



# Sudden death syndrome-resistant soybean varieties for Iowa

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**S**udden death syndrome (SDS) of soybean is caused by the fungus *Fusarium virguliforme*. The fungus colonizes the roots and causes root rot. Infection can take place within a few days of germination. Toxins are produced in the plant by the pathogen and transported up through the water-conducting tissues (xylem) to the leaves, resulting in the sudden appearance of yellow and brown spots (symptom expression) at (or after) flowering (Figure 1). A blue fungal growth may appear on roots toward the end of the season (Figure 2). Under high disease pressure, up to 100 percent yield loss is possible.



Figure 1. Foliar symptoms of sudden death syndrome.



Figure 2. If soil moisture is high, bluish fungal growth may appear on roots.

Soil and weather conditions greatly affect SDS occurrence; if the weather is unfavorable, disease will not develop. In Iowa, there has been a gradual increase of SDS over the past 10 years, and weather conditions were particularly favorable for the disease in 2010. SDS management options include avoiding or reducing soil compaction, improving soil drainage in fields where SDS problems recur, planting fields with a history of SDS later in the spring, and planting resistant soybean varieties.

Resistant soybean varieties are the foundation of an SDS management program, and resistant varieties are commercially available from seed suppliers. Keep in mind that resistance to SDS does not ensure 100 percent control of the disease but often results only in less foliar symptoms than fully susceptible varieties. The severity of the disease on resistant varieties greatly depends on the weather and the specific conditions of each field. Because SDS foliar symptoms are easy to identify and allow for easier disease assessments than roots, most efforts in soybean improvement programs have concentrated on evaluating resistance based on foliar symptoms. Less effort has been put into finding cultivars resistant to SDS root rot, although it has been reported by several researchers. Healthy-looking plants may still have infected roots if environmental conditions are not conducive to the development of leaf symptoms.

## What should one consider when choosing an SDS-resistant variety?

There are several factors that a grower must take into account when selecting an SDS-resistant variety for planting. Yield potential is an essential consideration in the decision process. A variety may have high resistance ratings and low yield potential, which would not be a good combination for most growing years. Select the best resistant varieties with the highest yield potential to ensure maximum soybean production in a field.

Resistance of soybean varieties to other pests also should be considered when selecting seed. Soybean cyst nematode (SCN) may increase SDS severity, so varieties with resistance to both

SDS and SCN should be selected. In the next growing season, conditions could be right for development of other diseases, such as white mold or brown stem rot, which makes it important to select varieties with resistance to several diseases. Soybean aphids also can threaten yield, so it may be important to consider soybean aphid-resistant cultivars as well. Diligent field scouting and good recordkeeping are useful to gauge the most important yield-reducing diseases and insects occurring year to year in your production fields.

### **Are there other things one should keep in mind when selecting SDS-resistant varieties?**

Yes; there are more resistant varieties available for southern maturity groups than for northern maturity groups, and remember that the performance of varieties labeled as resistant to SDS may be variable depending on environmental conditions.

The diversity of diseases and insect pests that affect soybean yields can be overwhelming. After the 2010 season, growers are reminded that SDS needs to be near the top of the list of challenges to manage. Fields with the greatest history of SDS problems should be planted with varieties that have the greatest

resistance to SDS. Rotation to corn is not effective to reduce pathogen levels in a field, so there is still potential for an SDS outbreak if conditions are conducive, even though the field may have been planted to corn the previous year. Additionally, SDS continues to move farther north and west; it originally was identified in Arkansas more than 30 years ago. This disease is frequently discovered in new areas or new fields, so growers are encouraged to consider resistant varieties as risk management even in fields that have no history of SDS.

The lists on the following pages are compilations of soybean varieties in maturity groups I, II, and III that are marketed as having resistance to SDS. No varieties from maturity group O were submitted. The resistant varieties reported here were provided by the seed companies offering these varieties for sale. Iowa State University has not verified the resistance claims. Different seed companies may use different criteria and have data from different locations when determining resistance ratings. Keep in mind that companies may not use the same standards to develop resistance ratings. Attempts were made to include only pure varieties, not blends, in this publication.

Varieties are listed by maturity group and brand.

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### **Disclaimer**

The lists in this publication are not complete. Although sincere effort was made to contact all companies offering SDS-resistant soybean varieties for sale in Iowa, numerous companies that were contacted did not respond to our request for information. It is acknowledged that some companies may have been inadvertently overlooked in this effort. However, no company was intentionally excluded. If you represent a soybean seed company and your varieties are not listed, please contact us so that we can correct the omission.

This information has been provided to us by seed companies and has not been verified by Iowa State University. We do not warrant or guarantee the standard of any variety listed. Also, no endorsement is intended of listed varieties, nor is criticism implied of varieties not listed. Neither Iowa State University nor its faculty or staff may be held responsible for damages resulting from the use of this information.

The intent of this publication is to serve as a starting point for variety selection; please work with local seed dealers to finalize variety selection.

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Photos by Gary Munkvold and Daren Mueller, Department of Plant Pathology, Iowa State University.

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### **. . . and justice for all**

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**Table 1. Sudden death syndrome-resistant soybean varieties for maturity group I.**

Brand	Variety or Product	Relative Maturity	Glyphosate Resistant (Y or N)	LibertyLink® (Y or N)
<b>Albert Lea Seed House, 1414 W. Main Street, P.O. Box 127, Albert Lea, MN 56007, 800-352-5247, seedhouse@alseed.com, www.alseed.com</b>				
Viking	1929NRR	1.9	Y	N
Viking	L199	1.9	N	Y
<b>Curry Seed, 701 N. Walnut, Elk Point, SD 57025, 605-356-3366, www.curryseed.com</b>				
Curry Brand	1184	1.8	Y	N
<b>Dyna-Gro Seed, 304 N.W. 13th Street, Pocahontas, IA 50574, 515-538-0743, david.hallberg@cpsagu.com, dynagroseed.com</b>				
Dyna-Gro Seed	37R17	1.7	Y	N
<b>GROWMARK, 1701 Towanda Avenue, Bloomington, IL 61701, 309-557-6399, KMARTIN@GROWMARK.COM, www.fsseed.com/midwest</b>				
FS (GROWMARK)	HS 19A02	1.9	Y	N
<b>Hoegemeyer Hybrids, 1755 Hoegemeyer Road, Hooper, NE 68031, 800-AG Line-1 (245-4631), askus@hoegemeyer.com, www.TheRightSeed.com</b>				
Hoegemeyer	HPT 1880NRR	1.8	Y	N
<b>Kruger Seeds, P.O. Box A, Dike, IA 50624, 800-772-2721, info@krugerseed.com, www.krugerseed.com</b>				
Kruger	K2-1902	1.9	Y	N
<b>Latham Hi-Tech Seeds, 131 180th Street, Alexander, IA 50420, 800-798-3258, markg@lathamseeds.com, www.lathamseeds.com</b>				
Latham	L1568R2	1.5	Y	N
Latham	L1738R	1.7	Y	N
Latham	L1857L	1.8	N	Y
Latham	L1800RX	1.8	Y	N
Latham	L1918R2	1.9	Y	N
<b>NuTech Seed, Highway 69N, Forest City, IA 50436, 800-942-6748, sales@nutechseed.com, www.yieldleader.com</b>				
NuTech G2	7186	1.8	Y	N
<b>Pioneer Hi-Bred International, Inc., 9131 Northpark Drive, P.O. Box 7050, Johnston, IA 50131, 515-535-3939, scott.m.nelson@pioneer.com, www.pioneer.com</b>				
Pioneer	91Y80	1.8	Y	N
Pioneer	91Y90	1.9	Y	N
Pioneer	91Y92	1.9	Y	N
<b>Prairie Brand Seed, 11261 U.S. Highway 69, Story City, IA 50248, 800-544-8751, ben@prairiebrandseed.com, www.prairiebrandseed.com</b>				
Prairie Brand	PB-1949R2	1.9	Y	N
<b>Renze Seeds, 124 South Main, Templeton, IA 51463, 712-669-3301, info@renzeseeds.com, www.renzeseeds.com</b>				
Renze Seeds	R1899RRcn	1.8	Y	N
<b>Stine Seed Company, 22555 Laredo Trail, Adel, IA 50003, 314-394-0222, info@stineseed.com, www.stineseed.com</b>				
Stine Seed Company	11LA62	1.1	N	Y
Stine Seed Company	14LA36	1.4	N	Y
Stine Seed Company	16LA06	1.6	N	Y
Stine Seed Company	19LA06	1.9	N	Y
Stine Seed Company	19RA02	1.9	Y	N
Stine Seed Company	1932-4	1.9	Y	N

**Table 2. Sudden death syndrome-resistant soybean varieties for maturity group II.**

Brand	Variety or Product	Relative Maturity	Glyphosate Resistant (Y or N)	LibertyLink® (Y or N)
<b>Albert Lea Seed House, 1414 W. Main Street, P.O. Box 127, Albert Lea, MN 56007, 800-352-5247, seedhouse@alseed.com, www.alseed.com</b>				
Viking	2174NRR	2.1	Y	N
Viking	2112R2N	2.1	Y	N
Viking	2274RR	2.2	Y	N
<b>Bo-Jac Seed Company, 245 1500th Avenue, Mt. Pulaski, IL 62458, 800-397-2069, allen@bo-jac.com or larry@bo-jac.com, www.bo-jac.com</b>				
Mavrick	8255RR	2.5	Y	N
Mavrick	0282RY	2.8	Y	N
Mavrick	0287LL	2.8	N	Y
<b>Champion Seeds, P.O. Box 157, Ellsworth, IA 50075, 515-836-2141, championseed@netins.net, www.championseedofiowa.com</b>				
Champion	CS 2011NLL	2.0	N	Y
Champion	CS 231NRR2Y	2.3	Y	N
Champion	CS 2311NLL	2.3	N	Y
Champion	CS 2500CN	2.5	N	N
Champion	CS 269NRR	2.6	Y	N
Champion	CS 280NRR	2.8	Y	N
Champion	CS 271NRR2Y	2.8	Y	N
Champion	CS 282NRR2Y	2.8	Y	N
<b>Curry Seed, 701 N. Walnut, Elk Point, SD 57025, 605-356-3366, www.curryseed.com</b>				
Curry Brand	1257	2.5	Y	N
Curry Brand	1266	2.6	Y	N
<b>Davis Seed Company, 20847 Highway J5T, Moravia, IA 52571, 641-724-9090, sdavisseed@hotmail.com</b>				
Davis Seed Co.	4125RR2Y	2.5	Y	N
Davis Seed Co.	3026RR	2.6	Y	N
Davis Seed Co.	3927RRCN	2.7	Y	N
Davis Seed Co.	3828RR	2.8	Y	N
Davis Seed Co.	1028LLCN	2.8	N	Y
Davis Seed Co.	4128RR2Y	2.8	Y	N
Davis Seed Co.	4329RR2Y	2.9	Y	N
<b>Dyna-Gro Seed, 304 N.W. 13th Street, Pocahontas, IA 50574, 515-538-0743, david.hallberg@cpsagu.com, dynagroseed.com</b>				
Dyna-Gro Seed	31D20	2.0	Y	N
Dyna-Gro Seed	37N22	2.2	Y	N
Dyna-Gro Seed	V25N9RR	2.5	Y	N
Dyna-Gro Seed	36K26	2.6	Y	N
Dyna-Gro Seed	38RY28	2.8	Y	N
<b>Fontanelle, 1955 East Military Avenue, Fremont, NE 68025, 515-238-4572, neal.borgmeyer@fontanelle.com, www.fontanelle.com</b>				
Fontanelle	67S81	2.7	Y	N
<b>GROWMARK, 1701 Towanda Avenue, Bloomington, IL 61701, 309-557-6399, KMARTIN@GROWMARK.COM, www.fsseed.com/midwest</b>				
FS (GROWMARK)	HS 22R70	2.0	Y	N
FS (GROWMARK)	HS 2166	2.1	Y	N
FS (GROWMARK)	HS 21A02	2.1	Y	N
FS (GROWMARK)	HS 23L02	2.3	N	Y
FS (GROWMARK)	HS 23A02	2.3	Y	N
FS (GROWMARK)	HS 24R91	2.4	Y	N
FS (GROWMARK)	HS 24A01	2.4	Y	N
FS (GROWMARK)	HS 25A02	2.5	Y	N
FS (GROWMARK)	HS 25L80	2.5	N	Y
FS (GROWMARK)	HS 28L02	2.5	N	Y
FS (GROWMARK)	HS 27A02	2.7	Y	N
FS (GROWMARK)	HS 28A02	2.8	Y	N
FS (GROWMARK)	HS 2911	2.9	N	N
FS (GROWMARK)	HS 29R80	2.9	Y	N
FS (GROWMARK)	HS 29A02	2.9	Y	N

**Table 2. Sudden death syndrome-resistant soybean varieties for maturity group II (continued).**

Brand	Variety or Product	Relative Maturity	Glyphosate Resistant (Y or N)	LibertyLink® (Y or N)
<b>Great Heart Seed, 220 West Washington Street, Paris, IL 61944, 877-243-2071, www.greatheartseed.com</b>				
Great Heart Seed	GT-250CRR	2.5	Y	N
Great Heart Seed	GT-265CR2	2.6	N	N
Great Heart Seed	GT-282CR2	2.8	N	N
Great Heart Seed	GT-296CRR	2.9	Y	N
<b>Hoegemeyer Hybrids, 1755 Hoegemeyer Road, Hooper, NE 68031, 800-AG Line-1 (245-4631), askus@hoegemeyer.com, www.TheRightSeed.com</b>				
Hoegemeyer	HPT 2511NRR	2.5	Y	N
Hoegemeyer	HPT 2720NRR	2.7	Y	N
<b>Kruger Seeds, P.O. Box A, Dike, IA 50624, 800-772-2721, info@krugerseed.com, www.krugerseed.com</b>				
Kruger	K-201RR/SCN	2.0	Y	N
Kruger	K2-2302	2.3	Y	N
Kruger	K-249RR/SCN	2.4	Y	N
Kruger	K2-2502	2.5	Y	N
Kruger	K2-2703	2.7	Y	N
Kruger	K2-2803	2.8	Y	N
Kruger	K2-2903V1	2.9	Y	N
<b>Latham Hi-Tech Seeds, 131 180th Street, Alexander, IA 50420, 800-798-3258, markg@lathamseeds.com, www.lathamseeds.com</b>				
Latham	L2084R2	2.0	Y	N
Latham	L2085R	2.0	Y	N
Latham	L2560R	2.5	Y	N
Latham	L2686L	2.6	N	Y
Latham	L2735R2V	2.7	Y	N
Latham	L2767R2	2.7	Y	N
Latham	L2875R	2.8	Y	N
Latham	L2987L	2.9	N	Y
<b>Lewis Hybrids, 530 W. Maple Avenue, P.O. Box 38, Ursa, IL 62376, 800-252-7851, lrobinson@lewishybrids.com, www.lewishybrids.com</b>				
Lewis	2908 RR	2.9	Y	N
<b>Merschman Seeds, Inc., 103 Avenue D, West Point, IA 52656, 800-848-7333, joem@merschmanseeds.com, www.merschmanseeds.com</b>				
Merschman Seeds, Inc.	Navaho 720RR	2.0	Y	N
Merschman Seeds, Inc.	Munsee 1121LL	2.1	N	Y
Merschman Seeds, Inc.	Comanche 1024LL	2.4	N	Y
Merschman Seeds, Inc.	Apache 1124RR2Y	2.4	Y	N
Merschman Seeds, Inc.	Shawnee 1126 RR2Y	2.6	Y	N
Merschman Seeds, Inc.	Sioux 1126LL	2.6	N	Y
Merschman Seeds, Inc.	Ute 1126RR	2.6	Y	N
Merschman Seeds, Inc.	Mohawk 1128RR2Y	2.8	Y	N
Merschman Seeds, Inc.	Mohave 1128LL	2.8	N	Y
<b>Monsanto, 800 N. Lindbergh Boulevard, St. Louis, MO 63167, 314-694-1000, asgrow.and.dekalb.contact.us@monsanto.com, www.asgrowanddekalb.com</b>				
Asgrow	AG2002	2.0	Y	N
<b>Munson Hybrids, 1262 Knox Road 100 East, Galesburg, IL 61401, 309-343-8410, craiga@munsonhybrids.com, www.munsonhybrids.com</b>				
Munson Hybrids	8249RR	2.4	Y	N
Munson Hybrids	8286LL	2.8	N	Y
Munson Hybrids	8281R2Y	2.8	Y	N
Munson Hybrids	8291RR	2.9	Y	N
<b>Naylor Seed, 16600 116th Avenue, Scotch Grove, IA 52310, 800-747-7333, dennis@naylorseed.com, www.naylorseed.com</b>				
Excel	8236NRR	2.3	Y	N

**Table 2. Sudden death syndrome-resistant soybean varieties for maturity group II (continued).**

Brand	Variety or Product	Relative Maturity	Glyphosate Resistant (Y or N)	LibertyLink® (Y or N)
<b>NuTech Seed, Highway 69N, Forest City, IA 50436, 800-942-6748, sales@nutechseed.com, www.yieldleader.com</b>				
NuTech G2	7208	2.0	Y	N
Nu Tech	2324+RN	2.3	Y	N
NuTech G2	7249	2.4	Y	N
Nu Tech	2660RN	2.6	Y	N
NuTech G2	7270	2.7	Y	N
Nu Tech	6281	2.8	Y	N
<b>Pioneer Hi-Bred International, Inc., 9131 Northpark Drive, P.O. Box 7050, Johnston, IA 50131, 515-535-3939, scott.m.nelson@pioneer.com, www.pioneer.com</b>				
Pioneer	92Y20	2.2	Y	N
Pioneer	92Y21	2.2	N	N
Pioneer	92Y30	2.3	Y	N
Pioneer	92M40	2.4	Y	N
Pioneer	92Y51	2.5	Y	N
Pioneer	92Y53	2.5	Y	N
Pioneer	92Y60	2.6	Y	N
Pioneer	92Y72	2.7	Y	N
Pioneer	92Y80	2.8	Y	N
Pioneer	92M91	2.9	Y	N
<b>Prairie Brand Seed, 11261 U.S. Highway 69, Story City, IA 50248, 800-544-8751, ben@prairiebrandseed.com, www.prairiebrandseed.com</b>				
Prairie Brand	PB-2056NRR	2.0	Y	N
Prairie Brand	PB-2042R2	2.0	Y	N
Prairie Brand	PB-2020R2	2.0	Y	N
Prairie Brand	PB-2110R2	2.1	Y	N
Prairie Brand	PB-2442R2	2.4	Y	N
Prairie Brand	PB-2558NRR	2.4	Y	N
Prairie Brand	PP-2632R2	2.6	Y	N
Prairie Brand	PB-2882R2	2.8	Y	N
Prairie Brand	PP-282	2.8	Y	N
<b>Renze Seeds, 124 South Main, Templeton, IA 51463, 712-669-3301, info@renzeseeds.com, www.renzeseeds.com</b>				
Renze Seeds	R2050RR2cn	2.0	Y	N
Renze Seeds	R2151RR2cn	2.1	Y	N
Renze Seeds	R2279RRcn	2.2	Y	N
Renze Seeds	R2351RR2cn	2.3	Y	N
Renze Seeds	R2599RRcn	2.3	Y	N
Renze Seeds	R2501RR	2.5	Y	N
Renze Seeds	R2651RR2cn	2.6	Y	N
Renze Seeds	R2671ARcn	2.6	Y	N
Renze Seeds	R2728RR	2.7	Y	N
Renze Seeds	R2808RR	2.8	Y	N
Renze Seeds	R2889RRcn	2.8	Y	N
Renze Seeds	R2999RRcn	2.9	Y	N
<b>Schillinger Genetics, 4401 Westown Parkway, Suite 225, West Des Moines, IA 50266, 515-225-6134, whoener@schillgen.com, www.eMergeGenetics.com</b>				
eMerge	209F.HPC	2.0	N	N
eMerge	235.T	2.3	N	N
eMerge	289.TC	2.8	N	N

**Table 2. Sudden death syndrome-resistant soybean varieties for maturity group II (continued).**

Brand	Variety or Product	Relative Maturity	Glyphosate Resistant (Y or N)	LibertyLink® (Y or N)
<b>Stine Seed Company, 22555 Laredo Trail, Adel, IA 50003, 314-394-0222, info@stineseed.com, www.stineseed.com</b>				
Stine Seed Company	2062-4	2.0	Y	N
Stine Seed Company	23LA02	2.3	N	Y
Stine Seed Company	23RA22	2.3	Y	N
Stine Seed Company	24RB02	2.4	Y	N
Stine Seed Company	24RB00	2.4	Y	N
Stine Seed Company	2420-4	2.4	Y	N
Stine Seed Company	2538-4	2.5	Y	N
Stine Seed Company	25LA20	2.5	N	Y
Stine Seed Company	2602-4	2.6	Y	N
Stine Seed Company	27LA32	2.7	N	Y
Stine Seed Company	27RA20	2.7	Y	N
Stine Seed Company	2862-4	2.8	Y	N
Stine Seed Company	29RB22	2.9	Y	N
Stine Seed Company	29RA20	2.9	Y	N
Stine Seed Company	29LA03	2.9	N	Y
<b>Stone Seed Group, 5965 W. State Route 97, Pleasant Plains, IL 62677, 217-546-8006, greg.wolf@stoneseed.com, www.stoneseed.com</b>				
Stone Seed Group	3A259NRR	2.5	Y	N
Stone Seed Group	2R2701	2.7	Y	N
Stone Seed Group	3A288NRR	2.8	Y	N
<b>Syngenta Seeds, 11055 Wayzata Boulevard, Minnetonka, MN 55305, 402-289-0259, steve.sick@syngenta.com, www.syngenta.com</b>				
NK	S21-E4 Brand	2.1	Y	N
NK	S23-A8 Brand	2.3	Y	N
NK	S25-F2 Brand	2.5	Y	N
NK	S25-R3 Brand	2.5	Y	N
NK	S27-C4 Brand	2.7	Y	N
NK	S29-W7 Brand	2.9	Y	N
<b>Trelay Seeds, 11623 Highway 80, Livingston, WI 53554, 608-943-6450, roger.taylor@trelay.com, www.trelay.com</b>				
Trelay	2252RR	2.5	Y	N
Trelay	27RR44	2.7	Y	N

**Table 3. Sudden death syndrome-resistant soybean varieties for maturity group III.**

Brand	Variety or Product	Relative Maturity	Glyphosate Resistant (Y or N)	LibertyLink® (Y or N)
<b>Bo-Jac Seed Company, 245 1500th Avenue, Mt. Pulaski, IL 62458, 800-397-2069, allen@bo-jac.com or larry@bo-jac.com, www.bo-jac.com</b>				
Mavrick	7303RR	3.0	Y	N
Mavrick	9302RY	3.0	Y	N
Mavrick	0307LL	3.0	N	Y
Mavrick	6343RR	3.4	Y	N
Mavrick	0355RR	3.5	Y	N
Mavrick	0357LL	3.5	N	Y
Mavrick	7376RR	3.7	Y	N
Mavrick	0381RR	3.8	Y	N
Mavrick	5394RR	3.9	Y	N
Mavrick	0397LL	3.9	N	Y
<b>Champion Seeds, P.O. Box 157, Ellsworth, IA 50075, 515-836-2141, championseed@netins.net, www.championseedofiowa.com</b>				
Champion	CS 307NRR	3.0	Y	N
Champion	CS 300NRR2Y	3.0	Y	N
Champion	CS 321NRR2Y	3.2	Y	N
Champion	CS 348NRR	3.4	Y	N
<b>Curry Seed, 701 N. Walnut, Elk Point, SD 57025, 605-356-3366, www.curryseed.com</b>				
Curry Brand	1346	3.4	Y	N
<b>Davis Seed Company, 20847 Highway J5T, Moravia, IA 52571, 641-724-9090, sdavisseed@hotmail.com</b>				
Davis Seed Co.	304CN	3.0	N	N
Davis Seed Co.	4131RR2Y	3.1	Y	N
Davis Seed Co.	3431RR	3.1	Y	N
Davis Seed Co.	313	3.1	N	N
Davis Seed Co.	1032LLCN	3.2	N	Y
Davis Seed Co.	3932RRCN	3.2	Y	N
Davis Seed Co.	3134RRCNS	3.4	Y	N
Davis Seed Co.	344CN	3.4	N	N
Davis Seed Co.	1035LLCN	3.5	N	Y
Davis Seed Co.	1037LLCN	3.7	N	Y
Davis Seed Co.	3837RR	3.7	Y	N
Davis Seed Co.	3938RRCNS	3.8	Y	N
Davis Seed Co.	1039LLCN	3.9	N	Y
Davis Seed Co.	4139RR2Y	3.9	Y	N
<b>Dyna-Gro Seed, 304 N.W. 13th Street, Pocahontas, IA 50574, 515-538-0743, david.hallberg@cpsagu.com, dynagroseed.com</b>				
Dyna-Gro Seed	33RY30	3.0	Y	N
Dyna-Gro Seed	39RY30	3.0	Y	N
Dyna-Gro Seed	35RY33	3.3	Y	N
Dyna-Gro Seed	37RY33	3.3	Y	N
Dyna-Gro Seed	37T33	3.3	Y	N
Dyna-Gro Seed	37J34	3.4	Y	N
Dyna-Gro Seed	37P37	3.7	Y	N
<b>Fontanelle, 1955 East Military Avenue, Fremont, NE 68025, 515-238-4572, neal.borgmeyer@fontanelle.com, www.fontanelle.com</b>				
Fontanelle	70N10	3.0	Y	N
Fontanelle	72N51	3.2	Y	N
Fontanelle	77N61	3.7	Y	N

**Table 3. Sudden death syndrome-resistant soybean varieties for maturity group III (continued).**

Brand	Variety or Product	Relative Maturity	Glyphosate Resistant (Y or N)	LibertyLink® (Y or N)
<b>GROWMARK, 1701 Towanda Avenue, Bloomington, IL 61701, 309-557-6399, KMARTIN@GROWMARK.COM, www.fsseed.com/midwest</b>				
FS (GROWMARK)	HS 30R72	3.0	Y	N
FS (GROWMARK)	HS 31A02	3.1	Y	N
FS (GROWMARK)	HS 31L02	3.1	N	Y
FS (GROWMARK)	HS 32A02	3.2	Y	N
FS (GROWMARK)	HS 33A02	3.3	Y	N
FS (GROWMARK)	HS 3466	3.4	Y	N
FS (GROWMARK)	HS 34C90	3.4	N	N
FS (GROWMARK)	HS 35A02	3.5	Y	N
FS (GROWMARK)	HS 35L02	3.5	N	Y
FS (GROWMARK)	HS 37A02	3.7	Y	N
FS (GROWMARK)	HS 38R80	3.8	Y	N
FS (GROWMARK)	HS 38A02	3.8	Y	N
FS (GROWMARK)	HS 38C60	3.8	N	N
FS (GROWMARK)	HS 39R70	3.9	Y	N
FS (GROWMARK)	HS 39A02	3.9	Y	N
FS (GROWMARK)	HS 39L02	3.9	N	Y
<b>Great Heart Seed, 220 West Washington Street, Paris, IL 61944, 877-243-2071, www.greatheartseed.com</b>				
Great Heart Seed	GT-334CRR	3.3	Y	N
Great Heart Seed	GT-342CR2	3.4	N	N
Great Heart Seed	GT-353CRS	3.5	Y	N
Great Heart Seed	GT-359CLL	3.5	N	Y
Great Heart Seed	GT-370CRR	3.7	Y	N
Great Heart Seed	GT-374CR2	3.7	N	N
Great Heart Seed	GT-378CR2	3.7	N	N
Great Heart Seed	GT-382CRR	3.8	Y	N
Great Heart Seed	GT-386CLL	3.8	N	Y
Great Heart Seed	GT-397CRR	3.9	Y	N
Great Heart Seed	GT-399CR2	3.9	N	N
<b>Hoegemeyer Hybrids, 1755 Hoegemeyer Road, Hooper, NE 68031, 800-AG Line-1 (245-4631), askus@hoegemeyer.com, www.TheRightSeed.com</b>				
Hoegemeyer	HPT 3555NRR	3.5	Y	N
Hoegemeyer	HPT 3789NRR	3.7	Y	N
Hoegemeyer	HPT 3990NRR	3.9	Y	N
<b>Kruger Seeds, P.O. Box A, Dike, IA 50624, 800-772-2721, info@krugerseed.com, www.krugerseed.com</b>				
Kruger	K2-3002	3.0	Y	N
Kruger	K2-3103	3.1	Y	N
Kruger	K2-3302	3.3	Y	N
Kruger	K2-3402	3.4	Y	N
Kruger	K-348RR/SCN	3.4	Y	N
Kruger	K2-3602	3.6	Y	N
Kruger	K2-3802	3.8	Y	N
Kruger	K-384RR/SCN	3.8	Y	N
Kruger	K2-3901	3.9	Y	N
Kruger	K2-3902	3.9	Y	N
<b>Latham Hi-Tech Seeds, 131 180th Street, Alexander, IA 50420, 800-798-3258, markg@lathamseeds.com, www.lathamseeds.com</b>				
Latham	L3268R2	3.2	Y	N
Latham	L3287L	3.2	N	Y
Latham	L3458R2	3.4	Y	N
Latham	L3985R	3.9	Y	N

**Table 3. Sudden death syndrome-resistant soybean varieties for maturity group III (continued).**

Brand	Variety or Product	Relative Maturity	Glyphosate Resistant (Y or N)	LibertyLink® (Y or N)
<b>Lewis Hybrids, 530 W. Maple Avenue, P.O. Box 38, Ursa, IL 62376, 800-252-7851, lrobinson@lewishybrids.com, www.lewishybrids.com</b>				
Lewis	330R2	3.3	Y	N
Lewis	3407RR	3.4	Y	N
Lewis	351R2	3.5	Y	N
Lewis	361R2	3.6	Y	N
Lewis	3909RR	3.9	Y	N
<b>Merschman Seeds, Inc., 103 Avenue D, West Point, IA 52656, 800-848-7333, joem@merschmanseeds.com, www.merschmanseeds.com</b>				
Merschman Seeds, Inc.	Arthur 1030RR2Y	3.0	Y	N
Merschman Seeds, Inc.	Taft 1130RR2Y	3.0	Y	N
Merschman Seeds, Inc.	Coolidge 1135RR	3.5	Y	N
Merschman Seeds, Inc.	Kennedy 1036RR2Y	3.6	Y	N
Merschman Seeds, Inc.	Roosevelt 1138RR2Y	3.8	Y	N
Merschman Seeds, Inc.	Truman 938LL	3.8	N	Y
Merschman Seeds, Inc.	Eisenhower 1039LL	3.9	N	Y
Merschman Seeds, Inc.	Madison 1039LL	3.9	N	Y
<b>NuTech Seed, Highway 69N, Forest City, IA 50436, 800-942-6748, sales@nutechseed.com, www.yieldleader.com</b>				
NuTech G2	7350	3.5	Y	N
Nu Tech	7369S	3.6	Y	N
NuTech G2	7373	3.7	Y	N
Nu Tech	7399	3.9	Y	N
<b>Pioneer Hi-Bred International, Inc., 9131 Northpark Drive, P.O. Box 7050, Johnston, IA 50131, 515-535-3939, scott.m.nelson@pioneer.com, www.pioneer.com</b>				
Pioneer	93Y03	3.0	Y	N
Pioneer	93Y04	3.0	Y	N
Pioneer	93Y05	3.0	Y	N
Pioneer	93M11	3.1	Y	N
Pioneer	93M14	3.1	N	N
Pioneer	93Y11	3.1	Y	N
Pioneer	93Y21	3.2	N	N
Pioneer	93M42	3.4	Y	N
Pioneer	93Y40	3.4	Y	N
Pioneer	93Y51	3.5	Y	N
Pioneer	93M61	3.6	Y	N
Pioneer	93Y60	3.6	Y	N
Pioneer	93Y70	3.7	Y	N
Pioneer	93Y82	3.8	Y	N
<b>Prairie Brand Seed, 11261 U.S. Highway 69, Story City, IA 50248, 800-544-8751, ben@prairiebrandseed.com, www.prairiebrandseed.com</b>				
Prairie Brand	PB-3436NRR	3.4	Y	N
<b>Renze Seeds, 124 South Main, Templeton, IA 51463, 712-669-3301, info@renzeseeds.com, www.renzeseeds.com</b>				
Renze Seeds	R3115RR	3.1	Y	N
Renze Seeds	R3151RR2cn	3.1	Y	N
Renze Seeds	R3250RR2cn	3.2	Y	N
Renze Seeds	R3386RRcn	3.3	Y	N
Renze Seeds	R3797RRcn	3.7	Y	N
<b>Schillinger Genetics, 4401 Westown Parkway, Suite 225, West Des Moines, IA 50266, 515-225-6134, whoener@schillgen.com, www.eMergeGenetics.com</b>				
eMerge	e3010	3.0	N	N
eMerge	e3520	3.5	N	N
eMerge	389F.YC	3.6	N	N

**Table 3. Sudden death syndrome-resistant soybean varieties for maturity group III (continued).**

Brand	Variety or Product	Relative Maturity	Glyphosate Resistant (Y or N)	LibertyLink® (Y or N)
<b>Stine Seed Company, 22555 Laredo Trail, Adel, IA 50003, 314-394-0222, info@stineseed.com, www.stineseed.com</b>				
Stine Seed Company	3002-4	3.0	Y	N
Stine Seed Company	31RB82	3.1	Y	N
Stine Seed Company	3132-4	3.1	Y	N
Stine Seed Company	31LA02	3.1	N	Y
Stine Seed Company	33RA28	3.3	Y	N
Stine Seed Company	33LA23	3.3	N	Y
Stine Seed Company	35RA02	3.5	Y	N
Stine Seed Company	35RA00	3.5	Y	N
Stine Seed Company	3522-4	3.5	Y	N
Stine Seed Company	37LA02	3.7	N	Y
Stine Seed Company	37LA92	3.7	N	Y
Stine Seed Company	39RA20	3.9	Y	N
Stine Seed Company	3923-4	3.9	Y	N
Stine Seed Company	39LA02	3.9	N	Y
<b>Stone Seed Group, 5965 W. State Route 97, Pleasant Plains, IL 62677, 217-546-8006, greg.wolf@stoneseed.com, www.stoneseed.com</b>				
Stone Seed Group	2R3001	3.0	Y	N
Stone Seed Group	2R3401	3.4	Y	N
Stone Seed Group	2346NRR	3.4	Y	N
Stone Seed Group	2R3701	3.7	Y	N
Stone Seed Group	3A388NRR	3.8	Y	N
Stone Seed Group	2R3900	3.9	Y	N
Stone Seed Group	2R3901	3.9	Y	N
<b>Syngenta Seeds, 11055 Wayzata Boulevard, Minnetonka, MN 55305, 402-289-0259, steve.sick@syngenta.com, www.syngenta.com</b>				
NK	S31-L7 Brand	3.1	Y	N
NK	S33-K5 Brand	3.3	Y	N
NK	S34-R2 Brand	3.4	Y	N
NK	S37-F7 Brand	3.7	Y	N
NK	S37-P5 Brand	3.7	Y	N
NK	S39-A3 Brand	3.9	Y	N
<b>Trelay Seeds, 11623 Highway 80, Livingston, WI 53554, 608-943-6450, roger.taylor@trelay.com, www.trelay.com</b>				
Trelay	30RR84	3.0	Y	N



### Contact information

**Albert Lea Seed House**, 1414 W. Main Street,  
P.O. Box 127, Albert Lea, MN 56007, 800-352-5247,  
[seedhouse@alseed.com](mailto:seedhouse@alseed.com), [www.alseed.com](http://www.alseed.com)

**Bo-Jac Seed Company**, 245 1500th Avenue,  
Mt. Pulaski, IL 62458, 800-397-2069,  
[allen@bo-jac.com](mailto:allen@bo-jac.com) or [larry@bo-jac.com](mailto:larry@bo-jac.com), [www.bo-jac.com](http://www.bo-jac.com)

**Champion Seeds**, P.O. Box 157, Ellsworth, IA 50075,  
515-836-2141, [championseed@netins.net](mailto:championseed@netins.net),  
[www.championseedofiowa.com](http://www.championseedofiowa.com)

**Curry Seed**, 701 N. Walnut, Elk Point, SD 57025,  
605-356-3366, [www.curryseed.com](http://www.curryseed.com)

**Davis Seed Company**, 20847 Highway J5T, Moravia, IA 52571,  
641-724-9090, [sdavisseed@hotmail.com](mailto:sdavisseed@hotmail.com)

**Dyna-Gro Seed**, 304 N.W. 13th Street, Pocahontas, IA 50574,  
515-538-0743, [david.hallberg@cpsagu.com](mailto:david.hallberg@cpsagu.com),  
[dynagroseed.com](http://dynagroseed.com)

**Fontanelle**, 1955 East Military Avenue, Fremont, NE 68025,  
515-238-4572, [neal.borgmeyer@fontanelle.com](mailto:neal.borgmeyer@fontanelle.com),  
[www.fontanelle.com](http://www.fontanelle.com)

**Great Heart Seed**, 220 West Washington Street, Paris,  
IL 61944, 877-243-2071, [www.greatheartseed.com](http://www.greatheartseed.com)

**GROWMARK**, 1701 Towanda Avenue, Bloomington, IL 61701,  
309-557-6399, [KMARTIN@GROWMARK.COM](mailto:KMARTIN@GROWMARK.COM),  
[www.fsseed.com/midwest](http://www.fsseed.com/midwest)

**Hoegemeyer Hybrids**, 1755 Hoegemeyer Road, Hooper,  
NE 68031, 800-AG Line-1 (245-4631),  
[askus@hoegemeyer.com](mailto:askus@hoegemeyer.com), [www.TheRightSeed.com](http://www.TheRightSeed.com)

**Kruger Seeds**, P.O. Box A, Dike, IA 50624, 800-772-2721,  
[info@krugerseed.com](mailto:info@krugerseed.com), [www.krugerseed.com](http://www.krugerseed.com)

**Latham Hi-Tech Seeds**, 131 180th Street, Alexander, IA 50420,  
800-798-3258, [markg@lathamseeds.com](mailto:markg@lathamseeds.com),  
[www.lathamseeds.com](http://www.lathamseeds.com)

**Lewis Hybrids**, 530 W. Maple Avenue, P.O. Box 38, Ursa,  
IL 62376, 800-252-7851, [lrobinson@lewishybrids.com](mailto:lrobinson@lewishybrids.com),  
[www.lewishybrids.com](http://www.lewishybrids.com)

**Merschman Seeds, Inc.**, 103 Avenue D, West Point, IA 52656,  
800-848-7333, [joem@merschmanseeds.com](mailto:joem@merschmanseeds.com),  
[www.merschmanseeds.com](http://www.merschmanseeds.com)

**Monsanto**, 800 N. Lindbergh Boulevard, St. Louis,  
MO 63167, 314-694-1000,  
[asgrow.and.dekalb.contact.us@monsanto.com](mailto:asgrow.and.dekalb.contact.us@monsanto.com),  
[www.asgrowanddekalb.com](http://www.asgrowanddekalb.com)

**Munson Hybrids**, 1262 Knox Road 100 East, Galesburg,  
IL 61401, 309-343-8410, [craiga@munsonhybrids.com](mailto:craiga@munsonhybrids.com),  
[www.munsonhybrids.com](http://www.munsonhybrids.com)

**Naylor Seed**, 16600 116th Avenue, Scotch Grove, IA 52310,  
800-747-7333, [dennis@naylorseed.com](mailto:dennis@naylorseed.com),  
[www.naylorseed.com](http://www.naylorseed.com)

**NuTech Seed**, Highway 69N, Forest City, IA 50436,  
800-942-6748, [sales@nutechseed.com](mailto:sales@nutechseed.com), [www.yieldleader.com](http://www.yieldleader.com)

**Pioneer Hi-Bred International, Inc.**, 9131 Northpark Drive,  
P.O. Box 7050, Johnston, IA 50131, 515-535-3939,  
[scott.m.nelson@pioneer.com](mailto:scott.m.nelson@pioneer.com), [www.pioneer.com](http://www.pioneer.com)

**Prairie Brand Seed**, 11261 U.S. Highway 69, Story City,  
IA 50248, 800-544-8751, [ben@prairiebrandseed.com](mailto:ben@prairiebrandseed.com),  
[www.prairiebrandseed.com](http://www.prairiebrandseed.com)

**Renze Seeds**, 124 South Main, Templeton, IA 51463,  
712-669-3301, [info@renzeseeds.com](mailto:info@renzeseeds.com), [www.renzeseeds.com](http://www.renzeseeds.com)

**Schillinger Genetics**, 4401 Westown Parkway, Suite 225,  
West Des Moines, IA 50266, 515-225-6134,  
[whoener@schillgen.com](mailto:whoener@schillgen.com), [www.eMergeGenetics.com](http://www.eMergeGenetics.com)

**Stine Seed Company**, 22555 Laredo Trail, Adel, IA 50003,  
314-394-0222, [info@stineseed.com](mailto:info@stineseed.com), [www.stineseed.com](http://www.stineseed.com)

**Stone Seed Group**, 5965 W. State Route 97, Pleasant Plains,  
IL 62677, 217-546-8006, [greg.wolf@stoneseed.com](mailto:greg.wolf@stoneseed.com),  
[www.stoneseed.com](http://www.stoneseed.com)

**Syngenta Seeds**, 11055 Wayzata Boulevard, Minnetonka,  
MN 55305, 402-289-0259, [steve.sick@syngenta.com](mailto:steve.sick@syngenta.com),  
[www.syngenta.com](http://www.syngenta.com)

**Trelay Seeds**, 11623 Highway 80, Livingston, WI 53554,  
608-943-6450, [roger.taylor@treelay.com](mailto:roger.taylor@treelay.com), [www.treelay.com](http://www.treelay.com)



For more information on scouting for corn and soybean pests, check out these ISU field guides produced by Iowa State University and the Iowa Soybean Association, available from the Iowa State University Extension Distribution Center Online Store ([www.extension.iastate.edu/store](http://www.extension.iastate.edu/store) or 515-294-5247).

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