



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 in the table 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 4 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 farmers. Most of the SCN-resistant varieties are resistant to glyphosate, and several varieties possess LibertyLink® herbicide resistance.

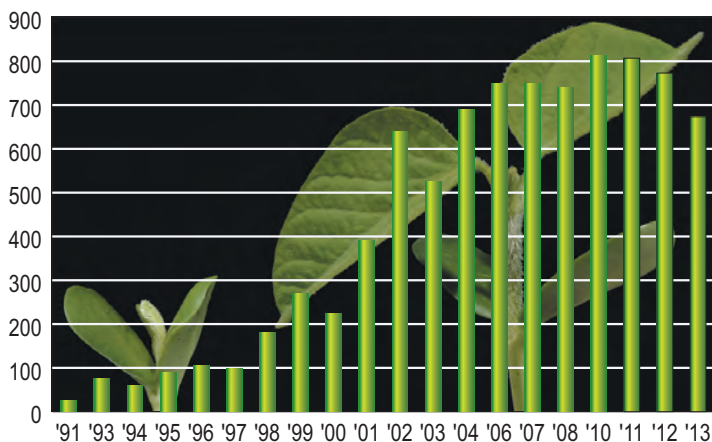


Figure 1. Number of maturity group O, I, II, and III SCN-resistant soybean varieties available to Iowa soybean farmers, 1991–2012 (data unavailable for 1992, 2005, and 2009).

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 farmers 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 farmers 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, farmers must consider the effectiveness of the varieties in suppressing reproduction of the nematode. SCN populations may not be kept in check 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, farmers should consider how

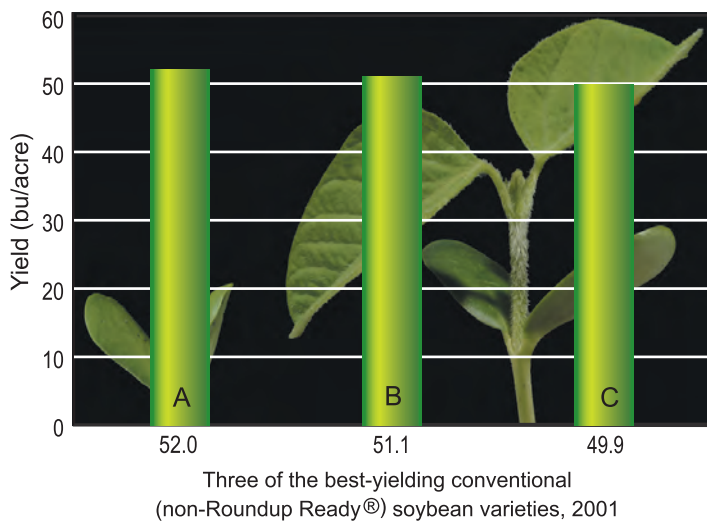


Figure 2. Yield of the three best-yielding conventional (non-Roundup Ready®) soybean varieties, designated A, B, and C, in a north-central Iowa variety trial location. The least-significant-difference value ($P = 0.05$) was 4.9.

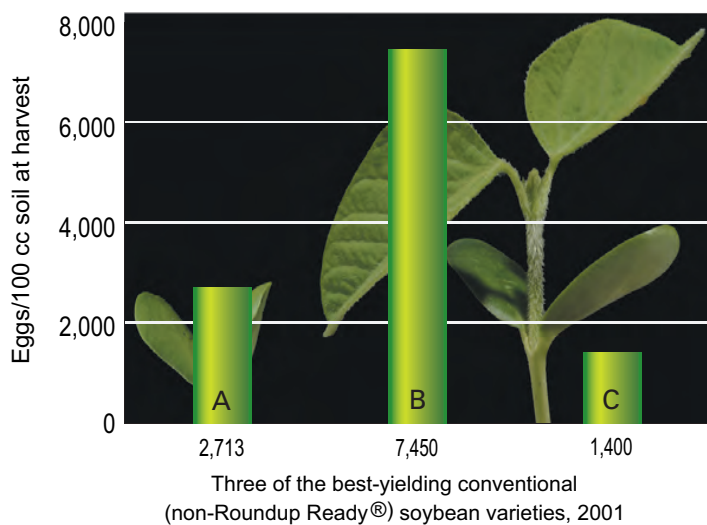


Figure 3. End-of-season SCN egg population densities in plots of the three best-yielding conventional (non-Roundup Ready®) soybean varieties, designated A, B, and C, in a north-central Iowa variety trial location. The least-significant-difference value ($P = 0.05$) was 5,430.

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 farmers 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. Farmers 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 farmers attempt to manage the different types or sources 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 farmers 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 farmers 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.

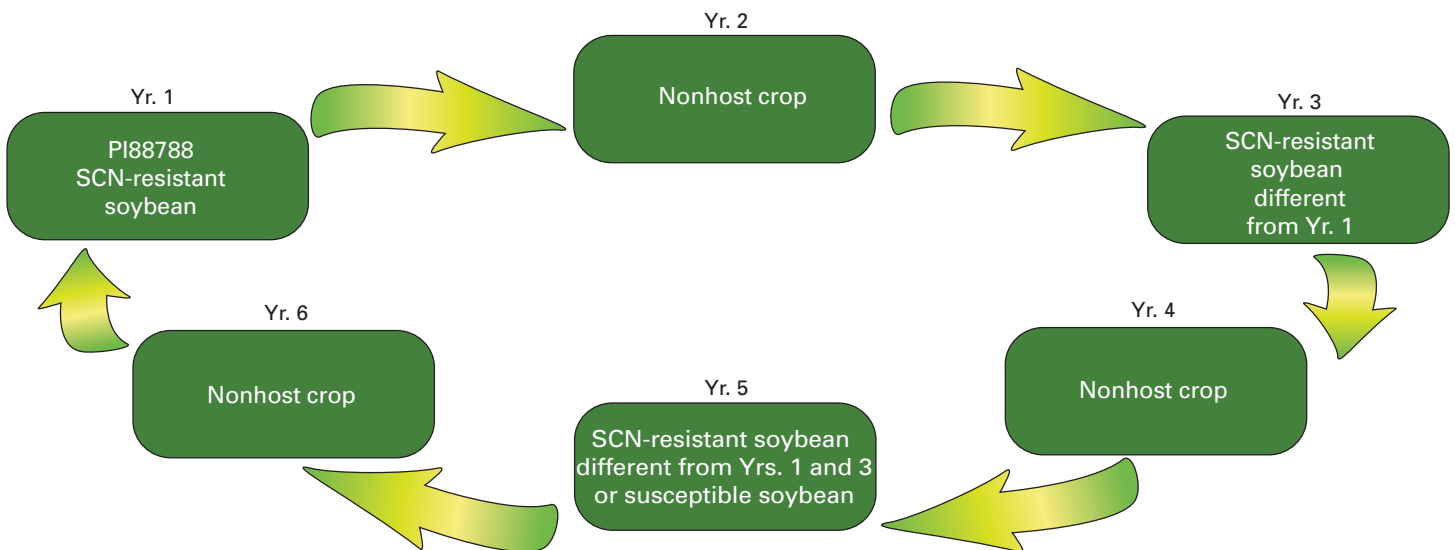


Figure 4. Recommended crop rotation for fields with *low* or *moderate* SCN population densities.

Table 1. Soybean cyst nematode-resistant soybean varieties for 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	0878R2N	0.8	Y	N	2.3	PI88788
Viking	1234R2N	1.2	Y	N	2.4	PI88788
Viking	L140N	1.4	N	Y	1.9	PI88788
Viking	1522R2N	1.5	Y	N	2.1	PI88788
Viking	1707R2N	1.7	Y	N	2.0	PI88788
Viking	L188N	1.8	N	Y	2.2	PI88788
Viking	1908CNRR	1.9	Y	N	2.5	PI88788
Viking	1984R2N	1.9	Y	N	2.0	PI88788
Champion Seed, 3069 330th Street, Ellsworth, IA 50075, 888-417-2004, www.championseedofiowa.com						
Champion Seed	19R72N	1.9	Y	N	1.5	PI88788
Champion Seed	191NR	1.9	Y	N	2.1	PI88788
CROPLAN by WinField™, 1080 Country Road F West, Shoreview, MN 55126, 651-494-5208, www.winfield.com/Farmer/Croplan						
CROPLAN®	R2C1750	1.8	Y	N	2.0	PI88788
CROPLAN®	R2C1873	1.8	Y	N	3.0	PI88788
CROPLAN®	R2C1869	1.8	Y	N	3.0	PI88788
CROPLAN®	R2C1972	1.9	Y	N	3.0	PI88788
Curry, 701 North Walnut, P.O. Box 517, Elk Point, SD 57025, 888-287-7973, www.curryseed.com						
Curry	1061	0.6	Y	N	2.0	Peking
Curry	1103	1.0	Y	N	2.0	PI88788
Curry	1128	1.2	Y	N	4.0	PI88788
Curry	1182	1.8	Y	N	3.0	PI88788
Curry	1187	1.8	Y	N	2.0	PI88788
Dairyland Seed Co., P.O. Box 958, West Bend, WI 53095, 800-236-0163, www.dairylandseed.com						
Dairyland	DSR-1515/R2Y	1.5	Y	N	2.4	PI88788
Dairyland	DSR-1710/R2Y	1.7	Y	N	2.0	PI88788
Dairyland	DSR-1808/R2Y	1.8	Y	N	2.9	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
Federal Hybrids	F183NRR2Y	1.8	Y	N	2.4	PI88788
Great Lakes Hybrids, 9915 W. M-21 Highway, Ovid, MI 48866, 989-834-2251, www.greatlakeshybrids.com						
Great Lakes Hybrids	1689R2	1.6	Y	N	2.1	PI88788
Great Lakes Hybrids	1849R2	1.8	Y	N	2.6	PI88788
Great Lakes Hybrids	1929R2	1.9	Y	N	2.3	PI88788
GROWMARK, Inc., 1701 Towanda Avenue, Bloomington, IL 61702, 309-557-6399, www.fsseed.com						
FS HiSOY®	HS 15A32	1.5	Y	N	2.0	PI88788
FS HiSOY®	HS 19A32	1.9	Y	N	2.5	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	IA1022	1.0	N	N	Not Given	PI88788
ISU	IA1009	1.0	N	N	Not Given	PI88788
Kruger Seeds, P.O. Box A, Dike, IA 50624, 800-772-2721, www.krugerseed.com						
Kruger	K2-1901	1.9	Y	N	2.5	PI88788
Kruger	K2-1902	1.9	Y	N	2.5	PI88788
Kusssmaul Seed Co., 9020 Highway 18, Mt. Hope, WI 53816, 608-988-4568, www.kusssmaulseeds.com						
Kusssmaul Seeds	KS-2805RR	0.5	Y	N	1.9	PI88788
Kusssmaul Seeds	KS-2809RR	0.9	Y	N	2.3	PI88788
Kusssmaul Seeds	KS-2812RR	1.2	Y	N	2.5	PI88788
Kusssmaul Seeds	KS-2815RR	1.5	Y	N	2.4	PI88788

Table 1. Soybean cyst nematode-resistant soybean varieties for 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
Latham Hi-Tech Seeds, 131 180th Street, Alexander, IA 50420, 800-798-3258, www.lathamseeds.com						
LATHAM	L0648R2	0.6	Y	N	2.0	PI88788
LATHAM	L0885R2	0.8	Y	N	2.5	PI88788
LATHAM	L1084R2	1.0	Y	N	2.2	PI88788
LATHAM	L1568R2	1.5	Y	N	2.7	PI88788
LATHAM	L1585R2	1.5	Y	N	2.0	PI88788
LATHAM	L1783R2	1.7	Y	N	1.9	PI88788
LATHAM	L1868L	1.8	N	Y	2.2	PI88788
LATHAM	L1948R2	1.9	Y	N	2.3	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 1172LLN	1.1	N	Y	1.5	PI88788
Legend Seeds	LS 14R22N	1.4	Y	N	2.0	PI88788
Legend Seeds	LS 1532LLN	1.5	N	Y	2.0	PI88788
Legend Seeds	LS 17R23N	1.7	Y	N	2.2	PI88788
Legend Seeds	LS 18R24N	1.8	Y	N	2.3	PI88788
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	C1530R2	1.5	Y	N	1.8	PI88788
LG Seeds	C1665R2	1.6	Y	N	2.5	PI88788
LG Seeds	C1780R2	1.7	Y	N	2.2	PI88788
LG Seeds	C1826LL	1.8	N	Y	1.8	PI88788
LG Seeds	C1917R2	1.9	Y	N	2.3	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	AG1733	1.7	Y	N	2.0	PI88788
Asgrow	AG1832	1.8	Y	N	2.0	PI88788
Munson Hybrids, Inc., 1262 Knox Road 100 E, Galesburg, IL 61401, 309-343-8410, www.munsonhybrids.com						
Munson Hybrids, Inc.	8109LL	1.0	N	Y	1.6	PI88788
Munson Hybrids, Inc.	8153R2Y	1.5	Y	N	2.1	PI88788
Munson Hybrids, Inc.	8159LL	1.5	N	Y	1.9	PI88788
Munson Hybrids, Inc.	8194R2Y	1.9	Y	N	2.3	PI88788
Munson Hybrids, Inc.	8190LL	1.9	N	Y	2.2	PI88788
NorthStar Genetics, 217 Main Street, Wanamingo, MN 55983, 507-824-2878, www.northstargenetics.com						
NorthStar Genetics	NS 0328NLL	0.3	N	Y	1.8	PI88788
NorthStar Genetics	NS 0567NLL	0.5	N	Y	1.8	PI88788
NorthStar Genetics	NS 1128NLL	1.0	N	Y	1.8	PI88788
NorthStar Genetics	NS 1249NR2	1.2	Y	N	2.4	PI88788
NorthStar Genetics	NS 1388NR2	1.3	Y	N	2.1	PI88788
NorthStar Genetics	NS 1528NRR	1.5	Y	N	2.1	PI88788
NorthStar Genetics	NS 1726NR2	1.7	Y	N	1.7	PI88788
NorthStar Genetics	NS 1916NR2	1.9	Y	N	2.4	PI88788
NuTech Seed LLC, 2321 North Loop Drive, Suite 230, Ames, IA 50010, 800-942-6748, www.yieldleader.com						
7063™		0.6	Y	N	2.0	Peking
7110™		1.0	Y	N	1.0	Peking
3103L™		1.0	N	Y	2.0	PI88788
7171™		1.7	Y	N	2.5	PI88788
7186™		1.7	Y	N	3.0	Peking
7183™		1.8	Y	N	2.5	PI88788
3181L™		1.8	N	Y	2.5	PI88788

Table 1. Soybean cyst nematode-resistant soybean varieties for 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
Pfister Seeds LLC, 201 Knollwood, Suite A, Champaign, IL 61820, 800-647-3478, www.pfisterseeds.com						
Pfister	15R29	1.5	Y	N	3.0	PI88788
Pfister	17R27	1.7	Y	N	3.0	PI88788
Pioneer Hi-Bred, 9131 Northpark Drive, Johnston, IA 50131, www.pioneer.com						
Pioneer	91Y80	1.8	Y	N	Not Given	PI88788
Pioneer	P19T01R	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-00844R2	0.08	Y	N	1.8	PI88788
Prairie Brand	PB-0609R2	0.6	Y	N	2.5	PI88788
Prairie Brand	PB-0777R2	0.7	Y	N	2.4	PI88788
Prairie Brand	PB-0863R2	0.8	Y	N	2.6	PI88788
Prairie Brand	PB-0879NRR2	1.0	Y	N	2.5	PI88788
Prairie Brand	PB-1234R2	1.2	Y	N	2.5	PI88788
Prairie Brand	PB-1539R2	1.5	Y	N	2.4	PI88788
Prairie Brand	PB-1566R2	1.5	Y	N	2.1	PI88788
Prairie Brand	PB-1843R2	1.8	Y	N	2.2	PI88788
Prairie Brand	PB-1722R2	1.9	Y	N	2.9	PI88788
Prairie Brand	PB-1982R2	1.9	Y	N	2.3	PI88788
Producers Hybrids, P.O. Box C, Battle Creek, NE 68715, 888-675-3190, www.producershybrids.com						
Producers Hybrids	0801NR2	0.8	Y	N	2.0	PI88788
Producers Hybrids	1002NR2	1.0	Y	N	1.0	PI88788
Producers Hybrids	1202NR2	1.3	Y	N	2.0	Peking
Producers Hybrids	1409NR2	1.4	Y	N	3.0	PI88788
Producers Hybrids	1601NR2	1.6	Y	N	2.0	PI88788
Producers Hybrids	1801NR2	1.8	Y	N	2.0	PI88788
Producers Hybrids	1900NR2	1.9	Y	N	2.0	PI88788
Sand Seed Service, Inc., 4785 Highway 143 N, Marcus, IA 51035, 712-376-4135, www.sandsofiowa.com						
SANDS OF IOWA	STAR 1741N RR2Y	1.7	Y	N	2.0	PI88788
SANDS OF IOWA	STAR 1752NN RR2Y	1.9	Y	N	3.0	PI88788
SANDS OF IOWA	STAR 2013N RR2Y	1.9	Y	N	2.0	PI88788
Stine Seed Company, 22555 Laredo 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	02LD02	0.2	N	Y	3.0	PI88788
Stine	04LD62	0.4	N	Y	2.0	PI88788
Stine	06LC26	0.6	N	Y	2.0	PI88788
Stine	06LD02	0.6	N	Y	3.0	PI88788
Stine	08LD02	0.8	N	Y	3.0	PI88788
Stine	13RD20	1.3	Y	N	3.0	PI88788
Stine	13RA02	1.3	Y	N	3.0	PI88788
Stine	14RD62	1.4	Y	N	2.0	PI88788
Stine	14LD32	1.4	N	Y	3.0	PI88788
Stine	15LD20	1.5	N	Y	3.0	PI88788
Stine	15LC23	1.5	N	Y	3.0	PI88788
Stine	15RD26	1.5	Y	N	2.0	PI88788
Stine	16RA02	1.6	Y	N	3.0	PI88788
Stine	17LD02	1.7	N	Y	3.0	PI88788
Stine	19RA02	1.9	Y	N	3.0	PI88788

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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
Syngenta Seeds, 11055 Wayzata Boulevard, Minnetonka, MN 55305-1526, 612-656-8600, www.syngentaseeds.com						
NK	S06-H5 Brand	0.6	Y	N	1.5	PI88788
NK	S17-B3 Brand	1.7	Y	N	2.5	PI88788
NK	S17-G8 Brand	1.7	Y	N	1.5	PI88788
NK	S18-C2 Brand	1.8	Y	N	1.5	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 3062NR2	0.6	Y	N	1.0	PI88788
Wensman Seed Company	W 3090NR2	0.8	Y	N	2.0	PI88788
Wensman Seed Company	W 3102NR2	1.0	Y	N	1.0	PI88788
Wensman Seed Company	W 3121NR2	1.2	Y	N	1.0	PI88788
Wensman Seed Company	W 3142NR2	1.4	Y	N	2.0	PI88788
Wensman Seed Company	W 3160NR2	1.6	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	L200N	2.0	N	Y	2.5	PI88788
Viking	2078N	2.0	N	N	2.5	PI88788
Viking	2144R2N	2.1	Y	N	2.3	PI88788
Champion Seed, 3069 330th Street, Ellsworth, IA 50075, 888-417-2004, www.championseedofiowa.com						
Champion Seed	X204N	2.0	Y	N	2.3	PI88788
Champion Seed	2013NLL	2.0	N	Y	1.3	PI88788
Champion Seed	2154CN	2.1	N	N	2.3	PI88788
Champion Seed	22R32N	2.2	Y	N	1.4	PI88788
Champion Seed	EQ22R04N	2.2	Y	N	1.7	PI88788
Champion Seed	2313NLL	2.3	N	Y	2.8	PI88788
Champion Seed	23R73N	2.3	Y	N	2.1	PI88788
Champion Seed	24R33N	2.4	Y	N	1.7	PI88788
Champion Seed	EQ24R04N	2.4	Y	N	1.9	PI88788
Champion Seed	24R74N	2.4	Y	N	2.3	PI88788
Champion Seed	X254N	2.5	Y	N	1.9	PI88788
Champion Seed	2554CN	2.5	N	N	2.2	PI88788
Champion Seed	25R82N	2.5	Y	N	1.9	PI88788
Champion Seed	2513NLL	2.5	N	Y	2.2	PI88788
Champion Seed	26R83N	2.6	Y	N	2.4	PI88788
Champion Seed	27R84N	2.7	Y	N	2.3	PI88788
Champion Seed	EQ27R04N	2.7	Y	N	1.9	PI88788
Champion Seed	2753CN	2.7	N	N	1.5	PI88788
Champion Seed	282NR	2.8	Y	N	1.7	PI88788
Champion Seed	29R32N	2.9	Y	N	1.7	PI88788
CROPLAN by WinField™, 1080 Country Road F West, Shoreview, MN 55126, 651-494-5208, www.winfield.com/Farmer/Croplan						
CROPLAN®	R2C2072	2.0	Y	N	3.0	PI88788
CROPLAN®	LC2082	2.0	N	Y	2.0	PI88788
CROPLAN®	R2C2120	2.1	Y	N	2.0	PI88788
CROPLAN®	R2C2200	2.1	Y	N	3.0	PI88788
CROPLAN®	R2C2263	2.2	Y	N	3.0	PI88788
CROPLAN®	R2C2400	2.4	Y	N	3.0	PI88788
CROPLAN®	R2C2451	2.4	Y	N	3.0	PI88788
CROPLAN®	R2C2633	2.6	Y	N	4.0	PI88788
CROPLAN®	R2C2800	2.8	Y	N	3.0	PI88788
CROPLAN®	R2C2863	2.8	Y	N	2.0	PI88788
CROPLAN®	R2C2873S	2.8	Y	N	2.0	PI88788
CROPLAN®	R2C2980	2.9	Y	N	5.0	PI88788
CROPLAN®	R2C2992	2.9	Y	N	4.0	PI88788
Curry, 701 North Walnut, P.O. Box 517, Elk Point, SD 57025, 888-287-7973, www.curryseed.com						
Curry	1204	2.0	Y	N	3.0	PI88788
Curry	1212	2.1	Y	N	3.0	PI88788
Curry	1221	2.2	Y	N	3.0	PI88788
Curry	1233	2.3	Y	N	4.0	PI88788
Curry	1245	2.4	Y	N	4.0	PI88788
Curry	1252	2.5	Y	N	3.0	Peking
Curry	1277	2.7	Y	N	3.0	PI88788
Curry	1279	2.7	Y	N	3.0	PI88788
Curry	1289	2.8	Y	N	3.0	PI88788
Curry	1290	2.9	Y	N	3.0	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
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	2.1	PI88788
Dairyland	DSR-2250/R2Y	2.2	Y	N	2.4	PI88788
Dairyland	DSR-2340/R2Y	2.3	Y	N	2.7	PI88788
Dairyland	DSR-2612/R2Y	2.6	Y	N	3.0	PI88788
Dairyland	DSR-2880/R2Y	2.8	Y	N	2.9	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	4425RRR2Y	2.5	Y	N	1.5	PI88788
DAVIS	4327RRR2Y	2.7	Y	N	2.9	PI88788
DAVIS	4427RRR2Y	2.7	Y	N	2.9	PI88788
DAVIS	4228RRR2Y	2.8	Y	N	1.7	PI88788
DAVIS	1328LLCN	2.8	N	Y	2.4	PI88788
DAVIS	4229RRR2Y	2.9	Y	N	2.5	PI88788/Peking
DAVIS	4329RRR2Y	2.9	Y	N	2.5	PI88788
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	F233NRR2Y	2.3	Y	N	2.0	PI88788
Federal Hybrids	F243NRR2Y	2.4	Y	N	2.6	PI88788
Federal Hybrids	F240NRR2Y	2.4	Y	N	2.6	PI88788
Federal Hybrids	F252NRR2Y	2.5	Y	N	2.0	PI88788
Federal Hybrids	F263NRR2Y	2.6	Y	N	2.8	PI88788
Federal Hybrids	F281NRR2Y	2.8	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.	2Y212	2.2	Y	N	1.5	PI88788
Four Star Seed Co.	2Y250	2.5	Y	N	1.7	PI88788
Four Star Seed Co.	2Y260	2.6	Y	N	2.2	PI88788
Four Star Seed Co.	2Y270	2.7	Y	N	2.1	PI88788
Four Star Seed Co.	2Y283	2.8	Y	N	2.1	PI88788
Great Lakes Hybrids, 9915 W M-21 Highway, Ovid, MI 48866, 989-834-2251, www.greatlakeshybrids.com						
Great Lakes Hybrids	2019R2	2.0	Y	N	2.1	PI88788
Great Lakes Hybrids	2069R2	2.0	Y	N	2.4	PI88788
Great Lakes Hybrids	2289R2	2.2	Y	N	2.3	PI88788
Great Lakes Hybrids	2569R2	2.4	Y	N	2.7	PI88788
Great Lakes Hybrids	2739R2	2.7	Y	N	2.4	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 20A22	2.0	Y	N	2.5	PI88788
FS HiSOY®	HS 22A21	2.2	Y	N	2.5	PI88788
FS HiSOY®	HS 24A32	2.4	Y	N	2.0	PI88788
FS HiSOY®	HS 25A22	2.5	Y	N	2.5	PI88788
FS HiSOY®	HS 26A32	2.6	Y	N	3.0	PI88788
FS HiSOY®	HS 28A02	2.8	Y	N	2.2	PI88788
FS HiSOY®	HS 28A32	2.9	Y	N	3.5	PI88788
FS HiSOY®	HS 29C24	2.9	N	N	2.0	PI88788
FS HiSOY®	HS 29A22	2.9	Y	N	3.0	PI88788
FS HiSOY®	HS 29A38	2.9	Y	N	2.5	Peking/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
Jacobsen Hybrids, 128 9th Street, P.O. Box 379, Lake View, IA 51450, 712-665-2841, www.jacobsenseed.com						
Jacobsen	721NR2	2.1	Y	N	1.5	PI88788
Jacobsen	732NR2	2.2	Y	N	2.5	PI88788
Jacobsen	723NR2	2.3	Y	N	1.5	PI88788
Jacobsen	826NR2	2.6	Y	N	2.0	PI88788
Jacobsen	838NR2	2.7	Y	N	2.3	PI88788
Jacobsen	819NR2	2.9	Y	N	2.0	PI88788
Iowa State University, Office of Intellectual Property and Technology Transfer, 310 Lab of Mechanics, Ames, IA 50011-2131, 515-294-9442						
ISU	IA2036	2.0	N	N	Not Given	PI88788
ISU	IA2036LF	2.0	N	N	Not Given	PI88788
ISU	IA2068	2.0	N	N	Not Given	PI88788
ISU	IA2039	2.0	N	N	Not Given	PI88788
ISU	IA2101 SCN	2.0	N	N	Not Given	PI88788
King City Seed, Inc., 4654 U.S. Highway 169, King City, MO 64463, 800-411-5957 or 660-535-4444, www.willcrossseed.com						
Willcross	RY2282N	2.8	Y	N	1.0	PI88788
Kruger Seeds, P.O. Box A, Dike, IA 50624, 800-772-2721, www.krugerseed.com						
Kruger	K2-2002	2.0	Y	N	2.5	PI88788
Kruger	K2-2201	2.2	Y	N	2.5	PI88788
Kruger	K2-2402	2.4	Y	N	2.5	PI88788
Kruger	K2-2503	2.5	Y	N	2.5	PI88788
Kruger	K2-2602	2.6	Y	N	3.5	PI88788
Kruger	K2-2704	2.7	Y	N	2.5	PI88788
Kruger	K2-2803	2.8	Y	N	3.5	PI88788
Kruger	K2-2904	2.9	Y	N	3.0	PI88788
Kruger	K2-2905	2.9	Y	N	2.5	Peking
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
Latham Hi-Tech Seeds, 131 180th Street, Alexander, IA 50420, 800-798-3258, www.lathamseeds.com						
LATHAM	L2083L	2.0	N	Y	1.7	PI88788
LATHAM	L2084R2	2.0	Y	N	2.0	PI88788
LATHAM	L21B53R2	2.1	Y	N	1.9	PI88788
LATHAM	L2183R2	2.1	Y	N	1.5	PI88788
LATHAM	L2185R2	2.1	Y	N	2.5	PI88788
LATHAM	L2258L	2.2	N	Y	2.4	PI88788
LATHAM	L2385R2	2.3	Y	N	2.3	PI88788
LATHAM	L2483R2	2.4	Y	N	2.2	PI88788
LATHAM	L2558L	2.5	N	Y	2.2	PI88788
LATHAM	L2585R2	2.5	Y	N	2.0	PI88788
LATHAM	L2648R2	2.6	Y	N	1.9	PI88788
LATHAM	E2683R2	2.6	Y	N	2.1	PI88788
LATHAM	L2758R2	2.7	Y	N	1.7	PI88788
LATHAM	L2780R2	2.7	Y	N	2.8	PI88788
LATHAM	L2883L	2.8	N	Y	2.1	PI88788
LATHAM	L2885R2	2.8	Y	N	3.0	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
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 20R23N	2.0	Y	N	2.5	PI88788
Legend Seeds	LS 2102LLN	2.0	N	Y	1.5	PI88788
Legend Seeds	LS 22R24N	2.2	Y	N	2.2	PI88788
Legend Seeds	LS 23R22N	2.3	Y	N	2.5	PI88788
Legend Seeds	LS 24R23N	2.4	Y	N	2.2	PI88788
Legend Seeds	LS 25R21N	2.5	Y	N	1.8	PI88788
Legend Seeds	LS 2512LLN	2.5	N	Y	2.1	PI88788
Legend Seeds	LS 26R23N	2.6	Y	N	2.7	PI88788
Legend Seeds	LS 27R24N	2.7	Y	N	2.5	PI88788
Legend Seeds	LS 27R21N	2.7	Y	N	1.5	PI88788
Legend Seeds	LS 28R21N	2.8	Y	N	2.8	PI88788
Legend Seeds	LS 29R24N	2.9	Y	N	1.7	PI88788
LG Seeds, 22827 Shissler Road, Elmwood, IL 61529, 800-752-6847, www.lgseeds.com						
LG Seeds	C2050R2	2.0	Y	N	2.0	PI88788
LG Seeds	C2175R2	2.1	Y	N	1.2	PI88788
LG Seeds	C2259LL	2.2	N	Y	2.3	PI88788
LG Seeds	C2333R2	2.3	Y	N	2.3	PI88788
LG Seeds	C2500R2	2.5	Y	N	2.5	PI88788
LG Seeds	C2588LL	2.5	N	Y	1.7	PI88788
LG Seeds	C2665LL	2.6	N	Y	3.0	PI88788
LG Seeds	C2688R2	2.6	Y	N	2.7	PI88788
LG Seeds	C2835R2	2.8	Y	N	3.2	PI88788
LG Seeds	C2898LL	2.8	N	Y	1.7	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.	Munsee 1421LL	2.1	N	Y	1.6	PI88788
Merschman Seeds, Inc.	Mohegan 1422RR2	2.2	Y	N	2.3	PI88788
Merschman Seeds, Inc.	Apache 1424RR2	2.4	Y	N	2.2	PI88788
Merschman Seeds, Inc.	Comanche 1426LL	2.6	N	Y	2.3	PI88788
Merschman Seeds, Inc.	Sioux 1327LL	2.7	N	Y	2.1	PI88788
Merschman Seeds, Inc.	Mohawk 1427RR2	2.7	Y	N	1.7	PI88788
Merschman Seeds, Inc.	Shawnee 1428RR2	2.8	Y	N	2.6	PI88788
Merschman Seeds, Inc.	Cherokee 1429RR2	2.9	Y	N	2.2	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	AG2134	2.1	Y	N	2.5	PI88788
Asgrow	AG2232	2.2	Y	N	2.0	PI88788
Asgrow	AG2433	2.4	Y	N	2.0	PI88788
Asgrow	AG2534	2.5	Y	N	2.0	PI88788
Asgrow	AG2632	2.6	Y	N	2.0	PI88788
Asgrow	AG2731	2.7	Y	N	3.0	PI88788
Asgrow	AG2733	2.7	Y	N	2.0	PI88788
Asgrow	AG2834	2.8	Y	N	3.0	PI88788
Asgrow	AG2931	2.9	Y	N	2.0	PI88788
Asgrow	AG2933	2.9	Y	N	3.0	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 E, Galesburg, IL 61401, 309-343-8410, www.munsonhybrids.com						
Munson Hybrids, Inc.	8244R2Y	2.4	Y	N	2.3	PI88788
Munson Hybrids, Inc.	8263R2Y	2.6	Y	N	2.7	PI88788
Munson Hybrids, Inc.	8284R2Y	2.8	Y	N	2.2	PI88788
Munson Hybrids, Inc.	8289LL	2.8	N	Y	2.1	PI88788
NorthStar Genetics, 217 Main Street, Wanamingo, MN 55983, 507-824-2878, www.northstargenetics.com						
NorthStar Genetics	NS 2077NR2	2.0	Y	N	2.2	PI88788
NorthStar Genetics	NS 2199NR2	2.1	Y	N	2.5	PI88788
NorthStar Genetics	NS 2377NR2	2.3	Y	N	1.7	PI88788
NuTech Seed LLC, 2321 North Loop Drive, Suite 230, Ames, IA 50010, 800-942-6748, www.yieldleader.com						
	7208™	2.0	Y	N	3.0	PI88788
	7213™	2.1	Y	N	2.5	PI88788
	3223L™	2.2	N	Y	3.0	PI88788
	7230™	2.3	Y	N	4.0	PI88788
	7240™	2.4	Y	N	2.0	Peking
	3243L™	2.4	N	Y	2.5	PI88788
	7250™	2.5	Y	N	3.0	Peking
	7261™	2.6	Y	N	2.5	PI88788
	3248L™	2.6	N	Y	3.0	PI88788
	7273™	2.7	Y	N	2.5	PI88788
	3273L™	2.7	N	Y	2.5	PI88788
	7286™	2.8	Y	N	3.5	PI88788
	7290™	2.9	Y	N	2.5	PI88788
Pfister Seeds LLC, 201 Knollwood, Suite A, Champaign, IL 61820, 800-647-3478, www.pfisterseeds.com						
Pfister	20R23	2.0	Y	N	3.0	PI88788
Pfister	22R20	2.2	Y	N	2.5	PI88788
Pfister	24R22	2.4	Y	N	2.5	PI88788
Pfister	24R29	2.4	Y	N	2.5	PI88788
Pfister	26R29	2.6	Y	N	2.0	PI88788
Pfister	28R25	2.8	Y	N	2.5	PI88788/Peking
Pfister	28R21	2.8	Y	N	2.5	PI88788
Pioneer Hi-Bred, 9131 Northpark Drive, Johnston, IA 50131, www.pioneer.com						
Pioneer	92Y11	2.1	Y	N	Not Given	Peking
Pioneer	P21T97R	2.1	Y	N	Not Given	PI88788
Pioneer	92Y21	2.2	N	N	Not Given	PI88788
Pioneer	92Y22	2.2	Y	N	Not Given	PI88788
Pioneer	P22T69R	2.2	Y	N	Not Given	Peking
Pioneer	92Y32	2.3	Y	N	Not Given	PI88788
Pioneer	P24T19R	2.4	Y	N	Not Given	PI88788
Pioneer	92Y51	2.5	Y	N	Not Given	PI88788
Pioneer	92Y53	2.5	Y	N	Not Given	Peking
Pioneer	P25T51R	2.5	Y	N	Not Given	PI88788
Pioneer	92Y60	2.6	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
Pioneer	92Y83	2.8	Y	N	Not Given	PI88788
Pioneer	P28T33R	2.8	Y	N	Not Given	PI88788
Pioneer	P29T98R	2.9	Y	N	Not Given	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
Prairie Brand Seed, 11261 U.S. Highway 69, Story City, IA 50248, 515-733-2101, www.prairiebrandseed.com						
Prairie Brand	PB-2024R2	2.0	Y	N	2.2	PI88788
Prairie Brand	PB-2042R2	2.0	Y	N	2.2	PI88788
Prairie Brand	PB-2099NRR2	2.0	Y	N	2.2	PI88788
Prairie Brand	PB-2136R2	2.1	Y	N	2.4	PI88788
Prairie Brand	PB-2198R2	2.1	Y	N	2.3	Peking
Prairie Brand	PB-2230R2	2.1	Y	N	2.2	PI88788
Prairie Brand	PB-2351R2	2.3	Y	N	3.4	PI88788
Prairie Brand	PB-2484R2	2.4	Y	N	2.1	PI88788
Prairie Brand	PB-2468R2	2.4	Y	N	2.8	PI88788
Prairie Brand	PB-2506R2	2.5	Y	N	2.1	PI88788
Prairie Brand	PB-2544R2	2.5	Y	N	2.1	PI88788
Prairie Brand	PB-2626R2	2.6	Y	N	3.2	PI88788
Prairie Brand	PB-2668R2	2.6	Y	N	2.6	PI88788
Prairie Brand	PB-2788R2	2.7	Y	N	2.3	PI88788
Prairie Brand	PB-2743R2	2.7	Y	N	3.2	PI88788
Prairie Brand	PB-2798R2	2.7	Y	N	3.0	PI88788
Prairie Brand	PB-2886R2	2.8	Y	N	2.8	PI88788
Prairie Brand	PB-2997R2	2.9	Y	N	2.2	PI88788
Producers Hybrids, P.O. Box C, Battle Creek, NE 68715, 888-675-3190, www.producershybrids.com						
Producers Hybrids	2101NR2	2.1	Y	N	1.0	PI88788
Producers Hybrids	2302NR2	2.3	Y	N	3.0	PI88788
Producers Hybrids	2500NR2	2.5	Y	N	1.0	PI88788
Producers Hybrids	2702NR2	2.7	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	4242NR2Y	2.4	Y	N	1.7	PI88788
Rainbow Seeds	4255NRR	2.5	Y	N	1.5	PI88788
Rainbow Seeds	4260NR2Y	2.6	Y	N	2.7	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	4296NR2Y	2.9	Y	N	1.9	PI88788
Sand Seed Service, Inc., 4785 Highway 143 N, Marcus, IA 51035, 712-376-4135, www.sandsofiowa.com						
SANDS OF IOWA	STAR 2135N RR2Y	2.0	Y	N	1.5	PI88788
SANDS OF IOWA	SOI 2067N LL	2.0	N	Y	1.5	PI88788
SANDS OF IOWA	STAR 2208N RR2Y	2.2	Y	N	2.0	PI88788
SANDS OF IOWA	STAR 2227N RR2Y	2.2	Y	N	2.0	PI88788
SANDS OF IOWA	STAR 2322N RR2Y	2.3	Y	N	2.0	PI88788
SANDS OF IOWA	SOI 2635N LL	2.6	N	Y	2.5	PI88788
SANDS OF IOWA	STAR 2804N RR2Y	2.8	Y	N	2.0	PI88788
Schillinger Genetics, 4401 Westown Parkway, Suite 225, West Des Moines, IA 50266, 515-225-6134, www.emergegenetics.com						
eMerge	e2062	2.0	N	N	1.8	PI88788
eMerge	e2162	2.1	N	N	1.8	PI88788
eMerge	e2282	2.2	N	N	1.6	PI88788
eMerge	e2611	2.6	N	N	3.1	PI88788
eMerge	e2782	2.7	N	N	3.1	PI88788
eMerge	289TC	2.8	N	N	2.2	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 Laredo Trail, Adel, IA 50003, 515-677-2605, www.stinseed.com						
Stine	20RC32	2.0	Y	N	3.0	PI88788
Stine	20RD20	2.0	Y	N	3.0	PI88788
Stine	20LD02	2.0	N	Y	3.0	PI88788
Stine	21LD02	2.1	N	Y	3.0	PI88788
Stine	22RC62	2.2	Y	N	2.0	PI88788
Stine	22LD23	2.2	N	Y	3.0	PI88788
Stine	23RA22	2.3	Y	N	2.0	PI88788
Stine	2420-4	2.4	Y	N	3.0	PI88788
Stine	24RB00	2.4	Y	N	3.0	PI88788
Stine	26RD02	2.6	Y	N	3.0	PI88788
Stine	29RD22	2.9	Y	N	3.0	PI88788
Stine	29RD02	2.9	Y	N	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	S22-S1 Brand	2.2	Y	N	2.0	PI88788
NK	S23-P8 Brand	2.3	Y	N	1.0	PI88788
NK	S25-E5 Brand	2.5	Y	N	2.5	PI88788
NK	S27-H6 Brand	2.7	Y	N	2.5	PI88788
NK	S28-A2 Brand	2.8	Y	N	2.5	PI88788
NK	S29-V2 Brand	2.9	Y	N	2.5	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 3214NR2	2.1	Y	N	1.0	PI88788
Wensman Seed Company	W 3222NR2	2.2	Y	N	2.0	PI88788
Wensman Seed Company	W 3256NR2	2.5	Y	N	1.0	PI88788
Wensman Seed Company	W 3284NR2	2.8	Y	N	3.0	PI88788
Wensman Seed Company	W 3200NR2	2.0	Y	N	2.0	PI88788
Wensman Seed Company	W 3210NR2	2.1	Y	N	2.0	PI88788
Wensman Seed Company	W 3212NR2	2.1	Y	N	1.0	PI88788
Wensman Seed Company	W 3222NR2	2.2	Y	N	2.0	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

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	30R84N	3.0	Y	N	2.5	PI88788
Champion Seed	31R34N	3.1	Y	N	2.9	PI88788
Champion Seed	3113NLL	3.1	N	Y	2.2	PI88788
Champion Seed	33R83N	3.3	Y	N	2.4	PI88788
Champion Seed	34R64N	3.4	Y	N	1.7	PI88788
CROPLAN by WinField™, 1080 Country Road F West, Shoreview, MN 55126, 651-494-5208, www.winfield.com/Farmer/Croplan						
CROPLAN®	R2C3000	3.0	Y	N	3.0	PI88788
CROPLAN®	R2C3002	3.0	Y	N	3.0	PI88788
CROPLAN®	R2C3113	3.1	Y	N	4.0	PI88788
CROPLAN®	R2C3273	3.2	Y	N	3.0	PI88788
CROPLAN®	R2C3290	3.2	Y	N	4.0	PI88788
CROPLAN®	R2C3300	3.3	Y	N	3.0	PI88788
CROPLAN®	R2C3461	3.4	Y	N	3.0	PI88788
CROPLAN®	LC3781	3.7	N	Y	3.0	PI88788
CROPLAN®	R2C3800	3.8	Y	N	3.0	PI88788
CROPLAN®	R2C3822	3.8	Y	N	3.0	PI88788
CROPLAN®	R2C3992	3.9	Y	N	4.0	PI88788
Curry, 701 North Walnut, P.O. Box 517, Elk Point, SD 57025, 888-287-7973, www.curryseed.com						
Curry	1301	3.0	Y	N	4.0	PI88788
Curry	1311	3.1	Y	N	4.0	PI88788
Curry	1327	3.2	Y	N	3.0	PI88788
Curry	1336	3.3	Y	N	4.0	PI88788
Curry	1357	3.5	Y	N	4.0	PI88788
Curry	1388	3.8	Y	N	4.0	PI88788
Curry	1392	3.9	Y	N	3.0	PI88788
Dairyland Seed Co., P.O. Box 958, West Bend, WI 53095, 800-236-0163, www.dairylandseed.com						
Dairyland	DSR-3019/R2Y	3.0	Y	N	2.8	PI88788
Dairyland	DSR-3216/R2Y	3.2	Y	N	2.3	PI88788
Dairyland	DSR-3232/R2Y	3.4	Y	N	2.4	PI88788
Dairyland	DSR-3595/R2Y	3.5	Y	N	3.0	PI88788
Dairyland	DSR-3703/R2Y	3.7	Y	N	2.9	PI88788
Davis Seed Co., 20847 Highway J5T, Moravia, IA 52571, 641-724-9090						
DAVIS	4331RR2Y	3.1	Y	N	2.8	PI88788
DAVIS	1432LLCN	3.2	N	Y	2.4	PI88788
DAVIS	4232RR2Y	3.2	Y	N	1.8	PI88788
DAVIS	4234RR2Y	3.4	Y	N	2.5	PI88788
DAVIS	D-344CN	3.4	Y	N	2.8	PI88788
DAVIS	1035LLCN	3.5	N	Y	2.3	PI88788
DAVIS	4236RR2Y	3.6	Y	N	2.0	PI88788
DAVIS	4436RR2Y	3.6	Y	N	2.2	PI88788
DAVIS	4336RR2Y	3.6	Y	N	1.7	PI88788
DAVIS	3038RRCNS	3.8	Y	N	2.4	PI88788
DAVIS	4138RR2Y	3.8	Y	N	2.1	PI88788
DAVIS	4339RR2Y	3.9	Y	N	2.5	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
Federal Hybrids	F343NRR2Y	3.4	Y	N	2.5	PI88788
Four Star Seed Company, 2929 335th Street, Logan, IA 51546, 712-644-1400, www.4starseed.com						
Four Star Seed Co.	2313	3.1	Y	N	2.4	PI88788
Four Star Seed Co.	2Y330	3.3	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
Great Lakes Hybrids, 9915 W M-21 Highway, Ovid, MI 48866, 989-834-2251, www.greatlakeshybrids.com						
Great Lakes Hybrids	3069R2	3.0	Y	N	2.7	PI88788
Great Lakes Hybrids	3159R2	3.1	Y	N	2.4	PI88788
Great Lakes Hybrids	3289R2	3.2	Y	N	2.2	PI88788
Great Lakes Hybrids	3429R2	3.4	Y	N	2.2	PI88788
Great Lakes Hybrids	3609R2	3.6	Y	N	2.3	PI88788
Great Lakes Hybrids	3729R2	3.7	Y	N	2.7	PI88788
GROWMARK, Inc., 1701 Towanda Avenue, Bloomington, IL 61702, 309-557-6399, www.fsseed.com						
FS HiSOY®	HS 30A22	3.0	Y	N	2.5	PI88788
FS HiSOY®	HS 31A32	3.1	Y	N	3.5	PI88788
FS HiSOY®	HS 33A02	3.3	Y	N	3.3	PI88788
FS HiSOY®	HS 33A32	3.4	Y	N	3.0	PI88788
FS HiSOY®	HS 34A22	3.4	Y	N	2.9	PI88788
FS HiSOY®	HS 34C90	3.5	N	N	2.7	PI88788
FS HiSOY®	HS 35A32	3.5	Y	N	2.5	PI88788
FS HiSOY®	HS 37L12	3.7	N	Y	3.5	PI88788
FS HiSOY®	HS 37A22	3.7	Y	N	2.5	PI88788
FS HiSOY®	HS 38A22	3.8	Y	N	2.5	PI88788
FS HiSOY®	HS 38A32	3.8	Y	N	Not Given	PI88788
FS HiSOY®	HS 38C60	3.8	N	N	3.1	PI88788
FS HiSOY®	HS 38L32	3.8	N	Y	1.5	PI88788
FS HiSOY®	HS 39A22	3.9	Y	N	Not Given	PI88788
Iowa State University, Office of Intellectual Property and Technology Transfer, 310 Lab of Mechanics, Ames, IA 50011-2131, 515-294-9442						
ISU	IA3014	3.0	N	N	Not Given	PI88788
ISU	IA3015	3.0	N	N	Not Given	PI88788
ISU	IA3005	3.0	N	N	Not Given	PI88788
ISU	IAR3001 Phyto SCN	3.0	N	N	Not Given	PI438489B/PI90363
ISU	IA3048	3.0	N	N	Not Given	PI88788
Jacobsen Hybrids, 128 9th Street, P.O. Box 379, Lake View, IA 51450, 712-665-2841, www.jacobsenseed.com						
Jacobsen	931NR2	3.1	Y	N	3.0	PI88788
King City Seed, Inc., 4654 U.S. Highway 169, King City, MO 64463, 800-411-5957 or 660-535-4444, www.willcrossseed.com						
Willcross	LL1331N	3.1	N	Y	2.0	PI 88788
Willcross	RY2321N	3.2	Y	N	2.0	PI 88788
Willcross	RY2342N	3.4	Y	N	2.0	PI 88788
Willcross	RY2361N	3.6	Y	N	1.0	PI 88788
Kruger Seeds, P.O. Box A, Dike, IA 50624, 800-772-2721, www.krugerseed.com						
Kruger	K2-3004	3.0	Y	N	2.5	PI88788
Kruger	K2-3103	3.1	Y	N	2.5	PI88788
Kruger	K2-3104	3.1	Y	N	2.5	PI88788
Kruger	K2-3203	3.2	Y	N	2.5	PI88788
Kruger	K2-3402	3.4	Y	N	3.0	PI88788
Kruger	K2-3502	3.5	Y	N	3.0	PI88788
Kruger	K2-3701	3.7	Y	N	Not Given	PI88788
Kruger	K2-3702	3.7	Y	N	3.5	PI88788
Kruger	K2-3802	3.8	Y	N	3.5	PI88788
Kruger	K2-3803	3.8	Y	N	2.5	PI88788
Kruger	K2-3804	3.8	Y	N	2.5	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
Latham Hi-Tech Seeds, 131 180th Street, Alexander, IA 50420, 800-798-3258, www.lathamseeds.com						
LATHAM	L3058R2	3.0	Y	N	2.8	PI88788
LATHAM	L3158L	3.1	N	Y	2.1	PI88788
LATHAM	L3184R2	3.1	Y	N	3.2	PI88788
LATHAM	L3238R2	3.2	Y	N	2.2	PI88788
LATHAM	L3385R2	3.3	Y	N	2.4	PI88788
LATHAM	L3358L	3.3	N	Y	2.7	PI88788
LG Seeds, 22827 Shissler Road, Elmwood, IL 61529, 800-752-6847, www.lgseeds.com						
LG Seeds	C3044R2	3.0	Y	N	1.7	PI88788
LG Seeds	C3111R2	3.1	Y	N	2.6	PI88788
LG Seeds	C3114LL	3.1	N	Y	1.7	PI88788
LG Seeds	C3220R2	3.2	Y	N	1.5	PI88788
LG Seeds	C3266R2	3.2	Y	N	2.3	PI88788
LG Seeds	C3399R2	3.3	Y	N	2.4	PI88788
LG Seeds	C3434LL	3.4	N	Y	1.8	PI88788
LG Seeds	C3466R2	3.4	Y	N	2.4	PI88788
LG Seeds	C3554	3.5	N	N	4.1	PI88788
LG Seeds	C3616R2	3.6	Y	N	1.8	PI88788
LG Seeds	C3666R2	3.6	Y	N	1.8	PI88788
LG Seeds	C3707LL	3.7	N	Y	2.4	PI88788
LG Seeds	C3740R2	3.7	Y	N	2.5	PI88788
LG Seeds	C3770R2	3.7	Y	N	2.4	PI88788
LG Seeds	C3884N	3.8	N	N	Not Given	PI88788
LG Seeds	C3890R2	3.8	Y	N	2.6	PI88788
LG Seeds	C3989R2	3.9	Y	N	3.7	PI88788
Merschman Seeds, Inc., 103 Avenue D, West Point, IA 52656, 800-848-7333, www.merschmanseeds.com						
Merschman Seeds, Inc.	McKinley 1230LL	3.0	N	Y	2.2	PI88788
Merschman Seeds, Inc.	Arthur 1431RR2	3.1	Y	N	3.2	PI88788
Merschman Seeds, Inc.	Hoover 1433RR2	3.3	Y	N	3.1	PI88788
Merschman Seeds, Inc.	Adams 1434LL	3.4	N	Y	2.7	PI88788
Merschman Seeds, Inc.	Coolidge 1234RR2Y	3.4	Y	N	2.4	PI88788
Merschman Seeds, Inc.	Roosevelt 1435RR2	3.5	Y	N	2.5	PI88788
Merschman Seeds, Inc.	Grant 1236LL	3.6	N	Y	2.2	PI88788
Merschman Seeds, Inc.	Jefferson 1436LL	3.6	N	Y	2.3	PI88788
Merschman Seeds, Inc.	Kennedy 1436RR2	3.6	Y	N	2.4	PI88788
Merschman Seeds, Inc.	Eisenhower 1438RR2	3.8	Y	N	3.0	PI88788
Merschman Seeds, Inc.	Truman 938LL	3.8	N	Y	2.8	PI88788
Merschman Seeds, Inc.	Truman 1438LL	3.8	N	Y	2.4	PI88788
Merschman Seeds, Inc.	Washington 1438RR2	3.8	Y	N	Not Given	PI88788
Merschman Seeds, Inc.	Garfield 1439RR2	3.9	Y	N	Not Given	PI88788
MFA Incorporated, 201 Ray Young Drive, Columbia, MO 65201, 573-876-5490, www.morsoy.com						
MorSoy	R2 36X82N	3.6	Y	N	4.0	PI88788
MorSoy	LL 3759N	3.7	N	Y	2.0	PI88788
MorSoy	R2 37X41N	3.7	Y	N	2.0	PI88788
MorSoy	R2 38X52N	3.8	Y	N	3.0	PI88788
MorSoy	3919N	3.9	N	N	3.0	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
Monsanto Company, 800 N. Lindbergh Boulevard, St. Louis, MO 63167, www.ASGROW.com or www.monsanto.com						
Asgrow	AG3034	3.0	Y	N	2.0	PI88788
Asgrow	AG3231	3.2	Y	N	3.0	PI88788
Asgrow	AG3334	3.3	Y	N	2.0	PI88788
Asgrow	AG3431	3.4	Y	N	3.0	PI88788
Asgrow	AG3432	3.4	Y	N	3.0	PI88788
Asgrow	AG3533	3.5	Y	N	3.0	PI88788
Asgrow	AG3634	3.6	Y	N	3.0	PI88788
Asgrow	AG3734	3.7	Y	N	4.0	PI88788
Asgrow	AG3832	3.8	Y	N	3.0	PI88788
Asgrow	AG3833	3.8	Y	N	2.0	PI88788
Asgrow	AG3931	3.9	Y	N	3.0	PI88788
Asgrow	AG3934	3.9	Y	N	3.0	PI88788
Munson Hybrids, Inc., 1262 Knox Road 100 E, Galesburg, IL 61401, 309-343-8410, www.munsonhybrids.com						
Munson Hybrids, Inc.	8304R2Y	3.0	Y	N	2.6	Peking/PI88788
Munson Hybrids, Inc.	8324R2Y	3.2	Y	N	3.2	PI88788
Munson Hybrids, Inc.	8327	3.2	N	N	3.0	PI88788
Munson Hybrids, Inc.	8343R2Y	3.4	Y	N	2.3	PI88788
Munson Hybrids, Inc.	8340LL	3.4	N	Y	2.7	PI88788
Munson Hybrids, Inc.	8364R2Y	3.6	Y	N	3.1	PI88788
Munson Hybrids, Inc.	8368	3.6	N	N	3.2	PI88788
NuTech Seed LLC, 2321 North Loop Drive, Suite 230, Ames, IA 50010, 800-942-6748, www.yieldleader.com						
7310™		3.1	Y	N	3.5	PI88788
7323™		3.2	Y	N	3.5	PI88788
3323L™		3.2	N	Y	2.5	PI88788
7334™		3.3	Y	N	2.5	PI88788
7342™		3.4	Y	N	3.5	PI88788
3343L™		3.4	N	Y	1.5	PI88788
7360™		3.6	Y	N	3.5	PI88788
7373™		3.7	Y	N	3.0	PI88788
3372L™		3.7	N	Y	3.0	PI88788
7380™		3.8	Y	N	3.5	PI88788
7390™		3.9	Y	N	3.0	PI88788
7393™		3.9	Y	N	3.5	PI88788
3393L™		3.9	N	Y	3.0	PI88788
Pfister Seeds LLC, 201 Knollwood, Suite A, Champaign, IL 61820, 800-647-3478, www.pfisterseeds.com						
Pfister	30R22	3.0	Y	N	2.0	PI88788
Pfister	30R25	3.0	Y	N	2.5	PI88788
Pfister	34R20	3.4	Y	N	2.5	PI88788
Pfister	35R25	3.5	Y	N	2.5	PI88788
Pfister	36R29	3.6	Y	N	2.5	PI88788
Pfister	37R23	3.7	Y	N	Not Given	PI88788
Pfister	38R21	3.8	Y	N	2.5	PI88788
Pfister	38R25	3.8	Y	N	Not Given	PI88788
Pfister	39R20	3.9	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
Pioneer Hi-Bred, 9131 Northpark Drive, Johnston, IA 50131, www.pioneer.com						
Pioneer	93Y05	3.0	Y	N	Not Given	PI88788
Pioneer	93Y13	3.1	Y	N	Not Given	PI88788
Pioneer	93Y15	3.1	Y	N	Not Given	PI88788
Pioneer	93Y22	3.2	Y	N	Not Given	PI88788
Pioneer	93Y21	3.2	N	N	Not Given	PI88788
Pioneer	P33T89R	3.3	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	P35T58R	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	93Y84	3.8	Y	N	Not Given	PI88788
Pioneer	93Y82	3.8	Y	N	Not Given	PI88788
Pioneer	P39T67R	3.9	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-2905R2	3.0	Y	N	2.3	PI88788
Prairie Brand	PB-3124R2	3.1	Y	N	3.2	PI88788
Prairie Brand	PB-3342R2	3.3	Y	N	3.3	PI88788
Prairie Brand	PB-3455R2	3.4	Y	N	3.0	PI88788
Prairie Brand	PB-3527R2	3.5	Y	N	3.1	PI88788
Prairie Brand	PB-3699R2	3.6	Y	N	2.4	PI88788
Prairie Brand	PB-3878R2	3.8	Y	N	3.5	PI88788
Prairie Brand	PB-3982R2	3.9	Y	N	3.4	PI88788
Producers Hybrids, P.O. Box C, Battle Creek, NE 68715, 888-675-3190, www.producershybrids.com						
Producers Hybrids	3002NR2	3.0	Y	N	3.0	PI88788
Producers Hybrids	3101NR2	3.1	Y	N	3.0	PI88788
Producers Hybrids	3300NR2	3.3	Y	N	3.0	PI88788
Producers Hybrids	3602NR2	3.6	Y	N	3.0	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	4323NR2Y	3.2	Y	N	1.9	PI88788
Rainbow Seeds	4340NR2Y	3.4	Y	N	2.3	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	4360RR2Y	3.6	Y	N	1.8	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 3201N RR2Y	3.2	Y	N	3.0	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
Schillinger Genetics, 4401 Westown Parkway, Suite 225, West Des Moines, IA 50266, 515-225-6134, www.emergegenetics.com						
eMerge	e3011	3.0	N	N	3.1	PI88788
eMerge	e3032	3.0	N	N	3.1	PI88788
eMerge	e3282	3.2	N	N	3.2	PI88788
eMerge	348.TCS	3.4	N	N	2.8	PI88788
eMerge	e3520	3.5	N	N	Not Given	PI88788
eMerge	e3782S	3.7	N	N	Not Given	PI88788
eMerge	e3792	3.7	N	N	Not Given	PI88788
eMerge	389F.YC	3.7	N	N	Not Given	PI88788
Stine Seed Company, 22555 Laredo Trail, Adel, IA 50003, 515-677-2605, www.stinseed.com						
Stine	30RD02	3.0	Y	N	3.0	PI88788
Stine	30RD22	3.0	Y	N	3.0	PI88788
Stine	30LC28	3.0	N	Y	3.0	PI88788
Stine	31LD23	3.1	N	Y	3.0	PI88788
Stine	32LD23	3.2	N	Y	3.0	PI88788
Stine	33RD02	3.3	Y	N	3.0	PI88788
Stine	3522-4	3.5	Y	N	3.0	PI88788
Stine	35RA02	3.5	Y	N	3.0	PI88788
Stine	36RD02	3.6	Y	N	3.0	PI88788
Stine	37RC82	3.7	Y	N	4.0	PI88788
Stine	37RD22	3.7	Y	N	3.0	PI88788
Stine	37LA02	3.7	N	Y	3.0	PI88788
Stine	37LA82	3.7	N	Y	3.0	PI88788
Stine	38RD02	3.8	Y	N	3.0	PI88788
Stine	3923-4	3.9	Y	N	3.0	PI88788
Stine	39LC82	3.9	N	Y	4.0	PI88788
Stine	39LD02	3.9	N	Y	3.0	PI88788
Syngenta Seeds, 11055 Wayzata Boulevard, Minnetonka, MN 55305-1526, 612-656-8600, www.syngentaseeds.com						
NK	S30-E9 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	S34-Z1 Brand	3.4	Y	N	1.5	PI88788
NK	S35-C3 Brand	3.5	Y	N	3.0	PI88788
NK	S36-M8 Brand	3.6	Y	N	2.5	PI88788
NK	S38-W4 Brand	3.8	Y	N	3.0	PI88788
NK	S39-U2 Brand	3.9	Y	N	2.0	PI88788
University of Missouri, Soybean Breeding-Waters Hall, Columbia, MO 65211						
	Patriot	3.8	N	N	1.7	PI88788

Contact Information

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

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

CROPLAN by WinField™, 1080 Country Road F West,
Shoreview, MN 55126, 651-494-5208,
www.winfield.com/Farmer/Croplan

Curry, 701 North Walnut, P.O. Box 517, Elk Point, SD 57025,
888-287-7973, www.curryseed.com

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

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

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

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

Great Lakes Hybrids, 9915 W M-21 Highway, Ovid, MI
48866, 989-834-2251, www.greatlakeshybrids.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

King City Seed, Inc., 4654 U.S. Highway 169, King City,
MO 64463, 800-411-5957 or 660-535-4444,
www.willcrossseed.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

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 E, Galesburg,
IL 61401, 309-343-8410, www.munsonhybrids.com

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

NuTech Seed LLC, 2321 North Loop Drive, Suite 230, Ames,
IA 50010, 800-942-6748, www.yieldleader.com

Pfister Seeds LLC, 201 Knollwood, Suite A, Champaign,
IL 61820, 800-647-3478, www.pfisterseeds.com

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

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

Stine Seed Company, 22555 Laredo 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

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

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

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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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