



Soybean cyst nematode-resistant soybean varieties for Iowa

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Soybean cyst nematode (SCN) is widespread in Iowa. The nematode reproduces quickly (completes several life cycles or generations per season), survives in the soil for 10 years or more in the absence of a soybean crop, and can cause substantial yield losses, particularly in dry years.

Resistance is very effective for managing SCN. The results below illustrate how SCN-resistant varieties maintain acceptable yields and keep SCN populations in check. The data are average yields and end-of-season SCN population densities

from two locations of the Iowa State University (ISU) SCN-resistant Soybean Variety Trial Program in which more than 45 resistant and four susceptible varieties were grown. On average, the SCN-resistant soybean varieties yielded 5 to 15 bushels per acre more than the susceptible varieties in the variety trial experiments. In addition to yielding more, the resistant varieties kept the SCN population densities from increasing, but the susceptible varieties allowed the SCN populations to increase to 11,000–20,000 eggs per 100 cc of soil at harvest.

Variety trial location	Yield (bushels per acre)		End-of-year SCN population densities (eggs per 100 cc soil)	
	SCN-resistant	SCN-susceptible	SCN-resistant	SCN-susceptible
Churdan, IA	55.7	40.5	2,460	19,594
Melrose, IA	52.1	46.8	1,762	11,444

The number of soybean varieties with genetic resistance to SCN available in maturity groups O, I, II, and III has increased dramatically since the early 1990s (Figure 1). Today, most soybean seed companies have SCN-resistant soybean varieties available for Iowa growers. Most of the SCN-resistant varieties are resistant to glyphosate, and several varieties possess LibertyLink® herbicide resistance.

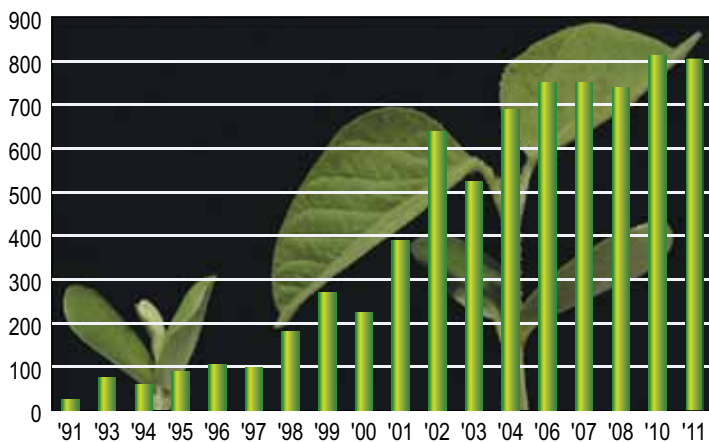


Figure 1. Number of maturity group O, I, II, and III SCN-resistant soybean varieties available to Iowa soybean growers, 1991–2011 (data unavailable for 1992, 2005, and 2009).

What should one consider when choosing an SCN-resistant variety?

Yield Potential: The most important characteristic of SCN-resistant soybean varieties is yield potential in SCN-infested fields. The yield of SCN-resistant varieties can vary greatly and cannot be predicted by yield performance in noninfested fields. Consequently, many SCN-resistant soybean varieties are evaluated each year in the ISU SCN-resistant Soybean Variety Trial Program. The results of these variety trials are published annually in ISU Extension publication IPM 52, which can be obtained by calling the ISU Department of Plant Pathology and Microbiology (515-294-1741) and on the Internet at www.isuscntrials.info. Iowa soybean growers are encouraged to consult this publication for guidance on the relative performance of SCN-resistant soybean varieties. However, the variety trial data are from a limited number of locations and should be used only as a beginning point for developing an SCN management program for any specific field. The performance of individual SCN-resistant soybean varieties will vary among locations and years, so growers are encouraged to evaluate several SCN-resistant soybean varieties at their own locations to determine the best varieties for their local conditions.

Effect on SCN Population Densities: In addition to yield, growers must consider the effectiveness of the varieties in suppressing reproduction of the nematode. SCN populations may not be kept in control despite high yields because SCN-resistant varieties (even high-yielding varieties) can vary considerably in how well they control population densities. For example, the yields of the top three conventional (non-Roundup Ready®) soybean varieties that were evaluated in the north-central Iowa location of the ISU SCN-resistant Soybean Variety Trial Program in 2001 are shown in Figure 2 below. Note that there is no significant difference among the yield of these three varieties. However, one of the varieties did not control the nematode as well as the other two, as illustrated by the end-of-season SCN egg population densities (shown in Figure 3). Such a large difference in nematode control among high-yielding soybean varieties is not rare. Consequently, growers should consider

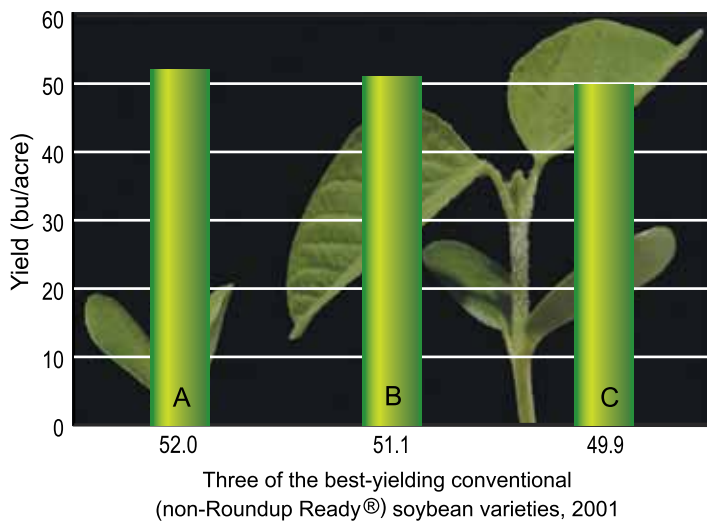


Figure 2. Yield of the three best-yielding conventional (non-Roundup Ready®) soybean varieties, designated A, B, and C, in a north-central Iowa variety trial location. The least-significant-difference value ($P = 0.05$) was 4.9.

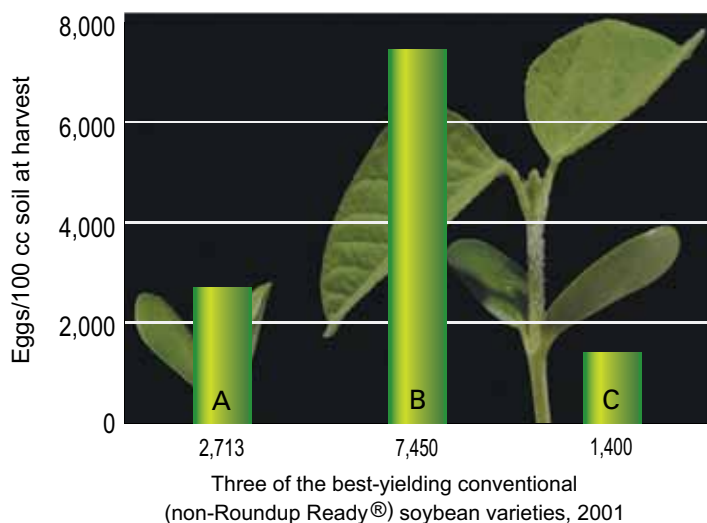


Figure 3. End-of-season SCN egg population densities in plots of the three best-yielding conventional (non-Roundup Ready®) soybean varieties, designated A, B, and C, in a north-central Iowa variety trial location. The least-significant-difference value ($P = 0.05$) was 5,430.

how SCN-resistant soybean varieties affect SCN population densities in addition to how well they yield in order to ensure maximum soybean productivity of their land for years to come.

Other Defensive Traits: SCN population densities tend to be greater as soil pH increases from 5.5 to 8.0, and iron deficiency chlorosis can be a problem once soil pH rises above 7.4 or so. Soybean varieties vary in their sensitivity to high pH soils and iron deficiency chlorosis. Because high population densities of SCN frequently occur in high pH soils, many growers need SCN-resistant soybean varieties that also have good tolerance to iron deficiency chlorosis. Iron deficiency chlorosis tolerance scores are provided for most of the SCN-resistant varieties listed in this publication. Minimizing the effects of iron chlorosis will reduce the overall stress of the soybean crop, thus also reducing the yield-reducing effect of SCN.

SCN is not the only soybean pathogen that occurs in Iowa soybean fields. Other common soybean diseases in Iowa include brown stem rot, Phytophthora stem and root rot, sudden death syndrome, and white mold. Consequently, a soybean variety with multiple disease resistance is often needed. And some diseases, such as brown stem rot and sudden death syndrome, are made more severe by SCN. Growers must observe their soybean fields for the presence of all common soybean diseases and then decide which of the diseases cause the most severe and consistent yield loss from year to year. SCN is among the most damaging and persistent soybean pathogens that occur in the state.

Should growers attempt to manage the different types of SCN resistance that are used?

Currently, there are three main genetic sources for SCN resistance genes in commercial soybean varieties, namely PI88788, Peking, and PI437654 (also known as Hartwig, PUSCN-14, and CystX® resistance). Each of these sources of SCN resistance contains several genes that confer resistance to the nematode. Consequently, soybean varieties developed from the various sources of resistance may not all contain the same genes in the same combinations.

All sources of SCN resistance allow limited reproduction of only a few nematodes, and limited reproduction by a few nematodes on a resistant soybean variety does not pose a problem in a single growing season. However, if soybean varieties containing the same source of resistance are grown repeatedly for many years, a population of nematodes that readily feeds on that source of resistance may build up. Thus, use of resistant soybean varieties, particularly any single SCN-resistant variety, should not be considered the sole solution for managing SCN. Reports of Iowa SCN populations able to reproduce well on SCN-resistant soybean varieties with the PI88788 source of resistance have increased dramatically in the past several years. This may be a consequence of using resistant varieties with the PI88788 source of resistance numerous times in the past

several years. Unfortunately, most of the SCN-resistant soybean varieties included in this publication have PI88788 as a source of resistance.

Iowa State University recommends growing nonhost crops, such as corn, in conjunction with soybean varieties with different sources of resistance in a crop rotation scheme to discourage the buildup of nematode populations that reproduce readily on resistant soybean varieties. If growers cannot grow soybean varieties with different sources of SCN resistance in successive soybean crops, they should try to grow different SCN-resistant varieties derived from the common source of SCN resistance, PI88788 (Figure 4).

When should growers begin to use resistant soybean varieties for management of SCN?

Iowa State University recommends that SCN-resistant soybean varieties be grown in fields with low or moderate SCN population densities, even fields with very low levels of the nematode. The reason for growing SCN-resistant soybeans in fields with low population densities is that the nematode can reduce soybean yields significantly at low population densities under hot, dry weather conditions. Furthermore, ISU SCN-resistant Soybean Variety Trial Program data show that many currently available SCN-resistant soybean varieties have high yield potential even when grown in fields with low population densities of the nematode. So there's not much of an economic risk in using

an SCN-resistant soybean variety in a field with low population densities of the nematode. Using SCN-resistant soybean varieties immediately once an infestation is discovered will stop the increase in SCN population densities and allow for greater success at implementing the recommended crop rotation scheme (Figure 4).

The list on the following pages is a compilation of soybean varieties in maturity groups O, I, II, and III that are marketed as having resistance to SCN. The resistance ratings 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, so it is not recommended to use these ratings for comparisons between companies. Keep in mind that companies may not use the same standards to develop these ratings.

Attempts were made to include only pure varieties, not blends, in this publication. Only sources of SCN resistance described in the scientific literature are provided, not trade names for resistance traits. When iron chlorosis tolerance scores or the specific source of SCN resistance were not provided or not available, "Not Given" was indicated in the tables.

Varieties are listed by maturity group and brand.

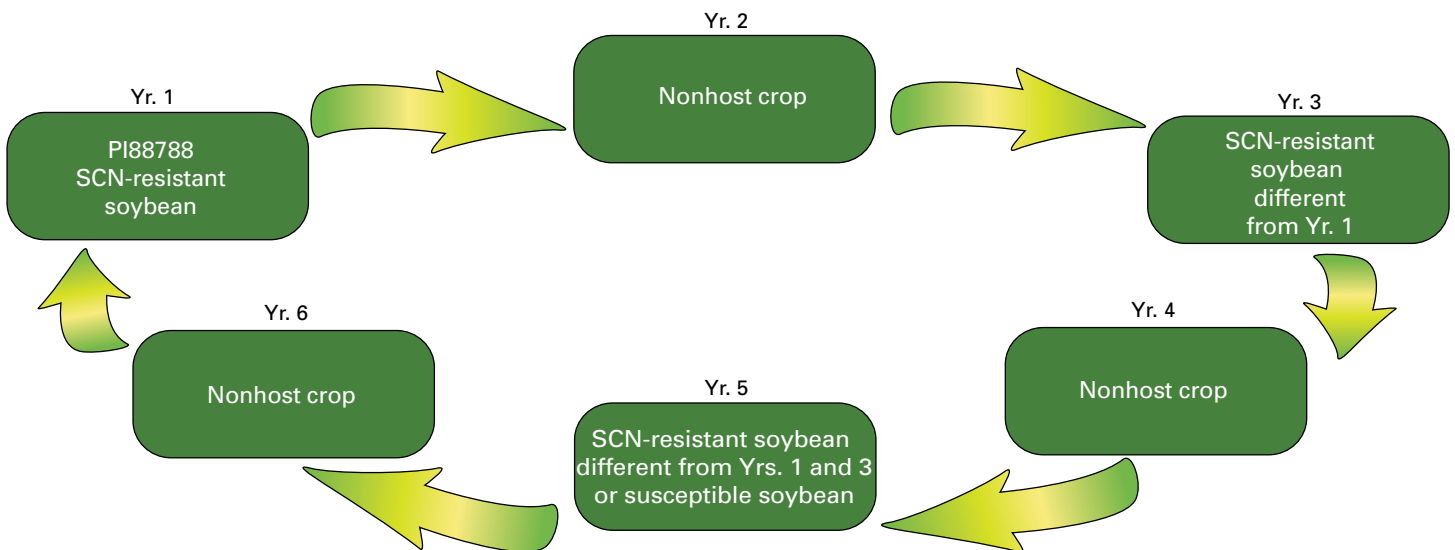


Figure 4. Recommended crop rotation for fields with *low* or *moderate* SCN population densities.

Table 1. Soybean cyst nematode-resistant soybean varieties for late maturity group 0 and maturity group I.

Brand	Variety or Product	Relative Maturity	Glyphosate Resistant (Y or N)	LibertyLink® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Albert Lea Seed House, 1414 W. Main, P.O. Box 127, Albert Lea, MN 56007, 800-352-5247, www.alseed.com						
Viking	L151N	1.5	N	Y	1.5	PI88788
Viking	1521N	1.5	N	N	Not Given	PI88788
Viking	1707R2N	1.7	Y	N	2.0	PI88788
Viking	1718N	1.7	N	N	2.5	PI88788
Viking	1908CNRR	1.9	Y	N	2.5	PI88788
Champion Seed, 3069 330th Street, Ellsworth, IA 50075, 888-417-2004, www.championseedofiowa.com						
Champion Seed	191NR	1.9	Y	N	3.3	PI88788
Champion Seed	19R72N	1.9	Y	N	1.8	PI88788
Dairyland Seed Co., P.O. Box 958, West Bend, WI 53095, 800-236-0163, www.dairylandseed.com						
Dairyland	DSR-1710/R2Y	1.7	Y	N	2.0	PI88788
Dairyland	DSR-1808/R2Y	1.8	Y	N	2.9	PI88788
Dyna-Gro Seed, c/o Crop Production Services, 3005 Rocky Mountain Avenue, Loveland, CO 80538, 970-685-3300, www.dynagroseed.com						
Dyna-Gro Seed	32B02	0.2	Y	N	2.0	PI88788
Dyna-Gro Seed	38G13	1.3	Y	N	1.0	PI88788
Dyna-Gro Seed	37RY14	1.4	Y	N	2.0	PI88788
Dyna-Gro Seed	31RY15	1.5	Y	N	2.0	PI88788
Dyna-Gro Seed	39RY16	1.6	Y	N	3.0	PI88788
Dyna-Gro Seed	34RY17	1.7	Y	N	1.0	PI88788
Dyna-Gro Seed	36RY19	1.9	Y	N	1.0	PI88788
Federal Hybrids, Inc., P.O. Box 17, 209 3rd Street NE, West Bend, IA 50597, 515-887-5888, www.federalhybrids.com						
Federal Hybrids	F181NRR2Y	1.8	Y	N	2.4	PI88788
Fontanelle, 1955 E. Military Avenue, Fremont, NE 68025, 800-279-4353, www.fontanelle.com						
Fontanelle	59N42	1.9	Y	N	2.6	PI88788
Great Lakes Hybrids, 9915 West M-21, Ovid, MI 48866, 800-257-7333, www.greatlakeshybrids.com						
Great Lakes Hybrids	1929R2	1.9	Y	N	2.3	PI88788
Gold Country Seed, 16506 Highway 15 North, Hutchinson, MN 55350, 320-587-1050 or 800-795-8544, www.goldcountryseed.com						
Gold Country Seed	0940	0.9	Y	N	2.0	PI88788
Gold Country Seed	1440	1.4	Y	N	2.0	PI88788
Gold Country Seed	1448	1.4	Y	N	2.0	PI88788
Gold Country Seed	1541	1.5	Y	N	3.0	PI88788
Gold Country Seed	1915NRR	1.5	Y	N	2.5	PI88788
Gold Country Seed	1640	1.6	Y	N	3.0	PI88788
Gold Country Seed	1741	1.7	Y	N	3.0	PI88788
Gold Country Seed	1844	1.8	Y	N	2.5	PI88788
Gold Country Seed	1848	1.8	Y	N	1.5	PI88788
GROWMARK, Inc., 1701 Towanda Avenue, Bloomington, IL 61702, 309-557-6399, www.fsseed.com						
FS HiSOY®	HS 18A12	1.8	Y	N	2.5	PI88788
FS HiSOY®	HS 19A02	1.9	Y	N	2.1	PI88788
Iowa State University, Office of Intellectual Property and Technology Transfer, 310 Lab of Mechanics, Ames, IA 50011-2131, 515-294-9442						
ISU	IA1008	1.0	N	N	Not Given	PI88788
ISU	IA1008LF	1.0	N	N	Not Given	PI88788
ISU	IA1009	1.0	N	N	Not Given	PI88788
ISU	IA1022	1.0	N	N	Not Given	PI88788

Table 1. Soybean cyst nematode-resistant soybean varieties for late maturity group 0 and maturity group I (continued).

Brand	Variety or Product	Relative Maturity	Glyphosate Resistant (Y or N)	LibertyLink® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Kruger Seeds, P.O. Box A, Dike, IA 50624, 800-772-2721, www.krugerseed.com						
Kruger	K2-1401	1.4	Y	N	2.5	PI88788
Kruger	K2-1501	1.5	Y	N	3.0	PI88788
Kruger	K2-1602	1.6	Y	N	2.5	PI88788
Kruger	K2-1701	1.7	Y	N	2.0	PI88788
Kruger	K2-1901	1.9	Y	N	2.5	PI88788
Kruger	K2-1902	1.9	Y	N	2.5	PI88788
Kussmaul Seed Co., 9020 Highway 18, Mt. Hope, WI 53816, 608-988-4568, www.kussmaulseeds.com						
Kussmaul Seeds	KS-2805RR	0.5	Y	N	1.9	PI88788
Kussmaul Seeds	KS-2809RR	0.9	Y	N	2.3	PI88788
Kussmaul Seeds	KS-2812RR	1.2	Y	N	2.5	PI88788
Kussmaul Seeds	KS-2815RR	1.5	Y	N	2.4	PI88788
Latham Hi-Tech Seeds, 131 180th Street, Alexander, IA 50420, 800-798-3258, www.lathamseeds.com						
Latham	E0958R2	0.9	Y	N	2.5	PI88788
Latham	L0983R2	0.9	Y	N	1.7	PI88788
Latham	L1568R2	1.5	Y	N	2.5	PI88788
Latham	L1584R2	1.5	Y	N	2.6	PI88788
Latham	L1783R2	1.7	Y	N	2.0	PI88788
Latham	L1800RX	1.8	Y	N	2.1	PUSCN-14
Latham	L1884R2	1.8	Y	N	2.5	PI88788
Latham	L1985R2	1.9	Y	N	2.0	PI88788
Legend Seeds, 103 Highway 14, DeSmet, SD 57231, 800-678-3346, www.legendseeds.net						
Legend Seeds	LS 19R21N	1.9	Y	N	2.2	PI88788
LG Seeds, 22827 Shissler Road, Elmwood, IL 61529, 800-752-6847, www.lgseeds.com						
LG Seeds	C1390R2	1.3	Y	N	2.8	Peking
LG Seeds	C1665R2	1.6	Y	N	2.5	PI88788
LG Seeds	C1780R2	1.7	Y	N	2.5	PI88788
LG Seeds	C1825R2	1.8	Y	N	2.4	PI88788
LG Seeds	C1829LL	1.8	N	Y	2.2	PI88788
LG Seeds	C19717R2	1.9	Y	N	2.3	PI88788
Merschman Seeds, Inc., 103 Avenue D, West Point, IA 52656, 800-848-7333, www.merschmanseeds.com						
Merschman Seeds, Inc.	Mars 1219RR2Y	1.9	Y	N	2.0	PI88788
Monsanto Company, 800 N. Lindbergh Boulevard, St. Louis, MO 63167, www.asgrow.com or www.monsanto.com						
Asgrow	AG1431	1.4	Y	N	2.0	PI88788
Asgrow	AG1631	1.6	Y	N	2.0	PI88788
Asgrow	AG1830	1.8	Y	N	3.0	PI88788
Asgrow	AG1831	1.8	Y	N	2.0	PI88788
Asgrow	AG1832	1.8	Y	N	2.0	PI88788
Asgrow	AG1931	1.9	Y	N	2.0	PI88788
Munson Hybrids, Inc., 1262 Knox Road 100 East, Galesburg, IL 61401, 309-343-8410, www.munsonhybrids.com						
Munson Hybrids, Inc.	8108LL	1.0	N	Y	1.4	PI88788
Munson Hybrids, Inc.	8158LL	1.5	N	Y	1.4	PI88788
Munson Hybrids, Inc.	8162R2Y	1.6	Y	N	2.0	PI88788
Munson Hybrids, Inc.	8198LL	1.9	N	Y	1.8	PI88788
Munson Hybrids, Inc.	8192R2Y	1.9	Y	N	2.7	PI88788
Munson Hybrids, Inc.	8197	1.9	N	N	3.0	PI88788

Table 1. Soybean cyst nematode-resistant soybean varieties for late maturity group 0 and maturity group I (continued).

Brand	Variety or Product	Relative Maturity	Glyphosate Resistant (Y or N)	LibertyLink® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Mustang Seeds, 306 S. Washington, Madison, SD 57042, 605-256-6529, www.mustangseeds.com						
Mustang	09920	0.9	Y	N	2.5	PI88788
Mustang	13320	1.3	Y	N	2.6	PI88788
Mustang	15522	1.5	Y	N	Not Given	PI88788
Mustang	16221	1.6	Y	N	2.6	PI88788
Mustang	17222	1.7	Y	N	2.3	PI88788
Mustang	18821	1.8	Y	N	2.4	PI88788
Mustang	18922	1.8	Y	N	2.6	PI88788
Mustang	19322	1.9	Y	N	1.9	PI88788
NorthStar Genetics, 217 Main Street, Wanamingo, MN 55983, 507-824-2878, www.northstargenetics.com						
NorthStar Genetics	NS 0327NR2	0.3	Y	N	2.3	PI88788
NorthStar Genetics	NS 0377NLL	0.3	N	Y	1.8	PI88788
NorthStar Genetics	NS 0567NLL	0.5	N	Y	1.8	PI88788
NorthStar Genetics	NS 1076NLL	1.0	N	Y	1.8	PI88788
NorthStar Genetics	NS 1177NR2	1.1	Y	N	2.1	PI88788
NorthStar Genetics	NS 1477NR2	1.4	Y	N	2.2	PI88788
NorthStar Genetics	NS 1423NRR	1.4	Y	N	1.9	PI88788
NorthStar Genetics	NS 7159NRR	1.5	Y	N	3.0	PI88788
NorthStar Genetics	NS 1533NRR	1.5	Y	N	2.1	PI88788
NorthStar Genetics	NS 1726NR2	1.7	Y	N	1.7	PI88788
NorthStar Genetics	NS 1826NR2	1.8	Y	N	2.8	PI88788
NorthStar Genetics	NS 1916NR2	1.9	Y	N	2.4	PI88788
NuTech Seed LLC, 36131 Highway 69N, Forest City, IA 50436, 800-942-6748, www.yieldleader.com						
6088™		0.8	Y	N	3.3	PI88788
3102L™		1.0	N	Y	2.3	PI88788
7110T™		1.1	Y	N	2.0	Peking
7164™		1.6	Y	N	2.6	PI88788
7170™		1.7	Y	N	2.4	PI88788
7186™		1.7	Y	N	3.2	Peking
7192™		1.9	Y	N	2.7	PI88788
3199L™		1.9	N	Y	2.6	PI88788
Pioneer Hi-Bred, 9131 Northpark Drive, Johnston, IA 50131, www.pioneer.com						
Pioneer	91Y80	1.8	Y	N	Not Given	PI88788
Pioneer	91Y92	1.9	Y	N	Not Given	PI88788
Prairie Brand Seed, 11261 U.S. Highway 69, Story City, IA 50248, 515-733-2101, www.prairiebrandseed.com						
Prairie Brand	PB-0879NRR2	0.9	Y	N	2.5	PI88788
Prairie Brand	PB-1483R2	1.4	Y	N	2.8	Peking
Prairie Brand	PB-1523R2	1.5	Y	N	2.8	PI88788
Prairie Brand	PB-1722R2	1.7	Y	N	2.9	PI88788
Prairie Brand	PB-1743R2	1.7	Y	N	2.7	PI88788
Prairie Brand	PB-1823R2	1.8	Y	N	2.5	PI88788
Prairie Brand	PB-1942R2	1.9	Y	N	2.4	PI88788
Producers Hybrids, P.O. Box C, Battle Creek, NE 68715, 888-675-3190, www.producershybrids.com						
Producers Hybrids	0808NR2	0.8	Y	N	2.0	PI88788
Producers Hybrids	1300NR2	1.3	Y	N	2.0	Peking
Producers Hybrids	1409NR2	1.4	Y	N	3.0	PI88788
Producers Hybrids	1609NR2	1.6	Y	N	3.0	PI88788
Producers Hybrids	1809NR2	1.8	Y	N	2.0	PI88788
Producers Hybrids	1900NR2	1.9	Y	N	2.0	PI88788
Renze Seeds, 124 South Main, Templeton, IA 51463, 712-669-3301, www.renzeseeds.com						
Renze Seeds	81882RR2cn	1.8	Y	N	2.5	PI88788

Table 1. Soybean cyst nematode-resistant soybean varieties for late maturity group 0 and maturity group I (continued).

Brand	Variety or Product	Relative Maturity	Glyphosate Resistant (Y or N)	LibertyLink® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Sand Seed Service, Inc., 4785 Highway 143 N, Marcus, IA 51035, 712-376-4135, www.sandsofiowa.com						
Sands of Iowa	STAR 1741 RR2Y	1.7	Y	N	2.0	PI88788
Sands of Iowa	STAR 1836N RR2Y	1.8	Y	N	2.5	PI88788
Sands of Iowa	SOI 1874N RR	1.8	Y	N	2.5	PI88788
Sands of Iowa	STAR 2013N RR2Y	1.9	Y	N	2.0	PI88788
Steyer Seeds, 6154 N CR 33, Tiffin, OH 44883, 800-231-4274, www.steyerseeds.com						
Steyer Seeds	1501R2	1.5	Y	N	1.0	PI88788
Steyer Seeds	1701R2	1.7	Y	N	2.0	PI88788
Steyer Seeds	1901R2	1.9	Y	N	2.0	PI88788
Stine Seed Company, 22555 Larado Trail, Adel, IA 50003, 515-677-2605, www.stinseed.com						
Stine	01RC62	0.1	Y	N	1.0	PI88788
Stine	02LC26	0.2	N	Y	2.0	PI88788
Stine	06LC26	0.6	N	Y	2.0	PI88788
Stine	11LA62	1.1	N	Y	3.0	PI88788
Stine	14LC28	1.4	N	Y	3.0	PI88788
Stine	15LC23	1.5	N	Y	3.0	PI88788
Stine	16RA02	1.6	Y	N	3.0	PI88788
Stine	16RA02	1.6	Y	N	3.0	PI88788
Stine	19RA02	1.9	Y	N	3.0	PI88788
Stine	1932-4	1.9	Y	N	3.0	PI88788
Stine	19LA06	1.9	N	Y	3.0	PI88788
Syngenta Seeds, 11055 Wayzata Boulevard, Minnetonka, MN 55305-1526, 612-656-8600, www.syngentaseeds.com						
NK	S06-H5 Brand	0.6	Y	N	1.2	PI88788
NK	S12-T8 Brand	1.2	Y	N	2.2	PI88788
NK	S13-K2 Brand	1.3	Y	N	2.2	PI88788
NK	S14-M4 Brand	1.4	Y	N	2.5	Peking
NK	S15-L5 Brand	1.5	Y	N	1.5	Peking
NK	S17-F3 Brand	1.7	Y	N	2.5	Peking
NK	S17-G8 Brand	1.7	Y	N	1.5	PI88788
NK	S19-A6 Brand	1.9	Y	N	3.5	PI88788
Trelay Seed Company, 11623 Highway 80, Livingston, WI 53554, 608-943-6450, www.trelay.com						
Trelay	14RR61	1.4	Y	N	2.0	PI88788
Trelay	15RR51	1.5	Y	N	3.0	PI88788
Trelay	16RR78	1.6	Y	N	2.0	PI88788
Trelay	18RR21	1.8	Y	N	2.0	PI88788
Trelay	18RR32	1.8	Y	N	1.0	PI88788
Wensman Seed Company, 63585 West Highway 10, P.O. Box 190, Wadena, MN 56482, 800-456-4894, www.wensmanseed.com						
Wensman Seed Company	W 3089NR2	0.8	Y	N	2.0	PI88788
Wensman Seed Company	W 3142NR2	1.4	Y	N	2.0	PI88788
Wensman Seed Company	W 3174NR2	1.7	Y	N	3.0	PI88788
Wensman Seed Company	W 3180NR2	1.8	Y	N	2.0	PI88788

Table 2. Soybean cyst nematode-resistant soybean varieties for maturity group II.

Brand	Variety or Product	Relative Maturity	Glyphosate Resistant (Y or N)	LibertyLink® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Albert Lea Seed House, 1414 W. Main, P.O. Box 127, Albert Lea, MN 56007, 800-352-5247, www.alseed.com						
Viking	2000R2N	2.0	Y	N	1.5	PI88788
Viking	2044R2N	2.0	Y	N	2.5	PI88788
Viking	L200N	2.0	N	Y	2.5	PI88788
Viking	2078N	2.0	N	N	2.5	PI88788
Viking	2100R2N	2.1	Y	N	3.0	PI88788
Viking	2280R2N	2.2	Y	N	2.0	PI88788
Burrus Hybrids, 826 Arenzville Road, Arenzville, IL 62611, 217-997-5511, www.burrusseed.com						
Power Plus	2321	2.3	Y	N	4.0	PI88788
Hughes	555	2.5	Y	N	3.5	PI88788
Power Plus	26W2	2.6	Y	N	4.0	Peking
Hughes	777	2.7	Y	N	3.5	PI88788
Champion Seed, 3069 330th Street, Ellsworth, IA 50075, 888-417-2004, www.championseedofiowa.com						
Champion Seed	200NR	2.0	Y	N	2.7	PI88788
Champion Seed	2011NLL	2.0	N	Y	2.3	PI88788
Champion Seed	20R82N	2.0	Y	N	3.2	PI88788
Champion Seed	21R22	2.1	Y	N	3.1	PI88788
Champion Seed	221NR	2.2	Y	N	2.5	PI88788
Champion Seed	22R32N	2.2	Y	N	2.9	PI88788
Champion Seed	2311NLL	2.3	N	Y	1.8	PI88788
Champion Seed	2350CN	2.3	N	N	2.4	PI88788
Champion Seed	24R72N	2.4	Y	N	1.4	PI88788
Champion Seed	2500CN	2.5	N	N	1.8	PI88788
Champion Seed	25R82N	2.5	Y	N	1.9	PI88788
Champion Seed	2612NLL	2.6	N	Y	3.7	PI88788
Champion Seed	269NR	2.6	Y	N	1.9	PI88788
Champion Seed	271NR	2.8	Y	N	2.7	PI88788
Champion Seed	280NR	2.8	Y	N	1.9	PI88788
Champion Seed	282NR	2.8	Y	N	1.7	PI88788
Champion Seed	29R32N	2.9	Y	N	1.7	PI88788
Dairyland Seed Co., P.O. Box 958, West Bend, WI 53095, 800-236-0163, www.dairylandseed.com						
Dairyland	DSR-2105/R2Y	2.1	Y	N	1.6	PI88788
Dairyland	DSR-2880/R2Y	2.8	Y	N	3.0	PI88788
Dairyland	DSR-2995/R2Y	2.9	Y	N	2.3	PI88788
Davis Seed Co., 20847 Highway J5T, Moravia, IA 52571, 641-724-9090						
Davis	4024 RR2Y	2.4	Y	N	2.4	PI88788
Davis	4125 RR2Y	2.5	Y	N	2.2	PI88788
Davis	3927 RRCN	2.7	Y	N	2.2	PI88788
Davis	4128 RR2Y	2.8	Y	N	2.5	PI88788
Davis	1028 LLCN	2.8	N	Y	2.1	PI88788
Davis	4329 RR2Y	2.9	Y	N	2.5	PI88788
Dyna-Gro Seed, c/o Crop Production Services, 3005 Rocky Mountain Avenue, Loveland, CO 80538, 970-685-3300, www.dynagroseed.com						
Dyna-Gro Seed	31D20	2.0	Y	N	2.0	PI88788
Dyna-Gro Seed	31RY20	2.0	Y	N	2.0	PI88788
Dyna-Gro Seed	35RY21	2.1	Y	N	1.0	PI88788
Dyna-Gro Seed	37N22	2.2	Y	N	2.0	PI88788
Dyna-Gro Seed	33RY23	2.3	Y	N	3.0	PI88788
Dyna-Gro Seed	36RY24	2.4	Y	N	2.0	PI88788
Dyna-Gro Seed	V25N9RR	2.5	Y	N	4.0	PI88788
Dyna-Gro Seed	36K26	2.6	Y	N	2.0	PI88788
Dyna-Gro Seed	33D27	2.7	Y	N	2.0	PI88788
Dyna-Gro Seed	38RY28	2.8	Y	N	3.0	PI88788
Dyna-Gro Seed	36C28	2.8	Y	N	1.0	PI88788

Table 2. Soybean cyst nematode-resistant soybean varieties for maturity group II (continued).

Brand	Variety or Product	Relative Maturity	Glyphosate Resistant (Y or N)	LibertyLink® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Federal Hybrids, Inc., P.O. Box 17, 209 3rd Street NE, West Bend, IA 50597, 515-887-5888, www.federalhybrids.com						
Federal Hybrids	F202NRR2Y	2.0	Y	N	2.7	PI88788
Federal Hybrids	F212NRR2Y	2.1	Y	N	2.8	PI88788
Federal Hybrids	F220NRR2Y	2.2	Y	N	2.2	PI88788
Federal Hybrids	F240NRR2Y	2.4	Y	N	2.6	PI88788
Federal Hybrids	F252NRR2Y	2.5	Y	N	2.0	PI88788
Federal Hybrids	F281NRR2Y	2.8	Y	N	2.7	PI88788
Fontanelle, 1955 E. Military Avenue, Fremont, NE 68025, 800-279-4353, www.fontanelle.com						
Fontanelle	60N21	2.0	Y	N	2.2	PI88788
Fontanelle	61N12	2.1	Y	N	1.7	PI88788
Fontanelle	62N32	2.2	Y	N	2.6	PI88788
Fontanelle	64N15	2.4	Y	N	2.2	PI88788
Fontanelle	65N31	2.5	Y	N	2.2	PI88788
Fontanelle	67S81	2.7	Y	N	2.2	PI88788
Fontanelle	69N22	2.9	Y	N	2.2	PI88788
Four Star Seed Company, 2929 335th Street, Logan, IA 51546, 712-644-1400, www.4starseed.com						
Four Star Seed Co.	2Y211 RR2Y	2.1	Y	N	1.5	PI88788
Four Star Seed Co.	2Y250	2.5	Y	N	1.7	PI88788
Four Star Seed Co.	2Y271 RR2Y	2.7	Y	N	1.7	PI88788
Four Star Seed Co.	2Y280 RR2Y	2.8	Y	N	1.8	PI88788
Four Star Seed Co.	2Y282	2.8	Y	N	2.0	PI88788
Four Star Seed Co.	2283RR	2.8	Y	N	2.2	PI88788
Four Star Seed Co.	2Y291 RR2Y	2.9	Y	N	2.0	PI88788
Gold Country Seed, 16506 Highway 15 North, Hutchinson, MN 55350, 320-587-1050 or 800-795-8544, www.goldcountryseed.com						
Gold Country Seed	2040	2.0	Y	N	2.0	PI88788
Gold Country Seed	2140	2.1	Y	N	2.0	PI88788
Gold Country Seed	2440	2.4	Y	N	2.5	PI88788
Great Lakes Hybrids, 9915 West M-21, Ovid, MI 48866, 800-257-7333, www.greatlakeshybrids.com						
Great Lakes Hybrids	2019R2	2.0	Y	N	2.1	PI88788
Great Lakes Hybrids	2449R2	2.4	Y	N	2.0	PI88788
Great Lakes Hybrids	2729R2	2.7	Y	N	3.0	PI88788
Great Lakes Hybrids	2949R2	2.9	Y	N	3.0	PI88788
GROWMARK, Inc., 1701 Towanda Avenue, Bloomington, IL 61702, 309-557-6399, www.fsseed.com						
FS HiSOY®	HS 2166	2.1	Y	N	2.3	PI88788
FS HiSOY®	HS 21A02	2.1	Y	N	3.1	PI88788
FS HiSOY®	HS 22A12	2.2	Y	N	3.0	PI88788
FS HiSOY®	HS 24A12	2.4	Y	N	3.2	PI88788
FS HiSOY®	HS 25A12	2.7	Y	N	2.0	PI88788
FS HiSOY®	HS 27A02	2.7	Y	N	3.0	PI88788
FS HiSOY®	HS 27A12	2.7	Y	N	3.0	PI88788
FS HiSOY®	HS 28A02	2.8	Y	N	2.2	PI88788
FS HiSOY®	HS 29A12	2.9	Y	N	2.5	PI88788
FS HiSOY®	HS 2911	2.9	N	N	2.8	PI88788
Iowa State University, Office of Intellectual Property and Technology Transfer, 310 Lab of Mechanics, Ames, IA 50011-2131, 515-294-9442						
ISU	AR1	2.0	N	N	Not Given	PI88788
ISU	AR4SCN	2.0	N	N	Not Given	PI88788
ISU	IA2036	2.0	N	N	Not Given	PI88788
ISU	IA2036LF	2.0	N	N	Not Given	PI88788
ISU	IA2039	2.0	N	N	Not Given	PI88788
ISU	IA2068	2.0	N	N	Not Given	PI88788
ISU	IA2101 SCN	2.0	N	N	Not Given	PI88788/PI507354

Table 2. Soybean cyst nematode-resistant soybean varieties for maturity group II (continued).

Brand	Variety or Product	Relative Maturity	Glyphosate Resistant (Y or N)	LibertyLink® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Jacobsen Hybrids, 128 9th Street, P.O. Box 379, Lake View, IA 51450, 712-665-2841, www.jacobsenseed.com						
Jacobsen	710NR2	2.0	Y	N	3.0	PI88788
Jacobsen	791NR2	2.0	Y	N	3.0	Not Given
Jacobsen	703NR2	2.3	Y	N	4.0	PI88788
Jacobsen	715NR2	2.5	Y	N	4.0	PI88788
Jacobsen	808NR2	2.8	Y	N	3.0	PI88788
Jacobsen	848NR	2.8	Y	N	3.0	Not Given
Jacobsen	819NR2	2.9	Y	N	4.0	PI88788
Jacobsen	879NR	2.9	Y	N	3.0	Not Given
Kruger Seeds, P.O. Box A, Dike, IA 50624, 800-772-2721, www.krugerseed.com						
Kruger	K-201RR/SCN	2.0	Y	N	2.5	PI88788
Kruger	K2-2001	2.0	Y	N	2.5	PI88788
Kruger	K2-2101	2.1	Y	N	2.5	PI88788
Kruger	K2-2102	2.1	Y	N	3.5	PI88788
Kruger	K2-2302	2.3	Y	N	2.5	PI88788
Kruger	K-249RR/SCN	2.4	Y	N	4.5	PI88788
Kruger	K2-2502	2.5	Y	N	3.5	PI88788
Kruger	K2-2601	2.6	Y	N	2.5	PI88788
Kruger	K2-2602	2.6	Y	N	3.5	PI88788
Kruger	K-263RR/SCN/LINO	2.6	Y	N	3.5	PI88788
Kruger	K-273RR/SCN/LINO	2.7	Y	N	Not Given	PI88788
Kruger	K2-2701	2.7	Y	N	2.5	PI88788
Kruger	K2-2703	2.7	Y	N	2.5	PI88788
Kruger	K-275RR/SCN	2.7	Y	N	2.5	PI88788
Kruger	K2-2803	2.8	Y	N	3.5	PI88788
Kruger	K2-2802	2.8	Y	N	2.5	PI88788
Kruger	K2-2804	2.8	Y	N	2.5	PI88788
Kruger	K2-2901	2.9	Y	N	3.0	PI88788
Kruger	K2-2902	2.9	Y	N	3.0	PI88788
Kruger	K2-2903V1	2.9	Y	N	3.0	PI88788
Kruger	K2-2904	2.9	Y	N	3.0	PI88788
Kussmaul Seed Co., 9020 Highway 18, Mt. Hope, WI 53816, 608-988-4568, www.kussmaulseeds.com						
Kussmaul Seeds	KS-2721RR	2.1	Y	N	2.4	PI88788
Kussmaul Seeds	KS-2823NRR	2.3	Y	N	2.7	PI88788
Kussmaul Seeds	KS-2827NRR	2.8	Y	N	2.5	PI88788
Latham Hi-Tech Seeds, 131 180th Street, Alexander, IA 50420, 800-798-3258, www.lathamseeds.com						
Latham	L2082R	2.0	Y	N	2.1	PI88788
Latham	L2084R2	2.0	Y	N	2.2	PI88788
Latham	L2085R	2.0	Y	N	2.0	PI88788
Latham	L2058L	2.0	N	Y	2.3	PI88788
Latham	L2182R2	2.1	Y	N	2.2	PI88788
Latham	L2183R2	2.1	Y	N	1.5	PI88788
Latham	L2283R2	2.2	Y	N	1.9	PI88788
Latham	L2383L	2.3	N	Y	2.4	PI88788
Latham	L2438R2	2.4	Y	N	1.8	PI88788
Latham	L2585R2	2.5	Y	N	2.0	PI88788
Latham	L2658R	2.6	Y	N	2.3	PI88788
Latham	L2686L	2.6	N	Y	2.4	PI88788
Latham	E2711R2X	2.7	Y	N	2.6	PUSCN-14
Latham	E2784R2	2.7	Y	N	2.6	PI88788
Latham	L2885R2	2.8	Y	N	3.0	PI88788
Latham	L2983R2	2.9	Y	N	2.2	PI88788
Latham	L2987L	2.9	N	Y	2.1	PI88788

Table 2. Soybean cyst nematode-resistant soybean varieties for maturity group II (continued).

Brand	Variety or Product	Relative Maturity	Glyphosate Resistant (Y or N)	LibertyLink® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Legend Seeds, 103 Highway 14, DeSmet, SD 57231, 800-678-3346, www.legendseeds.net						
Legend Seeds	LS 20R20N	2.0	Y	N	2.1	PI88788
Legend Seeds	LS 2028RRN	2.0	Y	N	2.1	PI88788
Legend Seeds	LS 21R29N	2.1	Y	N	2.0	PI88788
Legend Seeds	LS 22R21N	2.2	Y	N	2.6	PI88788
Legend Seeds	LS 2298RRN	2.2	Y	N	2.3	PI88788
Legend Seeds	LS 2210LLN	2.2	N	Y	2.1	PI88788
Legend Seeds	LS 25R21N	2.5	Y	N	1.8	PI88788
Legend Seeds	LS 2978RRN	2.6	Y	N	2.1	PI88788
Legend Seeds	LS 26R20N	2.6	Y	N	2.5	PI88788
Legend Seeds	LS 2669LLN	2.6	N	Y	2.2	PI88788
Legend Seeds	LS 27R21N	2.7	Y	N	1.5	PI88788
Legend Seeds	LS 28R20N	2.8	Y	N	2.8	PI88788
Legend Seeds	LS 2878RRN	2.8	Y	N	1.8	PI88788
Lewis Hybrids, 530 West Maple Avenue, Ursa, IL 62376, 217-964-2131, www.lewishybrids.com						
Lewis	282R2	2.8	Y	N	2.5	PI88788
LG Seeds, 22827 Shissler Road, Elmwood, IL 61529, 800-752-6847, www.lgseeds.com						
LG Seeds	C2175R2	2.1	Y	N	1.2	PI88788
LG Seeds	C2465R2	2.4	Y	N	2.0	PI88788
LG Seeds	C2500R2	2.5	Y	N	2.0	PI88788
LG Seeds	C2525LL	2.5	N	Y	2.5	PI88788
LG Seeds	C2665LL	2.6	N	Y	3.0	PI88788
LG Seeds	C2835R2	2.8	Y	N	3.2	PI88788
LG Seeds	C2895R2	2.8	Y	N	2.1	PI88788
LG Seeds	C2910	2.9	N	N	4.0	PI88788
Merschman Seeds, Inc., 103 Avenue D, West Point, IA 52656, 800-848-7333, www.merschmanseeds.com						
Merschman Seeds, Inc.	Navaho 1220RR2Y	2.0	Y	N	2.3	PI88788
Merschman Seeds, Inc.	Mohegan 1222RR2Y	2.2	Y	N	1.7	PI88788
Merschman Seeds, Inc.	Shawnee 1226RR2Y	2.6	Y	N	2.2	PI88788
Merschman Seeds, Inc.	Sioux 1126LL	2.6	N	Y	2.7	PI88788
Merschman Seeds, Inc.	Mohawk 1128RR2Y	2.8	Y	N	1.7	PI88788
Merschman Seeds, Inc.	Mohave 1128LL	2.8	N	Y	2.5	PI88788
Monsanto Company, 800 N. Lindbergh Boulevard, St. Louis, MO 63167, www.asgrow.com or www.monsanto.com						
Asgrow	AG2031	2.0	Y	N	3.0	PI88788
Asgrow	AG2041V	2.0	Y	N	2.0	PI88788
Asgrow	AG2131	2.1	Y	N	1.0	PI88788
Asgrow	AG2232	2.2	Y	N	2.0	PI88788
Asgrow	AG2330	2.3	Y	N	2.0	PI88788
Asgrow	AG2430	2.4	Y	N	2.0	PI88788
Asgrow	AG2531	2.5	Y	N	3.0	PI88788
Asgrow	AG2532	2.5	Y	N	2.0	PI88788
Asgrow	AG2631	2.6	Y	N	3.0	PI88788
Asgrow	AG2632	2.6	Y	N	2.0	PI88788
Asgrow	AG2731	2.7	Y	N	3.0	PI88788
Asgrow	DKB27-52	2.7	Y	N	2.0	PI88788
Asgrow	AG2830	2.8	Y	N	3.0	PI88788
Asgrow	AG2831	2.8	Y	N	2.0	PI88788
Asgrow	AG2931	2.9	Y	N	2.0	PI88788

Table 2. Soybean cyst nematode-resistant soybean varieties for maturity group II (continued).

Brand	Variety or Product	Relative Maturity	Glyphosate Resistant (Y or N)	LibertyLink® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Munson Hybrids, Inc., 1262 Knox Road 100 East, Galesburg, IL 61401, 309-343-8410, www.munsonhybrids.com						
Munson Hybrids, Inc.	8286LL	2.8	N	Y	2.1	PI88788
Munson Hybrids, Inc.	8281R2Y	2.8	Y	N	2.7	PI88788
Mustang Seeds, 306 S. Washington, Madison, SD 57042, 605-256-6529, www.mustangseeds.com						
Mustang	20622	2.0	Y	N	2.6	PI88788
Mustang	21421	2.1	Y	N	1.5	PI88788
Mustang	24322	2.4	Y	N	2.0	PI88788
Mustang	25521	2.5	Y	N	2.6	PI88788
Mustang	27721	2.7	Y	N	2.7	PI88788
Naylor Seed, 16600 116th Avenue, Scotch Grove, IA 52310, 319-465-3035, www.naylorseed.com						
Excel	8236NRR	2.3	Y	N	2.8	PI88788
NorthStar Genetics, 217 Main Street, Wanamingo, MN 55983, 507-824-2878, www.northstargenetics.com						
NorthStar Genetics	NS 2077NR2	2.0	Y	N	2.7	PI88788
NorthStar Genetics	NS 7204NRR	2.0	Y	N	2.2	PI88788
NorthStar Genetics	NS 2116NR2	2.1	Y	N	2.3	PI88788
NorthStar Genetics	NS 7219NRR	2.1	Y	N	2.1	PI88788
NorthStar Genetics	NS 2377NR2	2.3	Y	N	1.7	PI88788
NuTech Seed LLC, 36131 Highway 69N, Forest City, IA 50436, 800-942-6748, www.yieldleader.com						
7208™		2.0	Y	N	2.8	PI88788
7212™		2.1	Y	N	2.7	PI88788
7226™		2.2	Y	N	2.6	Peking
3229L™		2.2	N	Y	2.9	PI88788
7230™		2.3	Y	N	3.3	PI88788
7249™		2.4	Y	N	2.8	PI88788
3248L™		2.4	N	Y	3.2	PI88788
7250™		2.5	Y	N	2.9	Peking
252 CN™		2.5	N	N	2.7	PI88788
7260™		2.6	Y	N	2.9	PI88788
7262™		2.6	Y	N	3.0	Peking
7270™		2.7	Y	N	3.1	PI88788
7272™		2.7	Y	N	3.8	PI88788
270 CN™		2.7	N	N	2.8	PI88788
7282™		2.8	Y	N	3.3	PI88788
7288™		2.8	Y	N	2.5	Peking
3280L™		2.8	N	Y	2.9	PI88788
7290™		2.9	Y	N	2.8	PI88788
Pfister Seeds LLC, 187 N. Fayette Street, El Paso, IL 61738, 309-527-6000, www.pfisterseeds.com						
Pfister	22R25	2.2	Y	N	2.5	PI88788
Pfister	26R27	2.6	Y	N	2.5	PI88788
Pfister	28R21	2.8	Y	N	2.5	PI88788

Table 2. Soybean cyst nematode-resistant soybean varieties for maturity group II (continued).

Brand	Variety or Product	Relative Maturity	Glyphosate Resistant (Y or N)	LibertyLink® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Pioneer Hi-Bred, 9131 Northpark Drive, Johnston, IA 50131, www.pioneer.com						
Pioneer	92Y11	2.1	Y	N	Not Given	Peking
Pioneer	92Y20	2.2	Y	N	Not Given	Peking
Pioneer	92Y21	2.2	N	N	Not Given	PI88788
Pioneer	92Y30	2.3	Y	N	Not Given	PI88788
Pioneer	92M40	2.4	Y	N	Not Given	PI88788
Pioneer	92M54	2.5	Y	N	Not Given	PI88788
Pioneer	92Y51	2.5	Y	N	Not Given	PI88788
Pioneer	92Y53	2.5	Y	N	Not Given	Peking
Pioneer	92M61	2.6	Y	N	Not Given	PI88788
Pioneer	92Y60	2.6	Y	N	Not Given	PI88788
Pioneer	92Y70	2.7	Y	N	Not Given	PI88788
Pioneer	92Y72	2.7	Y	N	Not Given	PI88788
Pioneer	92Y73	2.7	Y	N	Not Given	PI88788
Pioneer	92Y74	2.7	Y	N	Not Given	PI88788
Pioneer	92Y75	2.7	Y	N	Not Given	PI88788
Pioneer	92Y80	2.8	Y	N	Not Given	PI88788
Prairie Brand Seed, 11261 U.S. Highway 69, Story City, IA 50248, 515-733-2101, www.prairiebrandseed.com						
Prairie Brand	PB-2042R2	2.0	Y	N	2.2	PI88788
Prairie Brand	PB-2056NRR	2.0	Y	N	2.4	PI88788
Prairie Brand	PB-2099NRR2	2.0	Y	N	2.2	PI88788
Prairie Brand	PB-2123R2	2.1	Y	N	2.8	PI88788
Prairie Brand	PB-2143R2	2.1	Y	N	2.8	PI88788
Prairie Brand	PB-2242R2	2.2	Y	N	2.3	PI88788
Prairie Brand	PB-2282R2	2.2	Y	N	3.3	PI88788
Prairie Brand	PB-2343R2	2.3	Y	N	1.8	PI88788
Prairie Brand	PB-2442R2	2.4	Y	N	2.3	PI88788
Prairie Brand	PB-2468R2	2.4	Y	N	2.6	PI88788
Prairie Brand	PB-2558NRR	2.4	Y	N	4.0	PI88788
Prairie Brand	PB-2544R2	2.5	Y	N	2.1	PI88788
Prairie Brand	PB-2667NRR	2.6	Y	N	2.3	PI88788
Prairie Brand	PB-2743R2	2.7	Y	N	3.0	PI88788
Prairie Brand	PB-2878R2	2.8	Y	N	3.0	PI88788
Prairie Brand	PB-2882R2	2.8	Y	N	2.8	PI88788
Prairie Brand	PB-2903R2	2.9	Y	N	2.3	PI88788
Producers Hybrids, P.O. Box C, Battle Creek, NE 68715, 888-675-3190, www.producershybrids.com						
Producers Hybrids	2008NR2	2.0	Y	N	1.0	PI88788
Producers Hybrids	2209NR2	2.2	Y	N	1.0	PI88788
Producers Hybrids	2500NR2	2.5	Y	N	1.0	PI88788
Producers Hybrids	28909NR2	2.8	Y	N	1.0	PI88788
Producers Hybrids	2900NR2	2.9	Y	N	3.0	PI88788
Rainbow Seeds, 1816 Highway 163, Oskaloosa, IA 52577, 800-373-9401						
Rainbow Seeds	4249NR2Y	2.4	Y	N	1.7	PI88788
Rainbow Seeds	4255NRR	2.5	Y	N	1.5	PI88788
Rainbow Seeds	4271NRR	2.7	Y	N	1.8	PI88788
Rainbow Seeds	4281NLL	2.8	N	Y	2.1	PI88788
Rainbow Seeds	4285NR2Y	2.8	Y	N	2.5	PI88788
Rainbow Seeds	4292NRR	2.9	Y	N	1.9	PI88788
Rainbow Seeds	4299NR2Y	2.9	Y	N	1.6	PI88788

Table 2. Soybean cyst nematode-resistant soybean varieties for maturity group II (continued).

Brand	Variety or Product	Relative Maturity	Glyphosate Resistant (Y or N)	LibertyLink® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Renze Seeds, 124 South Main, Templeton, IA 51463, 712-669-3301, www.renzeseeds.com						
Renze Seeds	82050RR2cn	2.0	Y	N	1.5	PI88788
Renze Seeds	82151RR2cn	2.1	Y	N	1.5	PI88788
Renze Seeds	82279RRcn	2.2	Y	N	1.5	PI88788
Renze Seeds	82599RRcn	2.3	Y	N	1.5	PI88788
Renze Seeds	82651RR2cn	2.6	Y	N	2.5	PI88788
Renze Seeds	82669RRcn	2.6	Y	N	1.5	PI88788
Renze Seeds	82772RR2cn	2.7	Y	N	1.5	PI88788
Renze Seeds	82889RRcn	2.8	Y	N	2.0	PI88788/Peking
Renze Seeds	82992RR2cn	2.9	Y	N	2.0	PI88788
Renze Seeds	82999RRcn	2.9	Y	N	2.5	PI88788
Sand Seed Service, Inc., 4785 Highway 143 N, Marcus, IA 51035, 712-376-4135, www.sandsofiowa.com						
Sands of Iowa	STAR 2049 RR2Y	2.0	Y	N	2.5	PI88788
Sands of Iowa	SOI 2021N LL	2.0	N	Y	2.0	PI88788
Sands of Iowa	SOI 2038N RR	2.0	Y	N	2.5	PI88788
Sands of Iowa	SOI 2128N	2.1	N	N	2.0	PI88788
Sands of Iowa	STAR 2227N RR2Y	2.2	Y	N	2.0	PI88788
Sands of Iowa	STAR 2299N RR2Y	2.2	Y	N	2.0	PI88788
Sands of Iowa	STAR 2211N RR2Y	2.3	Y	N	2.5	PI88788
Sands of Iowa	STAR 2322N RR2Y	2.3	Y	N	2.0	PI88788
Sands of Iowa	SOI 2361N LL	2.3	N	Y	2.5	PI88788
Sands of Iowa	STAR 2481N RR2Y	2.4	Y	N	2.5	PI88788
Sands of Iowa	SOI 2414N RR	2.4	Y	N	3.0	PI88788
Sands of Iowa	STAR 2827 RR2Y	2.7	Y	N	3.0	PI88788
Sands of Iowa	SOI 2716N RR	2.7	Y	N	2.5	PI88788
Sands of Iowa	STAR 2897NS RR2Y	2.8	Y	N	2.5	PI88788
Schillinger Genetics, 4401 Westown Parkway, Suite 225, West Des Moines, IA 50266, 515-225-6134, www.emergegenetics.com						
eMerge	AQ2020	2.0	N	N	2.5	PI88788
eMerge	e2311	2.3	N	N	2.7	PI88788
eMerge	e2321	2.3	N	N	2.3	PI88788
eMerge	289.TC	2.8	N	N	2.5	PI88788
Steyer Seeds, 6154 N CR 33, Tiffin, OH 44883, 800-231-4274, www.steyerseeds.com						
Steyer Seeds	2201R2	2.2	Y	N	2.0	PI88788
Steyer Seeds	2501R2	2.5	Y	N	2.0	PI88788
Steyer Seeds	2502R2	2.5	Y	N	1.0	PI88788
Steyer Seeds	2701R2	2.7	Y	N	2.0	PI88788
Steyer Seeds	2702R2	2.7	Y	N	2.0	PI88788
Steyer Seeds	2801R2	2.8	Y	N	Not Given	PI88788
Steyer Seeds	2803R2	2.8	Y	N	2.0	PI88788

Table 2. Soybean cyst nematode-resistant soybean varieties for maturity group II (continued).

Brand	Variety or Product	Relative Maturity	Glyphosate Resistant (Y or N)	LibertyLink® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Stine Seed Company, 22555 Larado Trail, Adel, IA 50003, 515-677-2605, www.stinseed.com						
Stine	20RC82	2.0	Y	N	3.0	PI88788
Stine	2062-4	2.0	Y	N	3.0	PI88788
Stine	20RC32	2.0	Y	N	3.0	PI88788
Stine	21RC32	2.1	Y	N	3.0	PI88788
Stine	21RB62	2.1	Y	N	2.0	PI88788
Stine	22RC62	2.2	Y	N	2.0	PI88788
Stine	22LC32	2.2	N	Y	3.0	PI88788
Stine	23RA22	2.3	Y	N	2.0	PI88788
Stine	24RB00	2.4	Y	N	3.0	PI88788
Stine	2420-4	2.4	Y	N	3.0	PI88788
Stine	24LC03	2.4	N	Y	3.0	PI88788
Stine	25RC28	2.5	Y	N	2.0	PI88788
Stine	25LA20	2.5	N	Y	3.0	PI88788
Stine	27RA20	2.7	Y	N	3.0	PI88788
Stine	29RB22	2.9	Y	N	3.0	PI88788
Stine	29LC28	2.9	N	Y	3.0	PI88788
Syngenta Seeds, 11055 Wayzata Boulevard, Minnetonka, MN 55305-1526, 612-656-8600, www.syngentaseeds.com						
NK	S20-Y2 Brand	2.0	Y	N	2.0	PI88788
NK	S21-B1 Brand	2.1	Y	N	2.5	PI88788
NK	S22-C5 Brand	2.2	Y	N	1.0	PI88788
NK	S23-A8 Brand	2.3	Y	N	3.0	PI88788
NK	S25-T8 Brand	2.5	Y	N	2.5	PI88788
NK	S26-E9 Brand	2.6	Y	N	4.0	PI88788
NK	S27-C4 Brand	2.7	Y	N	3.0	PI88788
NK	S29-W7 Brand	2.9	Y	N	3.5	PI88788
NK	S29-V2 Brand	2.9	Y	N	2.5	PI88788
Trelay Seed Company, 11623 Highway 80, Livingston, WI 53554, 608-943-6450, www.trelay.com						
Trelay	2203RR	2.0	Y	N	3.0	PI88788
Trelay	20RR43	2.0	Y	N	3.0	PI88788
Trelay	21RR37	2.1	Y	N	2.0	PI88788
Trelay	2252RR	2.5	Y	N	4.0	PI88788
Trelay	25RR26	2.5	Y	N	2.0	PI88788
Trelay	27RR03	2.7	Y	N	3.0	PI88788
Trelay	28RR64	2.8	Y	N	3.0	PI88788
Wensman Seed Company, 63585 West Highway 10, P.O. Box 190, Wadena, MN 56482, 800-456-4894, www.wensmanseed.com						
Wensman Seed Company	W 3200NR2	2.0	Y	N	2.0	PI88788
Wensman Seed Company	W 3212NR2	2.1	Y	N	1.0	PI88788
Wensman Seed Company	W 3256NR2	2.5	Y	N	2.0	PI88788
Wensman Seed Company	W 3284NR2	2.8	Y	N	3.0	PI88788
Winfield Solutions-CROPLAN GENETICS, 1080 Country Road F West, Shoreview, MN 55126, 651-494-5208, www.croplangenetics.com						
CROPLAN GENETICS	LC2060	2.0	N	Y	4.0	PI88788
CROPLAN GENETICS	R2C2070	2.0	Y	N	3.0	PI88788
CROPLAN GENETICS	R2C2120	2.1	Y	N	2.0	PI88788
CROPLAN GENETICS	R2C2141	2.1	Y	N	4.0	PI88788
CROPLAN GENETICS	R2C2200	2.1	Y	N	3.0	PI88788
CROPLAN GENETICS	R2C2251	2.2	Y	N	3.0	PI88788
CROPLAN GENETICS	R2C2360	2.3	Y	N	4.0	PI88788
CROPLAN GENETICS	R2C2451	2.4	Y	N	3.0	PI88788
CROPLAN GENETICS	LC2630	2.6	N	Y	4.0	PI88788
CROPLAN GENETICS	R2C2721	2.7	Y	N	3.0	PI88788
CROPLAN GENETICS	R2C2781	2.7	Y	N	3.0	PI88788
CROPLAN GENETICS	R2C2830	2.8	Y	N	2.0	PI88788
CROPLAN GENETICS	R2C2980	2.9	Y	N	5.0	PI88788

Table 3. Soybean cyst nematode-resistant soybean varieties for maturity group III.

Brand	Variety or Product	Relative Maturity	Glyphosate Resistant (Y or N)	LibertyLink® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Champion Seed, 3069 330th Street, Ellsworth, IA 50075, 888-417-2004, www.championseedofiowa.com						
Champion Seed	300NR	3.0	Y	N	2.8	PI88788
Champion Seed	307NR	3.0	Y	N	2.0	PI88788
Champion Seed	3100NLL	3.1	N	Y	1.4	PI88788
Champion Seed	31R82N	3.1	Y	N	2.1	PI88788
Champion Seed	321NR	3.2	Y	N	2.2	PI88788
Champion Seed	348NR	3.4	Y	N	2.2	PI88788
Dairyland Seed Co., P.O. Box 958, West Bend, WI 53095, 800-236-0163, www.dairylandseed.com						
Dairyland	DSR-3232/R2Y	3.2	Y	N	2.4	PI88788
Dairyland	DSR-3466/R2Y	3.4	Y	N	2.6	PI88788
Dairyland	DSR-3510	3.5	N	N	2.8	PI88788
Dairyland	DSR-3585/RR	3.5	Y	N	2.2	PI88788
Dairyland	DSR-3675/RR	3.6	Y	N	2.8	PI88788
Dairyland	DSR-3736/R2Y	3.7	Y	N	Not Given	PI88788
Dairyland	DSR-3805/R2Y	3.8	Y	N	2.8	PI88788
Dairyland	DSR-3980/R2Y	3.9	Y	N	Not Given	PI88788
Davis Seed Co., 20847 Highway J5T, Moravia, IA 52571, 641-724-9090						
Davis	4131 RR2Y	3.1	Y	N	2.4	PI88788
Davis	1032 LLCN	3.2	N	Y	2.3	PI88788
Davis	3932 RRCN	3.2	Y	N	2.5	PI88788
Davis	4134 RR2Y	3.4	Y	N	2.1	PI88788
Davis	3734 RRCN	3.4	Y	N	2.1	PI88788
Davis	D-344 CN	3.4	Y	N	2.8	PI88788
Davis	1035 LLCN	3.5	N	Y	2.3	PI88788
Davis	4136 RR2Y	3.6	Y	N	2.5	PI88788
Davis	3836 RRCN	3.6	Y	N	2.0	PI88788
Davis	3837 RRCN	3.7	Y	N	2.0	PI88788
Davis	4038 RR2Y	3.8	Y	N	2.4	PI88788
Davis	3938 RRCNS	3.8	Y	N	2.5	PI88788
Davis	4139 RR2Y	3.9	Y	N	2.6	PI88788
Dyna-Gro Seed, c/o Crop Production Services, 3005 Rocky Mountain Avenue, Loveland, CO 80538, 970-685-3300, www.dynagroseed.com						
Dyna-Gro Seed	33RY30	3.0	Y	N	3.0	PI88788
Dyna-Gro Seed	39RY30	3.0	Y	N	Not Given	PI88788
Dyna-Gro Seed	36RY32	3.2	Y	N	2.0	PI88788
Dyna-Gro Seed	35RY33	3.3	Y	N	4.0	PI88788
Dyna-Gro Seed	37RY33	3.3	Y	N	Not Given	PI88788
Dyna-Gro Seed	37T33	3.3	Y	N	2.0	PI88788
Dyna-Gro Seed	32RY34	3.4	Y	N	3.0	PI88788
Dyna-Gro Seed	37J34	3.4	Y	N	2.0	PI88788
Dyna-Gro Seed	32LL35	3.5	N	Y	2.0	PI88788
Dyna-Gro Seed	38RY35	3.5	Y	N	4.0	PI88788
Dyna-Gro Seed	31RY37	3.7	Y	N	2.0	PI88788
Dyna-Gro Seed	34LL37	3.7	N	Y	2.0	PI88788
Dyna-Gro Seed	37P37	3.7	Y	N	2.0	PI88788
Dyna-Gro Seed	V388SCN	3.8	N	N	Not Given	PI88788
Dyna-Gro Seed	32C38	3.8	Y	N	3.0	PI88788
Dyna-Gro Seed	35G38	3.8	Y	N	2.0	PI88788
Dyna-Gro Seed	V39N9RR	3.9	Y	N	Not Given	PI88788
Dyna-Gro Seed	32X39	3.9	Y	N	3.0	PI88788
Dyna-Gro Seed	33RY39	3.9	Y	N	3.0	PI88788
Dyna-Gro Seed	36LL39	3.9	N	Y	3.0	PI88788
Federal Hybrids, Inc., P.O. Box 17, 209 3rd Street NE, West Bend, IA 50597, 515-887-5888, www.federalhybrids.com						
Federal Hybrids	F312NRR2Y	3.1	Y	N	2.2	PI88788

Table 3. Soybean cyst nematode-resistant soybean varieties for maturity group III (continued).

Brand	Variety or Product	Relative Maturity	Glyphosate Resistant (Y or N)	LibertyLink® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Fontanelle, 1955 E. Military Avenue, Fremont, NE 68025, 800-279-4353, www.fontanelle.com						
Fontanelle	70N04	3.0	Y	N	2.2	PI88788
Fontanelle	70L03	3.0	Y	N	2.2	PI88788
Fontanelle	71N52	3.1	Y	N	1.7	PI88788
Fontanelle	72N51	3.2	Y	N	2.2	PI88788
Fontanelle	76N12	3.6	Y	N	Not Given	PI88788
Fontanelle	77N61	3.7	Y	N	Not Given	PI88788
Fontanelle	9789 NRR	3.8	Y	N	Not Given	PI88788
Fontanelle	9680 NRR	3.8	Y	N	1.7	PI88788
Fontanelle	78N71	3.8	Y	N	Not Given	PI88788
Fontanelle	79N42	3.9	Y	N	2.7	PI88788
Four Star Seed Company, 2929 335th Street, Logan, IA 51546, 712-644-1400, www.4starseed.com						
Four Star Seed Co.	2Y310 RR2Y	3.1	Y	N	2.2	PI88788
Great Lakes Hybrids, 9915 West M-21, Ovid, MI 48866, 800-257-7333, www.greatlakeshybrids.com						
Great Lakes Hybrids	3069R2	3.0	Y	N	2.7	PI88788
Great Lakes Hybrids	3289R2	3.2	Y	N	2.2	PI88788
Great Lakes Hybrids	3429R2	3.4	Y	N	2.2	PI88788
GROWMARK, Inc., 1701 Towanda Avenue, Bloomington, IL 61702, 309-557-6399, www.fsseed.com						
FS HiSOY®	HS 31A02	3.1	Y	N	2.7	PI88788
FS HiSOY®	HS 33A02	3.3	Y	N	3.3	PI88788
FS HiSOY®	HS 3466	3.4	Y	N	2.8	PI88788
FS HiSOY®	HS 34A12	3.4	Y	N	2.3	PI88788
FS HiSOY®	HS 34C90	3.5	N	N	2.7	PI88788
FS HiSOY®	HS 36A12	3.6	Y	N	Not Given	PI88788
FS HiSOY®	HS 37L12	3.7	N	Y	3.5	PI88788
FS HiSOY®	HS 37A02	3.7	Y	N	3.5	PI88788
FS HiSOY®	HS 38R80	3.8	Y	N	3.2	PI88788
FS HiSOY®	HS 38C60	3.8	N	N	3.1	PI88788
FS HiSOY®	HS 38A12	3.8	Y	N	Not Given	PI88788
FS HiSOY®	HS 38A02	3.8	Y	N	3.3	PI88788
FS HiSOY®	HS 39A02	3.9	Y	N	2.7	PI88788
FS HiSOY®	HS 39A12	3.9	Y	N	Not Given	PI88788
FS HiSOY®	HS 39L02	3.9	N	Y	2.3	PI88788
Iowa State University, Office of Intellectual Property and Technology Transfer, 310 Lab of Mechanics, Ames, IA 50011-2131, 515-294-9442						
ISU	IA3005	3.0	N	N	Not Given	PI88788
ISU	IA3014	3.0	N	N	Not Given	PI88788
ISU	IA3015	3.0	N	N	Not Given	PI88788
ISU	IA 3048	3.0	N	N	Not Given	PI88788
ISU	A95-68404	3.0	N	N	Not Given	PI88788
ISU	AR5SCN	3.0	N	N	Not Given	PI88788
ISU	AR6SCN	3.0	N	N	Not Given	PI88788
ISU	AR7SCN	3.0	N	N	Not Given	PI88788
ISU	AR8SCN	3.0	N	N	Not Given	PI88788
ISU	IAR3001 Phyto SCN	3.0	N	N	Not Given	PI438489B/PI90363
Jacobsen Hybrids, 128 9th Street, P.O. Box 379, Lake View, IA 51450, 712-665-2841, www.jacobsenseed.com						
Jacobsen	899NR2	3.0	Y	N	3.0	PI88788
Jacobsen	980NR	3.1	Y	N	2.0	Not Given
Jacobsen	991NR2	3.2	Y	N	Not Given	Not Given
Jacobsen	964NR	3.4	Y	N	4.0	Not Given
Jacobsen	914NR2	3.4	Y	N	4.0	PI88788

Table 3. Soybean cyst nematode-resistant soybean varieties for maturity group III (continued).

Brand	Variety or Product	Relative Maturity	Glyphosate Resistant (Y or N)	LibertyLink® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Kruger Seeds, P.O. Box A, Dike, IA 50624, 800-772-2721, www.krugerseed.com						
Kruger	K2-3103	3.1	Y	N	2.5	PI88788
Kruger	K2-3202	3.2	Y	N	2.5	PI88788
Kruger	K2-3302	3.3	Y	N	2.5	PI88788
Kruger	K2-3402	3.4	Y	N	3.0	PI88788
Kruger	K-348RR/SCN	3.4	Y	N	3.0	PI88788
Kruger	K2-3601	3.6	Y	N	3.0	PI88788
Kruger	K2-3602	3.6	Y	N	3.0	PI88788
Kruger	K2-3701	3.7	Y	N	Not Given	PI88788
Kruger	K2-3802	3.8	Y	N	3.5	PI88788
Kruger	K-384RR/SCN	3.8	Y	N	Not Given	PI88788
Kruger	K2-3801	3.8	Y	N	3.5	PI88788
Kruger	K2-3902	3.9	Y	N	Not Given	PI88788
Kruger	K2-3901	3.9	Y	N	3.0	PI88788
Latham Hi-Tech Seeds, 131 180th Street, Alexander, IA 50420, 800-798-3258, www.lathamseeds.com						
Latham	L3148R2	3.1	Y	N	2.6	PI88788
Latham	L3268R2	3.2	Y	N	2.2	PI88788
Latham	L3287L	3.2	N	Y	2.7	PI88788
Latham	L3385R2	3.3	Y	N	2.4	PI88788
Latham	L3858R	3.8	Y	N	2.3	PI88788
Latham	L3985R	3.9	Y	N	2.8	PI88788
Lewis Hybrids, 530 West Maple Avenue, Ursa, IL 62376, 217-964-2131, www.lewishybrids.com						
Lewis	302R2	3.0	Y	N	2.5	PI88788
Lewis	332R2	3.3	Y	N	2.0	PI88788
Lewis	3407	3.4	Y	N	2.5	PI88788
Lewis	351R2	3.5	Y	N	2.5	PI88788
Lewis	361R2	3.6	Y	N	2.5	PI88788
Lewis	362R2	3.6	Y	N	2.5	PI88788
Lewis	372R2	3.7	Y	N	2.5	PI88788
Lewis	381R2	3.8	Y	N	2.0	PI88788
Lewis	3909	3.9	Y	N	2.5	PI88788
Lewis	392R2	3.9	y	N	2.5	PI88788
LG Seeds, 22827 Shissler Road, Elmwood, IL 61529, 800-752-6847, www.lgseeds.com						
LG Seeds	C3001R2	3.0	Y	N	3.0	PI88788
LG Seeds	C3044R2	3.0	Y	N	2.7	PI88788
LG Seeds	C3069LL	3.0	N	Y	3.2	PI88788
LG Seeds	L3025R2 (Vistive)	3.0	Y	N	3.7	PI88788
LG Seeds	C3266R2	3.2	Y	N	2.5	PI88788
LG Seeds	C3445NRR	3.4	Y	N	1.2	PI88788
LG Seeds	C3466R2	3.4	Y	N	2.4	PI88788
LG Seeds	C3510LL	3.5	N	Y	2.7	PI88788
LG Seeds	C3554	3.5	N	N	4.1	PI88788
LG Seeds	C3616R2	3.6	Y	N	2.5	PI88788
LG Seeds	C3707LL	3.7	N	Y	2.2	PI88788
LG Seeds	C3766NRR	3.7	Y	N	4.0	PI88788
LG Seeds	C3770R2	3.7	Y	N	Not Given	PI88788
LG Seeds	C3884N	3.8	N	N	Not Given	PI88788
LG Seeds	C3890R2	3.8	Y	N	Not Given	PI88788
LG Seeds	C3756R2	3.9	Y	N	4.1	PI88788
LG Seeds	C3987LL	3.9	N	Y	3.5	PI88788
LG Seeds	C3988NRR	3.9	Y	N	2.2	PI88788

Table 3. Soybean cyst nematode-resistant soybean varieties for maturity group III (continued).

Brand	Variety or Product	Relative Maturity	Glyphosate Resistant (Y or N)	LibertyLink® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Merschman Seeds, Inc., 103 Avenue D, West Point, IA 52656, 800-848-7333, www.merschmanseeds.com						
Merschman Seeds, Inc.	Arthur 1230RR2Y	3.0	Y	N	2.7	PI88788
Merschman Seeds, Inc.	Coolidge 1234RR2Y	3.4	Y	N	2.4	PI88788
Merschman Seeds, Inc.	Grant 1236LL	3.6	N	Y	2.2	PI88788
Merschman Seeds, Inc.	Kennedy 1036RR2Y	3.6	Y	N	2.9	PI88788
Merschman Seeds, Inc.	Truman 938LL	3.8	N	Y	2.8	PI88788
Merschman Seeds, Inc.	Washington 1238RR	3.8	Y	N	2.3	PI88788
Merschman Seeds, Inc.	Madison 1039LL	3.9	N	Y	2.3	PI88788
MFA Incorporated, 201 Ray Young Drive, Columbia, MO 65201, 573-876-5490, www.morsoy.com						
MorSoy	RT 3629N	3.6	Y	N	2.0	PI88788
MorSoy	R2 37X70N	3.7	Y	N	3.0	PI88788
MorSoy	LL 3759N	3.7	N	Y	2.0	PI88788
MorSoy	RT 3930N	3.9	Y	N	3.0	PI88788
MorSoy	LL 3939N	3.9	N	Y	2.5	PI88788
MorSoy	3919N	3.9	N	N	3.0	PI88788
Monsanto Company, 800 N. Lindbergh Boulevard, St. Louis, MO 63167, www.asgrow.com or www.monsanto.com						
Asgrow	AG3030	3.0	Y	N	3.0	PI88788
Asgrow	AG3039	3.0	Y	N	2.0	PI88788
Asgrow	AG3040V	3.0	Y	N	2.0	PI88788
Asgrow	AG3041V	3.0	Y	N	2.0	PI88788
Asgrow	AG3131	3.1	Y	N	3.0	PI88788
Asgrow	AG3132	3.1	Y	N	3.0	PI88788
Asgrow	AG3231	3.2	Y	N	Not Given	PI88788
Asgrow	AG3341V	3.3	Y	N	Not Given	PI88788
Asgrow	AG3431	3.4	Y	N	Not Given	PI88788
Asgrow	AG3432	3.4	Y	N	3.0	PI88788
Asgrow	AG3631	3.6	Y	N	Not Given	PI88788
Asgrow	AG3632	3.6	Y	N	Not Given	PI88788
Asgrow	AG3641V	3.6	Y	N	Not Given	PI88788
Asgrow	AG3730	3.7	Y	N	Not Given	PI88788
Asgrow	AG3731	3.7	Y	N	Not Given	PI88788
Asgrow	AG3803	3.8	Y	N	3.0	PI88788
Asgrow	AG3830	3.8	Y	N	2.0	PI88788
Asgrow	AG3832	3.8	Y	N	Not Given	PI88788
Asgrow	AG3931	3.9	Y	N	Not Given	PI88788
Asgrow	AG3932	3.9	Y	N	Not Given	PI88788
Munson Hybrids, Inc., 1262 Knox Road 100 East, Galesburg, IL 61401, 309-343-8410, www.munsonhybrids.com						
Munson Hybrids, Inc.	8302R2Y	3.0	Y	N	1.7	PI88788
Munson Hybrids, Inc.	8327	3.2	N	N	3.0	PI88788
Munson Hybrids, Inc.	8322R2Y	3.2	Y	N	2.2	PI88788
Munson Hybrids, Inc.	8328RR	3.2	Y	N	3.1	PI88788
Munson Hybrids, Inc.	8341R2Y	3.4	Y	N	2.4	PI88788
Munson Hybrids, Inc.	8356LL	3.5	N	Y	2.3	PI88788
Munson Hybrids, Inc.	8352R2Y	3.5	Y	N	2.3	PI88788
Munson Hybrids, Inc.	8365	3.6	N	N	2.9	PI88788
Munson Hybrids, Inc.	8372R2Y	3.7	Y	N	Not Given	PI88788

Table 3. Soybean cyst nematode-resistant soybean varieties for maturity group III (continued).

Brand	Variety or Product	Relative Maturity	Glyphosate Resistant (Y or N)	LibertyLink® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
NuTech Seed LLC, 36131 Highway 69N, Forest City, IA 50436, 800-942-6748, www.yieldleader.com						
	309 CN™	3.0	N	N	3.4	PI88788
	7310™	3.1	Y	N	3.2	PI88788
	7328™	3.2	Y	N	3.2	PI88788
	7332™	3.3	Y	N	2.9	PI88788
	7342™	3.4	Y	N	3.3	PI88788
	3340L™	3.4	N	Y	2.9	PI88788
	7359S™	3.5	Y	N	3.2	PI88788
	358 CN™	3.5	N	N	3.4	PI88788
	7362™	3.6	Y	N	3.3	PI88788
	7372™	3.7	Y	N	3.2	PI88788
	7373™	3.7	Y	N	3.0	PI88788
	3372L™	3.7	N	Y	2.7	PI88788
	7382™	3.8	Y	N	3.9	PI88788
	7390™	3.9	Y	N	3.3	PI88788
	3399L™	3.9	N	Y	3.3	PI88788
Pioneer Hi-Bred, 9131 Northpark Drive, Johnston, IA 50131, www.pioneer.com						
Pioneer	93Y03	3.0	Y	N	Not Given	PI88788
Pioneer	93Y05	3.0	Y	N	Not Given	PI88788
Pioneer	93Y11	3.1	Y	N	Not Given	PI88788
Pioneer	93Y13	3.1	Y	N	Not Given	PI88788
Pioneer	93Y15	3.1	Y	N	Not Given	PI88788
Pioneer	93Y21	3.2	N	N	Not Given	PI88788
Pioneer	93Y22	3.2	Y	N	Not Given	PI88788
Pioneer	93M42	3.4	Y	N	Not Given	PI88788
Pioneer	93Y40	3.4	Y	N	Not Given	PI88788
Pioneer	93Y41	3.4	N	N	Not Given	PI88788
Pioneer	93Y51	3.5	Y	N	Not Given	PI88788
Pioneer	93M61	3.6	Y	N	Not Given	PI88788
Pioneer	93Y60	3.6	Y	N	Not Given	PI88788
Pioneer	93Y70	3.7	Y	N	Not Given	PI88788
Pioneer	93Y72	3.7	Y	N	Not Given	PI88788
Pioneer	93Y82	3.8	Y	N	Not Given	PI88788
Pioneer	93Y83	3.8	N	N	Not Given	PI88788
Pioneer	93Y91	3.9	Y	N	Not Given	PI88788
Pioneer	93Y92	3.9	Y	N	Not Given	PI88788
Pfister Seeds LLC, 187 N. Fayette Street, El Paso, IL 61738, 309-527-6000, www.pfisterseeds.com						
Pfister	30R29	3.0	Y	N	Not Given	PI88788
Pfister	34R20	3.4	Y	N	Not Given	PI88788
Pfister	37R28	3.7	Y	N	2.0	PI88788
Pfister	38R25	3.8	Y	N	2.5	PI88788
Pfister	39R16	3.9	Y	N	2.5	PI88788
Prairie Brand Seed, 11261 U.S. Highway 69, Story City, IA 50248, 515-733-2101, www.prairiebrandseed.com						
Prairie Brand	PB-2956NRR	3.0	Y	N	3.2	PI88788
Prairie Brand	PB-3188R2	3.1	Y	N	3.2	PI88788
Prairie Brand	PB-3342R2	3.3	Y	N	3.3	PI88788
Prairie Brand	PB-3436NRR	3.4	Y	N	3.6	PI88788
Prairie Brand	PB-3558R	3.4	N	Y	3.7	PI88788
Prairie Brand	PB-3722R2	3.5	Y	N	2.7	PI88788
Prairie Brand	PB-3878R2	3.8	Y	N	3.5	PI88788
Prairie Brand	PB-3892R2	3.8	Y	N	3.4	PI88788

Table 3. Soybean cyst nematode-resistant soybean varieties for maturity group III (continued).

Brand	Variety or Product	Relative Maturity	Glyphosate Resistant (Y or N)	LibertyLink® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Producers Hybrids, P.O. Box C, Battle Creek, NE 68715, 888-675-3190, www.producershybrids.com						
Producers Hybrids	3190NR2	3.1	Y	N	1.0	PI88788
Producers Hybrids	3300NR2	3.3	Y	N	3.0	PI88788
Producers Hybrids	3600NR2	3.6	Y	N	Not Given	PI88788
Producers Hybrids	384NRS	3.8	Y	N	3.0	PI88788
Producers Hybrids	3900NR2	3.9	Y	N	Not Given	PI88788
Renze Seeds, 124 South Main, Templeton, IA 51463, 712-669-3301, www.rezeseeds.com						
Renze Seeds	83151RR2cn	3.1	Y	N	1.5	PI88788
Renze Seeds	83250RR2cn	3.2	Y	N	2.5	PI88788
Renze Seeds	83382RR2cn	3.3	Y	N	2.0	PI88788
Renze Seeds	83386RRcn	3.3	Y	N	2.0	PI88788
Renze Seeds	83722RR2cn	3.7	Y	N	Not Given	PI88788
Renze Seeds	83788RRcn	3.7	Y	N	2.5	PI88788
Renze Seeds	83797RRcn	3.7	Y	N	1.5	PI88788
Rainbow Seeds, 1816 Highway 163, Oskaloosa, IA 52577, 800-373-9401						
Rainbow Seeds	4307NRR	3.0	Y	N	2.4	PI88788
Rainbow Seeds	4321NRR	3.2	Y	N	2.2	PI88788
Rainbow Seeds	4351NLL	3.5	N	Y	2.3	PI88788
Rainbow Seeds	4356NRS	3.5	Y	N	2.3	PI88788
Rainbow Seeds	4359NR2Y	3.5	Y	N	2.8	PI88788
Rainbow Seeds	4370NRR	3.7	Y	N	1.7	PI88788
Rainbow Seeds	4373NR2Y	3.7	Y	N	2.5	PI88788
Rainbow Seeds	4377NLL	3.7	N	Y	2.2	PI88788
Rainbow Seeds	4383NRR	3.8	Y	N	2.3	PI88788
Rainbow Seeds	4387NR2Y	3.8	Y	N	2.6	PI88788
Rainbow Seeds	4390NRS	3.9	Y	N	2.8	PI88788
Rainbow Seeds	4391NLL	3.9	N	Y	2.8	PI88788
Rainbow Seeds	4393NR2Y	3.9	Y	N	2.5	PI88788
Sand Seed Service, Inc., 4785 Highway 143 N, Marcus, IA 51035, 712-376-4135, www.sandsofiowa.com						
Sands of Iowa	STAR 3023N RR2Y	3.0	Y	N	3.0	PI88788
Sands of Iowa	STAR 3457N RR2Y	3.4	Y	N	2.5	PI88788
Sands of Iowa	SOI 3422N RR	3.4	Y	N	2.0	PI88788
Sands of Iowa	SOI 3711N LL	3.7	N	Y	2.5	PI88788
Schillinger Genetics, 4401 Westown Parkway, Suite 225, West Des Moines, IA 50266, 515-225-6134, www.emergegenetics.com						
eMerge	e3011	3.0	N	N	2.8	PI88788
eMerge	e3211	3.2	N	N	2.1	PI88788
eMerge	348.TCS	3.4	N	N	2.8	PI88788
eMerge	e3520	3.5	N	N	Not Given	PI88788
eMerge	389F.YC	3.7	N	N	Not Given	PI88788
eMerge	388.TC	3.8	N	N	Not Given	PI88788

Table 3. Soybean cyst nematode-resistant soybean varieties for maturity group III (continued).

Brand	Variety or Product	Relative Maturity	Glyphosate Resistant (Y or N)	LibertyLink® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Steyer Seeds, 6154 N CR 33, Tiffin, OH 44883, 800-231-4274, www.steyerseeds.com						
Steyer Seeds	3001R2	3.0	Y	N	Not Given	PI88788
Steyer Seeds	3050RR	3.0	Y	N	2.0	PI88788
Steyer Seeds	3102R2	3.1	Y	N	2.0	PI88788
Steyer Seeds	3203R2	3.2	Y	N	2.0	PI88788
Steyer Seeds	3204R2	3.2	Y	N	2.0	PI88788
Steyer Seeds	3401R2	3.4	Y	N	Not Given	PI88788
Steyer Seeds	3402R2	3.4	Y	N	Not Given	PI88788
Steyer Seeds	3403R2	3.4	Y	N	2.0	PI88788
Steyer Seeds	3404R2	3.4	Y	N	1.0	PI88788
Steyer Seeds	3490RR	3.4	Y	N	2.0	PI88788
Steyer Seeds	3501R2	3.5	Y	N	1.0	PI88788
Steyer Seeds	3602R2	3.6	Y	N	Not Given	PI88788
Steyer Seeds	3603R2	3.6	Y	N	Not Given	PI88788
Steyer Seeds	3801R2	3.8	Y	N	Not Given	PI88788
Steyer Seeds	3802R2	3.8	Y	N	Not Given	PI88788
Steyer Seeds	3803R2	3.8	Y	N	Not Given	PI88788
Steyer Seeds	3830RR	3.8	Y	N	Not Given	PI88788
Steyer Seeds	3901R2	3.9	Y	N	Not Given	PI88788
Steyer Seeds	3902R2	3.9	Y	N	2.0	PI88788
Stine Seed Company, 22555 Larado Trail, Adel, IA 50003, 515-677-2605, www.stinseed.com						
Stine	30RA02	3.0	Y	N	3.0	PI88788
Stine	30LC28	3.0	N	Y	3.0	PI88788
Stine	33RA02	3.3	Y	N	3.0	PI88788
Stine	33LA23	3.3	N	Y	5.0	PI88788
Stine	3522-4	3.5	Y	N	3.0	PI88788
Stine	35RA02	3.5	Y	N	3.0	PI88788
Stine	37RC82	3.7	Y	N	4.0	PI88788
Stine	37LA02	3.7	N	Y	5.0	PI88788
Stine	37LA82	3.7	N	Y	4.0	PI88788
Stine	37LA92	3.7	N	Y	3.0	PI88788
Stine	3923-4	3.9	Y	N	3.0	PI88788
Stine	39RA20	3.9	Y	N	3.0	PI88788
Stine	39LC08	3.9	N	Y	4.0	PI88788
Stine	39LC82	3.9	N	Y	4.0	PI88788
Syngenta Seeds, 11055 Wayzata Boulevard, Minnetonka, MN 55305-1526, 612-656-8600, www.syngentaseeds.com						
NK	S30-F5 Brand	3.0	Y	N	2.5	PI88788
NK	S31-L7 Brand	3.1	Y	N	2.0	PI88788
NK	S34-N3 Brand	3.4	Y	N	2.0	PI88788
NK	S35-T9 Brand	3.5	Y	N	4.0	PI88788
NK	S37-P5 Brand	3.7	Y	N	3.0	PI88788
NK	S37-F7 Brand	3.7	Y	N	3.5	PI88788
NK	S38-K6 Brand	3.8	Y	N	2.0	PI88788
NK	S38-H8 Brand	3.8	Y	N	4.0	PI88788
NK	S39-A3 Brand	3.9	Y	N	3.0	PI88788
NK	S39-U2 Brand	3.9	Y	N	2.0	PI88788

Table 3. Soybean cyst nematode-resistant soybean varieties for maturity group III (continued).

Brand	Variety or Product	Relative Maturity	Glyphosate Resistant (Y or N)	LibertyLink® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
University of Missouri, Soybean Breeding-Waters Hall, Columbia, MO 65211						
	Patriot	3.8	N	N	1.7	PI88788
Welter Seed Co., 17724 Highway 136, Onslow, IA 52321, 563-485-2762, www.welterseed.com						
Welter Seed	WS 3720	3.7	N	N	2.3	PI88788
Winfield Solutions-CROPLAN GENETICS, 1080 Country Road F West, Shoreview, MN 55126, 651-494-5208, www.croplangenetics.com						
CROPLAN GENETICS	R2C3120	3.1	Y	N	4.0	PI88788
CROPLAN GENETICS	R2C3290	3.2	Y	N	4.0	PI88788

Disclaimer

The lists in this publication are not complete. Although sincere effort was made to contact all companies offering SCN-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.

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... and justice for all

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Contact Information

Albert Lea Seed House, 1414 W. Main, P.O. Box 127,
Albert Lea, MN 56007, 800-352-5247, www.alseed.com

Burrus Hybrids, 826 Arenzville Road, Arenzville, IL 62611,
217-997-5511, www.burrusseed.com

Champion Seed, 3069 330th Street, Ellsworth, IA 50075,
888-417-2004, www.championseedofiowa.com

Davis Seed Co., 20847 Highway J5T, Moravia, IA 52571,
641-724-9090

Dairyland Seed Co., P.O. Box 958, West Bend, WI 53095,
800-236-0163, www.dairylandseed.com

Dyna-Gro Seed, c/o Crop Production Services, 3005 Rocky
Mountain Avenue, Loveland, CO 80538, 970-685-3300,
www.dynagroseed.com

Federal Hybrids, Inc., P.O. Box 17, 209 3rd Street NE,
West Bend, IA 50597, 515-887-5888, www.federalhybrids.com

Fontanelle, 1955 E. Military Avenue, Fremont, NE 68025,
800-279-4353, www.fontanelle.com

Four Star Seed Company, 2929 335th Street, Logan,
IA 51546, 712-644-1400, www.4starseed.com

Great Lakes Hybrids, 9915 West M-21, Ovid, MI 48866,
800-257-7333, www.greatlakeshybrids.com

Gold Country Seed, 16506 Highway 15 North, Hutchinson,
MN 55350, 320-587-1050 or 800-795-8544,
www.goldcountryseed.com

GROWMARK, Inc., 1701 Towanda Avenue, Bloomington,
IL 61702, 309-557-6399, www.fsseed.com

Iowa State University, Office of Intellectual Property and
Technology Transfer, 310 Lab of Mechanics, Ames,
IA 50011-2131, 515-294-9442

Jacobsen Hybrids, 128 9th Street, P.O. Box 379, Lake View,
IA 51450, 712-665-2841, www.jacobsenseed.com

Kruger Seeds, P.O. Box A, Dike, IA 50624, 800-772-2721,
www.krugerseed.com

Kussmaul Seed Co., 9020 Highway 18, Mt. Hope, WI 53816,
608-988-4568, www.kussmaulseeds.com

Latham Hi-Tech Seeds, 131 180th Street, Alexander, IA 50420,
800-798-3258, www.lathamseeds.com

Legend Seeds, 103 Highway 14, DeSmet, SD 57231,
800-678-3346, www.legendseeds.net

Lewis Hybrids, 530 West Maple Avenue, Ursa, IL 62376,
217-964-2131, www.lewishybrids.com

LG Seeds, 22827 Shissler Road, Elmwood, IL 61529,
800-752-6847, www.lgseeds.com

Merschman Seeds, Inc., 103 Avenue D, West Point, IA 52656,
800-848-7333, www.merschmanseeds.com

MFA Incorporated, 201 Ray Young Drive, Columbia,
MO 65201, 573-876-5490, www.morsoy.com

Monsanto Company, 800 N. Lindbergh Boulevard, St. Louis,
MO 63167, www.asgrow.com or www.monsanto.com

Munson Hybrids, Inc., 1262 Knox Road 100 East, Galesburg,
IL 61401, 309-343-8410, www.munsonhybrids.com

Mustang Seeds, 306 S. Washington, Madison, SD 57042,
605-256-6529, www.mustangseeds.com

Naylor Seed, 16600 116th Avenue, Scotch Grove, IA 52310,
319-465-3035, www.naylorseed.com

NorthStar Genetics, 217 Main Street, Wanamingo, MN 55983,
507-824-2878, www.northstargenetics.com

NuTech Seed LLC, 36131 Highway 69N, Forest City, IA 50436,
800-942-6748, www.yieldleader.com

Pioneer Hi-Bred, 9131 Northpark Drive, Johnston, IA 50131,
www.pioneer.com

Pfister Seeds LLC, 187 N. Fayette Street, El Paso, IL 61738,
309-527-6000, www.pfisterseeds.com

Prairie Brand Seed, 11261 U.S. Highway 69, Story City,
IA 50248, 515-733-2101, www.prairiebrandseed.com

Producers Hybrids, P.O. Box C, Battle Creek, NE 68715,
888-675-3190, www.producershybrids.com

Rainbow Seeds, 1816 Highway 163, Oskaloosa, IA 52577,
800-373-9401

Renze Seeds, 124 South Main, Templeton, IA 51463,
712-669-3301, www.renzeseeds.com

Sand Seed Service, Inc., 4785 Highway 143 N, Marcus,
IA 51035, 712-376-4135, www.sandsofiowa.com

Schillinger Genetics, 4401 Westown Parkway, Suite 225,
West Des Moines, IA 50266, 515-225-6134,
www.emergegenetics.com

Steyer Seeds, 6154 N CR 33, Tiffin, OH 44883, 800-231-4274,
www.steyerseeds.com

Stine Seed Company, 22555 Larado Trail, Adel, IA 50003,
515-677-2605, www.stinseed.com

Syngenta Seeds, 11055 Wayzata Boulevard, Minnetonka,
MN 55305-1526, 612-656-8600, www.syngentaseeds.com

Trelay Seed Company, 11623 Highway 80, Livingston,
WI 53554, 608-943-6450, www.trelay.com

University of Missouri, Soybean Breeding-Waters Hall,
Columbia, MO 65211

Welter Seed Co., 17724 Highway 136, Onslow, IA 52321,
563-485-2762, www.welterseed.com

Wensman Seed Company, 63585 West Highway 10,
P.O. Box 190, Wadena, MN 56482, 800-456-4894,
www.wensmanseed.com

Winfield Solutions-CROPLAN GENETICS, 1080 Country
Road F West, Shoreview, MN 55126, 651-494-5208,
www.croplangenetics.com