



**Southern**  
Illinois University  
**Carbondale**

**2011**

**Soybean Sudden Death Syndrome**

**Commercial Variety Test Results**

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Over 900 commercially available varieties, ranging in maturity from Maturity Group (MG) I to MG V were tested in 2011. Each MG was split into early (E) and late (L) categories (except for MG I and MG V). Maturity Groups were then split into Conventional or Roundup Ready (RR) for a total of 16 trials. The MG I through MG III E trials were planted at three northern locations: Fairbury, Manito, and Beardstown, IL. The late MG III through MG V were planted at three southern locations: Carbondale, Shawneetown, and Valmeyer, IL. Results are provided for Manito and Valmeyer trials because these locations exhibited sufficient foliar symptoms of SDS.

Variables reported for each variety are:

**Entry:** Check varieties are listed with the following designations.

sus: Susceptible

res: Resistant

int sus: intermediately susceptible

int res: intermediately resistant

**Foliar DX:** SDS disease index is calculated as (DI\*DS)/9. DX ranges from 0-100. Plots were rated at R6 (full seed) growth stage. Numbers represent the mean of 3 replications.

DI: SDS disease incidence scored as % of plants with symptoms.

DS: SDS disease severity scored on a 1-9 scale with 1=mild chlorosis, 5=severe leaf scorch, and 9=premature death of plant.

**Relative DX:** Every trial contains at least one susceptible check that is appropriate for that MG and herbicide compatibility trait. Relative DX allows comparison of a particular entry against the susceptible check. It is the DX percentage of the susceptible check's DX.

**Suggested Category:** Entries are classified according to Relative DX.

R: Resistant with a Relative DX of 0-20

MR: Moderately Resistant with a Relative DX of 21-40

MS: Moderately Susceptible with a Relative DX of 41-60

S: Susceptible with a Relative DX of 61+

On some occasions, entries with the same **Foliar DX** are assigned different **Suggested Category**. This is due to rounding of **Foliar DX** and because **Suggested Category** is assigned according to **Relative DX**. Please see the example below from the Maturity Group I Roundup Ready test.

Company	Entry	Foliar DX	Relative DX	Suggested Category
Merschman Seeds	MERSCHMAN MARS 1219RR2Y	4	20	R
Merschman Seeds	MERSCHMAN VENUS 1214RR2Y	4	20	R
Latham	LATHAM 1783R2	4	22	MR
Dairyland Seed	DSR-1710/R2Y	5	28	MR

Beardstown, Manito, Fairbury, Carbondale, and Valmeyer were planted timely with the first planting date being May 3 and the last date being May 11. Shawneetown was delayed due to flooding and was not planted until June 6. In general, the 2011 soybean crop had sporadic occurrences of SDS in the south and central portions of Illinois. The central and northern tier counties experienced more frequent occurrences and severe SDS. Please keep in mind that no variety is completely resistant to SDS. However, there are varieties that perform very well in severe SDS environments. Data presented here is from a single year at one location. Varieties may perform differently under different environments.

The impact of SDS on soybean yield can be devastating. The results from 15 years of genetic trials indicate there is a 7 to 10% yield loss associated with each 10 DX unit increase. Plots were not harvested for yield in this program. Yield comparisons can be misleading from disease nurseries utilizing small plots. Accurate yield data for commercial varieties can be obtained from sources such as the UIUC Variety Testing Program, (<http://vt.cropsci.illinois.edu>), also available at [www.vipsoybeans.org](http://www.vipsoybeans.org).

For more information on SIUC soybean research and for electronic access to this report, visit [www.soybeandiseases.info](http://www.soybeandiseases.info).

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We would like to thank the following companies for participating in the Southern Illinois University 2011 Soybean Sudden Death Syndrome Test.

Companies are listed in alphabetical order.

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Bo-Jac Seed Company / Mavrick Brand Soybeans  
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Dyna-Gro Seed  
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Great Heart Seed  
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Hornbeck Seed/Bayer  
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LG Seeds  
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Lewis Hybrids  
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Merschman Seeds, Inc.  
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Excel Brand  
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GrowMark  
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Kruger Seeds  
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Latham Hi-Tech Seeds  
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Entries from companies not listed here were submitted through the VIPS program.

**2011 SIU SDS Commercial Variety Test - Manito IL  
Maturity Group I Conventional**

<b>Company</b>	<b>Entry</b>	<b>Foliar DX</b>	<b>Relative DX</b>	<b>Suggested Category</b>
Stine	Stine 18LC08	0	0	R
Check	<b>AR10SDS (res)</b>	<b>0</b>	<b>1</b>	<b>R</b>
Check	<b>M00-456052 (res)</b>	<b>1</b>	<b>9</b>	<b>R</b>
Stine	Stine 02LC26	3	18	R
Latham	LATHAM 1773L	4	24	MR
Check	<b>Venus RR (int res)</b>	<b>5</b>	<b>27</b>	<b>MR</b>
Iowa State	A09-755048	5	28	MR
Iowa State	IA1008LF	6	33	MR
LG Seed	C1829LL	6	34	MR
Excel Brand	Excel Brand 7156STS	10	57	MS
Check	<b>M97-357138 (sus)</b>	<b>10</b>	<b>59</b>	<b>MS</b>
The Ohio State	Ox20-8	10	59	MS
Check	<b>Myc 5171 RR (int sus)</b>	<b>17</b>	<b>100</b>	<b>S</b>

**2011 SIU SDS Commercial Variety Test - Manito IL**  
**Maturity Group I Roundup Ready**

Company	Entry	Foliar DX	Relative DX	Suggested Category
LG Seeds	C0915R2	0	0	R
LG Seeds	C1211R2	0	0	R
LG Seeds	C1390R2	0	0	R
LG Seeds	C1665R2	0	0	R
LG Seeds	C1917R2	0	0	R
GrowMark	HS 18A12	0	0	R
GrowMark	HS 19A02	0	0	R
Kruger	K2-1401	0	0	R
Kruger	K2-1701	0	0	R
Kruger	K2-1902	0	0	R
Latham	LATHAM 1584R2	0	0	R
Latham	LATHAM 1884R2	0	0	R
Prairie Brand	PB-1823R2	0	0	R
Stine Seed	Stine 01RC62	0	0	R
Stine Seed	Stine 06RC83	0	0	R
Stine Seed	Stine 11RC68	0	0	R
Stine Seed	Stine 1932-4	0	0	R
Prairie Brand	PB-1523R2	0	0	R
Check	<b>Venus RR (int res)</b>	<b>0</b>	<b>0</b>	<b>R</b>
LG Seeds	C1780R2	0	1	R
Dairyland Seed	DSR-1808/R2Y	0	1	R
Kruger	K2-1501	0	1	R
Latham	LATHAM 1936R	0	1	R
Latham	LATHAM 1568R2	0	2	R
Latham	LATHAM 1800RX	0	2	R
LG Seeds	C1825R2	1	3	R
Excel	Excel Brand 1300R2Y	1	3	R
Prairie Brand	PB-1942R2	1	3	R
Excel	Excel Brand 1702NNR2Y	1	4	R
Stine Seed	Stine 19RA02	1	4	R
Kruger	K2-1102	1	6	R
Prairie Brand	PB-1725RR	1	6	R
Prairie Brand	PB-1743R2	2	10	R
Prairie Brand	PB-1722R2	2	11	R
Merschman Seeds	MERSCHMAN MARS 1219RR2Y	4	20	R
Merschman Seeds	MERSCHMAN VENUS 1214RR2Y	4	20	R
Latham	LATHAM 1783R2	4	22	MR
Dairyland Seed	DSR-1710/R2Y	5	28	MR

**2011 SIU SDS Commercial Variety Test - Manito IL**  
**Maturity Group I Roundup Ready**

<b>Company</b>	<b>Entry</b>	<b>Foliar DX</b>	<b>Relative DX</b>	<b>Suggested Category</b>
Dairyland Seed	DSR-1370/R2Y	6	31	MR
Kruger	K2-1901	6	33	MR
Kruger	K2-1602	6	35	MR
Latham	LATHAM 1985R2	6	36	MR
Dairyland Seed	DSR-1215/R2Y	7	39	MR
Dairyland Seed	DST16-001/R2Y	8	42	MS
Kruger	K2-1001	9	49	MS
Stine Seed	Stine 10RC36	12	65	S
Dairyland Seed	DST10-003/R2Y	13	69	S
<b>Check</b>	<b>Myc 5171 RR (int sus)</b>	<b>18</b>	<b>101</b>	<b>S</b>
Latham	LATHAM 1463R2	21	115	S
LG Seeds	C0610R2	21	117	S

**2011 SIU SDS Commercial Variety Test - Manito IL**  
**Maturity Group II Early Conventional**

Company	Entry	Foliar DX	Relative DX	Suggested Category
Schillinger	209F.HPC	6	8	R
Public	IA R2101 SCN	9	13	R
Check	<b>H-2162 (res)</b>	<b>13</b>	<b>19</b>	<b>R</b>
Schillinger	2421	14	21	MR
Check	<b>K-233+RR (int res)</b>	<b>15</b>	<b>22</b>	<b>MR</b>
Latham	LATHAM 2058L	16	23	MR
Schillinger	2409	16	24	MR
Schillinger	235.T	20	30	MR
Check	<b>Myc 5171 RR (int sus)</b>	<b>22</b>	<b>33</b>	<b>MR</b>
Schillinger	2411	24	35	MR
Stine Seed	Stine 22LC32	30	44	MS
Public	IA2097	33	49	MS
Public	IA2079	33	50	MS
Public	IA2097RR2Y	33	50	MS
Schillinger	2311	34	51	MS
Ohio State	Sloan	35	53	MS
Stine Seed	Stine 24LC03	35	53	MS
Dairyland Seed	DSR-2400	37	55	MS
Latham	LATHAM 2383L	40	59	MS
Merschman Seeds	MERSCHMAN COMANCHE 1024LL	41	61	S
Merschman Seeds	MERSCHMAN MUNSEE 1220LL	42	63	S
Schillinger	2321	43	64	S
Prairie Hybrids	IP 2402	50	75	S
Public	IA2079RR2Y	52	77	S
NuTech	3248 L	67	100	S
Check	<b>H-2494 (sus)</b>	<b>67</b>	<b>100</b>	<b>S</b>

**2011 SIU SDS Commercial Variety Test - Manito IL**  
**Maturity Group II Early Roundup Ready**

Company	Entry	Foliar DX	Relative DX	Suggested Category
Dyna-Gro	Dyna-Gro 31RY20	0	0	R
GrowMark	HS 2166	0	0	R
GrowMark	HS 21A02	0	0	R
Kruger	K2-2102	0	0	R
GrowMark	HS 22A12	0	0	R
Latham	LATHAM 2084R2	0	1	R
Merschman Seeds	MERSCHMAN NAVAHO 1220RR2Y	0	1	R
Prairie Brand	PB-2042R2	0	1	R
Prairie Brand	PB-2558NRR	1	1	R
Latham	LATHAM 2085R	1	2	R
Latham	LATHAM 2183R2	2	6	R
Great Lakes	GL 2449 RR2	3	6	R
Hughes	454 RR	3	8	R
Stine Seed	Stine 2420-4	3	9	R
Latham	LATHAM 2438R2	4	9	R
Prairie Brand	PB-2442R2	4	10	R
G2 (NuTech)	7249	5	13	R
Check	<b>K-233+RR (res)</b>	<b>6</b>	<b>14</b>	<b>R</b>
Beck	Beck 229NR	6	15	R
Pioneer	92Y30	6	15	R
Kruger	K2-2302	6	15	R
Asgrow	AG 2330	7	19	R
Latham	LATHAM 2283R2	9	22	MR
Stine Seed	Stine 20RC82	9	23	MR
GrowMark	HS 24A12	11	29	MR
Power Plus	23Z1	12	30	MR
Prairie Brand	PB-2143R2	13	33	MR
Stine Seed	Stine 21RC32	13	33	MR
Deraedt	2123 RR	14	34	MR
Dyna-Gro	Dyna-Gro 35RY21	14	34	MR
Prairie Brand	PP-222	14	36	MR
Dairyland Seed	DSR-2011/RR	15	37	MR
Prairie Brand	PB-2221R2	15	38	MR
Prairie Brand	PB-2121R2	17	43	MS
Prairie Brand	PB-2123R2	17	43	MS
Dairyland Seed	DSR-2105/R2Y	19	47	MS
Dyna-Gro	Dyna-Gro 38B21	19	47	MS
Kruger	K2-2001	19	48	MS

**2011 SIU SDS Commercial Variety Test - Manito IL**  
**Maturity Group II Early Roundup Ready**

Company	Entry	Foliar DX	Relative DX	Suggested Category
Latham	LATHAM 2082R	19	48	MS
Dyna-Gro	Dyna-Gro 38RY23	20	51	MS
Excel	Excel Brand 2300R2Y	21	53	MS
Excel	Excel Brand 8217RR	21	54	MS
Latham	LATHAM 2275R2	22	56	MS
Prairie Brand	PB-2242R2	23	58	MS
Stine Seed	Stine 20RC32	24	60	MS
Munson	8222 R2Y	24	61	S
LG Seeds	C2175R2	27	66	S
Renk	RS 241 R2	28	69	S
Latham	LATHAM 2182 R2	30	74	S
Prairie Brand	PB-2099NRR2	30	74	S
Seed Consultants	SCS 9241 RR	30	74	S
Dairyland Seed	DSR-2240/R2Y	30	75	S
Beck	Beck 241NR	30	75	S
Kruger	K2-2301	34	86	S
Latham	LATHAM 2440R2	35	88	S
Deraedt	2404 R2	36	89	S
Great Lakes	GL 2019 RR2	37	93	S
Merschman Seeds	MERSCHMAN APACHE 1124RR2Y	37	93	S
Prairie Brand	PB-2343R2	37	93	S
Stine Seed	Stine 22RC62	37	93	S
Merschman Seeds	MERSCHMAN MOHEGAN 1222RR2Y	38	94	S
Stine Seed	Stine 24RB00	39	98	S
Check	<b>LD03-23508R (sus) Historical Average</b>	<b>40</b>	<b>100</b>	<b>S</b>
Prairie Brand	PP-244	41	102	S
GrowMark	HS 24A01	44	111	S
LG Seeds	C2465R2	47	118	S
Munson	8242 R2Y	48	120	S
Prairie Brand	PB-2419RR2	48	120	S
Check	<b>Myc 5171 RR (sus)</b>	<b>52</b>	<b>130</b>	<b>S</b>
Great Lakes	GL 2345 RR2	54	134	S
Prairie Brand	PB-2391R2	59	148	S
Dairyland Seed	DSR-2411/R2Y	63	157	S

**SIU SDS Commercial Variety Test - Manito IL**  
**Maturity Group II Late Conventional**

Company	Entry	FoliarDX	Relative DX	Suggested Category
Check	<b>LD06-50113R (new)</b>	<b>0</b>	<b>0</b>	<b>R</b>
Excel	Excel Brand 6253N	2	5	R
Excel	Excel Brand 6288NAp	2	5	R
Check	<b>AR03-263051 (res)</b>	<b>2</b>	<b>5</b>	<b>R</b>
Public	DWIGHT	2	6	R
Public	JACK	3	7	R
Excel	Excel Brand 6276 Ap2	4	9	R
LG Seeds	C2910	4	10	R
Excel	Excel Brand 6299	4	10	R
Dyna-Gro	Dyna-Gro 3290	7	16	R
NuTech	259 CN	7	18	R
Excel	Excel Brand 6265N	8	20	R
Prairie Hybrids	IP 2991	11	27	MR
Latham	LATHAM 2987L	11	27	MR
Schillinger	eMerge 289.TC	12	29	MR
Merschman Seeds	MERSCHMAN MOHAVE 1128LL	12	30	MR
NuTech	3280 L	14	34	MR
Welter	WS 2620	14	34	MR
Bo-Jac	Mavrick 0287LL	15	37	MR
Ohio State	Flint	22	53	MS
NuTech	270 CN	23	57	MS
Excel	Excel Brand 6250N	24	59	MS
Beck	Beck 276NL	25	62	S
Public	IA2101	29	71	S
Schillinger	eMerge 2911	36	89	S
Merschman Seeds	MERSCHMAN SIOUX 1126LL	37	90	S
LG Seeds	C2525LL	41	99	S
Latham	LATHAM 2686L	41	99	S
Check	<b>2900CR (sus) Historical Average</b>	<b>41</b>	<b>100</b>	<b>S</b>
LG Seeds	C2665LL	54	131	S

**2011 SIU SDS Commercial Variety Test - Manito IL**  
**Maturity Group II Late Roundup Ready**

Company	Entry	Foliar DX	Relative DX	Suggested Category
ProHarvest	2635 CR2Y	0	0	R
Asgrow	AG 2830	0	1	R
Dairyland Seed	DSR-2880/R2Y	0	1	R
Latham	LATHAM 2885R2	0	1	R
GrowMark	HS 28A02	1	1	R
Great Heart	GT-298CR2	1	2	R
Renk	RS 272 NR2	1	2	R
Diener	2812 CR2	1	2	R
Prairie Brand	PB-2743R2	1	2	R
LG Seeds	C2835R2	1	2	R
Stone Seed Group	2R2801	1	2	R
Lewis Hybrids	282R2	1	3	R
Stone Seed Group	2R2701	1	3	R
Great Lakes	GL 2949 RR2	1	4	R
Excel	Excel Brand 8267NApRR	2	4	R
Pioneer	92Y80	2	4	R
GrowMark	HS 27A02	2	5	R
GrowMark	HS 27A12	2	5	R
Mycogen	5N274 R2	2	5	R
Pioneer	92M54	2	5	R
Asgrow	AG 2731	2	6	R
Kruger	K2-2803	3	6	R
Mycogen	5N284 R2	3	6	R
Beck	Beck 263NR	3	7	R
G2 (NuTech)	7250	3	7	R
Bo-Jac	Mavrick 7270RR	3	8	R
NuTech	7251	4	9	R
Renk	RS 261 NR2	4	9	R
Dyna-Gro	Dyna-Gro 38RY28	4	9	R
Pioneer	92Y51	4	9	R
Channel	2800 R2	4	10	R
Dairyland Seed	DSR-2560/RR	4	10	R
Diener	2712 CR2	4	10	R
Latham	LATHAM 2784R2	4	10	R
Check	<b>LD06-30505Ra (int)</b>	<b>4</b>	<b>11</b>	<b>R</b>
Great Lakes	GL 2729 RR2	4	11	R
Check	<b>LD06-50113R (new)</b>	<b>5</b>	<b>12</b>	<b>R</b>
G2 (NuTech)	7272	5	12	R

**2011 SIU SDS Commercial Variety Test - Manito IL**  
**Maturity Group II Late Roundup Ready**

<b>Company</b>	<b>Entry</b>	<b>Foliar DX</b>	<b>Relative DX</b>	<b>Suggested Category</b>
Great Heart	GT-296 CRR	5	13	R
Latham	LATHAM 2560R	5	13	R
Renk	RS 259 NRR	6	14	R
Excel	Excel Brand 8244NApRR	6	14	R
Beck	Beck 294NR	6	14	R
Martin Seed	M27NR2y	6	14	R
NK Brand	S 29-W7	6	14	R
LG Seeds	C2699R2	6	15	R
Kruger	K2-2601	7	16	R
Munson	8261 RR	7	16	R
Steyer	2701 R2	7	16	R
Prairie Brand	PP-270	7	17	R
NK Brand	S 27-C4	7	17	R
Dairyland Seed	DSR-2995/R2Y	7	18	R
Great Heart	GT-265 CR2	8	19	R
Asgrow	AG 2531	8	19	R
Dyna-Gro	Dyna-Gro 34RY27	8	19	R
Merschman Seeds	MERSCHMAN SHAWNEE 1226RR2Y	8	19	R
Prairie Brand	PB-2882R2	8	20	R
G2 (NuTech)	7282	9	21	MR
Martin Seed	M125RR	9	21	MR
Excel	Excel Brand 8252RR	9	21	MR
Latham	LATHAM 2711R2X	9	22	MR
NuTech	6281	9	23	MR
Bo-Jac	Mavrick 0282RY	10	23	MR
Excel	Excel Brand 2700R2Y/STS	10	24	MR
G2 (NuTech)	7270	10	24	MR
Channel	2903 R2	10	25	MR
Martin Seed	M028R2y	10	25	MR
Hughes	777 RR	11	26	MR
Deraedt	2523 RR	11	26	MR
Great Lakes	GL 2555 RR1	11	27	MR
Pioneer	92Y53	11	28	MR
G2 (NuTech)	7295	11	28	MR
Stine Seed	Stine 25RC28	11	28	MR
Latham	LATHAM 2635R	12	28	MR
Dyna-Gro	Dyna-Gro V25N9RR	12	29	MR
Dyna-Gro	Dyna-Gro V278RR	12	30	MR

**2011 SIU SDS Commercial Variety Test - Manito IL**  
**Maturity Group II Late Roundup Ready**

Company	Entry	Foliar DX	Relative DX	Suggested Category
Stine Seed	Stine 29RB22	12	30	MR
NK Brand	S 25-F2	13	31	MR
Munson	8281 R2Y	13	31	MR
Excel	Excel Brand 2900R2Y	13	31	MR
G2 (NuTech)	7276	14	33	MR
Dairyland Seed	DSR-2727/R2Y	14	35	MR
Hughes	555 RR	14	35	MR
Stine Seed	Stine 27RA20	14	35	MR
Stone Seed Group	2R2702	15	36	MR
Asgrow	AG 2931	15	37	MR
LG Seeds	C2895R2	15	37	MR
Latham	LATHAM 2767R2	15	37	MR
G2 (NuTech)	7262	16	38	MR
Power Plus	28J0	16	38	MR
Kruger	K2-2602	16	39	MR
Check	<b>LD03-23016R (res)</b>	<b>17</b>	<b>41</b>	<b>MS</b>
Power Plus	26W2	17	41	MS
Power Plus	28V2	17	41	MS
Kruger	K2-2502	17	42	MS
G2 (NuTech)	7290	18	43	MS
Check	<b>LD06-30504Ra (res)</b>	<b>19</b>	<b>45</b>	<b>MS</b>
Monier	M 2739 R2	19	47	MS
G2 (NuTech)	7258	19	47	MS
Dyna-Gro	Dyna-Gro 31RY25	19	47	MS
Renk	RS 282 R2	20	48	MS
Stone Seed Group	3A259NRR	20	48	MS
G2 (NuTech)	7286	20	49	MS
Latham	LATHAM 2983R2	20	49	MS
Prairie Brand	PB-2903R2	20	50	MS
Roeschley	2815 CRR2	21	51	MS
GrowMark	HS 29A12	21	51	MS
Prairie Brand	PB-2959NRR2	21	52	MS
ProHarvest	2950 CR2Y	22	53	MS
Dairyland Seed	DST26-004/R2Y	22	54	MS
Prairie Brand	PB-2667NRR	22	54	MS
Beck	Beck 289NR	22	55	MS
Excel	Excel Brand 2681R2Y/STS	26	62	S
Merschman Seeds	MERSCHMAN MOHAWK 1128RR2Y	26	63	S
Prairie Brand	PB-2544R2	26	64	S

**2011 SIU SDS Commercial Variety Test - Manito IL**  
**Maturity Group II Late Roundup Ready**

<b>Company</b>	<b>Entry</b>	<b>Foliar DX</b>	<b>Relative DX</b>	<b>Suggested Category</b>
ProHarvest	2850 CR2Y	27	65	S
GrowMark	HS 25A11	28	68	S
Latham	LATHAM 2658R	28	68	S
Latham	LATHAM 2875R	28	69	S
Kruger	K2-2904	28	69	S
Beck	Beck 244NR	29	70	S
Excel	Excel Brand 2600NR2Y	30	72	S
Latham	LATHAM 2585R2	30	72	S
Dyna-Gro	Dyna-Gro 36RY29	31	75	S
Kruger	K2-2703	31	76	S
Kruger	K2-2902	31	77	S
LG Seeds	C2500R2	35	86	S
G2 (NuTech)	7288	38	92	S
GrowMark	HS 25A12	41	99	S
NK Brand	S 28-K1	41	99	S
Check	<b>2900CR (sus) - Historical Average</b>	<b>41</b>	<b>100</b>	<b>S</b>
Dyna-Gro	Dyna-Gro 39RY25	44	108	S
Stone Seed Group	2R2502	46	113	S

**2011 SIU SDS Commercial Test - Manito IL**  
**Maturity Group III E Conventional**

Company	Entry	Foliar DX	Relative DX	Suggested Category
Check	AR03-361091 (res)	0	0	R
Check	AR07-376031 (res)	0	0	R
Beck	Beck 331N	0	0	R
Excel	Excel Brand 7317STS	0	0	R
Check	LD06-14187R (new)	0	0	R
Welter	WS 3010	0	0	R
Schillinger	eMerge 3121	0	1	R
Schillinger	eMerge XD3010	1	3	R
Public	IA R3001 PHYTOSCN	1	4	R
NuTech	309 CN	2	5	R
Beck	Beck 327	2	5	R
Dyna-Gro	Dyna-Gro 3340SCN	2	6	R
Excel	Excel Brand 7326NSTS	3	7	R
Latham	LATHAM 3287L	4	10	R
Schillinger	eMerge 3211	5	12	R
Merschman Seeds	MERSCHMAN MCKINLEY 1230LL	6	15	R
Excel	Excel Brand 6336N	8	19	R
Stine Seed	Stine 30LC28	9	21	MR
Bo-Jac	Mavrick 9326LL	10	25	MR
NuTech	315	11	26	MR
Schillinger	eMerge 348.TCS	11	27	MR
Beck	Beck 319N	13	33	MR
Public	IA3024	26	63	S
Schillinger	eMerge 3005	26	64	S
Schillinger	eMerge 3009	30	72	S
Ohio State	Stressland	31	75	S
Beck	Beck 306NL	33	81	S
Bo-Jac	Mavrick 0307LL	37	90	S
LG Seeds	C3069LL	39	95	S
Check	2900CR (sus) Historical Average	41	100	S

## SIU SDS Commercial Variety Test - Manito IL

### Maturity Group III Early Roundup Ready

(na - Not assigned due to insufficient disease pressure in all replications)

Company	Entry	Foliar DX	Relative DX	Suggested Category
Beck	Beck 322NR	0	na	na
Bo-Jac	Mavrick 6343RR	0	na	na
Channel	3402 R2	0	na	na
Check	<b>LD06-14187R (new)</b>	<b>0</b>	<b>na</b>	<b>na</b>
Dairyland Seed	DSR-3466/R2Y	0	na	na
Diener	3012 CR2	0	na	na
Diener	3311 CR2	0	na	na
Dyna-Gro	Dyna-Gro 32RY34	0	na	na
Dyna-Gro	Dyna-Gro 37RY33	0	na	na
Dyna-Gro	Dyna-Gro 38RY32	0	na	na
Excel	Excel Brand 3240NR2Y/STS	0	na	na
G2 (NuTech)	7326	0	na	na
G2 (NuTech)	7335	0	na	na
G2 (NuTech)	7349	0	na	na
Great Heart	GT-339CR2	0	na	na
Great Lakes	GL 3069 RR2	0	na	na
Great Lakes	GL 3289 RR2	0	na	na
GrowMark	HS 31A02	0	na	na
GrowMark	HS 33A02	0	na	na
GrowMark	HS 34A12	0	na	na
Kruger	K2X32A1	0	na	na
Lewis Hybrids	332R2	0	na	na
LG Seeds	C3266R2	0	na	na
LG Seeds	C3466R2	0	na	na
Martin Seed	M132NR2y	0	na	na
Mycogen	5N342 R2	0	na	na
Prairie Brand	PB-3436NRR	0	na	na
Roeschley	3217 CRR2	0	na	na
Steyer	3203 R2	0	na	na
Steyer	3204 R2	0	na	na
Steyer	3490 RR	0	na	na
Stone Seed Group	2R3001	0	na	na
Stone Seed Group	2R3401	0	na	na
Channel	3205 R2	0	na	na
Dairyland Seed	DSR-3232/R2Y	0	na	na
G2 (NuTech)	7332	0	na	na
G2 (NuTech)	7345	0	na	na
GrowMark	HS 3466	0	na	na

**SIU SDS Commercial Variety Test - Manito IL**  
**Maturity Group III Early Roundup Ready**

(na - Not assigned due to insufficient disease pressure in all replications)

Company	Entry	Foliar DX	Relative DX	Suggested Category
Kruger	K2-3103	0	na	na
Mycogen	5N324 R2	0	na	na
NK Brand	S 31-L7	0	na	na
Pioneer	93Y40	0	na	na
Prairie Brand	PB-3188R2	0	na	na
Prairie Brand	PB-3239NRR2	0	na	na
Dyna-Gro	Dyna-Gro 39RY30	0	na	na
Latham	LATHAM 3268R2	0	na	na
LG Seeds	C3044R2	0	na	na
LG Seeds	C3445NRR	0	na	na
Munson	8322 R2Y	0	na	na
ProHarvest	3135 CR2Y	0	na	na
Renk	RS 322 NR2	0	na	na
Great Heart	GT-342 CR2	0	na	na
Latham	LATHAM 3385R2	0	na	na
Renk	RS 331 NR2	0	na	na
Asgrow	AG 3431	1	na	na
Bo-Jac	Mavrick 1342RY	1	na	na
Channel	3105 R2	1	na	na
Dairyland Seed	DST30-002/R2Y	1	na	na
Diener	3494 CR2	1	na	na
Excel	Excel Brand 3400NR2Y	1	na	na
G2 (NuTech)	7310	1	na	na
Great Lakes	GL 3429 RR2	1	na	na
LG Seeds	C3001R2	1	na	na
Power Plus	X34T2	1	na	na
Steyer	3001 R2	1	na	na
Steyer	3404 R2	1	na	na
Sun Prairie	SPX 32R21	1	na	na
Monier	M 3115 R2	1	na	na
Asgrow	AG 3231	1	na	na
Beck	Beck 325NR	1	na	na
Dairyland Seed	DST32-001/R2Y	1	na	na
Kruger	K2-3402	1	na	na
LG Seeds	C3031R2	1	na	na
Martin Seed	M134NR2y	1	na	na
Power Plus	32K0	1	na	na
Steyer	3401 R2	1	na	na

**SIU SDS Commercial Variety Test - Manito IL**  
**Maturity Group III Early Roundup Ready**

(na - Not assigned due to insufficient disease pressure in all replications)

Company	Entry	Foliar DX	Relative DX	Suggested Category
Stine Seed	Stine 30RA02	1	na	na
Bo-Jac	Mavrick 7303RR	1	na	na
Hubner	H 34-11 R2	1	na	na
Munson	8302 R2Y	1	na	na
ProHarvest	3350 CR2Y	1	na	na
Channel	3303 R2	1	na	na
G2 (NuTech)	7342	1	na	na
Merschman Seeds	MERSCHMAN ARTHUR 1230RR2Y	1	na	na
NK Brand	S 34-N3	1	na	na
G2 (NuTech)	7328	1	na	na
Hubner	H 34-12 R2	1	na	na
Prairie Brand	PB-3342R2	1	na	na
Roeschley	3107	1	na	na
Merschman Seeds	MERSCHMAN COOLIDGE 1234RR2Y	1	na	na
Munson	8341 R2Y	1	na	na
Latham	LATHAM 3148R2	2	na	na
Asgrow	AG 3131	2	na	na
Dyna-Gro	Dyna-Gro 31RY34	2	na	na
Roeschley	3197 CRR2	2	na	na
Roeschley	3491 CRR	3	na	na
Latham	LATHAM 3157R	3	na	na
Asgrow	AG 3130	3	na	na
Channel	3000 R2	4	na	na
Pioneer	93Y05	4	na	na
Prairie Brand	PB-2956NRR	4	na	na
Dairyland Seed	DSR-3017/R2Y	5	na	na
Lewis Hybrids	302R2	5	na	na
Bo-Jac	Mavrick 9302RY	5	na	na
G2 (NuTech)	6311	6	na	na
Bo-Jac	Mavrick 0323RR	6	na	na
Kruger	K2-3202	6	na	na
Stine Seed	Stine 33RA02	7	na	na
Bo-Jac	Mavrick 0322RY	7	na	na
Munson	8328 RR	7	na	na
Check	<b>2900CR (sus)</b>	<b>11</b>	<b>na</b>	<b>na</b>
Asgrow	AG 3030	16	na	na
Dyna-Gro	Dyna-Gro 37T33	21	na	na
Pioneer	93M11	26	na	na

**2011 SIU SDS Commercial Variety Test - Valmeyer IL**  
**Maturity Group III Late Conventional**

Company	Entry	Foliar DX	Relative DX	Suggested Category
Schillinger	eMerge e3520	0	0	R
Excel	Excel Brand 6356N	0	0	R
Check	<b>SS02-15887(res)</b>	<b>0</b>	<b>0</b>	<b>R</b>
Excel	Excel Brand 6365N	0	0	R
Check	<b>LD06-7862 (res)</b>	<b>0</b>	<b>0</b>	<b>R</b>
Excel	Excel Brand 6387N	0	0	R
Hoblit	372 LL	0	1	R
Dyna-Gro	Dyna-Gro V388SCN	0	1	R
Schillinger	eMerge XC3911	0	1	R
Check	<b>LD06-14187R (new)</b>	<b>0</b>	<b>1</b>	<b>R</b>
Excel	Excel Brand 6389 N	0	1	R
Public	Maverick	0	1	R
Schillinger	eMerge XT3921	1	2	R
Beck	Beck 392NL	1	2	R
Check	LD14187R(new)	1	2	R
Ohio State	HS6-3967R	1	3	R
Hoffman	H 387 N	2	4	R
Excel	Excel Brand 6370 N	2	5	R
Schillinger	eMerge 388.TC	2	5	R
Prairie Hybrids	IP 3891	2	5	R
Dyna-Gro	Dyna-Gro 34LL37	2	5	R
Check	<b>SS02-15897 (res)</b>	<b>3</b>	<b>8</b>	<b>R</b>
LG Seeds	C3884N	3	8	R
Merschman Seeds	MERSCHMAN MADISON 1039LL	3	9	R
Excel	Excel Brand 6346N	4	11	R
NuTech	3372 L	4	11	R
LG Seeds	C3707LL	4	11	R
LG Seeds	C3987LL	4	11	R
Merschman Seeds	MERSCHMAN GRANT 1236LL	4	11	R
Beck	Beck 386NL	4	11	R
Excel	Excel Brand 6393 N	4	11	R
Excel	Excel Brand 6380 N	4	12	R
Ohio State	HS6-3973R	4	13	R
Schillinger	137X812	5	15	R
Dyna-Gro	Dyna-Gro 36LL39	5	15	R
Merschman Seeds	MERSCHMAN TRUMAN 938LL	5	15	R
Public	IA3023	6	16	R
LG Seeds	C3510LL	6	17	R
Stine Seed	Stine 39LC82	6	17	R

**2011 SIU SDS Commercial Variety Test - Valmeyer IL**  
**Maturity Group III Late Conventional**

Company	Entry	Foliar DX	Relative DX	Suggested Category
Prairie Hybrids	IP 3502	6	17	R
Beck	Beck 387N	6	18	R
GrowMark	HS 37L12	6	19	R
Bo-Jac	Mavrick 0397LL	6	19	R
Merschman Seeds	MERSCHMAN EISENHOWER 1239LL	8	21	MR
Great Heart	GT-379C	8	22	MR
LG Seeds	C3554	9	25	MR
GrowMark	HS 39L02	9	26	MR
Beck	Beck 356NL	11	32	MR
Public	IA3041RR2Y	12	33	MR
Schillinger	eMerge 389F.YC	12	34	MR
Bo-Jac	Mavrick 0357LL	13	38	MR
Public	IA3041	14	39	MR
Public	IA4004	15	42	MS
Check	<b>SS01-12900 (sus)</b>	<b>17</b>	<b>48</b>	<b>MS</b>
Prairie Hybrids	IP 3902	20	58	MS
Ohio State	Williams	22	63	S
Public	Williams 82	24	69	S
Check	<b>LS05-0220 (sus)</b>	<b>35</b>	<b>101</b>	<b>S</b>

**2011 SIU SDS Commercial Variety Test - Valmeyer, Carbondale, Shawneetown IL**  
**Maturity Group III Late Roundup Ready**

nd - no disease

<b>Company</b>	<b>Entry</b>	<b>Foliar DX</b>	<b>Relative DX</b>	<b>Suggested Category</b>
Asgrow	AG 3631	nd	nd	nd
Asgrow	AG 3632	nd	nd	nd
Asgrow	AG 3731	nd	nd	nd
Asgrow	AG 3830	nd	nd	nd
Asgrow	AG 3832	nd	nd	nd
Asgrow	AG 3931	nd	nd	nd
Asgrow	AG 3932	nd	nd	nd
Baker Seed	Baker 3705NRR	nd	nd	nd
Beck	Beck 357NR	nd	nd	nd
Beck	Beck 362NR	nd	nd	nd
Beck	Beck 375NR	nd	nd	nd
Beck	Beck 398NR	nd	nd	nd
Bo-Jac	Mavrick 0355RR	nd	nd	nd
Bo-Jac	Mavrick 9362RY	nd	nd	nd
Bo-Jac	Mavrick 7376RR	nd	nd	nd
Bo-Jac	Mavrick 0381RR	nd	nd	nd
Bo-Jac	Mavrick 0382RY	nd	nd	nd
Bo-Jac	Mavrick 1392RY	nd	nd	nd
Bo-Jac	Mavrick 5394RR	nd	nd	nd
Channel	3701 R2	nd	nd	nd
Channel	3905 R2	nd	nd	nd
Check	<b>MAC02-256 (sus)</b>	<b>nd</b>	<b>nd</b>	<b>nd</b>
Check	<b>LD06-14187R (new)</b>	<b>nd</b>	<b>nd</b>	<b>nd</b>
Check	<b>MAC02-4757(sus)</b>	<b>nd</b>	<b>nd</b>	<b>nd</b>
Dairyland Seed	DSR-3736/R2Y	nd	nd	nd
Dairyland Seed	DST37-003/R2Y	nd	nd	nd
Dairyland Seed	DSR-3805/R2Y	nd	nd	nd
Dyna-Gro	Dyna-Gro 38RY35	nd	nd	nd
Dyna-Gro	Dyna-Gro 34RY36	nd	nd	nd
Dyna-Gro	Dyna-Gro 31RY37	nd	nd	nd
Dyna-Gro	Dyna-Gro 37P37	nd	nd	nd
Dyna-Gro	Dyna-Gro 33RY37	nd	nd	nd
Dyna-Gro	Dyna-Gro 36RY38	nd	nd	nd
Dyna-Gro	Dyna-Gro 32RY39	nd	nd	nd
Dyna-Gro	Dyna-Gro 37RY39	nd	nd	nd
Dyna-Gro	Dyna-Gro V39N9RR	nd	nd	nd
Excel	Excel Brand 3730NR2Y	nd	nd	nd

**2011 SIU SDS Commercial Variety Test - Valmeyer, Carbondale, Shawneetown IL**  
**Maturity Group III Late Roundup Ready**

nd - no disease

<b>Company</b>	<b>Entry</b>	<b>Foliar DX</b>	<b>Relative DX</b>	<b>Suggested Category</b>
Excel	Excel Brand 3796NNR2Y	nd	nd	nd
Excel	Excel Brand 3808NNR2Y	nd	nd	nd
Excel	Excel Brand 3901NR2Y/STS	nd	nd	nd
G2 (NuTech)	7355	nd	nd	nd
G2 (NuTech)	7362	nd	nd	nd
G2 (NuTech)	7372	nd	nd	nd
G2 (NuTech)	7376	nd	nd	nd
G2 (NuTech)	7382	nd	nd	nd
G2 (NuTech)	7384	nd	nd	nd
G2 (NuTech)	7389	nd	nd	nd
G2 (NuTech)	7390	nd	nd	nd
Great Heart	GT-362CR2	nd	nd	nd
Great Heart	GT-369CR2	nd	nd	nd
Great Heart	GT-374 CR2	nd	nd	nd
Great Heart	GT-387CR2	nd	nd	nd
Great Heart	GT-399 CR2	nd	nd	nd
Great Lakes	GL 3649 RR2	nd	nd	nd
Great Lakes	GL 3879 RR2	nd	nd	nd
GrowMark	HS 36A12	nd	nd	nd
GrowMark	HS 37A02	nd	nd	nd
GrowMark	HS 38R80	nd	nd	nd
GrowMark	HS 38A02	nd	nd	nd
GrowMark	HS 38A12	nd	nd	nd
GrowMark	HS 39A02	nd	nd	nd
GrowMark	HS 39A12	nd	nd	nd
Hoblit	36P2	nd	nd	nd
Hoffman	H 38-11 CR	nd	nd	nd
Hubner	H 35-10 R2	nd	nd	nd
Hubner	H 36-12 R2	nd	nd	nd
Hubner	H 37-10 R2	nd	nd	nd
Hubner	H 39-12 R2	nd	nd	nd
Kruger	K2-3602	nd	nd	nd
Kruger	K2-3701	nd	nd	nd
Kruger	K2-3802	nd	nd	nd
Kruger	K2-3902	nd	nd	nd
Latham	LATHAM 3858R	nd	nd	nd
Latham	LATHAM 3985R	nd	nd	nd
Lewis Hybrids	351R2	nd	nd	nd

**2011 SIU SDS Commercial Variety Test - Valmeyer, Carbondale, Shawneetown IL**  
**Maturity Group III Late Roundup Ready**

nd - no disease

<b>Company</b>	<b>Entry</b>	<b>Foliar DX</b>	<b>Relative DX</b>	<b>Suggested Category</b>
Lewis Hybrids	361R2	nd	nd	nd
Lewis Hybrids	362R2	nd	nd	nd
Lewis Hybrids	381R2	nd	nd	nd
Lewis Hybrids	3909RR	nd	nd	nd
Lewis Hybrids	392R2	nd	nd	nd
LG Seeds	C3616R2	nd	nd	nd
LG Seeds	C3756R2	nd	nd	nd
LG Seeds	C3766NRR	nd	nd	nd
LG Seeds	C3770R2	nd	nd	nd
LG Seeds	C3890R2	nd	nd	nd
LG Seeds	C3988NRR	nd	nd	nd
Martin Seed	M435NRR	nd	nd	nd
Martin Seed	M36NR2y	nd	nd	nd
Martin Seed	M38NRR	nd	nd	nd
Merschman Seeds	MERSCHMAN KENNEDY 1036RR2Y	nd	nd	nd
Merschman Seeds	MERSCHMAN WASHINGTON 1238RR	nd	nd	nd
Munson	8352 R2Y	nd	nd	nd
Munson	8372 R2Y	nd	nd	nd
Mycogen	5N360 R2	nd	nd	nd
Mycogen	5N385 R2	nd	nd	nd
NK Brand	S 35-T9	nd	nd	nd
NK Brand	S 37-F7	nd	nd	nd
NK Brand	S 39-A3	nd	nd	nd
NuTech	7359	nd	nd	nd
NuTech	7388	nd	nd	nd
Pioneer	93Y60	nd	nd	nd
Pioneer	93Y70	nd	nd	nd
Pioneer	93Y82	nd	nd	nd
Pioneer	93Y92	nd	nd	nd
Power Plus	37T1	nd	nd	nd
Power Plus	38D2	nd	nd	nd
Prairie Brand	PB-3558R	nd	nd	nd
Prairie Brand	PB-3796NRR	nd	nd	nd
Prairie Brand	PB-3722R2	nd	nd	nd
Prairie Brand	PB-3878R2	nd	nd	nd
ProHarvest	3635 CR2Y	nd	nd	nd
Steyer	3501 R2	nd	nd	nd
Steyer	3603 R2	nd	nd	nd

**2011 SIU SDS Commercial Variety Test - Valmeyer, Carbondale, Shawneetown IL**  
**Maturity Group III Late Roundup Ready**

nd - no disease

<b>Company</b>	<b>Entry</b>	<b>Foliar DX</b>	<b>Relative DX</b>	<b>Suggested Category</b>
<b>Steyer</b>	3803 R2	nd	nd	nd
<b>Steyer</b>	3901 R2	nd	nd	nd
<b>Stine Seed</b>	Stine 3522-4	nd	nd	nd
<b>Stine Seed</b>	Stine 35RA02	nd	nd	nd
<b>Stine Seed</b>	Stine 37RC82	nd	nd	nd
<b>Stine Seed</b>	Stine 3923-4	nd	nd	nd
<b>Stone Seed Group</b>	2R3602	nd	nd	nd
<b>Stone Seed Group</b>	2R3701	nd	nd	nd
<b>Stone Seed Group</b>	2R3801	nd	nd	nd
<b>Stone Seed Group</b>	2R3802	nd	nd	nd
<b>Stone Seed Group</b>	2R3900	nd	nd	nd
<b>Sun Prairie</b>	SP 3650 NRR	nd	nd	nd
<b>Sun Prairie</b>	SPX 38R21	nd	nd	nd

**2011 SIU SDS Commercial Variety Test - Valmeyer IL**  
**Maturity Group IV Early Conventional**

Company	Entry	Foliar DX	Relative DX	Suggested Category
Check	<b>Ripley (res)</b>	<b>0</b>	<b>0</b>	<b>R</b>
Excel	Excel Brand 6427Nrk	1	2	R
Public	LS05-3229	1	3	R
Excel	Excel Brand 6447N	2	4	R
Merschman Seeds	MERSCHMAN AUSTIN 1142LL	3	5	R
Hoffman	H 421 N	3	5	R
Schillinger	eMerge XC4221	3	5	R
Schillinger	043T623A	3	6	R
Schillinger	eMerge XT4111	4	7	R
Schillinger	eMerge XC4310	6	10	R
Beck	Beck 430N	8	14	R
Beck	Beck 426NL	8	14	R
Hoblit	412 LL	9	16	R
Stine Seed	Stine 42LC28	9	17	R
Gateway Seed	447	11	19	R
Dyna-Gro	Dyna-Gro 38LL42	11	20	R
LG Seeds	C4200LL	15	27	MR
LG Seeds	C4105N	15	27	MR
Bo-Jac	Mavrick 0427LL	19	33	MR
GrowMark	HS 42L02	19	35	MR
Dyna-Gro	Dyna-Gro 3410SCN	20	36	MR
Beck	Beck 414N	21	37	MR
Public	IA 4005	22	40	MR
Check	<b>LS04-30080 (sus)</b>	<b>36</b>	<b>64</b>	<b>S</b>
Excel	Excel Brand 6434N	37	66	S
Dyna-Gro	Dyna-Gro 39LL43	39	69	S
GrowMark	HS 43L12	39	69	S
Hoffman	HL 41L10	41	73	S
Schillinger	eMerge XP4311	44	79	S
Check	<b>SS03-13390 (sus)</b>	<b>44</b>	<b>79</b>	<b>S</b>
Public	IA 4004	50	89	S
Check	<b>Spencer (sus)</b>	<b>56</b>	<b>99</b>	<b>S</b>

**2011 SIU SDS Commercial Variety Test - Valmeyer IL**

**Maturity Group IV Early Roundup Ready**

(na - Not assigned due to insufficient disease pressure in all replications)

<b>Company</b>	<b>Entry</b>	<b>Foliar DX</b>	<b>Relative DX</b>	<b>Suggested Category</b>
G2 (NuTech)	7405	0	0	na
Steyer	4002 R2	0	0	na
Power Plus	40V1	0	0	na
Baker Seed	Baker 4065NRR	0	0	na
Great Lakes	GL 4059 RR2	0	0	na
GrowMark	HS 41A12	0	0	na
G2 (NuTech)	7439 S	0	0	na
Dairyland Seed	DSR-4300/RR	0	0	na
Dyna-Gro	Dyna-Gro 35X43	0	0	na
Great Heart	GT-438 CRR	0	0	na
Southern States	RT 4370 N	0	0	na
Pioneer	94Y01	1	1	na
Dairyland Seed	DSR-4242/R2Y	1	1	na
Dairyland Seed	DST43-001/R2Y	1	2	na
Dyna-Gro	Dyna-Gro 39RY43	2	3	na
LG Seeds	C4411R2	2	3	na
Excel	Excel Brand 4400NRR2Y	2	3	na
NK Brand	S 42-T4	2	4	na
G2 (NuTech)	7415 SE	3	6	na
Kruger	K2-4202	3	6	na
Great Lakes	GL 4249 RR2	6	10	na
Stone Seed Group	2R4302	7	12	na
Baker Seed	Baker 4495NRRSTS	7	12	na
Bo-Jac	Mavrick 1432RY	10	18	na
Lewis Hybrids	400R2	11	20	na
Asgrow	AG 4005	11	20	na
Beck	Beck 400NR	11	20	na
Channel	4102 R2	11	20	na
LG Seeds	C4125R2	11	20	na
Dairyland Seed	DSR-4141/R2Y	11	20	na
Hoffman	H 41-21 CR2	11	20	na
Kruger	K2-4101	11	20	na
Kruger	K2-4102	11	20	na
Pioneer	94Y20	11	20	na
GrowMark	HS40A12	11	20	na
Baker Seed	Baker 4322 NRR	11	20	na
Hoffman	H 43-11 CR2	11	20	na
Merschman Seeds	MERSCHMAN MEMPHIS 1243RR2Y	11	20	na

## 2011 SIU SDS Commercial Variety Test - Valmeyer IL

### Maturity Group IV Early Roundup Ready

(na - Not assigned due to insufficient disease pressure in all replications)

Company	Entry	Foliar DX	Relative DX	Suggested Category
Southern States	SS 4312 NR2	11	20	na
G2 (NuTech)	7442	11	20	na
Stone Seed Group	2R4402	11	20	na
Lewis Hybrids	441R2	11	20	na
Dyna-Gro	Dyna-Gro 36C44	11	20	na
Stone Seed Group	2R4102	13	24	na
Mycogen	5N431 R2	14	25	na
Excel	Excel Brand 4100NR2Y	17	30	na
Great Heart	GT-427CR2	17	30	na
Channel	4205 R2	17	30	na
GrowMark	HS 42A12	17	30	na
Southern States	RT 4470 N	17	30	na
Asgrow	AG 4032	22	40	na
Lewis Hybrids	422R2	22	40	na
Steyer	4230 RR	22	40	na
Asgrow	AG 4232	22	40	na
Kruger	K2-4201	22	40	na
Baker Seed	Baker 4295NRRSTS	22	40	na
G2 (NuTech)	7402	28	50	na
Lewis Hybrids	3968RR	28	50	na
NuTech	4041 RN	28	50	na
Lewis Hybrids	412R2	28	50	na
Lewis Hybrids	4150	28	50	na
G2 (NuTech)	7420	28	50	na
NuTech	7425 S	28	50	na
Dyna-Gro	Dyna-Gro V42N9RS	28	50	na
Power Plus	43D1	28	50	na
Kruger	K2-4302	28	50	na
Hoffman	H 40-10 CR	33	60	na
Stone Seed Group	2R4201	33	60	na
Bo-Jac	Mavrick 0422RR	33	60	na
Channel	4305 R2	33	60	na
Gateway Seed	4RS431	33	60	na
Hoffman	H 43-09 CR	33	60	na
Beck	Beck 432NR	33	60	na
Stine Seed	Stine 40RC32	39	69	na
Check	<b>MAC02-4757 (sus)</b>	<b>44</b>	<b>79</b>	<b>na</b>
Check	<b>SS03-13390 (sus)</b>	<b>56</b>	<b>99</b>	<b>na</b>

**2011 SIU SDS Commercial Variety Test - Valmeyer IL**  
**Maturity Group IV Late Conventional**

Company	Entry	Foliar DX	Relative DX	Suggested Category
Check	LS94-3207 (res)	0	0	R
Check	Pharaoh (res)	0	0	R
Schillinger	eMerge 4510S	1	1	R
Schillinger	147X853	1	1	R
Schillinger	eMerge XC4711	1	2	R
Schillinger	147X852	1	3	R
Dyna-Gro	Dyna-Gro 32LL48	4	7	R
Schillinger	146X850	4	8	R
U.S. Seeds	HALO 4:75	4	8	R
Schillinger	eMerge e4920s	6	11	R
GrowMark	HS 48L90	7	14	R
Stine Seed	Stine 47LC32	8	15	R
Schillinger	eMerge XC4510	8	15	R
Gateway Seed	479	8	15	R
Schillinger	eMerge XC4920	9	16	R
Schillinger	eMerge XC4921	11	22	MR
Merschman Seeds	MERSCHMAN ORLANDO 1246LL	15	29	MR
Hoffman	H 451 N	19	36	MR
Dyna-Gro	Dyna-Gro 3460SCN	19	36	MR
Hornbeck Ag	HBK C4926	20	38	MR
Excel	Excel Brand 6485N	22	43	MS
Hornbeck Ag	HBK C4929	24	46	MS
Beck	Beck 456NL	25	48	MS
Merschman Seeds	MERSCHMAN TAMPA 1245LL	26	50	MS
Hoffman	HL 47L11	26	50	MS
Merschman Seeds	MERSCHMAN TULSA 1245LL	28	53	MS
Stine Seed	Stine 45LC82	28	53	MS
U.S. Seeds	HALO 4:65	28	53	MS
U.S. Seeds	HALO 4:94	29	57	MS
Beck	Beck 476NL	30	57	MS
Stine Seed	Stine 46LC03	31	61	S
UniSouth Genetics	USG 74G99 L	33	64	S
Merschman Seeds	MERSCHMAN TUCSON 1249LL	35	68	S
Merschman Seeds	MERSCHMAN MIAMI 949LL	37	71	S
Merschman Seeds	MERSCHMAN MACON 1249LL	41	78	S
Gateway Seed	473	44	85	S
Check	CM 497	52	100	S

**2011 SIU SDS Commercial Variety Test - Valmeyer IL**  
**Maturity Group IV Late Roundup Ready**

<b>Company</b>	<b>Entry</b>	<b>Foliar DX</b>	<b>Relative DX</b>	<b>Suggested Category</b>
Kruger	K2-4502	0	0	R
GrowMark	HS 47A02	0	0	R
NK Brand	S 49-A5	0	0	R
Great Heart	GT-451CR2	0	2	R
GrowMark	HS 45A12	1	3	R
Kruger	K2-4601	1	3	R
Merschman Seeds	MERSCHMAN ATLANTA 1047RR2Y	1	3	R
Dairyland Seed	DSR-8482/RR	1	3	R
Dairyland Seed	DST45-002/R2Y	1	5	R
Excel	Excel Brand 4500NNR2Y	1	5	R
Kruger	K2-4701	1	5	R
Hornbeck Ag	HBK R4924	1	5	R
Dairyland Seed	DSR-4500/RRSTS	1	6	R
Stine Seed	Stine 47RC32	1	7	R
Baker Seed	Baker 4522 NRR	1	8	R
Southern States	SS 4510 NR2	1	8	R
Eagle Seed	ES 4777 RR	1	8	R
Baker Seed	Baker 4795NRRSTS	1	8	R
GrowMark	HS 48R70	1	8	R
Stone Seed Group	2R4500STS	2	10	R
Beck	Beck 466NR	2	10	R
LG Seeds	C4625R2	2	11	R
Dyna-Gro	Dyna-Gro 39D48	3	17	R
Baker Seed	Baker 4822 NRR	3	18	R
Pioneer	94Y80	3	20	R
Great Heart	GT-451 CR2	4	21	MR
G2 (NuTech)	7460	5	29	MR
Dyna-Gro	Dyna-Gro 37RY47	6	33	MR
Beck	Beck 451NR	6	35	MR
Hoffman	H 46-09 CR	6	36	MR
Lewis Hybrids	452R2	6	38	MR
Lewis Hybrids	472R2	7	39	MR
Southern States	SS 4700 R2	7	42	MS
Baker Seed	Baker 4825NRR	7	42	MS
Kruger	K2-4801	8	46	MS
Gateway Seed	4RC498CTA	8	47	MS
G2 (NuTech)	7472	9	51	MS
Stone Seed Group	2R4702	9	52	MS
Dyna-Gro	Dyna-Gro 38RY45	9	54	MS

**2011 SIU SDS Commercial Variety Test - Valmeyer IL**  
**Maturity Group IV Late Roundup Ready**

Company	Entry	Foliar DX	Relative DX	Suggested Category
Beck	Beck 477NR	9	56	MS
Dairyland Seed	DSR-4810/RR	10	57	MS
Dyna-Gro	Dyna-Gro 31RY45	10	59	MS
Hornbeck Ag	HBK RY4620	10	59	MS
GrowMark	HS 45A02	11	62	S
Dyna-Gro	Dyna-Gro 33RY47	11	65	S
Beck	Beck 495NR	11	67	S
Dairyland Seed	DST45-001/R2Y	12	69	S
Merschman Seeds	MERSCHMAN NASHVILLE 749RR	12	69	S
Eagle Seed	ES 4818 RR	13	75	S
Pioneer	94Y70	13	78	S
GrowMark	HS 45T70	14	82	S
Asgrow	AG 4632	15	88	S
Check	<b>S03-007CR (sus)</b>	<b>17</b>	<b>98</b>	<b>S</b>
Stine Seed	Stine 45RC32	17	98	S
Hornbeck Ag	HBK RY4721	17	98	S
Hornbeck Ag	HBK R4729	17	98	S
Merschman Seeds	MERSCHMAN PHOENIX 1245RR2Y	18	106	S
Dairyland Seed	DST47-002/R2Y	19	114	S
Hornbeck Ag	HBK R4830	19	114	S
Hornbeck Ag	HBK R4829	21	123	S
Hornbeck Ag	HBK R4527	22	131	S
LG Seeds	C488R2	22	131	S
Check	<b>DP 4933RR</b>	<b>22</b>	<b>131</b>	<b>S</b>
Great Heart	GT-478CR2	33	196	S
Merschman Seeds	MERSCHMAN HOUSTON 747RR	36	212	S
Southern States	SS 4711 NR2	36	212	S
GrowMark	HS 47A12	36	212	S

**2011 SIU SDS Commercial Variety Test - Valmeyer, Carbondale, Shawneetown IL**  
**Maturity Group V Conventional**

nd - no disease

Company	Entry	Foliar DX	Relative DX	Suggested Category
Hornbeck Ag	HBK C5025	nd	nd	nd
Check	<b>LS05-6521 (res)</b>	<b>nd</b>	<b>nd</b>	<b>nd</b>
U of Ark	Osage	nd	nd	nd
U of Ark	Ozark	nd	nd	nd
U of Ark	R04-357	nd	nd	nd
U of Ark	R04-572	nd	nd	nd
U of Ark	R05-269	nd	nd	nd
U of Ark	R05-374	nd	nd	nd
U of Ark	R06-4433	nd	nd	nd
U of Ark	R07-1769	nd	nd	nd
UniSouth Genetics	USG 5002 T	nd	nd	nd
Merschman Seeds	MERSCHMAN HOOD 1150LL	nd	nd	nd
Eagle Seed	ES 5121 RR	nd	nd	nd
NK Brand	S 51-T8	nd	nd	nd
Schillinger	eMerge XC5110	nd	nd	nd
Merschman Seeds	MERSCHMAN OLYMPUS 1051LL	nd	nd	nd
Stine Seed	Stine 51LC32	nd	nd	nd
Check	<b>V82-2191 (sus)</b>	<b>nd</b>	<b>nd</b>	<b>nd</b>
U.S. Seeds	HALO 5:25	nd	nd	nd
Merschman Seeds	MERSCHMAN DENALI 1252LL	nd	nd	nd
Dyna-Gro	Dyna-Gro 35P53	nd	nd	nd
Excel	Excel Brand 6538N	nd	nd	nd
Check	<b>Camp (res)</b>	<b>nd</b>	<b>nd</b>	<b>nd</b>
Merschman Seeds	MERSCHMAN WHITNEY 1154LL	nd	nd	nd
Check	<b>A5560 (res)</b>	<b>nd</b>	<b>nd</b>	<b>nd</b>
Hornbeck Ag	HBK C5528	nd	nd	nd
Check	Forrest	nd	nd	nd
UniSouth Genetics	USG 5601 T	nd	nd	nd
Schillinger	eMerge XC5621	nd	nd	nd
U.S. Seeds	HALO 5:65	nd	nd	nd
Check	<b>DP 105 (sus)</b>	<b>nd</b>	<b>nd</b>	<b>nd</b>
Check	<b>850RR (sus)</b>	<b>nd</b>	<b>nd</b>	<b>nd</b>

**2011 SIU SDS Commercial Variety Test - Valmeyer, Carbondale, Shawneetown IL**  
**Maturity Group V Roundup Ready**

nd - no disease

Company	Entry	Foliar DX	Relative DX	Suggested Category
Lewis Hybrids	502R2	nd	nd	nd
Check	<b>850RR (sus)</b>	<b>nd</b>	<b>nd</b>	<b>nd</b>
U of Ark	R04-1268RR	nd	nd	nd
Hornbeck Ag	HBK RY5121	nd	nd	nd
Excel	Excel Brand 8512NRR	nd	nd	nd
Merschman Seeds	MERSCHMAN EVEREST 1251RR2Y	nd	nd	nd
Syngenta	X2R5110	nd	nd	nd
Hornbeck Ag	HBK RY5220	nd	nd	nd
Hornbeck Ag	HBK RY5221	nd	nd	nd
Hornbeck Ag	HBK R5226	nd	nd	nd
NK Brand	S 51-J3	nd	nd	nd
Syngenta	X2R5311	nd	nd	nd
Hornbeck Ag	HBK RY5421	nd	nd	nd
Check	<b>DP 5414RR (sus)</b>	<b>nd</b>	<b>nd</b>	<b>nd</b>
Great Heart	GT-550CR2	nd	nd	nd
Hornbeck Ag	HBK RY5521	nd	nd	nd
Hornbeck Ag	HBK R5525	nd	nd	nd
Hornbeck Ag	HBK R5529	nd	nd	nd
Syngenta	XR5612	nd	nd	nd
Check	<b>DP 5915RR (int res)</b>	<b>nd</b>	<b>nd</b>	<b>nd</b>