate.

### Dwight

Location: Grundy County, Hoffman Farm.  
 Cooperator: Allen Hoffman.  
 Soil type: Reddick silty clay loam.  
 Planting Date: May 18<sup>th</sup>.  
 Harvest Date: October 19<sup>th</sup>.  
 Herbicide: Pre-Authority First, Zidua;  
 Post-First Rate, Flexstar, Select Maxx.  
 Tillage: fall-chisel, spring- field cultivate.

### Quincy

Location: Dedert Farm, Adams county, west central Illinois.  
 Cooperator: David Dedert.  
 Soil type: Edwardsville silt loam.  
 Planting Date: May 10<sup>th</sup>.  
 Harvest Date: October 24<sup>th</sup>.  
 Herbicide: Pre-Authority First, Zidua;  
 Post-First Rate, Select Maxx.  
 Tillage: spring- Disk, Dyna-Drive.

### New Berlin

Location: Bennett Farm, Sangamon County north of New Berlin, Central Illinois.  
 Cooperator: Leahy Bennett.  
 Soil type: Sable silty clay loam.  
 Planting Date: May 11<sup>th</sup>.  
 Harvest Date: October 18<sup>th</sup>.  
 Herbicide: Pre-Authority First, Zidua;  
 Post-First Rate, Flexstar, Select Maxx.  
 Fungicide: Headline AMP (8/1).  
 Tillage: fall-V ripper, spring-vertical finisher.

### Urbana

Location: University of Illinois, Crop Sciences Research & Education Center, Champaign County, east central Illinois.  
 Cooperator: Jeff Warren, farm foreman.  
 Soil type: Flanagan silt loam.  
 Planting Date: May 9<sup>th</sup>.  
 Harvest Date: October 1<sup>st</sup>.  
 Herbicide: Pre-Authority First, Zidua,  
 Post-First Rate, Flexstar, Select Maxx.  
 Tillage: fall-chisel, spring-soil finisher.

### St. Peter

Location: Schwarm Farm, Fayette County, North of St. Peter, south central Illinois.  
 Cooperator: Russ Schwarm and Scott Reynolds.  
 Soil type: Darmstadt silt loam.  
 Planting Date: May 15<sup>th</sup>.  
 Harvest Date: October 8<sup>th</sup>.  
 Herbicide: Pre-Authority MTZ, Prowl H2O;  
 Post- First Rate, Flexstar, Select Maxx.  
 Tillage: fall- chisel plow, spring- field cultivate.

### Belleville

Location: Tiedemann Farm, east of Belleville, St. Clair county.  
 Cooperators: David and Dan Tiedemann.  
 Soil type: Caseyville silt loam.  
 Planting date: May 15<sup>th</sup>.  
 Harvest date: October 9<sup>th</sup> & 25<sup>th</sup>.  
 Herbicides: Pre-Tailwind;  
 Post- First Rate, Flexstar, Select Maxx.  
 Tillage: Spring- field cultivator.

### Elkville

Location: Funk farm, North of Carbondale, Jackson County, extreme southern Illinois.  
 Cooperator: Trent Funk.  
 Soil type: Okaw silt loam.  
 Planted: May 10<sup>th</sup>.  
 Harvest: October 6<sup>th</sup> & 25<sup>th</sup>.  
 Herbicide: Pre-Authority First, Glory;  
 Post- First Rate, Flexstar, Select Maxx.  
 Tillage: fall-chisel, spring-soil finisher.

### Harrisburg

Location: Wintizer farm, Saline County, extreme southern Illinois.  
 Cooperator: Kevin Wintizer.  
 Soil type: Harco silt loam.  
 Planted: May 12<sup>th</sup>.  
 Harvest: October 5<sup>th</sup>.  
 Herbicide: Pre- Authority First, Zidua;  
 Post-First Rate, Select Maxx.  
 Tillage: fall-disk, spring-disk, field cultivate.

## GROWING SEASON RAINFALL

Location	April	May	Jun	July	Aug	Sept	Total
Mt. Morris	1.46	6.38	7.02	5.26	7.29	6.86	<b>34.27</b>
DeKalb	1.63	6.18	7.87	2.99	4.17	4.14	<b>26.98</b>
Fenton	1.53	4.72	8.28	3.48	6.67	6.55	<b>31.23</b>
Monmouth	1.12	2.09	3.44	1.96	4.82	4.78	<b>18.21</b>
New Berlin	1.89	4.02	4.90	4.77	6.02	4.04	<b>25.64</b>
Quincy	0.62	2.69	2.39	3.78	7.39	5.13	<b>22.00</b>
Dwight	1.68	3.23	4.42	1.36	4.59	3.39	<b>18.67</b>
Goodfield	1.97	3.54	4.60	3.47	6.74	2.05	<b>22.37</b>
Urbana	2.26	3.59	8.27	6.95	3.73	5.60	<b>30.40</b>
St. Peter	3.31	3.21	6.74	4.43	6.37	6.64	<b>30.70</b>
Belleville	3.23	5.18	4.90	4.28	6.72	5.60	<b>29.91</b>
Elkville	4.48	5.37	3.85	2.08	4.08	5.78	<b>25.78</b>
Harrisburg	4.30	8.01	4.80	2.56	2.09	5.11	<b>26.87</b>

## SOURCES OF SEED

<b>AGS</b> , Stratton Seed	<a href="http://www.strattonseed.com">www.strattonseed.com</a>
<b>Viking Seed</b> , Albert Lea Seed	<a href="http://www.alseed.com">www.alseed.com</a>
<b>Agventure</b> , Wehmeyer Seed	<a href="http://www.agventure.com">www.agventure.com</a>
<b>Asgrow</b> , Bayer Crop Science	<a href="http://www.aganytime.com">www.aganytime.com</a>
<b>BioGene</b> , Miller Bros Fert.	217-456-8261
<b>Baker</b> , Baker Seed LLC.	<a href="http://www.bakerseed.com">www.bakerseed.com</a>
<b>Credenz</b> , BASF	<a href="http://www.BASF.com">www.BASF.com</a>
<b>Channel</b> , Channel Seed	<a href="http://www.channelseed.com">www.channelseed.com</a>
<b>Cornelius</b> , Cornelius	<a href="http://www.corneliusseed.com">www.corneliusseed.com</a>
<b>Dairyland</b> , Dairyland Seed	<a href="http://www.dairylandseed.com">www.dairylandseed.com</a>
<b>DeRaedt</b> , DeRaedt Seed	847-514-8844
<b>Dyna-Gro</b> , Dyna-Gro Seed	<a href="http://www.dynagroseed.com">www.dynagroseed.com</a>
<b>FS Hisoy</b> , Growmark	<a href="http://www.fsseeds.com">www.fsseeds.com</a>
<b>G2 Genetics</b> , NuTech Seed	<a href="http://www.yieldleader.com">www.yieldleader.com</a>
<b>GO Soy</b> , Stratton Seed	<a href="http://www.strattonseed.com">www.strattonseed.com</a>
<b>Great Lakes</b> , Great Lakes	<a href="http://www.greatlakeshybrids.com">www.greatlakeshybrids.com</a>
<b>Green Valley</b> , Green Valley Seed	<a href="http://www.gvseed.com">www.gvseed.com</a>
<b>Hoblit</b> , Burris Seeds	<a href="http://www.burrisseed.com">www.burrisseed.com</a>
<b>Hoffman</b> , Hoffman Seed	<a href="http://www.hoffmanseedhouse.com">www.hoffmanseedhouse.com</a>
<b>Hughes</b> , Burrus Seeds	<a href="http://www.burrisseed.com">www.burrisseed.com</a>
<b>Illini</b> , Baird Seed Co.	<a href="http://www.bairdseedcompany.com">www.bairdseedcompany.com</a>
<b>Martin</b> , Martin Seeds	765-986-2030
<b>Monier</b> , Monier Seed	309-469-2511
<b>Munson</b> , Munson Hybrids	<a href="http://www.munsonhybrids.com">www.munsonhybrids.com</a>
<b>Power Plus</b> , Burrus Seeds	<a href="http://www.burrisseed.com">www.burrisseed.com</a>
<b>Public</b> , Univ. Of Illinois	217-265-4062
<b>Renk</b> , Renk Seed	<a href="http://www.renkseed.com">www.renkseed.com</a>
<b>Stine</b> , Stine Seed Co	<a href="http://www.stinseed.com">www.stinseed.com</a>
<b>Stone</b> , Stone Seed Group	<a href="http://www.stonseed.com">www.stonseed.com</a>
<b>Sun Prairie</b> , Champaign Co. Seed	<a href="http://www.sunprairiaseeds.com">www.sunprairiaseeds.com</a>

2018 Soybean Entries

Co/Brand	Variety	Herb	Mg	Regions Entered								
				1	2	3	4	5	SN	PRR	ST	HC
AGS	GS46X17	RX	4.6				4	5	2	u	B	BL
AGS	GS48X18	RX	4.8					5	2	a	B	BL
AgVenture	38E8LL	LL	3.8				4	5	2	C	B	Bl
AgVenture	38H4R	RR	3.8				4	5	2		B	Bl
AgVenture	38U7X	RX	3.8				4	5	2	C	B	Bl
AgVenture	40U8LL	LL	4				4	5	2	B	Bl	
AgVenture	41H1LL	LL	4.1				4	5	2	C	B	Bl
AgVenture	43U2X	RX	4.3				4	5	2	B	Bl	
AgVenture	43U6LL	LL	4.3				4	5	2	K	B	Bl
AgVenture	44U4LL	LL	4.4				4	5	2		B	Bl
AgVenture	45U1X	RX	4.5				4	5	2	B	Bl	
AgVenture	45W7R	RR	4.5				4	5	2	K	B	Bl
AgVenture	46M8LL	LL	4.6				4	5	2	C	B	Bl
AgVenture	47W3LL	LL	4.7				4	5	2		B	Bl
Asgrow	A3253	CV	3.2		2	3			2	S	B	Br
Asgrow	A3956	CV	3.9			3			2	C	B	Br
Asgrow	AG24X9	RX	2.4	1					2	C	B	ib
Asgrow	AG25X9	RX	2.5	1					2	C	B	ib
Asgrow	AG26X8	RX	2.6	1					2	C	B	ib
Asgrow	AG27X9	RX	2.7	1	2				1	C	B	ib
Asgrow	AG28X9	RX	2.8	1	2				2	C	B	ib
Asgrow	AG30X9	RX	3	1	2				2	C	B	ib
Asgrow	AG33X8	RX	3.3		2				2	C	B	ib
Asgrow	AG34X6	RX	3.4		2	3			2	C	B	Bl
Asgrow	AG34X9	RX	3.4		3				2	C	B	ib
Asgrow	AG36X6	RX	3.6		2	3	4		2	C	B	ib
Asgrow	AG37X9	RX	3.7		3				2	A	B	Bl
Asgrow	AG39X7	RX	3.9		3	4	5	2	C	B	Bl	
Asgrow	AG41X8	RX	4.1			4	5	2	C	B	ib	
Asgrow	AG42X6	RX	4.2			4	5	2	C	B	ib	
Asgrow	AG42X9	RX	4.2		3	4	5	2	A	B	Bl	
Asgrow	AG44X6	RX	4.4			4	5	2	C	B	Bl	
Asgrow	AG46X6	RX	4.6			4	5	2	A	B	Bl	
Asgrow	AG48X9	RX	4.8			5	2		C	B	Bl	
Baker	3782NRXSTS	RX	3.7			4			2	C	Fe	Bl
Baker	4282NRXSTS	RX	4.2				5	2	NG	Fe	lb	
Baker	4472NRXSTS	RX	4.4			4	5	2	C	Fe	Bl	
Baker	4692NRXSTS	RX	4.6				5	2	C	Fe	Bu	
Baker	4862NRX	RX	4.8			4	5	2	A	Fe	Bl	
Biogene	BG37L17N	LL	3.7			4			0	C	U	lb
Biogene	BG41L15N	LL	4.1			4			2	C	U	Bl
Channel	2119R2X	RX	2.1	1					2	C	Be	IB
Channel	2418R2X	RX	2.4	1					2	C	Be	IB
Channel	2719R2X	RX	2.7	1					2	C	Be	IB
Channel	2918R2X	RX	2.9	1	2				2	C	Be	IB
Channel	3119R2X	RX	3.1		2				1	C	Be	IB
Channel	3318R2X	RX	3.3		2	3			2	C	Be	IB
Channel	3519R2X	RX	3.5		2	3	4	5	2	C	Be	IB
Channel	3718R2X	RX	3.7			3	4	5	2	C	Be	IB
Channel	4018R2X	RX	4			3	4	5	2	C	Be	Bl
Channel	4717R2X/SR	RX	4.7			4	5	2	C	Be	IB	
Cornelius	CB23X00	RX	2.3	1					2	C	Be	
Cornelius	CB24R82	RR	2.4	1					2	K	Be	
Cornelius	CB24X64	RX	2.4	1					2	NG	Be	
Cornelius	CB26X67	RX	2.6	1					S	C	Be	
Cornelius	CB27X81	RX	2.7	1					2	C	Be	
Cornelius	CB28R58	RR	2.8	1					2	A	Be	
Cornelius	CB29X90	RX	2.9	1					2	C	Be	
Cornelius	CB31X25	RX	3.1	1					2	C	Be	
Credenz	CZ 2312 LL	LL	2.3	1					2	A	Be	Br
Credenz	CZ 2408 LL	LL	2.4	1					2	K	Be	Bl
Credenz	CZ 2601 LL	LL	2.6	1					2	A	Be	Bl
Credenz	CZ 2928 LL	LL	2.9	1	2				2	C	Be	lb
Credenz	CZ 3233 LL	LL	3.2		2				2	C	Be	lb
Credenz	CZ 3548 LL	LL	3.5		2	3			2	K	Be	Bl
Credenz	CZ 3601 LL	LL	3.6		2	3	4		2	A	Be	Bl
Credenz	CZ 3841 LL	LL	3.8			3	4		2	A	Be	Bl
Credenz	CZ 4105 LL	LL	4.1			3	4	5	2	S	Be	Bl
Credenz	CZ 4308 LL	LL	4.3			3	4	5	2	K	Be	Bl
Credenz	CZ 4548 LL	LL	4.5			4	5	2	K	Be	Bl	
Credenz	CZ 4820 LL	LL	4.8				5	2	A	Be	Bl	
DairyLand	DSR-2909/R2Y	RR	2.9	1						NA		
DairyLand	DSR-3028/R2Y	RR	3	1						NA		
DairyLand	DSR-3250/R2Y	RR	3.2		2	3				NA		
DairyLand	DSR-3555/R2Y	RR	3.5		2	3				NA		
DeReadt	2088NR2Y	RR	2	1					2	C	B	BR
DeReadt	2416NR2Y	RR	2.4	1					2	K	B	Bl
DeReadt	2523GT	RR	2.5	1					5	S	B	BR
DeReadt	2600 B-GT	RR	2.6	1					2	K	B	Bl
Dyna Gro	S25XT99	RX	2.5	1					2	C	B	lb
Dyna Gro	S28XT58	RX	2.8	1	2				2	C	B	lb
Dyna Gro	S30XT68	RX	3	1	2				2	C	B	Bu
Dyna Gro	S31XT59	RX	3.1	1	2				2	S	B	Bl
Dyna Gro	S33XT79	RX	3.3		2				2	A	B	Bl
Dyna Gro	S34XT69	RX	3.4		2	3			2	C	B	lb

2018 Soybean Entries

Co/Brand	Variety	Herb	Mg	Regions Entered									
				1	2	3	4	5	SN	PRR	ST	HC	
Dyna Gro	S35XT97	RX	3.5		2	3				2	C	B	lb
Dyna Gro	S36XT09	RX	3.6		2	3				2	C	B	Bl
Dyna Gro	S37XS89	RX	3.7			3	4			2	C	B	Bl
Dyna Gro	S37XT28	RX	3.7			3	4			2	C	B	lb
Dyna Gro	S39XT08	RX	3.9			3	4			2	C	B	lb
Dyna Gro	S39XT68	RX	3.9				4	5	2	S	B	Bl	
Dyna Gro	S41XS98	RX	4.1				4	5	2	S	B	lb	
Dyna Gro	S4209N	CV	4.2				4	5	2	C	B	Bl	
Dyna Gro	S43XS27	RX	4.3				4	5	2	C	B	Bl	
Dyna Gro	S44XS68	RX	4.4					5	2	C	B	Bl	
Dyna Gro	S46XS87	RX	4.6					5	2	C	B	lb	
FS HiSOY®	24X80	RX	2.4	1						2	C	B	lb
FS HiSOY®	25X70	RX	2.5	1						2	C	B	lb
FS HiSOY®	26L60	LL	2.6	1						2	C	B	Bl
FS HiSOY®	27X80	RX	2.7	1	2					2	C	B	Bl
FS HiSOY®	28C70	CV	2.8	1	2	3				2	NG	B	Bl
FS HiSOY®	28L70	LL	2.8	1	2					2	C	B	lb
FS HiSOY®	28X70	RX	2.8	1	2					2	C	B	Bl
FS HiSOY®	29X80	RX	2.9	1	2					2	C	B	Bl
FS HiSOY®	30X80	RX	3	1	2					2	C	B	Bu
FS HiSOY®	31X60	RX	3.1		2					2	C	B	lb
FS HiSOY®	32L60	LL	3.2		2	3				2	C	B	Bu
FS HiSOY®	32X80	RX	3.2		2	3				2	C	B	lb
FS HiSOY®	33X80	RX	3.3		2	3				2	C	B	lb
FS HiSOY®	34C80	CV	3.4		2	3				2	NG	B	Bl
FS HiSOY®	34X60	RX	3.4		2	3				2	C	B	lb
FS HiSOY®	35X80	RX	3.5			3				2	C	B	Bl
FS HiSOY®	37X70	RX	3.7			3				2	C	B	lb
FS HiSOY®	38L32	LL	3.8			3	4			2	A	B	Bl
FS HiSOY®	38X70	RX	3.8			3	4			2	C	B	Bl
FS HiSOY®	39C42	CV	3.9			3	4			2	C	B	Br
FS HiSOY®	39X70	RX	3.9			3	4			2	NG	B	lb
FS HiSOY®	41L42	LL	4.1			3	4			2	C	B	Bl
FS HiSOY®	41X70	RX	4.1			3	4			2	NG	B	lb
FS HiSOY®	42L70	LL	4.2			3	4			2	K	B	Bl
FS HiSOY®	43C60	CV	4.3			3	4			2	A	B	Bl
FS HiSOY®	43X60	RX	4.3			3	4	5	2	C	B	Bl	
FS HiSOY®	44L60	LL	4.4			4	5	2		NG	B	Bl	
FS HiSOY®	45X80	RX	4.5			4	5	2		C	B	Bu	
FS HiSOY®	46X60	RX	4.6				5	2		C	B	lb	
FS HiSOY®	47L50	LL	4.7				5	2		C	B	Bl	
FS HiSOY®	48X70	RX	4.8				5	2		C	B	lb	
FS HiSOY®	49L80	LL	4.9				5	2		A	B	Bl	
FS HiSOY®	49X60	RX	4.9				5	2		C	B	Bl	
Go Soy	43C17S	CS	4.3	1	2	3	4	5	2	u	B	BL	
Go Soy	49G16	RR	4.9				5	4		u	B	BL	
Go Soy	E4510S	CS	4.5				4	5	2	u	B	BL	
Green Valley	38X9	RX	3.8			3				2	C	B	IB
Green Valley	39X7	RX	3.9			3				2	C	B	IB
Green Valley	GV 36X7	RX	3.6			3				2	C	B	IB
Hoblit	298LL	LL	2.9	1	2					2	C	B	lb
Hoblit	368LL	LL	3.6		2	3	4			2	C	B	Bl
Hoblit	384LL	LL	3.8		2	3	4			2	C	B	Bl
Hoblit	418LL	LL	4.1			3	4			2	C	B	Bl
Hoffman	H393N	CV	3.9				4	5	2	C	B	Bl	
Hoffman	H416N	CV	4.1				4	5	2	C	B	Br	
Hoffman	H41L16	LL	4.1				4	5	2	C	B	Bl	
Hoffman	H45L17	LL	4.5				4	5	2				

2018 Soybean Entries

Co/Brand	Variety	Herb	Mg	Regions Entered					SN	PRR	ST	HC
				1	2	3	4	5				
LG Seeds	LGS3777RX	RX	3.7	2	3	4	5	2	C	B	Bl	
Martin	M33X	RX	3.3		3			2	C	NA	lb	
Martin	M35C	RR	3.5		3			2	NG	NA	Bl	
Missouri	S13-10590C	CV	4.3			4	5			Be	Bl	
Missouri	S14-15138R	RS	4.8				5			Be	Bl	
Missouri	S14-9051R	RR	4.7			4	5			Be	Bf	
Monier	M2837R2	RR	2.8	2				2	A	B	Bl	
Monier	M2866RX	RX	2.8	2				2	C	B	lb	
Monier	M2957RX	RX	2.9	2				2	C	B	Bl	
Monier	M3240RX	RX	3.2	2				2	C	B	lb	
Monier	M3425R2	RR	3.4	2				2	C	B	lb	
Monier	M3457RX	RX	3.4	2				2	C	B	lb	
Munson	8247R2Y	RR	2.4	1				2	K	B	Bl	
Munson	8270	CV	2.7	1				2	NG	B	G	
Munson	8331	CV	3.1		2			2	NG	B	Br	
Munson	8380	CV	3.8			3		2	NG	B	Bl	
Munson	9258RR2X	RX	2.5	1				2	C	B	lb	
Munson	9289RR2X	RX	2.8	1				2	C	B	Bl	
Munson	9309RR2X	RX	3	1	2			2	NG	B	Bl	
Munson	9328RR2X	RX	3.2		2			2	C	B	lb	
Munson	9349RR2X	RX	3.4		2	3		2	C	B	Bl	
Munson	9369RR2X	RX	3.6		2	3		2	C	B	Bl	
Munson	9389RR2X	RX	3.8			3		2	C	B	Bl	
Munson	9408RR2X	RX	4			3		2	NG	B	lb	
NuTech	3252L	LL	2.5	1	2			2	C	B	BL	
NuTech	3309L	LL	3	1	2	3		2	C	B	IB	
NuTech	3321L	LL	3.2		2	3		2	K	B	IB	
NuTech	3341L	LL	3.4		2	3		2	K	B	BL	
NuTech	3361L	LL	3.6		2	3		2	K	B	BL	
NuTech	3386L	LL	3.8		2	3		2	C	B	BL	
NuTech	7253	RR	2.5	1	2			1	K	B	BR	
NuTech	7279	RR	2.7	1	2			2	C	B	BL	
NuTech	7287X	RX	2.8	1	2			2	K	B	BR	
NuTech	7295	RR	2.9	1	2	3		2	K	B	BR	
NuTech	7337	RR	3.3		2	3		2	K	B	BL	
NuTech	7352X	RX	3.5		2	3		2	C	B	BF	
NuTech	7387X	RX	3.8		2	3		2	C	B	IB	
Pioneer	P24A80X*	RX	2.4	1	2					B		
Pioneer	P31A22X*	RX	3.1	1	2	3				B		
Pioneer	P33T19X*	RX	3.3		2	3	4			B		
Pioneer	P36T36X	RX	3.6		2	3	4	5		B		
Pioneer	P38A98X*	RX	3.8		3	4	5			B		
Pioneer	P40T84X	RX	4			3	4	5		B		
Power Plus®	25G8 TM*	RR	2.5	1				1	K	B	Br	
Power Plus®	36A1X TM*	RX	3.6		2	3	4	2	C	B	Bu	
Public	Dwight	CV	2.9		2	3				B	Bl	
Public	Jack	CV	2.9		2	3				B	Y	
Public	Williams 82	CV	3.8			3				B	Bl	
Renk	RS239NX	RX	2.3	1				1	C	B	IB	
Renk	RS248NX	RX	2.4	1				2	C	B	BL	
Renk	RS269X	RX	2.6	1				2	C	B	IB	
Renk	RS288NX	RX	2.8	1				2	C	B	IB	
Renk	RS328NX	RX	3.2	1	2			2	C	B	IB	
Renk	RS348NX	RX	3.4		2			2	C	B	IB	
Renk	RS357NX	RX	3.5		2			2	C	B	IB	
Renk	RS379NX	RX	3.7			3		2	C	B	BL	
Renk	RS398NX	RX	3.9			3		2	S	B	IB	
Stine	27BA23	GT	2.7	1	2					B		
Stine	27BB02	GT	2.7	1	2					B		
Stine	28BA02	GT	2.8	1	2					B		
Stine	29LJ02	LL	2.9	1	2					B		
Stine	31LI32	LL	3.1	1	2	3				B		
Stine	33LI32	LL	3.3			3				B		
Stine	34BA02	GT	3.4			3				B		
Stine	36LE32	LL	3.6			3	4	5		B		
Stine	38LE02	LL	3.8			3	4	5		B		
Stine	41BA20	GT	4.1			3	4	5		B		
Stine	41LF32	LL	4.1				4	5		B		
Stine	42LF22	LL	4.2				4	5		B		
Stone	2RX2129	RX	2.1	1				2	C	B	Bl	
Stone	2RX2418	RX	2.4	1				2	C	B	IB	
Stone	2RX2539	RX	2.5	1				2	C	B	IB	
Stone	2RX2729	RX	2.7	1	2			S		B	IB	
Stone	2RX2929	RX	2.9	1	2			2		B	IB	
Stone	2RX3229	RX	3.2		2	3		2	C	B	IB	
Stone	2RX3449	RX	3.4		2	3		2	C	B	Bl	
Stone	2RX3628	RX	3.6		2	3	4	2	C	B	IB	
Stone	2RX3928	RX	3.9			3	4	2	C	B	IB	
Stone	2RX4029	RX	4			3	4	5	2	C	B	Bl
Stone	2RX4228-SR	RX	4.2				4	5	2	C	B	Bl
Stone	2RX4339-SR	RX	4.3				4	2	C	B	Bl	
Stone	2RX4438	RX	4.4					5	2	C	B	Bl
Stone	2RX4629-SR	RX	4.6					5	2	C	B	Bl
Stone	2RX4939-SR	RX	4.9					5	2	S	B	Bl
Sun Prairie	SP29RX8	RX	2.9	2				1	C	B	BL	

2018 Soybean Entries

Co/Brand	Variety	Herb	Mg	Regions Entered					SN	PRR	ST	HC
				1	2	3	4	5				
Sun Prairie	SP34RX8	RX	3.4		2	3			1	C	B	IB
Sun Prairie	SP35RX8	RX	3.5			3			1	C	B	BL
Sun Prairie	SP38RX7	RX	3.8				3	4	1	C	B	BL
Sun Prairie	SP42RX7	RX	4.2					4	1	NG	B	IB
Viking Seed	2188AT12N	CV	2.4	1					2			NA
Viking Seed	2340KN	CV	2.3	1					1			NA
Viking Seed	2358	CV	2.3	1					S			NA
Viking Seed	2418N	CV	2.4	1					2			NA
Viking Seed	2518N	CV	2.5	1					2			NA

Regions

1 = Region 1: Fenton, Mt. Morris & DeKalb.

2 = Region 2: Monmouth, Goodfield & Dwight.

3 = Region 3: Perry, New Berlin & Urbana.

4 = Region 4: Belleville & St. Peter.

5 = Region 5: Harrisburg & Elkhville.

SN= Source of Soybean Cyst Nematode Resistance

1 = PI 548402 (Peking), 2 = PI 88788, 3 = PI 90763, 4 = PI 437654,

S = Susceptible, U = source unknown.

PRR = Phytophthora Root Rot

A = Rps1a, C = Rps1c, K = Rps1k, 3 = Rps3a, S = Susceptible,

U = Unknown, NG = No Gene.

ST= Seed Treatment

U= Untreated, F=Fungicide, Fe= Fungicide + Illevo, B= Fungicide + Insecticide,

Be= Fungicide + Insecticide + Illevo, NA= Information not Available.

HC = Hilum Color

Bl= black, IB= imperfect black, BU= buff, BR= Brown, Y= Yellow, G= Gray, M= Mixed.

**2018 Soybean Test Results  
Region 1 Early**

COMPANY	NAME	Herbicide Trait	ST <sup>1</sup>	Regional Results				Fenton Yield bu/a	Mt. Morris Yield bu/a	DeKalb Yield bu/a	2 yr Avg Yield bu/a	3 yr Avg Yield bu/a
				Yield bu/a	Maturity Date	Lodging 1-5	Height in					
<b>Early MG: 2.1-2.6</b>												
Asgrow	AG24X9	RX	B	76.3	9/22	2.1	34.8	77.0	75.0	77.0		
Asgrow	AG25X9	RX	B	72.6	9/21	1.8	36.1	77.1	69.5	71.2		
Asgrow	AG26X8	RX	B	73.4	9/21	1.9	36.5	72.9	67.6	79.6	72.8	
Channel	2119R2X	RX	B	73.9	9/19	2.4	34.7	78.9	70.9	71.8		
Channel	2418R2X	RX	B	73.8	9/8	1.8	32.6	78.5	73.1	70.0	72.6	
Cornelius	CB23X00	RX	Be	73.3	9/24	1.9	37.6	71.3	73.2	75.4		
Cornelius	CB24R82	RR	Be	75.5	9/20	2.0	37.3	76.7	74.7	75.0	76.3	78.4
Cornelius	CB24X64	RX	Be	76.7	9/8	2.2	34.3	80.8	71.2	78.2	74.8	
Cornelius	CB26X67	RX	Be	76.6	9/27	2.2	40.0	80.3	74.2	75.2		
Credenz	CZ 2312 LL	LL	Be	76.2	9/23	2.1	35.4	81.5	71.7	75.3	75.9	76.1
Credenz	CZ 2408 LL	LL	Be	82.1	9/21	2.0	35.0	87.5	79.2	79.6		
Credenz	CZ 2601 LL	LL	Be	79.6	9/25	2.2	36.5	85.2	74.1	79.4	76.8	
DeReadt	2416NR2Y	RR	B	75.7	9/19	2.2	37.1	80.4	70.4	76.4	77.1	75.4
DeReadt	2523GT	RR	B	72.3	9/23	2.1	37.9	77.9	65.8	73.2	72.9	
DeReadt	2600 B-GT	RR	B	77.2	9/23	2.0	32.9	85.7	69.3	76.5	77.3	
Dyna Gro	S25XT99	RX	B	75.8	9/17	1.4	33.1	81.6	70.5	75.1		
FS HiSOY®	24X80	RX	B	76.8	9/24	1.4	30.6	82.4	74.8	73.1		
FS HiSOY®	25X70	RX	B	74.7	9/28	1.9	33.8	80.3	70.8	73.1	72.6	
FS HiSOY®	26L60	LL	B	75.3	9/23	1.4	34.7	77.5	76.2	72.1	76.1	77.8
Illini	2043Na	CV	B	71.5	9/21	2.4	34.6	74.8	68.1	71.8		
Illini	2643N	CV	B	74.7	9/26	1.9	37.3	75.8	70.1	78.1	76.1	73.9
LG Seeds	LGS2444RX	RX	Be	68.7	9/22	1.7	31.5	79.0	61.9	65.3		
LG Seeds	LGS2680RX	RX	B	77.8	9/25	2.3	38.9	78.9	77.2	77.4		
Munson	8247R2Y	RR	B	77.1	9/23	2.1	36.9	77.0	80.2	74.2	76.3	77.8
Munson	9258RR2X	RX	B	73.0	9/27	1.8	33.6	80.2	66.3	72.5	72.2	
NuTech	3252L	LL	B	72.8	9/26	2.4	36.9	78.3	69.3	70.7	76.1	78.9
NuTech	7253	RR	B	77.6	9/25	1.2	36.1	75.2	84.0	73.6		
Pioneer	P24A80X*	RX	B	76.1	9/21	1.7	37.2	79.9	75.4	73.0		
Power Plus®	25G8 TM*	RR	B	80.6	9/23	1.2	35.0	82.9	80.8	78.1	80.1	
Renk	RS239NX	RX	B	70.8	9/23	2.0	38.0	75.7	64.8	71.9		
Renk	RS248NX	RX	B	77.5	9/23	2.2	35.0	82.9	70.2	79.5		
Renk	RS269X	RX	B	73.9	9/23	2.1	38.3	72.3	70.2	79.3		
Stone	2RX2129	RX	B	73.2	9/19	2.0	34.5	82.3	68.4	69.0		
Stone	2RX2418	RX	B	73.9	9/24	2.3	35.1	78.5	68.4	75.0	73.7	
Stone	2RX2539	RX	B	77.3	9/23	2.4	35.6	81.7	75.9	74.4		
Viking Seed	2188AT12N	CV	NA	73.1	9/21	2.8	36.1	87.5	62.5	69.3	73.8	
Viking Seed	2340KN	CV	NA	76.5	9/26	2.3	35.4	79.2	71.3	79.2		
Viking Seed	2358	CV	NA	62.6	9/17	1.2	35.5	65.6	60.1	62.2		
Viking Seed	2418N	CV	NA	74.9	9/19	2.2	33.9	75.7	74.7	74.3		
Viking Seed	2518N	CV	NA	73.8	9/21	2.9	37.0	79.7	67.1	74.5		
	AVERAGE			74.8	9/22	2.0	35.6	78.9	71.4	74.2		
	L.S.D. 25% LEVEL			3.5		0.4	1.2	3.7	4.0	3.5		
	COEFF. OF VAR. (%)			8.5		37.0	6.2	4.9	5.9	5.0		

<sup>1</sup>ST- U= Untreated, F=Fungicide, Fe= Fungicide + Illevo, B= Fungicide + Insecticide, Be= Fungicide + Insecticide + Illevo, NA= Information not Available



**2018 Soybean Test Results  
Region 1 Late**

COMPANY	NAME	Herbicide Trait	ST <sup>1</sup>	Regional Results				Fenton Yield bu/a	Mt. Morris Yield bu/a	DeKalb Yield bu/a	2 yr Avg Yield bu/a	3 yr Avg Yield bu/a
				Yield bu/a	Maturity Date	Lodging 1-5	Height in					
<b>Late MG: 2.7-3.4</b>												
Asgrow	AG27X9	RX	B	74.4	9/24	1.7	39.4	75.2	**	73.6		
Asgrow	AG28X9	RX	B	75.3	9/28	1.3	38.0	72.9	**	77.8		
Asgrow	AG30X9	RX	B	78.9	9/30	1.0	39.1	78.0	**	79.9		
Channel	2918R2X	RX	B	80.1	9/29	1.2	38.1	77.6	**	82.6	73.5	
Channel	3119R2X	RX	B	74.7	9/15	1.5	35.4	74.9	**	74.6		
Cornelius	CB27X81	RX	Be	81.5	9/26	1.3	38.6	82.0	**	81.1		
Cornelius	CB28R58	RR	Be	82.6	9/27	2.2	35.5	85.0	**	80.3	76.9 76.5	
Cornelius	CB29X90	RX	Be	80.5	9/29	1.3	36.3	79.6	**	81.3		
Cornelius	CB31X25	RX	Be	79.3	9/29	1.0	36.3	80.7	**	78.0		
Credenz	CZ 2928 LL	LL	Be	78.4	9/28	1.8	39.3	77.9	**	78.9		
DairyLand	DSR-2909/R2Y	RR	NA	79.7	9/26	1.7	36.8	79.5	**	80.0		
DairyLand	DSR-3028/R2Y	RR	NA	77.8	10/1	2.5	43.4	77.7	**	78.0	73.8	
Dyna Gro	S28XT58	RX	B	80.5	9/26	1.3	38.4	81.5	**	79.4	74.1	
Dyna Gro	S30XT68	RX	B	81.8	9/27	1.5	34.6	82.9	**	80.7	76.7	
Dyna Gro	S31XT59	RX	B	80.2	9/29	1.5	40.1	79.6	**	80.9		
FS HiSOY®	27X80	RX	B	78.2	9/28	1.3	32.6	79.8	**	76.6		
FS HiSOY®	28C70	CV	B	75.0	10/1	1.8	37.8	71.3	**	78.7		
FS HiSOY®	28L70	LL	B	83.5	9/28	1.5	40.8	83.8	**	83.1	76.6	
FS HiSOY®	28X70	RX	B	80.5	9/29	1.3	36.8	80.6	**	80.4	75.0	
FS HiSOY®	29X80	RX	B	82.3	10/1	1.3	36.9	84.2	**	80.3		
FS HiSOY®	30X80	RX	B	79.1	9/26	1.2	35.0	81.6	**	76.7		
Hoblit	298LL	LL	B	82.7	9/28	1.5	38.6	81.7	**	83.8	77.8	
LG Seeds	C2888RX	RX	B	80.1	9/23	1.5	39.0	78.7	**	81.5		
LG Seeds	C3010RX	RX	B	77.5	9/21	1.5	37.2	73.7	**	81.3		
LG Seeds	LGS2759RX	RX	B	81.9	9/24	1.5	36.3	80.9	**	82.8		
LG Seeds	LGS3297RX	RX	B	82.6	10/2	1.2	35.9	82.9	**	82.3		
LG Seeds	LGS3411RX	RX	B	75.0	9/22	1.7	40.0	73.6	**	76.3		
Munson	8270	CV	B	74.9	9/26	1.8	37.1	76.3	**	73.4		
Munson	9289RR2X	RX	B	80.8	9/30	1.3	37.6	77.8	**	83.9		
Munson	9309RR2X	RX	B	78.4	9/30	1.5	39.3	77.6	**	79.2		
NuTech	3309L	LL	B	73.2	10/2	1.3	42.9	69.4	**	77.0	71.5 75.1	
NuTech	7279	RR	B	78.8	9/27	1.5	37.3	78.3	**	79.2		
NuTech	7287X	RX	B	76.7	10/2	1.7	38.0	71.5	**	81.9		
NuTech	7295	RR	B	80.1	9/26	1.5	38.3	76.1	**	84.2		
Pioneer	P31A22X*	RX	B	79.6	9/29	1.8	35.5	79.5	**	79.7		
Renk	RS288NX	RX	B	79.0	9/27	1.3	39.7	78.2	**	79.7	72.7	
Renk	RS328NX	RX	B	75.8	10/2	1.8	39.7	73.0	**	78.6	69.8	
Stine	27BA23	GT	B	74.5	9/19	2.3	35.8	74.0	**	75.1		
Stine	27BB02	GT	B	79.5	9/30	1.8	35.4	81.4	**	77.6		
Stine	28BA02	GT	B	80.4	9/28	1.3	36.5	76.9	**	83.8		
Stine	29LJ02	LL	B	79.4	9/26	1.8	39.1	80.4	**	78.3		
Stine	31LI32	LL	B	76.0	9/24	1.7	35.7	74.3	**	77.6		
Stone	2RX2729	RX	B	74.0	9/27	1.2	35.0	73.8	**	74.2		
Stone	2RX2929	RX	B	76.3	10/2	1.2	37.8	71.1	**	81.6		
	AVERAGE			78.7	9/27	1.6	37.6	78.0		79.3		
	L.S.D. 25% LEVEL			3.3		0.5	1.8	4.1		3.0		
	COEFF. OF VAR. (%)			6.2		42.8	7.0	5.6		4.0		

<sup>1</sup>ST- U= Untreated, F=Fungicide, Fe= Fungicide + Illevo, B= Fungicide + Insecticide, Be= Fungicide + Insecticide + Illevo, NA= Information not Available

<sup>2</sup>Mt. Morris Late results have been omitted due to poor quality data.

**2018 Soybean Test Results  
Region 2 Early**

COMPANY	NAME	Herbicide Trait	ST <sup>1</sup>	Regional Results				Monmouth Yield bu/a	Goodfield Yield bu/a	Dwight Yield bu/a	2 yr Avg Yield bu/a	3 yr Avg Yield bu/a
				Yield bu/a	Maturity Date	Lodging 1-5	Height in					
<b>Early MG: 2.4-3.1</b>												
Asgrow	AG27X9	RX	B	76.5	9/19	1.5	44.0	71.5	89.4	68.6		
Asgrow	AG28X9	RX	B	76.5	9/22	1.4	40.4	68.0	90.6	70.8		
Asgrow	AG30X9	RX	B	74.6	9/14	1.0	39.9	67.6	90.2	65.9		
Channel	2918R2X	RX	Be	75.1	9/24	1.9	40.2	69.1	85.5	70.7	76.6	
Channel	3119R2X	RX	Be	75.6	9/24	1.8	42.0	66.0	91.6	69.2		
Credenz	CZ 2928 LL	LL	Be	74.7	9/25	1.5	40.7	68.7	88.7	66.7		
Dyna Gro	S28XT58	RX	B	76.8	9/22	1.1	40.8	70.6	88.5	71.1	79.1	
Dyna Gro	S30XT68	RX	B	81.0	9/23	1.2	37.4	72.5	99.8	70.7	83.0	
Dyna Gro	S31XT59	RX	B	78.1	9/24	2.1	43.4	73.3	97.4	63.7		
FS HiSOY®	27X80	RX	B	72.8	9/23	1.1	36.2	61.1	84.7	72.7		
FS HiSOY®	28C70	CV	B	75.1	9/26	2.0	40.5	67.6	88.4	69.4	79.5	
FS HiSOY®	28L70	LL	B	76.3	9/22	1.7	40.3	66.9	92.4	69.7	79.2	
FS HiSOY®	28X70	RX	B	77.2	9/20	1.5	40.5	74.0	91.3	66.2	78.9	
FS HiSOY®	29X80	RX	B	76.1	9/23	1.5	39.9	68.8	85.7	73.8		
FS HiSOY®	30X80	RX	B	77.2	9/23	1.3	36.7	68.0	93.5	70.2		
FS HiSOY®	31X60	RX	B	74.7	9/25	1.1	39.7	68.5	86.6	68.9	74.4	77.2
Hoblit	298LL	LL	B	77.5	9/24	1.2	40.4	63.0	91.8	77.6	82.2	
Illini	2643N	CV	B	73.2	9/17	1.6	40.0	66.6	83.4	69.6	77.4	77.7
Illini	2723N	CV	B	72.3	9/19	2.1	37.2	64.2	84.7	67.9		
Illini	2880Na	CV	B	71.6	9/19	2.3	37.2	66.6	83.0	65.3	75.1	74.7
Illini	2904N	CV	B	78.0	9/24	2.2	38.0	70.9	90.1	73.0	78.9	80.1
Illini	6265N	CV	B	70.2	9/20	2.5	38.7	64.4	82.2	63.9	75.1	74.3
LG Seeds	C2888RX	RX	B	78.8	9/21	1.4	41.5	74.2	90.6	71.6		
LG Seeds	C3010RX	RX	B	72.7	9/23	1.5	38.4	65.8	85.6	66.8		
Monier	M2837R2	RR	B	77.1	9/23	1.8	41.1	69.2	89.9	72.1	79.0	79.9
Monier	M2866RX	RX	B	77.5	9/21	1.3	40.8	68.5	90.2	73.8	80.2	
Monier	M2957RX	RX	B	81.0	9/26	1.4	40.9	73.0	93.1	76.8		
Munson	8331	CV	B	77.6	9/23	1.4	39.0	74.1	88.3	70.4		
Munson	9309RR2X	RX	B	76.0	9/27	1.8	41.1	69.1	94.0	64.9		
NuTech	3252L	LL	B	72.9	9/6	1.9	39.2	64.9	86.5	67.3	76.9	77.6
NuTech	3309L	LL	B	68.1	9/27	1.5	43.9	60.5	82.0	61.7	75.2	76.0
NuTech	7253	RR	B	72.7	9/7	1.0	38.9	68.4	88.0	61.6		
NuTech	7279	RR	B	73.5	9/20	1.1	39.9	65.8	86.1	68.6	76.0	76.8
NuTech	7287X	RX	B	73.9	9/27	1.9	42.1	67.1	86.0	68.6		
NuTech	7295	RR	B	79.4	9/20	1.2	40.1	76.2	89.4	72.5		
Pioneer	P24A80X*	RX	B	72.4	9/17	1.1	38.2	69.1	83.4	64.7		
Pioneer	P31A22X*	RX	B	78.9	9/24	2.2	39.0	71.6	92.1	73.0		
Public	Dwight	CV	B	64.8	9/18	1.9	39.1	60.0	77.3	57.1	68.9	67.4
Public	Jack	CV	B	64.9	9/21	3.8	44.1	56.9	71.0	66.8	67.4	66.0
Stine	27BA23	GT	B	70.9	9/19	2.3	39.7	63.0	86.9	62.8		
Stine	27BB02	GT	B	78.9	9/23	1.6	38.3	68.2	91.8	76.7		
Stine	28BA02	GT	B	76.3	9/24	1.5	38.2	65.0	93.7	70.2		
Stine	29LJ02	LL	B	75.0	9/22	1.6	41.6	63.0	89.7	72.3		
Stine	31LI32	LL	B	73.1	9/21	1.9	37.6	67.9	83.4	68.1		
Stone	2RX2729	RX	B	69.8	9/19	1.0	38.1	66.0	82.2	61.2		
Stone	2RX2929	RX	B	72.6	9/24	1.4	41.4	70.0	80.5	67.3		
Sun Prairie	SP29RX8	RX	B	80.6	9/23	1.4	39.3	74.1	96.1	71.5		
	AVERAGE			74.7	9/21	1.6	40.1	67.8	87.9	68.4		
	L.S.D. 25% LEVEL			3.2		0.4	1.4	4.3	3.9	4.1		
	COEFF. OF VAR. (%)			7.8		33.8	6.1	6.7	4.7	6.3		

<sup>1</sup>ST- U= Untreated, F=Fungicide, Fe= Fungicide + Illevo, B= Fungicide + Insecticide, Be= Fungicide + Insecticide + Illevo, NA= Information not Available

**2018 Soybean Test Results  
Region 2 Late**

COMPANY	NAME	Herbicide Trait	ST <sup>1</sup>	Regional Results				Monmouth Yield bu/a	Goodfield Yield bu/a	Dwight Yield bu/a	2 yr Avg Yield bu/a	3 yr Avg Yield bu/a
				Yield bu/a	Maturity Date	Lodging 1-5	Height in					
<b>Late MG: 3.2-4.3</b>												
Asgrow	A3253	CV	B	77.6	9/24	2.1	44.7	72.5	92.3	67.9	78.6	77.8
Asgrow	AG33X8	RX	B	76.6	9/29	1.6	44.8	70.2	86.7	72.8	78.4	
Asgrow	AG34X6	RX	B	80.5	9/30	1.3	46.4	73.0	92.4	76.1	80.3	
Asgrow	AG36X6	RX	B	83.3	10/1	1.4	41.0	76.3	94.3	79.4	82.4	81.3
Channel	3318R2X	RX	Be	76.6	9/28	1.1	41.8	68.5	87.8	73.4	79.0	
Channel	3519R2X	RX	Be	78.5	9/28	1.3	46.4	69.1	89.5	76.8		
Credenz	CZ 3233 LL	LL	Be	80.4	9/25	1.8	44.1	73.4	96.2	71.6	83.6	83.2
Credenz	CZ 3548 LL	LL	Be	76.9	9/29	1.3	40.2	70.7	90.7	69.4		
Credenz	CZ 3601 LL	LL	Be	79.0	9/29	1.1	42.5	68.6	93.2	75.2	79.4	
DairyLand	DSR-3250/R2Y	RR	NA	73.7	9/28	2.3	42.8	61.0	92.7	67.6	79.8	77.8
DairyLand	DSR-3555/R2Y	RR	NA	76.7	9/29	1.5	44.4	66.4	87.6	76.1	79.5	
Dyna Gro	S33XT79	RX	B	81.3	9/25	2.2	41.6	69.5	96.2	78.0		
Dyna Gro	S34XT69	RX	B	80.0	9/25	1.9	39.4	71.7	92.4	76.0		
Dyna Gro	S35XT97	RX	B	79.6	9/28	1.3	41.7	70.0	88.9	79.9		
Dyna Gro	S36XT09	RX	B	79.3	9/30	1.4	41.9	70.9	95.0	71.9		
FS HiSOY®	32L60	LL	B	82.1	9/23	1.3	38.0	74.2	91.3	80.8	80.8	78.6
FS HiSOY®	32X80	RX	B	76.8	9/25	1.0	42.5	70.2	87.7	72.3		
FS HiSOY®	33X80	RX	B	81.4	9/26	1.2	43.5	75.3	90.3	78.6		
FS HiSOY®	34C80	CV	B	77.2	9/26	1.7	44.5	65.1	95.5	71.1		
FS HiSOY®	34X60	RX	B	80.5	9/30	1.4	41.6	75.2	93.3	73.1	80.4	78.6
Go Soy	43C17S	CS	B	66.7	10/3	1.3	38.5	61.5	72.4	66.1		
Hoblit	368LL	LL	B	78.5	9/29	1.1	42.2	70.5	91.5	73.6	79.2	
Hoblit	384LL	LL	B	76.5	9/28	1.0	43.4	68.7	86.9	74.0		
LG Seeds	C3550RX	RX	B	83.4	9/29	1.6	41.9	75.7	98.1	76.3		
LG Seeds	LGS3297RX	RX	B	81.9	9/27	1.0	41.8	75.1	92.4	78.0		
LG Seeds	LGS3411RX	RX	B	80.7	9/27	2.0	43.2	72.2	90.5	79.3		
LG Seeds	LGS3777RX	RX	B	82.7	10/1	2.1	47.8	73.6	98.3	76.1		
Monier	M3240RX	RX	B	73.5	9/27	1.6	42.6	65.1	85.6	69.7	76.0	
Monier	M3425R2	RR	B	78.5	9/27	2.0	44.4	66.4	90.2	79.0	80.7	76.9
Monier	M3457RX	RX	B	78.7	9/27	1.2	41.6	70.0	95.0	71.3	79.9	
Munson	9328RR2X	RX	B	73.2	9/29	1.7	43.9	63.8	84.6	71.1	76.8	
Munson	9349RR2X	RX	B	81.5	9/28	2.2	44.3	72.5	93.9	78.0		
Munson	9369RR2X	RX	B	81.2	9/28	1.7	44.0	72.7	94.7	76.1		
NuTech	3321L	LL	B	75.9	9/21	1.6	41.8	65.8	88.2	73.8	79.3	
NuTech	3341L	LL	B	76.9	9/26	1.4	40.9	71.2	87.6	71.8	78.9	77.1
NuTech	3361L	LL	B	77.4	9/28	1.1	41.6	69.3	89.1	74.0		
NuTech	3386L	LL	B	80.6	9/28	1.1	41.4	69.7	89.8	82.2		
NuTech	7337	RR	B	78.4	9/28	1.4	40.7	76.6	85.5	73.2		
NuTech	7352X	RX	B	77.2	10/1	1.2	45.8	69.1	89.0	73.6	77.3	
NuTech	7387X	RX	B	75.6	10/2	1.4	44.3	68.2	86.3	72.2		
Pioneer	P33T19X*	RX	B	76.0	9/27	1.1	42.5	70.5	85.5	72.0		
Pioneer	P36T36X	RX	B	77.0	9/30	1.9	48.4	67.3	85.5	78.3	78.9	
Power Plus®	36A1X TM*	RX	B	80.8	10/2	1.1	44.6	73.3	91.0	78.1		
Renk	RS328NX	RX	B	74.4	9/26	2.0	43.6	64.1	87.5	71.7	76.8	
Renk	RS348NX	RX	B	79.6	9/26	1.4	41.2	73.8	93.8	71.2	78.1	
Renk	RS357NX	RX	B	83.1	9/29	1.6	40.4	75.8	92.8	80.6	83.8	83.5
Stone	2RX3229	RX	B	75.6	9/27	1.1	43.0	69.5	86.9	70.4		
Stone	2RX3449	RX	B	81.2	9/27	1.9	43.4	71.1	91.9	80.6		
Stone	2RX3628	RX	B	81.2	10/1	1.6	40.6	73.5	90.1	80.0		
Sun Praire	SP34RX8	RX	B	78.5	9/28	1.3	41.4	70.9	92.5	72.1		
AVERAGE				78.3	9/27	1.5	42.8	70.4	90.3	74.2		
L.S.D. 25% LEVEL				2.9		0.3	1.6	3.1	3.9	3.6		
COEFF. OF VAR. (%)				6.8		41.9	6.8	4.7	4.5	5.1		

<sup>1</sup>ST- U= Untreated, F=Fungicide, Fe= Fungicide + Illevo, B= Fungicide + Insecticide, Be= Fungicide + Insecticide + Illevo, NA= Information not Available

**2018 Soybean Test Results  
Region 3 Early**

COMPANY	NAME	Herbicide Trait	ST <sup>1</sup>	Regional Results				Perry Yield bu/a	New Berlin Yield bu/a	Urbana Yield bu/a	2 yr Avg Yield bu/a	3 yr Avg Yield bu/a
				Yield bu/a	Maturity Date	Lodging 1-5	Height in					
<b>Early MG: 2.7-3.5</b>												
Asgrow	A3253	CV	B	82.9	9/16	2.5	41.2	76.7	92.5	79.4	78.1	78.1
Asgrow	AG34X6	RX	B	83.8	9/19	2.2	45.1	85.7	85.4	80.3	79.7	
Asgrow	AG34X9	RX	B	80.1	9/19	2.2	43.8	83.2	80.0	77.2		
Channel	3318R2X	RX	Be	76.8	9/18	1.6	41.8	76.7	79.1	74.8	77.2	
Channel	3519R2X	RX	Be	80.4	9/18	2.1	44.1	74.8	83.7	82.8		
Credenz	CZ 3548 LL	LL	Be	84.4	9/20	2.0	39.7	81.7	88.8	82.6	82.9	
DairyLand	DSR-3250/R2Y	RR	NA	77.9	9/20	3.9	43.5	75.0	83.3	75.5		
DairyLand	DSR-3555/R2Y	RR	NA	80.3	9/21	2.2	44.2	76.2	85.4	79.4	79.3	
Dyna Gro	S34XT69	RX	B	82.2	9/18	2.3	41.1	79.9	86.4	80.3		
Dyna Gro	S35XT97	RX	B	83.9	9/18	2.4	42.3	83.4	85.4	82.8	83.0	82.3
FS HiSOY®	28C70	CV	B	75.4	9/14	2.7	41.8	69.4	79.9	77.0	76.6	
FS HiSOY®	32L60	LL	B	76.3	9/17	2.7	39.0	73.9	80.7	74.2		
FS HiSOY®	32X80	RX	B	77.7	9/16	1.8	41.2	80.3	78.2	74.7		
FS HiSOY®	33X80	RX	B	81.5	9/19	2.0	43.2	82.9	81.2	80.4		
FS HiSOY®	34C80	CV	B	82.3	9/18	2.8	43.2	85.3	84.0	77.5		
FS HiSOY®	34X60	RX	B	83.9	9/20	2.0	40.9	84.9	82.2	84.8	79.4	80.4
FS HiSOY®	35X80	RX	B	80.5	9/19	3.1	42.7	81.9	83.7	76.0		
Illini	2723N	CV	B	77.1	9/12	3.7	39.9	67.6	87.6	76.0		
Illini	2904N	CV	B	80.0	9/19	3.5	37.4	69.4	85.5	85.0	79.9	80.3
Illini	3025N	CV	B	79.4	9/13	2.8	40.9	67.8	89.5	80.9	81.0	81.1
Illini	3264N	CV	B	84.0	9/14	1.9	36.8	83.6	81.9	86.4	79.5	79.8
Illini	3546N	CV	B	86.1	9/18	2.4	39.8	77.7	95.1	85.5		
LG Seeds	C3010RX	RX	B	77.7	9/16	2.4	38.4	75.4	81.4	76.3		
LG Seeds	C3550RX	RX	B	88.1	9/20	2.3	43.2	88.0	92.7	83.8		
LG Seeds	LGS3297RX	RX	B	83.1	9/19	1.7	42.3	82.9	87.4	78.9		
LG Seeds	LGS3411RX	RX	B	82.8	9/18	2.9	43.7	84.3	83.1	81.1		
Martin	M33X	RX	NA	81.8	9/18	2.2	45.9	82.4	83.7	79.4		
Martin	M35C	RR	NA	73.7	9/20	2.5	42.7	68.6	81.2	71.2	76.6	
Munson	9349RR2X	RX	B	82.7	9/20	2.9	43.7	81.0	86.9	80.1		
NuTech	3309L	LL	B	76.3	9/18	2.2	46.2	70.0	77.6	81.4		
NuTech	3321L	LL	B	80.6	9/14	2.5	41.1	70.8	87.6	83.4	79.5	
NuTech	3341L	LL	B	83.7	9/17	2.4	40.8	81.2	86.3	83.6	82.6	81.2
NuTech	7295	RR	B	77.3	9/9	2.4	37.0	80.9	78.1	72.9		
NuTech	7337	RR	B	80.1	9/19	2.0	40.6	74.2	85.7	80.5		
NuTech	7352X	RX	B	82.5	9/21	2.2	47.0	86.9	84.7	76.1	79.9	
Pioneer	P31A22X*	RX	B	80.6	9/12	3.2	38.8	71.6	87.5	82.8		
Pioneer	P33T19X*	RX	B	76.5	9/16	1.9	43.9	77.5	80.4	71.8		
Public	Dwight	CV	B	69.5	9/10	3.8	41.0	57.5	76.3	74.7	67.9	66.5
Public	Jack	CV	B	67.2	9/15	4.2	45.0	62.6	69.5	69.4	67.3	66.2
Stine	31LI32	LL	B	75.8	9/12	3.0	36.1	65.7	80.3	81.4		
Stine	33LI32	LL	B	75.9	9/10	2.7	38.1	68.2	82.0	77.4		
Stine	34BA02	GT	B	83.9	9/19	2.5	37.8	78.4	88.1	85.1	81.0	
Stone	2RX3229	RX	B	79.8	9/18	1.8	42.7	85.3	77.6	76.5		
Stone	2RX3449	RX	B	77.1	9/20	3.4	42.7	76.0	78.7	76.5		
Sun Prairie	SP34RX8	RX	B	81.3	9/17	2.4	43.1	80.5	82.1	81.3		
Sun Prairie	SP35RX8	RX	B	82.3	9/19	3.0	42.3	78.7	88.7	79.7		
AVERAGE				80.0	9/17	2.6	41.7	77.3	83.5	79.3		
L.S.D. 25% LEVEL				4.2		0.5	1.4	4.8	4.6	3.3		
COEFF. OF VAR. (%)				9.7		33.8	6.1	6.5	5.8	4.4		

<sup>1</sup>ST- U= Untreated, F=Fungicide, Fe= Fungicide + Illevo, B= Fungicide + Insecticide, Be= Fungicide + Insecticide + Illevo, NA= Information not Available

**2018 Soybean Test Results  
Region 3 Late**

COMPANY	NAME	Herbicide Trait	ST <sup>1</sup>	Regional Results				Perry Yield bu/a	New Berlin Yield bu/a	Urbana Yield bu/a	2 yr Avg Yield bu/a	3 yr Avg Yield bu/a
				Yield bu/a	Maturity Date	Lodging 1-5	Height in					
<b>Late MG: 3.6-4.3</b>												
Asgrow	A3956	CV	B	78.3	9/21	2.9	47.3	76.9	78.8	79.3	79.7	77.7
Asgrow	AG36X6	RX	B	84.1	9/21	1.9	41.3	88.3	84.1	79.8		
Asgrow	AG37X9	RX	B	79.1	9/24	2.8	48.6	83.6	79.2	74.5		
Asgrow	AG39X7	RX	B	83.5	9/22	2.3	45.2	83.0	86.5	80.8	80.5	78.9
Asgrow	AG42X9	RX	B	83.1	9/27	2.6	53.7	93.0	76.8	79.5		
Channel	3718R2X	RX	Be	81.7	9/19	2.4	41.5	84.5	83.5	77.0	81.7	
Channel	4018R2X	RX	Be	80.0	9/26	1.6	48.2	85.4	76.1	78.4		
Credenz	CZ 3601 LL	LL	Be	84.0	9/20	2.0	44.2	89.4	86.7	75.7		
Credenz	CZ 3841 LL	LL	Be	81.9	9/18	2.3	44.7	85.6	86.3	73.9	79.5	78.2
Credenz	CZ 4105 LL	LL	Be	77.1	9/24	2.4	46.4	77.3	77.0	77.1	77.8	77.2
Credenz	CZ 4308 LL	LL	Be	77.2	9/25	2.9	48.3	84.6	72.8	74.1		
Dyna Gro	S36XT09	RX	B	78.2	9/18	2.7	43.8	77.3	77.9	79.2		
Dyna Gro	S37XS89	RX	B	87.4	9/22	2.5	46.6	93.8	84.5	83.9		
Dyna Gro	S37XT28	RX	B	80.8	9/23	2.4	43.7	90.1	74.9	77.4	79.2	
Dyna Gro	S39XT08	RX	B	73.2	9/21	2.6	49.4	73.3	78.1	68.1	75.2	
FS HiSOY®	37X70	RX	B	82.3	9/23	1.9	43.3	88.8	79.5	78.5	78.9	
FS HiSOY®	38L32	LL	B	79.8	9/18	1.4	42.2	83.0	82.9	73.4	77.5	77.0
FS HiSOY®	38X70	RX	B	84.0	9/23	2.5	46.2	82.1	91.3	78.5	81.5	
FS HiSOY®	39C42	CV	B	85.3	9/24	2.5	42.8	90.6	80.3	85.2	81.1	78.8
FS HiSOY®	39X70	RX	B	79.3	9/24	2.1	45.5	84.7	77.3	75.8	78.8	
FS HiSOY®	41L42	LL	B	80.9	9/23	2.0	44.7	79.4	82.0	81.2	79.7	78.8
FS HiSOY®	41X70	RX	B	81.9	9/25	1.7	46.2	85.7	81.3	78.7	80.2	
FS HiSOY®	42L70	LL	B	72.3	9/27	2.7	48.9	75.5	72.2	69.1	71.6	
FS HiSOY®	43C60	CV	B	69.0	9/24	2.9	45.2	70.1	67.9	68.9	70.5	69.1
FS HiSOY®	43X60	RX	B	76.2	9/29	2.3	48.7	78.1	75.7	74.6	76.8	
Go Soy	43C17S	CS	B	68.8	9/25	2.1	38.4	65.4	70.2	70.7		
Green Valley	38X9	RX	B	82.3	9/23	2.4	45.4	84.3	80.9	81.7		
Green Valley	39X7	RX	B	80.0	9/22	2.1	47.1	81.8	79.0	79.0	78.6	
Green Valley	GV 36X7	RX	B	80.9	9/23	2.7	43.5	90.1	76.6	76.2		
Hoblit	368LL	LL	B	85.3	9/18	1.9	42.4	93.6	85.3	77.0	83.3	
Hoblit	384LL	LL	B	82.2	9/17	1.6	41.7	82.8	87.8	75.9	80.1	79.9
Hoblit	418LL	LL	B	77.3	9/23	2.4	45.8	79.7	74.3	78.1		
Illini	3613N	CV	B	80.7	9/17	3.2	44.0	76.2	87.6	78.4		
Illini	3648N	CV	B	87.2	9/18	1.9	39.6	86.5	90.8	84.3		
LG Seeds	LGS3777RX	RX	B	86.0	9/23	2.8	46.2	87.7	89.1	81.2		
Munson	8380	CV	B	79.6	9/25	3.5	43.1	83.2	82.2	73.5	77.4	
Munson	9369RR2X	RX	B	80.9	9/21	3.0	42.6	80.6	82.4	79.6		
Munson	9389RR2X	RX	B	84.1	9/22	2.1	44.6	84.2	84.6	83.4		
Munson	9408RR2X	RX	B	80.0	9/23	2.2	45.7	84.7	78.7	76.5	80.0	
NuTech	3361L	LL	B	79.4	9/20	1.8	40.3	84.8	74.1	79.3		
NuTech	3386L	LL	B	81.7	9/20	1.6	42.3	88.7	82.6	73.8	80.1	79.7
NuTech	7387X	RX	B	79.6	9/23	2.4	44.7	78.6	79.4	80.8	78.7	
Pioneer	P36T36X	RX	B	77.8	9/20	2.5	46.7	80.0	77.1	76.3		
Pioneer	P38A98X*	RX	B	78.3	9/21	2.3	45.6	81.9	79.3	73.7		
Pioneer	P40T84X	RX	B	78.3	9/26	1.8	44.6	73.8	80.1	81.0	76.9	
Power Plus®	36A1X TM*	RX	B	80.5	9/17	2.0	46.2	86.6	79.0	75.9		
Public	Williams 82	CV	B	52.0	9/21	3.3	49.4	57.7	51.5	46.9	57.0	50.7
Renk	RS379NX	RX	B	83.0	9/23	2.9	45.0	79.6	84.1	85.4		
Renk	RS398NX	RX	B	79.5	9/23	2.1	46.3	78.0	80.5	80.1	78.0	
Stine	36LE32	LL	B	76.0	9/17	2.7	42.6	77.6	79.8	70.5		
Stine	38LE02	LL	B	78.0	9/20	2.3	40.8	78.1	79.7	76.3	76.9	
Stine	41BA20	GT	B	75.4	9/23	2.3	45.4	61.0	84.1	81.2	76.6	
Stone	2RX3628	RX	B	84.4	9/21	2.3	43.5	89.3	84.7	79.3		
Stone	2RX3928	RX	B	80.7	9/20	2.4	44.4	86.9	79.0	76.2	78.7	
Stone	2RX4029	RX	B	83.4	9/26	2.5	45.3	91.2	79.6	79.3		
Sun Prairie	SP38RX7	RX	B	84.5	9/19	2.9	46.1	82.0	90.6	81.0	83.4	
AVERAGE				79.9	9/21	2.4	44.7	82.2	80.2	77.5		
L.S.D. 25% LEVEL				4.1		0.4	1.4	6.6	4.3	3.6		
COEFF. OF VAR. (%)				9.4		29.4	5.7	8.5	5.6	4.8		

<sup>1</sup>ST- U= Untreated, F=Fungicide, Fe= Fungicide + Illevo, B= Fungicide + Insecticide, Be= Fungicide + Insecticide + Illevo, NA= Information not Available

**2018 Soybean Test Results  
Region 4 Early**

COMPANY	NAME	Herbicide Trait	ST <sup>1</sup>	Regional Results				Belleville Yield bu/a	St. Peter Yield bu/a	2 yr Avg Yield bu/a	3 yr Avg Yield bu/a
				Yield bu/a	Maturity Date	Lodging 1-5	Height in				
<b>Early MG: 3.3-4.0</b>											
AgVenture	38E8LL	LL	B	70.2	9/21	2.7	41.5	81.2	59.2	68.9	69.4
AgVenture	38H4R	RR	B	67.6	9/22	2.2	44.1	84.2	51.1	67.2	69.4
AgVenture	38U7X	RX	B	70.9	9/22	2.1	45.8	76.4	65.5		
AgVenture	40U8LL	LL	B	71.2	9/24	2.8	44.5	79.5	62.9		
Asgrow	AG36X6	RX	B	71.8	9/19	1.5	38.1	77.8	65.7	69.6	72.0
Asgrow	AG39X7	RX	B	72.7	9/20	2.0	42.8	79.0	66.4	70.8	71.8
Baker	3782NRXSTS	RX	Fe	71.6	9/22	2.0	41.0	79.1	64.0	69.8	
Biogene	BG37L17N	LL	U	70.3	9/23	2.5	40.3	78.9	61.7	66.6	
Channel	3519R2X	RX	Be	72.6	9/15	1.9	40.6	83.0	62.2		
Channel	3718R2X	RX	Be	75.7	9/16	1.7	38.0	85.2	66.2	73.7	
Channel	4018R2X	RX	Be	68.5	9/24	1.8	50.1	77.1	59.9		
Credenz	CZ 3601 LL	LL	Be	75.8	9/20	1.8	42.7	85.8	65.7	71.0	
Credenz	CZ 3841 LL	LL	Be	69.7	9/19	3.2	42.5	76.9	62.5	67.9	68.3
Dyna Gro	S37X89	RX	B	78.7	9/24	2.5	43.2	87.5	69.9		
Dyna Gro	S37XT28	RX	B	73.9	9/19	1.8	41.8	81.4	66.3	71.2	
Dyna Gro	S39XT08	RX	B	66.3	9/22	2.7	45.2	75.2	57.5	67.1	
Dyna Gro	S39XT68	RX	B	66.1	9/21	2.7	42.2	71.7	60.5	67.8	
FS HiSOY®	38L32	LL	B	68.3	9/21	2.0	40.5	78.2	58.4		
FS HiSOY®	38X70	RX	B	72.8	9/20	2.7	43.0	79.8	65.9	71.9	
FS HiSOY®	39C42	CV	B	67.0	9/23	3.3	41.2	66.9	67.0	65.6	
FS HiSOY®	39X70	RX	B	72.9	9/25	2.7	44.3	81.3	64.5	70.6	
Hoblit	368LL	LL	B	68.7	9/22	2.0	39.7	75.3	62.1		
Hoblit	384LL	LL	B	69.9	9/19	1.8	41.2	77.9	61.9	69.5	70.6
Hoffman	H393N	CV	B	71.5	9/23	2.3	41.7	75.9	67.0	68.8	66.2
Illini	3546N	CV	B	75.5	9/18	2.2	36.8	79.1	71.9		
Illini	3648N	CV	B	75.8	9/17	1.5	38.7	81.6	70.0		
Illini	3822NSTS	CV	B	61.9	9/18	3.5	40.3	70.0	53.8	63.0	62.4
Illini	3849N	CV	B	72.3	9/18	3.1	37.9	78.5	66.1	69.1	66.7
Illini	3855N	CV	B	76.4	9/20	1.7	38.1	85.9	67.0		
Illini	3957	CV	B	68.6	9/22	2.4	42.2	72.9	64.3		
Illini	4014N	CV	B	66.4	9/17	2.7	42.3	68.4	64.4		
Illini	4035N	CV	B	69.7	9/23	1.8	45.1	79.5	60.0		
LG Seeds	C3550RX	RX	B	71.1	9/19	1.5	38.2	79.3	62.8		
LG Seeds	LGS3411RX	RX	B	73.7	9/18	3.2	45.2	80.9	66.4		
LG Seeds	LGS3777RX	RX	B	79.7	9/23	2.3	43.7	84.9	74.5		
Pioneer	P33T19X*	RX	B	67.8	9/13	1.8	40.2	78.3	57.2		
Pioneer	P36T36X	RX	B	71.6	9/14	2.5	45.1	83.0	60.2	68.7	
Pioneer	P38A98X*	RX	B	70.0	9/16	2.8	43.0	78.3	61.7		
Pioneer	P40T84X	RX	B	71.2	9/18	1.8	42.2	81.5	60.8	69.3	
Power Plus®	36A1X TM*	RX	B	70.1	9/21	2.2	42.4	74.7	65.4	69.6	69.5
Stine	36LE32	LL	B	66.9	9/16	2.2	39.4	72.2	61.7		
Stine	38LE02	LL	B	72.1	9/18	1.9	38.8	84.5	59.7		
Stone	2RX3628	RX	B	74.1	9/17	1.7	38.6	85.7	62.5	73.8	
Stone	2RX3928	RX	B	71.6	9/23	2.0	42.2	81.9	61.3	70.8	
Stone	2RX4029	RX	B	73.4	9/24	1.5	41.3	79.1	67.7		
Sun Praire	SP38RX7	RX	B	77.0	9/16	2.7	43.0	84.0	70.0	75.0	
AVERAGE				71.2	9/20	2.3	41.9	78.9	63.5		
L.S.D. 25% LEVEL				4.7		0.5	2.5	4.5	5.1		
COEFF. OF VAR. (%)				9.8		31.3	8.7	6.0	8.5		

<sup>1</sup>ST- U= Untreated, F=Fungicide, Fe= Fungicide + Illevo, B= Fungicide + Insecticide, Be= Fungicide + Insecticide + Illevo, NA= Information not Available

**2018 Soybean Test Results  
Region 4 Late**

COMPANY	NAME	Herbicide Trait	ST <sup>1</sup>	Regional Results				Belleville Yield bu/a	St. Peter Yield bu/a	2 yr Avg Yield bu/a	3 yr Avg Yield bu/a 2 yr
				Yield bu/a	Maturity Date	Lodging 1-5	Height in				
AGS	GS46X17	RX	B	53.2	9/27	2.3	43	56.8	49.6		
AgVenture	41H1LL	LL	B	71.4	9/24	1.7	43.4	73.0	69.9		
AgVenture	43U2X	RX	B	70.5	10/1	2.8	48.7	71.4	69.7		
AgVenture	43U6LL	LL	B	71.7	9/29	3.2	51.7	75.9	67.5		
AgVenture	44U4LL	LL	B	63.8	9/30	2.3	45.4	62.7	64.8		
AgVenture	45U1X	RX	B	82.5	9/25	1.7	42.0	82.9	*		
AgVenture	45W7R	RR	B	69.9	9/30	2.2	41.3	78.8	61.0	75.1	
AgVenture	46M8LL	LL	B	63.3	10/1	2.0	43.6	65.4	61.1	70.8	69.2
AgVenture	47W3LL	LL	B	75.2	9/30	1.5	41.5	74.3	*	75.2	
Asgrow	AG41X8	RX	B	67.1	9/26	1.7	44.7	71.1	63.1		
Asgrow	AG42X6	RX	B	75.7	9/20	1.8	42.8	84.7	66.8	77.3	76.0
Asgrow	AG42X9	RX	B	71.3	9/30	2.3	47.9	77.8	64.7		
Asgrow	AG44X6	RX	B	71.3	9/30	2.7	44.7	71.6	70.9	73.2	73.5
Asgrow	AG46X6	RX	B	66.0	9/30	2.7	44.5	70.2	61.9	72.3	
Baker	4472NRXSTS	RX	Fe	64.8	10/1	2.8	45.2	70.3	59.3	66.6	71.0
Baker	4862NRX	RX	Fe	69.6	10/1	1.7	41.9	74.0	65.3		
Biogene	BG41L15N	LL	U	58.2	9/25	2.8	42.3	59.2	57.1	67.7	68.1
Channel	4717R2X/SR	RX	Be	63.5	10/2	1.8	47.2	62.3	64.7		
Credenz	CZ 4105 LL	LL	Be	72.3	9/24	1.5	42.2	76.4	68.3	76.2	73.8
Credenz	CZ 4308 LL	LL	Be	64.9	9/29	3.0	45.9	63.5	66.4	71.3	
Credenz	CZ 4548 LL	LL	Be	57.5	9/25	3.0	42.1	53.0	62.0	66.3	
Dyna Gro	S41XS98	RX	B	69.8	9/25	3.0	45.0	76.1	63.5	74.4	
Dyna Gro	S4209N	CV	B	60.1	9/24	2.7	44.9	60.8	59.4		
Dyna Gro	S43XS27	RX	B	70.9	10/1	2.3	46.5	74.6	67.1	75.8	76.2
FS HiSOY®	41L42	LL	B	73.2	9/25	1.7	41.5	77.2	69.2	75.6	74.3
FS HiSOY®	41X70	RX	B	73.6	9/25	2.2	44.4	83.2	64.0	77.2	
FS HiSOY®	42L70	LL	B	65.1	9/29	3.0	43.5	64.2	66.0	70.2	
FS HiSOY®	43C60	CV	B	64.0	9/24	3.0	43.8	67.3	60.6	68.2	64.2
FS HiSOY®	43X60	RX	B	66.9	9/29	2.0	45.7	73.1	60.8	73.1	74.5
FS HiSOY®	44L60	LL	B	66.9	9/29	1.3	38.9	69.9	63.9	71.9	69.7
FS HiSOY®	45X80	RX	B	64.0	9/30	2.3	47.8	64.4	63.6		
Go Soy	43C17S	CS	B	59.8	9/25	1.7	37.6	64.8	54.7		
Go Soy	E4510S	CS	B	64.0	9/24	2.0	41.8	68.7	59.2		
Hoblit	418LL	LL	B	69.0	9/26	1.8	41.4	72.0	66.0	74.0	
Hoffman	H416N	CV	B	63.1	9/24	3.2	40.2	65.0	61.2	70.1	67.4
Hoffman	H45L17	LL	B	65.1	9/23	1.2	40.4	69.5	60.7	71.1	70.6
Hoffman	H47L16	LL	B	69.6	9/25	2.0	38.9	77.9	61.2	74.4	
Hoffman	H47L19	LL	B	70.1	9/25	2.3	39.9	71.7	68.5		
LG Seeds	C4227RX	RX	B	79.2	9/27	2.0	41.3	91.5	67.0		
Missouri	S13-10590C	CV	Be	61.6	9/24	2.0	44.1	65.8	57.3		
Missouri	S14-9051R	RR	Be	67.0	9/29	2.7	44.7	69.1	65.0		
Stine	41BA20	GT	B	63.3	9/23	2.7	44.8	65.0	61.6		
Stine	41LF32	LL	B	63.3	9/24	1.8	39.7	63.8	62.7		
Stine	42LF22	LL	B	66.0	9/26	2.0	39.0	75.5	56.5		
Stone	2RX4228-SR	RX	B	75.5	9/26	2.0	44.7	83.4	67.6	78.0	
Stone	2RX4339-SR	RX	B	75.5	10/2	1.3	41.8	79.4	71.6		
Sun Prairie	SP42RX7	RX	B	72.1	9/23	2.5	43.7	80.9	63.3	77.0	
	AVERAGE			67.7	9/25	2.3	43.5	71.7	63.7		
	L.S.D. 25% LEVEL			6.2		0.5	2.2	5.0	3.9		
	COEFF. OF VAR. (%)			13.6		34.1	7.4	7.4	6.4		

<sup>1</sup>ST- U= Untreated, F=Fungicide, Fe= Fungicide + Illevo, B= Fungicide + Insecticide, Be= Fungicide + Insecticide + Illevo, NA= Information not Available

**2018 Soybean Test Results  
Region 5 Early**

COMPANY	NAME	Herbicide Trait	ST <sup>1</sup>	Regional Results				Elkville Yield bu/a	Harrisburg Yield bu/a	2 yr Avg Yield bu/a	3 yr Avg Yield bu/a
				Yield bu/a	Maturity Date	Lodging 1-5	Height in				
<b>Early MG: 3.6-4.2</b>											
AgVenture	38E8LL	LL	B	68.6	9/16	1.2	37.0	65.2	72.1	72.0	69.8
AgVenture	38H4R	RR	B	69.8	9/16	1.8	41.6	68.2	71.4	74.3	72.3
AgVenture	38U7X	RX	B	70.7	9/15	1.5	39.9	69.1	72.3		
AgVenture	40U8LL	LL	B	73.1	9/22	1.8	42.1	70.1	76.1		
AgVenture	41H1LL	LL	B	67.8	9/20	1.4	39.6	67.6	67.9	72.6	70.3
Asgrow	AG39X7	RX	B	71.2	9/15	1.5	41.7	70.4	72.1	75.0	71.5
Asgrow	AG41X8	RX	B	72.5	9/20	1.5	45.0	71.9	73.1		
Asgrow	AG42X6	RX	B	71.1	9/18	1.9	45.2	71.2	71.0	74.9	72.7
Asgrow	AG42X9	RX	B	73.9	9/23	1.7	48.8	69.0	78.9		
Baker	4282NRXSTS	RX	Fe	72.8	9/17	1.2	40.8	71.0	74.5		
Channel	3519R2X	RX	Be	73.2	9/13	1.3	39.6	69.7	76.7		
Channel	3718R2X	RX	Be	68.9	9/14	1.0	35.5	64.3	73.5	75.1	
Channel	4018R2X	RX	Be	71.6	9/20	1.3	41.2	72.8	70.4		
Credenz	CZ 4105 LL	LL	Be	69.5	9/17	1.1	37.1	71.5	67.6	73.0	69.6
Dyna Gro	S39XT68	RX	B	71.9	9/15	1.7	39.9	68.0	75.7	72.6	
Dyna Gro	S41XS98	RX	B	77.3	9/17	1.3	40.3	75.5	79.1	77.6	
Dyna Gro	S4209N	CV	B	70.8	9/20	1.2	44.9	72.1	69.5		
Hoffman	H393N	CV	B	67.9	9/16	1.7	39.4	65.8	70.1	71.0	70.2
Hoffman	H416N	CV	B	69.9	9/16	1.4	36.8	67.9	71.9	70.4	69.3
Hoffman	H41L16	LL	B	69.2	9/16	1.2	38.5	67.8	70.7	72.9	
Illini	3822NSTS	CV	B	59.7	9/13	2.4	39.1	56.1	63.3	62.6	60.8
Illini	3855N	CV	B	69.5	9/14	1.7	34.8	63.6	75.5		
Illini	3957	CV	B	72.1	9/14	1.7	39.0	70.9	73.2		
Illini	4014N	CV	B	63.7	9/13	2.1	39.2	60.3	67.1		
Illini	4035N	CV	B	70.8	9/14	1.4	41.4	67.7	73.9		
LG Seeds	C4227RX	RX	B	79.4	9/19	1.5	39.9	72.4	86.4		
LG Seeds	LGS3777RX	RX	B	77.3	9/20	1.5	39.1	74.6	80.1		
Pioneer	P36T36X	RX	B	68.2	9/14	1.9	40.3	63.3	73.2	70.4	
Pioneer	P38A98X*	RX	B	65.9	9/14	1.8	39.9	59.0	72.7		
Pioneer	P40T84X	RX	B	70.2	9/16	1.2	39.4	68.4	72.0	72.9	
Stine	36LE32	LL	B	68.5	9/15	1.1	38.8	63.7	73.3		
Stine	38LE02	LL	B	72.5	9/14	0.9	38.2	69.0	76.0		
Stine	41BA20	GT	B	69.7	9/20	1.8	40.9	70.2	69.1		
Stine	41LF32	LL	B	70.5	9/16	1.2	36.5	67.9	73.0		
Stine	42LF22	LL	B	70.1	9/16	1.3	39.0	72.5	67.7		
Stone	2RX4029	RX	B	75.5	9/17	1.6	41.9	74.4	76.5		
Stone	2RX4228-SR	RX	B	75.7	9/22	1.2	39.8	72.7	78.8	73.7	
AVERAGE				70.9	9/16	1.5	40.4	68.7	73.1		
L.S.D. 25% LEVEL				3.7		0.5	1.8	2.9	3.5		
COEFF. OF VAR. (%)				7.7		50.7	6.4	4.4	5.0		

<sup>1</sup>ST- U= Untreated, F=Fungicide, Fe= Fungicide + Illevo, B= Fungicide + Insecticide, Be= Fungicide + Insecticide + Illevo, NA= Information not Available



**2018 Soybean Test Results  
Region 5 Late**

COMPANY	NAME	Herbicide Trait	ST <sup>1</sup>	Regional Results				Elkville Yield bu/a	Harrisburg Yield bu/a	2 yr Avg Yield bu/a	3 yr Avg Yield bu/a
				Yield bu/a	Maturity Date	Lodging 1-5	Height in				
<b>Late MG: 4.3-4.9</b>											
AGS	GS46X17	RX	B	63.1	9/23	1.2	36.2	60.3	65.0		
AGS	GS48X18	RX	B	68.7	9/23	1.8	41.8	65.5	70.9		
AgVenture	43U6LL	LL	B	72.0	9/22	2.4	44.4	65.5	76.4		
AgVenture	43U2X	RX	B	74.5	9/23	1.4	46.6	68.2	78.7		
AgVenture	44U4LL	LL	B	63.4	9/22	1.6	41.6	62.5	64.0		
AgVenture	45U1X	RX	B	66.8	9/23	2.0	40.4	58.5	72.4		
AgVenture	45W7R	RR	B	70.8	9/24	1.2	36.4	61.7	76.8	73.0	
AgVenture	46M8LL	LL	B	66.7	9/23	1.4	41.6	66.8	66.6	67.3 67.2	
AgVenture	47W3LL	LL	B	65.1	9/24	1.4	42.0	67.2	63.6	67.2	
Asgrow	AG44X6	RX	B	67.0	9/24	2.0	40.4	58.1	72.8	67.7	
Asgrow	AG46X6	RX	B	71.4	9/27	1.8	43.2	69.3	72.8	71.3	
Asgrow	AG48X9	RX	B	73.4	10/1	1.4	42.8	68.3	76.8		
Baker	4472NRXSTS	RX	Fe	68.0	9/25	2.2	42.0	69.7	66.9	61.9	
Baker	4692NRXSTS	RX	Fe	61.8	9/27	1.8	43.2	54.3	66.8		
Baker	4862NRX	RX	Fe	69.9	9/30	1.2	40.8	67.0	71.9	70.4	
Channel	4717R2X/SR	RX	Be	67.2	9/30	1.2	44.6	68.5	66.4		
Credenz	CZ 4308 LL	LL	Be	64.9	9/20	2.8	41.0	58.9	68.9	66.5	
Credenz	CZ 4548 LL	LL	Be	61.3	9/19	2.4	40.4	61.7	61.0	63.3	
Credenz	CZ 4820 LL	LL	Be	67.0	9/21	1.8	43.2	68.9	65.7	67.7	
Dyna Gro	S43XS27	RX	B	70.5	9/26	2.4	43.8	68.4	71.9	68.9	
Dyna Gro	S44XS68	RX	B	67.9	9/23	1.6	45.2	64.5	70.2		
Dyna Gro	S46XS87	RX	B	68.9	9/27	1.0	48.8	71.8	67.0	67.8	
FS HiSOY®	43X60	RX	B	66.3	9/28	1.8	42.0	66.0	66.5	66.4	
FS HiSOY®	44L60	LL	B	61.9	9/23	1.0	35.4	56.1	65.7	63.2	
FS HiSOY®	45X80	RX	B	68.5	9/28	1.6	45.4	63.1	72.1		
FS HiSOY®	46X60	RX	B	66.0	9/29	1.2	48.0	69.5	63.6	66.1	
FS HiSOY®	47L50	LL	B	60.0	9/23	1.8	40.0	57.6	61.6	63.1 63.5	
FS HiSOY®	48X70	RX	B	66.6	9/30	2.0	47.2	63.9	68.4	65.9	
FS HiSOY®	49L80	LL	B	66.9	9/23	1.4	36.6	62.3	69.9		
FS HiSOY®	49X60	RX	B	73.1	9/29	1.2	42.4	65.2	78.4	72.5	
Go Soy	43C17S	CS	B	61.0	9/16	1.0	30.8	51.8	67.1		
Go Soy	49G16	RR	B	58.6	9/27	2.8	34.9	57.7	59.3		
Go Soy	E4510S	CS	B	58.7	9/22	1.6	36.2	49.9	64.5		
Hoffman	H45L17	LL	B	65.1	9/25	1.0	34.2	59.2	69.0	66.1 64.9	
Hoffman	H47L19	LL	B	70.5	9/22	1.2	37.2	63.8	74.9		
Missouri	S13-10590C	CV	Be	60.8	9/20	1.4	38.0	50.5	67.8	64.0	
Missouri	S14-15138R	RS	Be	65.3	9/26	1.8	40.4	65.7	65.0		
Missouri	S14-9051R	RR	Be	62.1	9/19	2.2	36.6	59.5	63.9	64.9	
Stone	2RX4438	RX	B	70.6	9/27	1.6	37.1	55.1	81.0	72.0	
Stone	2RX4629-SR	RX	B	72.9	9/28	1.4	43.0	72.3	73.3		
Stone	2RX4939-SR	RX	B	68.1	9/30	1.6	45.6	65.6	69.8		
AVERAGE				66.8	9/23	1.7	41.0	62.5	69.6		
L.S.D. 25% LEVEL				5.5		0.6	2.4	4.2	3.4		
COEFF. OF VAR. (%)				11.2		48.6	7.9	5.7	5.2		

<sup>1</sup>ST- U= Untreated, F=Fungicide, Fe= Fungicide + Illevo, B= Fungicide + Insecticide, Be= Fungicide + Insecticide + Illevo, NA= Information not Available