



Southern
Illinois University
Carbondale

2010

Soybean Sudden Death Syndrome

Commercial Variety Test Results

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Nearly 800 commercially available varieties, ranging in maturity from Maturity Group (MG) I to MG V were tested in 2010. 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: Paris, Havana, and Pontiac, IL. The late MG III through MG V were planted at three southern locations: Carbondale, New Haven, and Valmeyer, IL. Results are provided for Havana, and Valmeyer or Carbondale trials because these locations exhibited sufficient foliar symptoms of SDS.

Variables reported for each variety are:

Herb.: Herbicide resistance of a variety as declared by seed supplier.

Foliar DX: SDS disease index is calculated as $(DI \cdot DS)/9$. 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+

All locations were planted timely with the first planting date being April 21 and the last date being May 13. In general, the 2010 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

For more information on SIUC soybean research, visit www.soybean.siuc.edu or www.soybeandiseases.info.

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We would like to thank the following companies for participating in the Southern Illinois University 2010 Sudden Death Syndrome Test.

Companies are listed in alphabetical order.

Baker Seed
Mike Baker
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Bo-Jac Seed Company / Mavrick Brand Soybeans
Larry Schahl
245 1500th Avenue
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Dyna-Gro Seed
Mick Schonauer, Soybean Product Manager
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Gateway Seed Co.
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Kruger Seeds
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319.989.2848
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Latham Hi-Tech Seeds
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Martin Seeds Inc.
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Beck's Hybrids
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Dairyland Seed Co., Inc
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Great Heart Seed
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LG Seeds
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Lewis Hybrids
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Merschman Seeds, Inc.
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Miles Seed - Southern Cross Brand
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Prairie Brand
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Stine Seed Company
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Terral Seed Inc.
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Mycogen Seeds
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Schillinger Genetics
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Companies with entries represented in this test but not listed here were submitted through the VIPS program

2010 SIU SDS Commercial Variety Test
Maturity Group I Conventional - Havana IL

(na) - Not assigned due to insufficient disease pressure

Company	Entry	Herb	Foliar DX	Relative DX	Suggested Category
Check	AR10SDS (res)	Conv	0	0	na
Check	M00-456052 (res)	Conv	0	0	na
Stine	Stine 11LA62	LL	0	0	na
Dairyland	DSR-1680/STS	STS	0	3	na
Stine	Stine 14LA36	LL	0	3	na
Latham	Latham 1483L	LL	0	7	na
Stine	Stine 07LA06	LL	1	13	na
Latham	Latham 1857L	LL	4	67	na
Check	Myc5171RR (sus)	Conv	5	98	na
Check	M97-357138 (sus)	Conv	6	108	na

2010 SIU SDS Commercial Variety Test
Maturity Group I Roundup Ready - Havana IL
 (na) - Not assigned due to insufficient disease pressure

Company	Entry	Herb	Foliar DX	Relative DX	Suggested Category
Dairyland	DSR-1100/RR	RR	0	0	na
Dairyland	DSR-199/RRSTS	RR/STS	0	0	na
Latham	Latham 1936R	RR	0	0	na
Latham	Latham 1800RX	RR	0	0	na
LG Seeds	C1375R2	RR	0	0	na
Stine	Stine 1932-4	RR	0	0	na
Dairyland	DSR-1710/R2Y	RR	0	2	na
Latham	Latham 1568R2	RR	0	3	na
Kruger	Kruger K2-1901	RR	0	4	na
Excel	Excel Brand 8196NNRR	RR	0	4	na
Kruger	Kruger K2-1401	RR	0	4	na
Kruger	Kruger K2-1902	RR	0	4	na
Latham	Latham 1918R2	RR	1	6	na
Kruger	Kruger K2-1701	RR	1	6	na
Dairyland	DSR-1601/RR	RR	1	8	na
Stine	Stine 18RA02	RR	1	8	na
Dairyland	DSR-1807/R2Y	RR	1	10	na
Dairyland	DSR-1850/RRSTS	RR/STS	1	10	na
Latham	Latham 1885R2	RR	1	12	na
Dairyland	DST18-003/R2Y	RR	1	12	na
Kruger	Kruger K2-1001	RR	1	12	na
Dairyland	DSR-1302/RRSTS	RR/STS	1	14	na
Stine	Stine 01RA06	RR	1	14	na
Stine	Stine 13RA02	RR	1	16	na
Latham	Latham 1783R2	RR	2	19	na
Kruger	Kruger K2-1501	RR	2	21	na
Stine	Stine 13RA08	RR	2	21	na
Dairyland	DSR-1215/R2Y	RR	3	29	na
Dairyland	DST19-003/R2Y	RR	3	31	na
Latham	Latham 1985R2	RR	3	31	na
Latham	Latham 1463R2	RR	3	33	na
Excel	Excel Brand 8190NRR	RR	3	33	na
Kruger	Kruger K2-1602	RR	3	33	na
Check	Venus RR (res)	RR	3	33	na
Latham	Latham 1954R2	RR	4	39	na
Kruger	Kruger K2-1102	RR	4	39	na
Latham	Latham 1838R2	RR	5	51	na
Latham	Latham 1758R2	RR	7	81	na
Check	Myc 5171 RR (sus)	RR	9	105	na
Dairyland	DSR-1370/R2Y	RR	11	123	na

2010 SIU SDS Commercial Variety Test

Maturity Group II Early Conventional - Havana IL and Pontiac IL

(nd) - No disease

Company	Entry	Herb	Foliar DX	Relative DX	Suggested Category
Check	H-2494 (sus)	Conv	nd	nd	nd
Dairyland	DSR-2215	Conv	nd	nd	nd
Dairyland	DSR-2118	Conv	nd	nd	nd
Dairyland	DSR-2400	Conv	nd	nd	nd
G2 (NuTech)	239	Conv	nd	nd	nd
G2 (NuTech)	3248 L	Conv	nd	nd	nd
GrowMark	HS 23L02	LL	nd	nd	nd
Hughes	338 LL	Conv	nd	nd	nd
Latham	Latham 2058L	LL	nd	nd	nd
Latham	Latham 2383L	LL	nd	nd	nd
Merschman	NAVAHO 720RR	RR	nd	nd	nd
Merschman	COMANCHE 1024LL	LL	nd	nd	nd
Merschman	APACHE 1124RR2Y	RR	nd	nd	nd
Merschman	MOHEGAN 1121RR2Y	RR	nd	nd	nd
Merschman	MUNSEE 1121LL	RR	nd	nd	nd
Prairie Hybrids	IP 2200	Conv	nd	nd	nd
Public	IA 2068	Conv	nd	nd	nd
Schillinger	eMerge Genetics Y2310	Conv	nd	nd	nd
Stine	Stine 23LA03	Conv	nd	nd	nd

2010 SIU SDS Commercial Variety Test
Maturity Group II Early Roundup Ready - Havana IL
 (na) - Not assigned due to insufficient disease pressure

Company	Entry	Herb	Foliar DX	Relative DX	Suggested Category
Beck's Hybrids	Beck 244NR™	RR	0	0	na
Check	K-233+RR (res)	RR	0	0	na
Pioneer	92Y30	RR	0	0	na
Prairie Brand	PB-2056NRR	RR	0	0	na
Prairie Brand	PB-2439NRR2	RR	0	0	na
Prairie Brand	PB-2442R2	RR	0	0	na
AsGrow	AG 2330	RR	0	0	na
Dyna-Gro	Dyna-Gro 36RY24	RR	0	0	na
Excel	Excel Brand 8244NApRR	RR	0	0	na
G2 (NuTech)	7249	RR	0	0	na
GrowMark	HS 2166	RR	0	0	na
GrowMark	HS 21A02	RR	0	0	na
Latham	Latham 2084R2	RR	0	0	na
Latham	Latham 2164R	RR	0	0	na
Latham	Latham 2385R2	RR	0	0	na
Dairyland	DSR-2300/RR	RR	0	6	na
Dairyland	DSR-234/RR	RR	0	6	na
Excel	Excel Brand 8238RR	RR	0	6	na
Excel	Excel Brand 8240NRR	RR	0	6	na
LG Seeds	C2490R2	RR	0	6	na
Prairie Brand	PB-2058NRR	RR	0	6	na
Prairie Brand	PB-2377VNRR	RR	0	6	na
Stine	Stine 23RA22	RR	0	6	na
AsGrow	AG 2430	RR	0	6	na
GrowMark	HS 23A02	RR	0	6	na
GrowMark	HS 24R91	RR	0	6	na
Stine	Stine 2420-4	RR	0	12	na
Prairie Brand	PB-2042R2	RR	0	12	na
Prairie Brand	PB-2110R2	RR	0	12	na
Prairie Brand	PB-2558NRR	RR	0	12	na
Stine	Stine 24RB02	RR	0	12	na
Excel	Excel Brand 8217RR	RR	0	12	na
Latham	Latham 2268R2	RR	0	15	na
Prairie Brand	PB-2020R2	RR	1	19	na
Dyna-Gro	Dyna-Gro 33RY23	RR	1	19	na
Dairyland	DSR-2132/R2Y	RR	1	25	na
Dairyland	DSR-2200/RR	RR	1	25	na
Excel	Excel Brand 8236NRR	RR	1	25	na
Latham	Latham 2085R	RR	1	25	na
LG Seeds	C2175R2	RR	1	25	na
G2 (NuTech)	2324+RN	RR	1	25	na
Prairie Brand	PB-2278RR	RR	1	37	na

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Maturity Group II Early Roundup Ready - Havana IL
 (na) - Not assigned due to insufficient disease pressure

Company	Entry	Herb	Foliar DX	Relative DX	Suggested Category
Stine	Stine 21RB62	RR	1	37	na
Beck's Hybrids	Beck 242NR™	RR	1	37	na
Latham	Latham 2183R2	RR	1	43	na
Kruger	Kruger K2-2001	RR	1	49	na
Prairie Brand	PB-2099NRR2	RR	2	74	na
G2 (NuTech)	7226	RR	2	80	na
Latham	Latham 2182R2	RR	3	86	na
Prairie Brand	PB-2142R2	RR	3	99	na
Check	LD03-23508R (sus)	RR	3	100	na
Check	LD03-23016R (sus)	RR	3	100	na
Latham	Latham 2082R	RR	3	105	na
Dairyland	DSR-2375/R2Y	RR	4	142	na
Prairie Brand	PB-2207NRR	RR	6	191	na
LG Seeds	C2239NRR	RR	6	216	na
GrowMark	HS 24A01	RR	8	278	na
Latham	Latham 2440R2	RR	10	340	na
Renk	RS 241 R2	RR	10	346	na
Latham	Latham 2285R	RR	11	377	na
Prairie Brand	PB-2419RR2	RR	12	398	na
Kruger	Kruger K2-2301	RR	13	444	na
LG Seeds	C2465R2	RR	15	512	na

2010 SIU SDS Commercial Variety Test

Maturity Group II Late Conventional - Havana IL and Pontiac IL

(nd) - No disease

Company	Entry	Herb	Foliar DX	Relative DX	Suggested Category
Check	2900CR (sus)	RR	nd	nd	nd
Check	AR03-263051 (res)	Conv	nd	nd	nd
Check	H-2494 (sus)	Conv	nd	nd	nd
Check	LD06-30504Ra (res)	RR	nd	nd	nd
Bo-Jac	Mavrick 9298LL	LL	nd	nd	nd
Dairyland	DSR-2955	Conv	nd	nd	nd
Diener	D2915		nd	nd	nd
Excel	Excel Brand 6250 N	Conv	nd	nd	nd
Excel	Excel Brand 6265 N	Conv	nd	nd	nd
Excel	Excel Brand 6288NAp	Conv	nd	nd	nd
Excel	Excel Brand 6289NAp	Conv	nd	nd	nd
Excel	Excel Brand 6299	Conv	nd	nd	nd
Excel	Excel Brand 7257 HPSTS	Conv	nd	nd	nd
G2 (NuTech)	2299 L	Conv	nd	nd	nd
G2 (NuTech)	259 CN	Conv	nd	nd	nd
G2 (NuTech)	270 CN	Conv	nd	nd	nd
G2 (NuTech)	3255 L	Conv	nd	nd	nd
G2 (NuTech)	3280 L	Conv	nd	nd	nd
GrowMark	HS 25L80	LL	nd	nd	nd
GrowMark	HS 28L02	LL	nd	nd	nd
Horizon	H 292	Conv	nd	nd	nd
Hughes	525 LL	Conv	nd	nd	nd
Hughes	692 LL	Conv	nd	nd	nd
Hughes	777 RR	Conv	nd	nd	nd
Latham	Latham 2686L	LL	nd	nd	nd
Latham	Latham 2987L	LL	nd	nd	nd
LG Seeds	C2525LL	LL	nd	nd	nd
LG Seeds	C2665LL	LL	nd	nd	nd
LG Seeds	C2910	Conv	nd	nd	nd
Merschman	CHEROKEE 1029RR2Y	RR	nd	nd	nd
Merschman	MOHAVE 1128LL	LL	nd	nd	nd
Merschman	MOHAWK 1128RR2Y	RR	nd	nd	nd
Merschman	SHAWNEE 1126RR2Y	RR	nd	nd	nd
Merschman	SIOUX 1126LL	LL	nd	nd	nd
Merschman	UTE 1126RR	RR	nd	nd	nd
Munson	8286 LL	Conv	nd	nd	nd
Prairie Hybrids	IP 2602	Conv	nd	nd	nd
Prairie Hybrids	IP 2991	Conv	nd	nd	nd
Public	Dwight	Conv	nd	nd	nd
Public	Jack	Conv	nd	nd	nd
Schillinger	eMerge Genetics 289.TC	Conv	nd	nd	nd
Schillinger	eMerge Genetics 298F.Y	Conv	nd	nd	nd

2010 SIU SDS Commercial Variety Test

Maturity Group II Late Conventional - Havana IL and Pontiac IL

(nd) - No disease

Company	Entry	Herb	Foliar DX	Relative DX	Suggested Category
Schillinger	eMerge Genetics D2810	Conv	nd	nd	nd
Schillinger	eMerge Genetics Y2510	Conv	nd	nd	nd
Stine	Stine 25LA20	LL	nd	nd	nd
Stine	Stine 27LA32	LL	nd	nd	nd
Stine	Stine 29LA03	LL	nd	nd	nd

2010 SIU SDS Commercial Variety Test
Maturity Group II Late Roundup Ready - Havana IL
 (na) - Not assigned due to insufficient disease pressure

Company	Entry	Herb	Foliar DX	Relative DX	Suggested Category
Bo-Jac	Mavrick 7270RR	RR	0	0	na
Excel	Excel Brand 8252RR	RR	0	0	na
Excel	Excel Brand 8267NAPRR	RR	0	0	na
Stine	Stine 2862-4	RR	0	0	na
Stone Seed Group	3A288NRR	RR	0	0	na
Dairyland	DSR-2727/R2Y	RR	0	0	na
Martin	M125RR	RR	0	0	na
Munson	8291 RR	RR	0	0	na
Steyer	2450 RR	RR	0	0	na
Steyer	2601 R2	RR	0	0	na
Stine	Stine 29RB22	RR	0	0	na
Dairyland	DSR-2560/RR	RR	1	4	na
Deraedt	2523 RR	RR	1	4	na
Excel	Excel Brand 8244NAPRR	RR	1	4	na
Hughes	555 RR	RR	1	4	na
Hughes	777 RR	RR	1	4	na
Latham	Latham 2560R	RR	1	4	na
Martin	M028R2y	RR	1	4	na
Sun Prairie	SP 29R29	RR	1	4	na
Excel	Excel Brand 2900R2Y/STS	RR	1	4	na
Pioneer	92Y51	RR	1	4	na
Bo-Jac	Mavrick 8255RR	RR	1	6	na
Dairyland	DSR-2770/RR	RR	1	6	na
Excel	Excel Brand 8273RR	RR	1	6	na
Power Plus	28J0	RR	1	6	na
Renk	RS 259 NRR	RR	1	6	na
Beck's Hybrids	Beck 299NR™	RR	1	6	na
Beck's Hybrids	Beck EX 6013	RR	1	6	na
G2 (NuTech)	7288	RR	1	6	na
GrowMark	HS 25A02	RR	1	6	na
Horizon	28N44 R	RR	1	6	na
LG Seeds	C2699RR	RR	1	6	na
Renk	RS 261 NR2	RR	1	6	na
Renk	RS 271 NR2	RR	1	6	na
Check	LD06-30513Ra (int)	RR	1	8	na
Check	LD06-30504Ra (res)	RR	1	9	na
GrowMark	HS 29A02	RR	1	9	na
AsGrow	AG 2830	RR	1	9	na
Dyna-Gro	Dyna-Gro V278RR	RR	1	9	na
Prairie Brand	PB-2565RR	RR	1	9	na
Steyer	2850 RR	RR	1	9	na
Excel	Excel Brand 8257RR	RR	1	11	na

2010 SIU SDS Commercial Variety Test
Maturity Group II Late Roundup Ready - Havana IL
 (na) - Not assigned due to insufficient disease pressure

Company	Entry	Herb	Foliar DX	Relative DX	Suggested Category
Latham	Latham 2658R	RR	1	11	na
Stone Seed Group	3A259NRR	RR	1	11	na
Beck's Hybrids	Beck 275NR™	RR	1	11	na
G2 (NuTech)	2660 RN	RR	1	11	na
G2 (NuTech)	6281	RR	1	11	na
Horizon	29N90 R	RR	1	11	na
Kruger	Kruger K2-2703	RR	1	11	na
Latham	Latham 2648R2	RR	1	11	na
LG Seeds	C2895R2	RR	1	11	na
Power Plus	28S1	RR	1	11	na
Kruger	Kruger K2-2803	RR	2	13	na
Prairie Brand	PB-2632R2	RR	2	13	na
Excel	Excel Brand 8250NAPRR	RR	2	13	na
Pioneer	92M54	RR	2	13	na
Willcross	RY 5281 N	RR	2	13	na
Check	LD03-23508R (sus)	RR	2	13	na
Dyna-Gro	Dyna-Gro V25N9RR	RR	2	15	na
Diener	2621 CR2	RR	2	15	na
G2 (NuTech)	7260	RR	2	15	na
Great Lakes	GL 2555 RR	RR	2	15	na
Kruger	Kruger K2-2802	RR	2	15	na
Latham	Latham 2948R2	RR	2	15	na
Excel	Excel Brand 8288NNRR	RR	2	16	na
Diener	2941 CR2	RR	2	17	na
GrowMark	HS 27A02	RR	2	17	na
Prairie Brand	PB-2742VR2	RR	2	17	na
GrowMark	HS 28A02	RR	3	19	na
Dairyland	DSR-2930/R2Y	RR	3	21	na
Dyna-Gro	Dyna-Gro 38RY28	RR	3	21	na
Beck's Hybrids	Beck 294NR™	RR	3	24	na
G2 (NuTech)	7298	RR	3	24	na
Stone Seed Group	2R2501	RR	3	24	na
Kruger	Kruger K2-2701	RR	3	26	na
Latham	Latham 2635R	RR	3	26	na
Renk	RS 290 NR2	RR	3	26	na
Prairie Brand	PB-2667NRR	RR	3	26	na
GrowMark	HS 29R80	RR	4	28	na
Kruger	Kruger K2-2902	RR	4	28	na
G2 (NuTech)	7290	RR	4	28	na
Prairie Brand	PB-2959NRR2	RR	4	32	na
Bo-Jac	Mavrick 9282 RY	RR	4	33	na
Lewis	2908	RR	4	34	na

2010 SIU SDS Commercial Variety Test
Maturity Group II Late Roundup Ready - Havana IL
 (na) - Not assigned due to insufficient disease pressure

Company	Entry	Herb	Foliar DX	Relative DX	Suggested Category
Dairyland	DSR-2929/RR	RR	5	38	na
Hughes	454 RR	RR	5	38	na
LG Seeds	C2929R2	RR	5	38	na
G2 (NuTech)	7251	RR	5	41	na
Dyna-Gro	Dyna-Gro 39RY25	RR	5	41	na
Latham	Latham 2875R	RR	6	43	na
Pioneer	92Y80	RR	6	43	na
G2 (NuTech)	7258	RR	6	43	na
Latham	Latham 2767R2	RR	6	47	na
Latham	Latham 2885R2	RR	6	48	na
Latham	Latham 2740R	RR	6	49	na
Stone Seed Group	2R2801	RR	7	51	na
Kruger	Kruger K2-2903V1	RR	7	51	na
Prairie Brand	PB-2636NRR	RR	7	56	na
Stone Seed Group	2R2701	RR	7	56	na
Excel	Excel Brand 2700R2Y/STS	RR	8	64	na
LG Seeds	C2775NRR	RR	9	71	na
AsGrow	AG 2931	RR	9	71	na
Channel	2903 R2	RR	9	71	na
Check	LD06-30505Ra (int)	RR	10	77	na
Munson	8281 R2Y	RR	10	79	na
Deraedt	2788 RRN	RR	10	80	na
Steyer	2701 R2	RR	11	81	na
Willcross	RY 5251 N	RR	11	83	na
G2 (NuTech)	7297	RR	11	85	na
Sun Prairie	SP 28R20	RR	12	90	na
Martin	M927NRR	RR	12	92	na
Check	2900CR (sus)	RR	13	101	na
G2 (NuTech)	7269	RR	14	109	na
Kruger	Kruger K2-2901	RR	15	113	na
Channel	2500 R2	RR	15	113	na
Kruger	Kruger K2-2804	RR	15	113	na
Kruger	Kruger K2-2502	RR	17	128	na
Steyer	2501 R2	RR	17	128	na
Latham	Latham 2900R	RR	18	138	na
Sun Prairie	SP 2967 NRR	RR	19	145	na
Horizon	29N12 R	RR	24	184	na

2010 SIU SDS Commercial Variety Test
Maturity Group III Early Conventional - Havana IL

Company	Entry	Herb	Foliar DX	Relative DX	Suggested Category
Check	AR07-376031 (res)	Conv	0	2	R
Munson	8325	Conv	1	6	R
Latham	Latham 3287L	LL	2	7	R
Merschman	ARTHUR 1030RR2Y	RR	4	16	R
Merschman	TAFT 1130RR	RR	5	23	R
Public	IA 3005	Conv	6	25	MR
Schillinger	eMerge Genetics D3010	Conv	6	27	MR
G2 (NuTech)	309 CN	Conv	6	28	MR
Diener	D3311	Conv	7	29	MR
Schillinger	eMerge Genetics D3210	Conv	7	31	MR
Dairyland	DSR-3155	RR	8	36	MR
Schillinger	eMerge Genetics 348.TCS	STS	11	46	MR
Excel	Excel Brand 6336 N	Conv	11	47	MS
Excel	Excel Brand 6311 HP	Conv	13	55	MS
Merschman	JEFFERSON 1131RR2Y	RR	14	61	MS
GrowMark	HS 31L02	LL	17	73	S
Beck's Hybrids	Beck 331N	Conv	17	74	S
Horizon	H 349 N	Conv	19	81	S
Merschman	MCKINLEY 1130LL	LL	19	82	S
Stine	Stine 33LA23	LL	19	84	S
Horizon	30N11 L	Conv	20	85	S
Beck's Hybrids	Beck 306 NL	Conv	22	97	S
Check	2900CR (sus)	Conv	23	99	S
LG Seeds	C3069LL	LL	23	102	S
G2 (NuTech)	3310 L	Conv	24	105	S
Bo-Jac	Mavrick 9326LL	LL	25	109	S

2010 SIU SDS Commercial Variety Test

Maturity Group III Early Roundup Ready - Havana IL

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

Company	Entry	Herb	Foliar DX	Relative DX	Suggested Category
Latham	Latham 3157R	RR	0	0	na
Martin	M930NRR	RR	0	0	na
AsGrow	AG 3431	RR	0	0	na
GrowMark	HS 31A02	RR	0	0	na
GrowMark	HS 3466	RR	0	0	na
Hubner	H 33-11 R2	RR	0	0	na
Steyer	3401 R2	RR	0	0	na
Dairyland	DSR-3265/RR	RR	1	2	na
GrowMark	HS 32A02	RR	1	2	na
Channel	3404 R2	RR	1	4	na
Dyna-Gro	Dyna-Gro 37RY33	RR	1	4	na
Great Lakes	GL 3049 R2	RR	1	4	na
Prairie Brand	PB-3152R2	RR	1	4	na
G2 (NuTech)	6311	RR	2	7	na
Horizon	H 340 N	RR	2	7	na
LG Seeds	C3445NRR	RR	2	7	na
Pioneer	93Y11	RR	2	7	na
Pioneer	93Y40	RR	2	7	na
Power Plus	32K0	RR	2	7	na
Stine	Stine 3423-4	RR	2	7	na
Sun Prairie	SP 34R29	RR	2	7	na
AsGrow	AG 3231	RR	2	7	na
Dyna-Gro	Dyna-Gro 37J34	RR	2	7	na
G2 (NuTech)	7328	RR	2	7	na
G2 (NuTech)	7330	RR	2	7	na
Kruger	Kruger K2-3402	RR	2	7	na
Latham	Latham 3186R2	RR	2	7	na
Latham	Latham 3458R2	RR	2	7	na
Martin	M132NR2Y	RR	2	7	na
Beck's Hybrids	Beck 325NR™	RR	2	9	na
Lewis	3407	RR	2	9	na
Pioneer	93M42	RR	2	9	na
Beck's Hybrids	Beck EX 6002	RR	2	9	na
Check	LD06-14187R	RR	2	9	na
Great Lakes	GL 3259 R2	RR	2	9	na
Latham	Latham 3148R2	RR	3	11	na
Lewis	300R2	RR	3	13	na
Dyna-Gro	Dyna-Gro 35RY33	RR	3	13	na
Dyna-Gro	Dyna-Gro 39RY30	RR	3	13	na
Stone Seed Group	2R3401	RR	3	13	na
Horizon	34N43 R	RR	4	18	na
Power Plus	34B9	RR	4	18	na

2010 SIU SDS Commercial Variety Test

Maturity Group III Early Roundup Ready - Havana IL

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

Company	Entry	Herb	Foliar DX	Relative DX	Suggested Category
AsGrow	AG 3331	RR	4	18	na
Bo-Jac	Mavrick 9302RY	RR	4	18	na
Kruger	Kruger K2-3002	RR	4	18	na
Munson	8301 R2Y	RR	4	18	na
GrowMark	HS 33A02	RR	5	20	na
LG Seeds	C3031RR	RR	5	20	na
LG Seeds	C3001R2	RR	6	22	na
Stone Seed Group	2R3001	RR	6	22	na
Kruger	Kruger K2-3302	RR	6	23	na
G2 (NuTech)	7316*	RR	7	27	na
Sun Prairie	SP 3430 NRR	RR	7	27	na
AsGrow	AG 3131	RR	7	27	na
Horizon	34N39 R	RR	7	27	na
Latham	Latham 3268R2	RR	7	27	na
Horizon	32N62 R	RR	7	28	na
Beck's Hybrids	Beck 322NR™	RR	8	33	na
Horizon	33N58 R	RR	8	33	na
Kruger	Kruger K2-3103	RR	9	36	na
G2 (NuTech)	7309	RR	10	40	na
Stone Seed Group	3A319NRR	RR	10	40	na
Check	MAC02-256 (sus)	RR	11	44	na
Pioneer	93Y02	RR	11	44	na
Stone Seed Group	2346NRR	RR	11	44	na
Prairie Brand	PB-3436NRR	RR	11	44	na
Bo-Jac	Mavrick 6343RR	RR	13	53	na
Dairyland	DSR-3003/RRSTS	RR/STS	13	53	na
Steyer	3001 R2	RR	13	53	na
Sun Prairie	SP 33R20	RR	13	53	na
Dairyland	DSR-3240/R2Y	RR	14	56	na
Hubner	H 34-11 R2	RR	14	56	na
Dyna-Gro	Dyna-Gro 37T33	RR/STS	14	58	na
Bo-Jac	Mavrick 7303RR	RR	17	67	na
Lewis	330R2	RR	17	67	na
Dyna-Gro	Dyna-Gro 33RY30	RR	17	67	na
G2 (NuTech)	7310	RR	17	67	na
Great Lakes	GL 3449 RR	RR	17	67	na
Prairie Brand	PB-3019VNRR2	RR	17	67	na
LG Seeds	C3266R2	RR	18	72	na
Stine	Stine 31RB82	RR	18	72	na
Dairyland	DSR-3017/R2Y	RR	19	76	na
AsGrow	AG 3030	RR	19	76	na
Horizon	30N77 R	RR	19	76	na

2010 SIU SDS Commercial Variety Test
Maturity Group III Early Roundup Ready - Havana IL

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

Company	Entry	Herb	Foliar DX	Relative DX	Suggested Category
Latham	Latham 3486R	RR	19	76	na
Prairie Brand	PB-3123RR	RR	19	76	na
Prairie Brand	PB-3442R2	RR	19	76	na
Stine	Stine 33RA28	RR	20	80	na
LG Seeds	C3030R2	RR	22	89	na
Diener	3012 CR2	RR	22	89	na
Latham	Latham 3346R2	RR	22	89	na
Steyer	3102 R2	RR	22	89	na
Munson	8328 RR	RR	24	94	na
Steyer	3202 R2	RR	24	94	na
Check	2900CR (sus)	RR	25	100	na
AsGrow	AG 3130	RR	28	111	na
Prairie Brand	PB-3239NRR2	RR	28	111	na
Stine	Stine 3132-4	RR	30	120	na
Bo-Jac	Mavrick 8322RR	RR	33	133	na
Channel	3000 R2	RR	33	133	na
Bo-Jac	Mavrick 9342 RY	RR	33	133	na
Dairyland	DSR-3466/R2Y	RR	33	133	na
Willcross	RY 5311 N	RR	39	156	na
Munson	8321 R2Y	RR	39	156	na
Prairie Brand	PB-2956NRR	RR	39	156	na
AsGrow	AG 3430	RR	44	178	na
Horizon	31N87 R	RR	44	178	na

2010 SIU SDS Commercial Variety Tests

Maturity Group III Late Conventional - Valmeyer IL

Company	Entry	Herb	Foliar DX	Relative DX	Suggested Category
G2 (NuTech)	397 CN	Conv	0	1	R
GrowMark	HS 35L02	LL	2	4	R
AsGrow	AG 3555	Conv	2	5	R
Public	Patriot	Conv	2	5	R
Bo-Jac	Mavrick 9386LL	LL	3	6	R
Munson	8365	Conv	3	8	R
Schillinger	eMerge Genetics 3520	Conv	4	9	R
Check	SS02-15897 (res)	Conv	4	9	R
Merschman	TRUMAN 938LL	LL	5	12	R
Merschman	EISENHOWER 1039LL	LL	6	13	R
Schillinger	eMerge Genetics D3820	Conv	6	13	R
Schillinger	eMerge Genetics 389F.YC	Conv	6	14	R
Excel	Excel Brand 6346N	Conv	6	15	R
Merschman	ROOSEVELT 1138RR2Y	RR	7	17	R
Merschman	COOLIDGE 1135RR	RR/STS	8	18	R
Dyna-Gro	Dyna-Gro 34LL37	LL	8	19	R
Excel	Excel Brand 6365 N	Conv	9	20	R
Horizon	H 361 N	Conv	9	22	MR
LG Seeds	C3884N	Conv	9	22	MR
Merschman	KENNEDY 1036RR2Y	RR	10	23	MR
Dyna-Gro	Dyna-Gro V388SCN	Conv	10	24	MR
Excel	Excel Brand 6356 N	Conv	11	26	MR
Merschman	MADISON 1039LL	LL	12	28	MR
GrowMark	HS 39L02	LL	13	29	MR
LG Seeds	C3987LL	LL	13	31	MR
Schillinger	eMerge Genetics C3810	Conv	14	33	MR
Schillinger	eMerge Genetics 388.TC	Conv	15	34	MR
Bo-Jac	Mavrick 8357LL	LL	15	35	MR
Horizon	38N17 L	Conv	17	39	MR
Dyna-Gro	Dyna-Gro 36LL39	LL	18	41	MS
Public	Maverick	Conv	18	42	MS
Dairyland	DST35-002	Conv	19	43	MS
Merschman	WASHINGTON 1136RR2Y	RR	20	47	MS
LG Seeds	C3554	Conv	20	47	MS
G2 (NuTech)	3399 L	Conv	21	49	MS
LG Seeds	C3510LL	LL	22	52	MS
Excel	Excel Brand 3444 N	Conv	30	69	S
Prairie Hybrids	IP 3902	Conv	35	82	S
Dairyland	DSR-3590	Conv	37	86	S
Check	LS05-0220 (sus)	Conv	43	99	S
Stine	Stine 39LA02	Conv	48	112	S
Public	Williams 82	Conv	50	116	S

**2010 SIU SDS Commercial Variety Test
Maturity Group III Late Roundup Ready - Valmeyer IL**

Company	Entry	Herb	Foliar DX	Relative DX	Suggested Category
Power Plus	36C0	RR	3	10	R
Munson	8361 RR	RR	4	11	R
Stone Seed Group	2R3901	RR	4	12	R
Steyer	3801 R2	RR	4	13	R
Pioneer	93Y51	RR	5	15	R
Diener	3821 CR2	RR	5	15	R
Kruger	Kruger K2-3901	RR	6	18	R
Beck's Hybrids	Beck 388NR™	RR	6	18	R
Munson	8371 R2Y	RR	6	18	R
Terral	REVTM 38R10	RR	6	19	R
Lewis	3909	RR	7	20	R
Kruger	Kruger K2-3902	RR	7	20	R
Latham	Latham 3985R	RR	7	20	R
Dairyland	DSR-3939/R2Y	RR	7	21	MR
Beck's Hybrids	Beck 362NR™	RR	8	24	MR
GrowMark	HS 38R80	RR	8	24	MR
Horizon	35N01 R	RR	8	24	MR
GrowMark	HS 39A02	RR	8	24	MR
GrowMark	HS 38A02	RR	8	25	MR
Power Plus	36A1	RR	8	26	MR
LG Seeds	C3988NRR	RR	9	26	MR
LG Seeds	C3766NRR	RR	9	27	MR
Lewis	361R2	RR	9	27	MR
AsGrow	AG 3631	RR	9	28	MR
Bo-Jac	Mavrick 5394RR	RR	9	28	MR
Excel	Excel Brand 3900R2Y	RR	9	28	MR
Beck's Hybrids	Beck 357NR™	RR	9	29	MR
Sun Prairie	SP 38R20	RR	10	29	MR
Dairyland	DSR-3675/RR	RR	10	29	MR
Lewis	351R2	RR	10	30	MR
GrowMark	HS 39R70	RR	10	30	MR
Prairie Brand	PB-3532R2	RR	11	32	MR
AsGrow	AG 3931	RR	11	33	MR
Stone Seed Group	2R3900	RR	11	34	MR
Dyna-Gro	Dyna-Gro 37RY39	RR	11	35	MR
AsGrow	AG 3730	RR	12	36	MR
Dairyland	DSR-3585/RR	RR	12	36	MR
Martin	M435NRR	RR	12	37	MR
G2 (NuTech)	7353	RR	12	37	MR
Pioneer	93Y92	RR	13	39	MR
G2 (NuTech)	7398	RR	13	39	MR
GrowMark	HS 35A02	RR	13	39	MR

**2010 SIU SDS Commercial Variety Test
Maturity Group III Late Roundup Ready - Valmeyer IL**

Company	Entry	Herb	Foliar DX	Relative DX	Suggested Category
Prairie Brand	PB-3892R2	RR	13	39	MR
G2 (NuTech)	7388	RR	13	40	MR
Dyna-Gro	Dyna-Gro V39N9RR	RR	14	42	MS
Stone Seed Group	3A388NRR	RR	14	42	MS
Excel	Excel Brand 3702NR2Y	RR	14	43	MS
Channel	3600 R2	RR	15	45	MS
Pioneer	93Y70	RR	15	45	MS
AsGrow	AG 3830	RR	15	45	MS
Lewis	381R2	RR	15	45	MS
Stone Seed Group	2R3701	RR	15	45	MS
G2 (NuTech)	7385	RR	15	45	MS
Diener	3551 CR2	RR	15	45	MS
Pioneer	93M61	RR	16	47	MS
UniSouth Genetics	USG 73F59	RR	16	47	MS
Willcross	RY 5361 N	RR	16	47	MS
Horizon	36N62 R	RR	16	48	MS
Baker Seed	Baker 3945 NRR	RR	17	51	MS
AsGrow	AG 3831	RR	17	51	MS
Dairyland	DST38-000/R2Y	RR	17	51	MS
Stine	Stine 40RA82	RR	17	51	MS
Excel	Excel Brand 8394NRR	RR	17	51	MS
Latham	Latham 3875R	RR	18	54	MS
Excel	Excel Brand 8352NRR	RR	18	54	MS
Gateway	3R385	RR	19	56	MS
Dyna-Gro	Dyna-Gro 38RY35	RR	19	56	MS
Stone Seed Group	2R3801	RR	19	56	MS
Kruger	Kruger K2-3802	RR	19	57	MS
GrowMark	HS 37A02	RR	19	59	MS
Kruger	Kruger K2-3801	RR	20	59	MS
Kruger	Kruger K2-3601	RR	20	62	S
LG Seeds	C3616R2	RR	20	62	S
Pioneer	93Y91	RR	20	62	S
Horizon	38N04 R	RR	20	62	S
Kruger	Kruger K2-3602	RR	20	62	S
Latham	Latham 3858R	RR	20	62	S
Martin	M538NRR	RR	22	67	S
Terral	REVTM 35R10	RR	22	67	S
Dairyland	DSR-3736/R2Y	RR	22	68	S
Horizon	H 384 N	RR	23	70	S
G2 (NuTech)	7390	RR	24	72	S
Bo-Jac	Mavrick 6369RR	RR	24	73	S
Lewis	380R2	RR	24	73	S

2010 SIU SDS Commercial Variety Test
Maturity Group III Late Roundup Ready - Valmeyer IL

Company	Entry	Herb	Foliar DX	Relative DX	Suggested Category
Bo-Jac	Mavrick 7376RR	RR	26	79	S
UniSouth Genetics	USG 73H77	RR	27	81	S
Hoblit	38H1	RR	27	81	S
Latham	Latham 3978R	RR	28	84	S
Prairie Brand	PB-3796NRR	RR	30	90	S
Dyna-Gro	Dyna-Gro 37P37	RR	30	91	S
Southern States	SS 3820 NR2	RR	31	95	S
Beck's Hybrids	Beck 393NR	RR	31	95	S
Check	MAC02-256 (sus)	RR	33	101	S
Check	MAC02-323 (sus)	RR	33	101	S
Stone Seed Group	2R3600	RR	35	107	S
Dyna-Gro	Dyna-Gro 33RY39	RR	43	129	S

2010 SIU SDS Commercial Variety Test
Maturity Group IV Early Conventional - Valmeyer IL

Company	Entry	Herb	Foliar DX	Relative DX	Suggested Category
Check	LD06-7862 (res)	Conv	2	3	R
Check	Ripley (res)	Conv	2	3	R
Excel	Excel Brand 6409N	Conv	2	3	R
Excel	Excel Brand 6427Nrk	Conv	3	4	R
Gateway	427	Conv	4	6	R
Schillinger	eMerge Genetics 435.TCS	STS	5	7	R
Stine	Stine 42LA20	LL	7	10	R
Schillinger	eMerge Genetics C4310	STS	8	12	R
Merschman	MEMPHIS 943RR	RR/STS	9	13	R
Schillinger	eMerge Genetics 447.TC	Conv	10	15	R
Merschman	DENVER 1142RR2Y	RR	10	16	R
Dyna-Gro	Dyna-Gro 3410SCN	Conv	11	17	R
Schillinger	eMerge Genetics C4320	Conv	13	20	R
LG Seeds	C4105N	Conv	13	20	R
Miles	Benjamin 4.3 N	Conv	17	26	MR
Schillinger	eMerge Genetics 428F.HPC	LL	19	28	MR
Schillinger	eMerge Genetics 448F.HPC	Conv	24	36	MR
Miles	Enos 4.3 N, LL	LL	26	39	MR
Dyna-Gro	Dyna-Gro 39LL43	LL	30	45	MS
Merschman	BRANSON 1142RR2Y	RR/STS	31	48	MS
Merschman	NORFOLK 741RR	RR/STS	37	56	MS
Check	Spencer (sus)	Conv	67	101	S

2010 SIU SDS Commercial Variety Test
Maturity Group IV Early Roundup Ready - Valmeyer IL

Company	Entry	Herb	Foliar DX	Relative DX	Suggested Category
Baker Seed	Baker 4065 NRR	RR	1	2	R
Pioneer	94Y01	RR	2	5	R
Lewis	430R2	RR	3	6	R
Terral	REVTM 40R10	RR	4	9	R
Lewis	3968	RR	5	11	R
Excel	Excel Brand 8402NNRR	RR	5	12	R
Lewis	400R2	RR	6	13	R
Excel	Excel Brand 4100NR2Y	RR	6	13	R
Dyna-Gro	Dyna-Gro 36C44	RR/STS	6	15	R
Beck's Hybrids	Beck 400NR™	RR	7	15	R
GrowMark	HS 4366	RR	8	18	R
Dyna-Gro	Dyna-Gro 35X43	RR	8	18	R
Kruger	Kruger K2-4201	RR	8	18	R
Dyna-Gro	Dyna-Gro 32RY40	RR	8	18	R
Lewis	421R2	RR	9	21	MR
Baker Seed	Baker 4495 NRRSTS	RR/STS	9	21	MR
Gateway	4RS449	RR	10	22	MR
GrowMark	HS 44A02	RR	11	24	MR
Dairyland	DSR-4300/RR	RR	12	28	MR
Horizon	H 422 N	RR	12	28	MR
Lewis	441R2	RR	13	29	MR
Horizon	41N54 R	RR	13	30	MR
Beck's Hybrids	Beck 432NR™	RR/STS	14	31	MR
Pioneer	94Y20	RR	14	32	MR
Gateway	4R2C432CTA	RR	14	33	MR
AsGrow	AG 4031	RR	15	34	MR
Kruger	Kruger K2-4302	RR	15	34	MR
Kruger	Kruger K2-4101	RR	15	34	MR
Diener	4001 CR2	RR	16	35	MR
Beck's Hybrids	Beck 445NR	RR/STS	17	39	MR
Horizon	40N15 R	RR	18	40	MR
Lewis	411R2	RR/STS	18	40	MR
Stone Seed Group	2R4201	RR	18	40	MR
Excel	Excel Brand 4200NR2Y	RR	19	42	MS
Horizon	H 419 N	RR	19	42	MS
Delta Grow	4470 RRSTS	RR	19	43	MS
LG Seeds	C4330NRR	RR	19	44	MS
Kruger	Kruger K2-4202	RR	21	48	MS
Dairyland	DSR-4242/R2Y	RR	23	51	MS
Dyna-Gro	Dyna-Gro 39RY41	RR	23	52	MS
Dyna-Gro	Dyna-Gro 33A40	RR	23	52	MS
AsGrow	AG 4130	RR	23	53	MS

2010 SIU SDS Commercial Variety Test
Maturity Group IV Early Roundup Ready - Valmeyer IL

Company	Entry	Herb	Foliar DX	Relative DX	Suggested Category
Miles	Michael 4.2 N, RR, STS	RR/STS	24	54	MS
Miles	Lot 4.1 N, RR, STS	RR/STS	24	55	MS
Stone Seed Group	3A449NRR/STS	RR/STS	24	56	MS
Stone Seed Group	4184NRR/STS	RR/STS	26	59	MS
Excel	Excel Brand 8442NRR	RR	28	63	S
Baker Seed	Baker 4295 NRRSTS	RR/STS	30	67	S
Excel	Excel Brand 8427NRR	RR	30	67	S
Lewis	4150	RR/STS	32	72	S
Miles	Caleb 4.4 N, RR, STS	RR/STS	32	73	S
Check	MAC-4757 (sus)	RR	36	81	S
Gateway	4RS431	RR	36	81	S
Miles	Jericho 4.2 N, RR	RR	37	84	S
GrowMark	HS 42A02	RR	37	84	S
GrowMark	HS 40A02	RR	37	85	S
G2 (NuTech)	4041 SRN	RR	39	88	S
Stine	Stine 43RB82	RR	40	90	S
Check	SS03-13390 (sus)	RR	44	101	S
Steyer	4001 R2	RR	46	105	S
Miles	Jedidiah 4.1 N, GENRR2Y	RR	48	108	S

2010 SIU SDS Commercial Variety Test
Maturity Group IV Late Conventional - Carbondale IL

Company	Entry	Herb	Foliar DX	Relative DX	Suggested Category
Schillinger	eMerge Genetics C4510	STS	1	2	R
Schillinger	eMerge Genetics P4520	Conv	1	3	R
Syngenta	S49-A5	Conv	1	5	R
Merschman	LOUISVILLE 1147RR2Y	RR	1	5	R
Merschman	ATLANTA 1047RR2Y	RR/STS	1	6	R
Schillinger	eMerge Genetics 477.TCS	STS	2	8	R
Miles	Jared 4.6 N	Conv	3	12	R
Merschman	ROCKY RR	RR	3	14	R
Merschman	PHOENIX 1145RR2Y	RR	3	14	R
Gateway	471	Conv	4	16	R
Merschman	HOUSTON 747RR	RR/STS	5	19	R
Schillinger	eMerge Genetics C4910	STS	5	21	MR
Merschman	NASHVILLE 749RR	RR/STS	6	27	MR
GrowMark	HS 48L90	LL	7	28	MR
Merschman	DALLAS RR	RR	7	29	MR
Miles	Joshua 4.8	Conv	8	32	MR
Merschman	RICHMOND 649RR	RR	8	34	MR
Syngenta	S47-R3	Conv	9	37	MR
Merschman	ORLANDO 1048LL	LL	10	42	MS
Hoffman	H 451 N	Conv	11	46	MS
Gateway	473	Conv	13	54	MS
Gateway	479	Conv	14	57	MS
UniSouth Genetics	USG 74W80 C	Conv	14	60	MS
Baker Seed	Baker 4805 NLL	LL	20	82	S
Miles	Aaron 4.5 N, STS	STS	23	95	S
Check	CM 497 (sus)	Conv	24	100	S
Merschman	MIAMI 949LL	LL	33	139	S
Miles	Shiloh 4.9 N, LL	LL	34	141	S
Stine	Stine 49LA28	LL	46	190	S

2010 SIU SDS Commercial Variety Test
Maturity Group IV Late Roundup Ready - Valmeyer IL

Company	Entry	Herb	Foliar DX	Relative DX	Suggested Category
Terral	REVTM 49R11	RR	1	3	R
Dyna-Gro	Dyna-Gro 35RY47	RR	2	5	R
GrowMark	HS 47A02	RR	3	7	R
Lewis	471R2	RR	5	14	R
Beck's Hybrids	Beck 491NR™	RR	6	16	R
Dairyland	DSR-8482/RR	RR	9	23	MR
Kruger	Kruger K2-4701	RR	9	24	MR
AsGrow	AG 4531	RR	10	26	MR
Pioneer	94Y70	RR	10	27	MR
Miles	Marcus 4.7 N, GENRR2Y	RR	12	30	MR
Pioneer	94Y60	RR	13	32	MR
AsGrow	AG 4630	RR	13	32	MR
Miles	Elam 4.6 GENRR2Y, STS	RR/STS	13	33	MR
Gateway	4R495	RR	13	34	MR
Stone Seed Group	2R4500STS	RR/STS	13	34	MR
Lewis	4729	RR/STS	14	37	MR
G2 (NuTech)	7460	RR	16	41	MS
Lewis	478	RR/STS	17	43	MS
Gateway	4R487	RR	19	47	MS
Kruger	Kruger K2-4601	RR	19	47	MS
LG Seeds	C4625R2	RR	19	47	MS
Gateway	4R492	RR	19	48	MS
Dairyland	DSR-4500/RRSTS	RR/STS	19	49	MS
Baker Seed	Baker 4795 NRRSTS	RR/STS	20	52	MS
Terral	REVTM 48R10	RR	22	57	MS
Terral	REVTM 45R10	RR	22	57	MS
Delta Grow	4880 RR	RR	23	58	MS
GrowMark	HS 48R70	RR	24	62	S
Dyna-Gro	Dyna-Gro 38RY45	RR	24	62	S
Lewis	450R2	RR/STS	24	62	S
Terral	TV47R18	RR	26	66	S
GrowMark	HS 45T70	RR	26	67	S
Terral	REVTM 49R21	RR	27	69	S
GrowMark	HS 47A91	RR	27	69	S
Baker Seed	Baker 4825 NRR	RR	28	71	S
Dairyland	DSR-4810/RR	RR	28	71	S
Gateway	4Rc498CTA	RR	28	71	S
Beck's Hybrids	Beck 466NR™	RR	29	74	S
Terral	TV49R19	RR	30	76	S
Steyer	4501 R2	RR	30	76	S
Kruger	Kruger K2-4501	RR	31	81	S
Beck's Hybrids	Beck 451NR	RR	32	81	S

2010 SIU SDS Commercial Variety Test
Maturity Group IV Late Roundup Ready - Valmeyer IL

Company	Entry	Herb	Foliar DX	Relative DX	Suggested Category
Miles	Galilee 4.7 N, RR	RR	33	85	S
Pioneer	94Y80	RR	33	85	S
AsGrow	AG 4730	RR	33	85	S
GrowMark	HS 45A02	RR	33	85	S
Gateway	4RS497	RR	35	90	S
Excel	Excel Brand 8486NNRR	RR	35	90	S
Stone Seed Group	4760NRR/STS	RR/STS	37	95	S
Check	S03-007CR (sus)	RR	39	99	S
Miles	Eli 4.7 N, RR, STS	RR/STS	39	100	S
Baker Seed	Baker 4565 NRR	RR	39	100	S
UniSouth Genetics	USG 74C69	RR	39	100	S
Gateway	4Rc489CTB	RR	40	102	S
Terral	REVTM 49R10	RR	41	104	S
Terral	TV46R19	RR	42	107	S
Gateway	4RS477	RR	44	114	S
Terral	TV49R17	RR	44	114	S
UniSouth Genetics	USG 74T59	RR	51	130	S
Terral	TV49R27	RR	56	142	S
Gateway	4Rc490CTA	RR	56	142	S
Delta Grow	4970 RR	RR	61	157	S

**2010 SIU SDS Commercial Variety Test
Maturity Group V Conventional - Carbondale IL**

Company	Entry	Herb	Foliar DX	Relative DX	Suggested Category
Syngenta	S51-T8	Conv	1	3	R
U of Arkansas	Ozark	Conv	2	8	R
Delta Grow	5275 RR2	Conv	3	9	R
UniSouth Genetics	USG 5601 T	Conv	3	11	R
U of Arkansas	R05-235	Conv	4	14	R
Excel	Excel Brand 6538 N	Conv	4	15	R
Syngenta	S57-K3	Conv	4	15	R
Syngenta	XR5902	Conv	5	19	R
Southern States	RT 5160 N	Conv	7	24	MR
U of Arkansas	R06-4433	Conv	7	25	MR
UniSouth Genetics	USG 5002 T	Conv	7	26	MR
U of Arkansas	R04-572	Conv	8	28	MR
Schillinger	eMerge Genetics C5110	Conv	8	29	MR
Check	LS05-6521 (res)	Conv	9	31	MR
Gateway	505	Conv	9	32	MR
U of Arkansas	Osage	Conv	9	32	MR
Merschman	RUSHMORE 959RR	RR/STS	10	34	MR
Syngenta	S54-M7	Conv	11	38	MR
U of Arkansas	R04-357	Conv	11	40	MR
U of Arkansas	R01-976	Conv	12	43	MS
U of Arkansas	Lonoke	Conv	12	44	MS
Syngenta	X2R5200	Conv	13	46	MS
Merschman	EVEREST RR	RR	16	57	MS
Southern States	RT 5450 N	Conv	17	62	S
Check	850RR (sus)	RR	20	73	S
Merschman	OLYMPUS 1051LL	LL	25	90	S
Check	DP 105 (sus)	Conv	28	99	S
Merschman	WHITNEY 1154LL	LL	31	109	S
Delta Grow	5280 RR	Conv	33	119	S

**2010 SIU SDS Commercial Variety Test
Maturity Group V Roundup Ready - Carbondale IL**

Company	Entry	Herb	Foliar DX	Relative DX	Suggested Category
Lewis	511R2	RR	3	14	R
Miles	Damascus 5.0 N, RR, STS	RR/STS	4	19	R
Excel	Excel Brand 8512NRR	RR	6	30	MR
check	DP 5915 (int)	RR	6	33	MR
Gateway	5R533	RR	7	39	MR
Terral	TV52R79	RR	8	41	MS
Terral	TV55R15	RR	10	51	MS
Terral	REVTM 54R10	RR	10	51	MS
Terral	TV59R16	RR	12	62	S
Terral	REVTM 55R21	RR/STS	14	73	S
check	850RR(sus)	RR	19	97	S
Terral	TV54R28	RR	19	98	S
Terral	TV55R20	RR	23	123	S