

Soybean cyst nematode-resistant soybean varieties for Iowa

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Soybean cyst nematode (SCN) is widespread in Iowa. The nematode reproduces quickly (several life cycles per season), survives in the soil for up to 10 years 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 ISU SCN-resistant Soybean Variety Trial Program in 2007 in which resistant and susceptible varieties were grown. On average, the SCN-resistant soybean varieties yielded 7 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 4,700 to more than 15,000 eggs per 100 cc 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
Albert City, IA	63.0	51.8	2,004	15,188
Urbana, IA	59.5	52.6	1,126	4,781

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 now possess the Roundup Ready® trait, and several of the resistant varieties possess the low-linolenic acid trait.

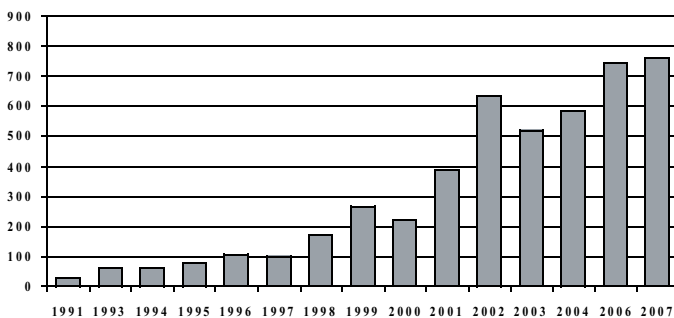


Figure 1. Number of maturity group O, I, II, and III SCN-resistant soybean varieties available to Iowa soybean growers, 1991–2007 (data unavailable for 1992 and 2005).

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 non-infested fields. Consequently, many SCN-resistant soybean varieties are evaluated each year in the Iowa State University (ISU) SCN-resistant Soybean Variety Trials. 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 (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 Trials 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 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.

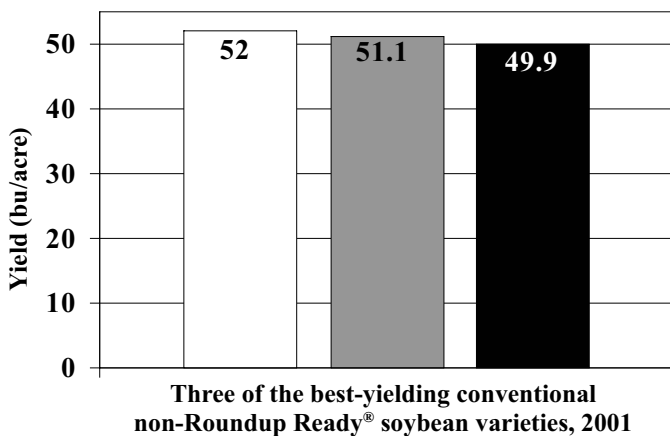


Figure 2. Yield of the three best-yielding conventional (non-Roundup Ready®) soybean varieties in a north-central Iowa variety trial location in 2001. The least-significant-difference value was 4.9.

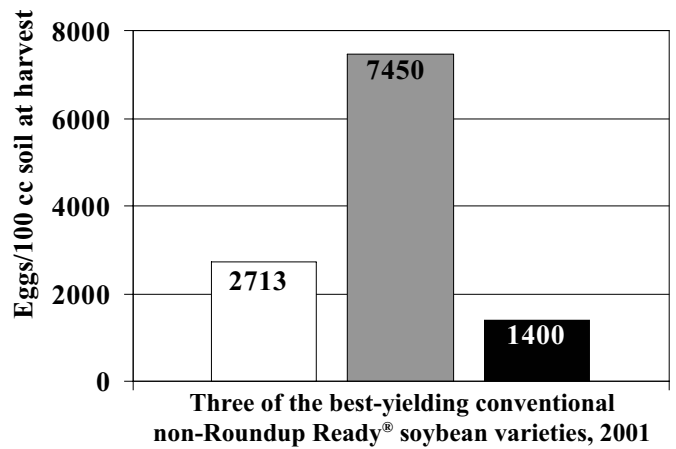


Figure 3. End-of-season SCN egg population densities in plots of the three best-yielding conventional (non-Roundup Ready®) soybean varieties in a north-central Iowa variety trial location in 2001. The least-significant-difference value was 5,430.

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 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 feed 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 SCN populations able to reproduce well on SCN-resistant soybean varieties with PI88788 source of resistance has increased dramatically in the past few years. This may be a consequence of using resistant varieties with PI88788 source of resistance numerous times in the past several years. Unfortunately, of the 763 SCN-resistant soybean varieties included in this publication, only 16 have something other than PI88788 listed as a specific source of resistance.

Iowa State University recommends growing non-host 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 utilize 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

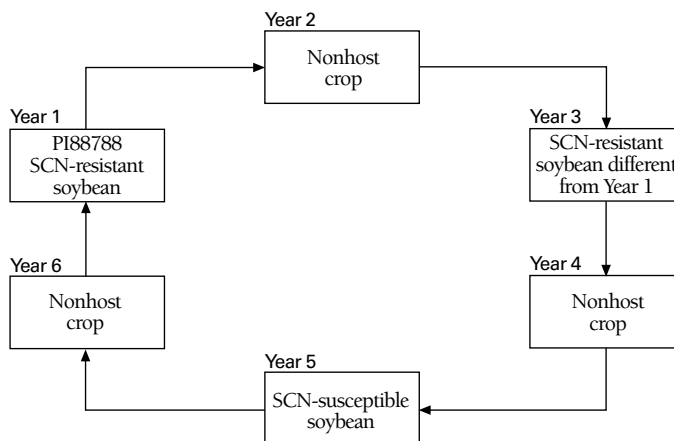


Figure 4. Recommended crop rotation for fields with low or moderate SCN population densities.

of the nematode. The reason for utilizing 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 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 following list 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.

Varieties are arranged in tables by maturity group and brand.

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

Brand	Variety	Relative Maturity	Roundup Ready® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Albert Lea Seed House, 1414 W. Main, Albert Lea, MN 56007, 800-352-5247, seedhouse@alseed, www.alseed.com					
Viking	1788NRR	1.7	Y	2.3	PI88788
Viking	1978CBR	1.9	Y	2.0	Peking/PI88788
Viking	1908CNRR	1.9	Y	2.1	PI88788
Crow's Hybrids, 612 E. Dunlap St., P.O. Box 157, Kentland, IN 47951, 800-331-7201, www.crowshybrid.com					
Crow's Hybrids	C1415R	1.4	Y	2.0	PI88788
Crow's Hybrids	C1615R	1.6	Y	2.0	PI88788
Crow's Hybrids	C1815R	1.8	Y	1.9	PI88788
Dairyland Seed Co., Inc., 3570 Hwy. H, West Bend, WI 53095, 800-236-0163, www.dairylandseed.com					
Dairyland	0401/RR	0.4	Y	2.0	Not Given
Dairyland	0701/RR	0.7	Y	2.1	Not Given
Dairyland	0903/RR	0.9	Y	2.3	Not Given
Dairyland	091/RR	0.9	Y	2.9	Not Given
Dairyland	1301/RR	1.3	Y	2.7	Not Given
Dairyland	1302/RRSTS	1.3	Y	2.5	Not Given
Dairyland	1500/RRSTS	1.5	Y	2.7	Not Given
Dairyland	1601/RR	1.6	Y	2.4	Not Given
Dairyland	1701/RRSTS	1.7	Y	2.4	Not Given
Dairyland	1850/RRSTS	1.9	Y	2.7	Not Given
Dairyland	199/RRSTS	1.9	Y	2.3	Not Given
Dyna-Gro Seeds, 104 Harrison, Emmetsburg, IA 50536, 507-327-8136, www.dynagroseed.com					
Dyna-Gro Seeds	32G06	0.6	Y	1.8	PI88788
Dyna-Gro Seeds	39D11	1.1	Y	1.5	PI88788
Dyna-Gro Seeds	36B14	1.4	Y	1.8	PI88788
Dyna-Gro Seeds	32K16	1.6	Y	1.5	PI88788
Dyna-Gro Seeds	33X19	1.9	Y	1.5	PI88788
Excel Brand, 116 E. State, Camp Point, IL 62320, 800-593-7708					
EXCEL	8196NNRR/STS	1.8	Y	2.3	PI88788
EXCEL	8203HPRR	1.8	Y	2.6	Hartwig/Peking
Farm Advantage, 1275 Hwy. 69, Belmond, IA 50421, 641-444-3344, farmadv@kalnet.com, www.farmadvantage.com					
Farm Advantage	7084N	0.8	Y	2.2	PI88788
Farm Advantage	7174N	1.7	Y	2.5	PI88788
Farm Advantage	7183N	1.8	Y	2.0	PI88788
Farm Advantage	7194N	1.9	Y	2.3	PI88788
Fontanelle Hybrids, 10981 8th St., Fontanelle, NE 68044-2505, 402-721-1410, spike@fontanelle.com, www.fontanelle.com					
Fontanelle	7763 NRR	1.6	Y	2.9	PI88788
Garst Seed Company, 2369 330th Street, Slater, IA 50244, 888-GO-GARST, garstguy@garstseedco.com, www.garstseed.com					
NK	S08-M8	0.8	Y	3.0	PI88788
NK	S13-K2	1.3	Y	3.0	PI88788
NK	H-1604RR	1.6	Y	3.0	PI88788
NK	S17-A1	1.7	Y	4.0	PI88788
NK	S19-L7	1.9	Y	2.0	PI88788
Great Lakes Hybrids, 9915 W M-21, Ovid, MI 48866, 989-834-2251, www.greatlakeshybrids.com					
Great Lakes Hybrids	GL 1809RR	1.8	Y	2.5	PI88788
Hoegemeyer Hybrids, 1755 Hoegemeyer Rd., Hooper, NE 68031, 800-AG Line-1 (245-4631), askus@hoegemeyer.com, www.TheRightSeed.com					
Hoegemeyer Hybrids	181NRR	1.8	Y	2.5	PI88788

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

Brand	Variety	Relative Maturity	Roundup Ready® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Iowa State University Research Foundation, 310 Lab of Mechanics, Ames, IA 50011-2131, 515-294-9442, www.ag.iastate.edu/centers/cad					
ISU	IA1008	1.0	N	3.3	PI88788
ISU	IA1008LF	1.0	N	Not Given	PI88788
ISU	IA1022	1.0	N	3.9	PI88788
Kaltenberg Seeds, P.O. Box 278, 5506 State Rd. 19, Waunakee, WI 53597-0278, 608-849-5021, ksfseeds@chorus.net, www.kaltenbergseeds.com					
Kaltenberg	KB166RR	1.6	Y	2.0	PI88788
Kaltenberg	KB177RR	1.7	Y	2.0	PI88788
Kaltenberg	KB196RR	1.9	Y	2.0	PI88788
Kaltenberg	KC198	1.9	N	3.0	PI88788
Kruger Seeds, Inc., P.O. Box A, Dike, IA 50624, 800-772-2721, info@krugerseed.com, www.krugerseed.com					
Kruger	K-147RR/SCN	1.4	Y	2.0	PI88788
Kruger	K-167RR/SCN	1.6	Y	3.0	PI88788
Kruger	K-170RR/SCN	1.7	Y	3.0	PI88788
Latham Seed Company, 131 180th St., Alexander, IA 50420, 800-798-3258, www.lathamseeds.com					
LATHAM	L1401RX	1.4	Y	2.8	CystX®
LATHAM	E1738R	1.7	Y	2.1	PI88788
LATHAM	L1838R	1.8	Y	2.3	PI88788
LATHAM	E1983R	1.9	Y	2.2	PI88788
LG Seeds, 22827 Shissler Rd., Elmwood, IL 61529, 800-752-6847, info@lgseeds.com, www.lgseeds.com					
LG Seeds	C1945NRR	1.9	Y	1.5	PI88788
Merschman Seeds, Inc., 103 Avenue D, West Point, IA 52626, 319-837-6111, www.merschmanseeds.com					
Merschman	Mars 819RR	1.9	Y	2.2	PI88788
Midwest Seed Genetics, 1617 E 10th St., P.O. Box 518, Carroll, IA 51401, 800-369-8218, www.midwestseed.com					
Midwest Seed Genetics	GR1431	1.4	Y	2.0	PI88788
Midwest Seed Genetics	GR1631	1.6	Y	2.0	PI88788
Midwest Seed Genetics	GR1831	1.8	Y	1.9	PI88788
Monsanto Agriculture Research, 3843 Terrace Hill Dr. NE, Cedar Rapids, IA 52402, 319-350-0744					
ASGROW	AG1802	1.8	Y	2.0	PI88788
Mustang Seeds, 306 S. Washington, Madison, SD 57042, 605-256-6529, www.mustangseeds.com					
Mustang	M-177NRR	1.7	Y	2.2	PI88788
Mustang	M-194NRR	1.9	Y	2.0	PI88788
Mycogen Seeds, 9330 Zionsville Rd., Indianapolis, IN 46268, 800-692-6436, www.mycogen.com					
Atlas	Mycogen 5N152RR	1.5	Y	1.5	PI88788
NC+ Hybrids, 3820 N. 56th St., P.O. Box 4408, Lincoln, NE 68504, 800-279-7999, www.midwestseed.com					
NC+ Hybrids	1A62RR	1.6	Y	2.0	PI88788
NC+ Hybrids	1A81RR	1.8	Y	1.9	PI88788
NuTech Seed LLC, 36131 Hwy. 69N, Forest City, IA 50436, 877-561-9067, www.yieldleader.com					
NuTech	7065	0.6	Y	2.5	PI88788
NuTech	7155	1.5	Y	2.8	PI88788
NuTech	1717RR/SCN	1.7	Y	2.8	PI88788
NuTech	1808RR/SCN	1.8	Y	2.8	PI88788
NuTech	7193+RR/SCN	1.9	Y	2.7	PI88788
Pannar Seed, 40329 US Hwy. 14 East, Huron, SD 57350, 605-352-8791, info@pannarusa.com, www.pannarusa.com					
Pannar	0810NRR	0.8	Y	1.9	PI88788
Pannar	1440NRR	1.4	Y	2.0	PI88788
Pannar	1707NRR	1.8	Y	2.5	PI88788
Pannar	1990NRR	1.9	Y	1.9	PI88788

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

Brand	Variety	Relative Maturity	Roundup Ready® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Pioneer Hi-Bred International, Inc., 8100 South 15th St., Lincoln, NE 68512, 800-228-4050, www.pioneer.com					
Pioneer Hi-Bred Int.	91M61	1.6	Y	2.0	PI88788
Pioneer Hi-Bred Int.	91M80	1.8	Y	3.0	PI88788
Prairie Brand Seed, 15 X Ave., Story City, IA 50248, 515-733-2101, www.prairiebrandseed.com					
Prairie Brand	PB 0885NRR	0.8	Y	2.2	PI88788
Prairie Brand	PB 1557NRR	1.5	Y	2.4	PI88788
Prairie Brand	PB 1585NRR	1.5	Y	1.9	PI88788
Prairie Brand	PB 1885NRR	1.8	Y	2.5	PI88788
Prairie Brand	PB 1887NRR	1.8	Y	2.2	PI88788
Renk Seed, 6809 Wilburn Rd., Sun Prairie, WI 53590, 800-BUY-RENK, arenk@renkseed.com, www.renkseed.com					
Renk Seed	rs115rr	1.1	Y	2.2	PI88788
Renk Seed	rs124nrr	1.2	Y	1.6	PI88788
Renk Seed	rs187nrr	1.8	Y	2.0	PI88788
Renze Hybrids, 27410 Kittyhawk Ave., Carroll, IA 51401, 800-634-2676, renze@netins.net, www.renzehybrids.com					
Renze	R1836SRcn	1.8	Y	2.0	PI88788
Sand Seed Service, Inc., 4765 Hwy. 143, Marcus, IA 51035, 800-352-2225, soi@sandsofiowa.com, www.sandsofiowa.com					
Sands of Iowa	SOI 1867NRR	1.8	Y	2.0	PI88788
Sands of Iowa	SOI 1874NRR	1.8	Y	2.5	PI88788
South Dakota State University, NPB247, Box 2140C, Brookings, SD 57007					
SD Ag. Exp. Station	SD1161RR/SCN	1.9	Y	Not Given	PI88788
Stine Seed Company, 2225 Laredo Trail, Adel, IA 50003, 515-677-2605, info@stineseed.com, www.stineseed.com					
Stine	0562-4	0.5	Y	2.3	PI88788
Stine	1432-4	1.4	Y	2.3	PI88788
Stine	1832-4	1.8	Y	2.5	PI88788
Stine	1932-4	1.9	Y	2.8	PI88788
Trisler Seeds, Inc., 3274 E 800 North Rd., Fairmount, IL 61841, trisler@trisler.com, www.trisler.com					
Trisler	Trisoy 1877RR(CN)	1.8	Y	2.0	PI88788
University of Minnesota, Minnesota Agricultural Experiment Station, St. Paul, MN 55108					
MN Ag. Exp. Station	MN0308CN	0.3	N	2.8	PI88788
MN Ag. Exp. Station	MN0602CN	0.6	N	2.5	PI88788
MN Ag. Exp. Station	MN0606CN	0.6	N	3.5	PI88788
MN Ag. Exp. Station	MN0806CN	0.8	N	2.9	PI88788
MN Ag. Exp. Station	MN 0902CN	0.9	N	2.8	PI88788
MN Ag. Exp. Station	MN1011CN	1.0	N	2.7	PI88788
MN Ag. Exp. Station	Freeborn	1.6	N	2.5	PI88788
MN Ag. Exp. Station	MN1701	1.7	N	3.8	PI88788
Ziller Seed Co., Inc., 76374 380th St., Bird Island, MN 55310, 320-365-3674, zscsales@zillerseed.com, www.zillerseed.com					
Ziller	BT 7062NR	0.6	Y	2.1	PI88788
Ziller	BT 7083NR	0.8	Y	1.9	PI88788
Ziller	BT 7131NR	1.3	Y	1.5	PI88788
Ziller	BT 7156NR	1.5	Y	1.7	PI88788
Ziller	BT 7173NR	1.7	Y	2.1	PI88788
Ziller	BT 7186NR	1.8	Y	1.7	PI88788

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

Brand	Variety	Relative Maturity	Roundup Ready® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Albert Lea Seed House, 1414 W. Main, Albert Lea, MN 56007, 800-352-5247, seedhouse@alseed, www.alseed.com					
Viking	2088NRR	2.0	Y	1.9	PI88788
Viking	2171CN	2.1	N	1.9	Peking
Viking	2238NRR	2.2	Y	2.1	PI88788
Viking	2368CNRR	2.3	Y	2.6	PI88788
Viking	2598NRR	2.5	Y	1.9	PI88788
CROPLAN GENETICS, 1080 County Road F, West, MS5735, Shoreview, MN 55126, 800-851-8810, info@croplangenetics.com, www.croplangenetics.com					
CROPLAN GENETICS	RC2020	2.0	Y	2.5	PI88788
CROPLAN GENETICS	RC2057	2.0	Y	2.3	PI88788
CROPLAN GENETICS	RC2177V	2.1	Y	2.0	PI88788
CROPLAN GENETICS	RC2257	2.2	Y	2.4	PI88788
CROPLAN GENETICS	RC2287	2.2	Y	2.5	PI88788
CROPLAN GENETICS	RC2517	2.5	Y	2.0	PI88788
CROPLAN GENETICS	RC2620	2.6	Y	3.0	PI88788
CROPLAN GENETICS	RC2707	2.7	Y	2.5	PI88788
CROPLAN GENETICS	RC2867	2.8	Y	2.0	PI88788
Crow's Hybrids, 612 E. Dunlap St., P.O. Box 157, Kentland, IN 47951, 800-331-7201, www.crowshybrid.com					
Crow's Hybrids	C2015R	2.0	Y	1.9	PI88788
Crow's Hybrids	C2215R	2.2	Y	1.9	PI88788
Crow's Hybrids	C2216R	2.2	Y	2.2	PI88788
Crow's Hybrids	CV221R	2.2	Y	1.9	PI88788
Crow's Hybrids	C2417R	2.4	Y	2.6	PI88788
Crow's Hybrids	CV241R	2.4	Y	2.8	PI88788
Crow's Hybrids	C2515R	2.5	Y	2.2	PI88788
Crow's Hybrids	C2617R	2.6	Y	2.5	PI88788
Crow's Hybrids	C2718R	2.7	Y	2.5	PI88788
Crow's Hybrids	CV271R	2.7	Y	3.2	PI88788
Crow's Hybrids	C2815R	2.8	Y	2.3	PI88788
Crow's Hybrids	CV281R	2.8	Y	3.2	PI88788
Crow's Hybrids	C2917R	2.9	Y	2.5	PI88788
Crow's Hybrids	C2918R	2.9	Y	1.8	PI88788
Dairyland Seed Co., Inc., 3570 Hwy. H, West Bend, WI 53095, 800-236-0163, www.dairylandseed.com					
Dairyland	2000/RRSTS	2.0	Y	2.2	PI88788
Dairyland	22/STS-UL	2.2	N	2.5	Not Given
Dairyland	2200/RR	2.2	Y	2.4	Not Given
Dairyland	221/RR	2.2	Y	2.4	Not Given
Dairyland	2300/RR	2.3	Y	2.0	Not Given
Dairyland	234/RR	2.3	Y	2.7	Not Given
Dairyland	2600/RR	2.6	Y	2.5	Not Given
Dairyland	2770/RR	2.8	Y	2.0	Not Given
Dairyland	2820/RR	2.8	Y	2.6	Not Given
Dairyland	2850/RRSTSHP	2.8	Y	1.8	Hartwig/Peking
Dairyland	2929/RR	2.9	Y	2.8	PI88788
Dairyland	297/RR	2.9	Y	2.7	Not Given
Davis Seed Company, 20847 Hwy. J5T, Moravia, IA 52571, 641-724-9090					
Davis Seed	3727 RRCN	2.7	Y	2.2	PI88788
Davis Seed	3728 RRCN	2.8	Y	1.7	PI88788
Davis Seed	3629 RRCN	2.9	Y	2.4	PI88788

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

Brand	Variety	Relative Maturity	Roundup Ready® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Dyna-Gro Seeds, 104 Harrison, Emmetsburg, IA 50536, 507-327-8136, www.dynagroseed.com					
Dyna-Gro Seeds	31D20	2.0	Y	1.8	PI88788
Dyna-Gro Seeds	37Y21	2.1	Y	1.5	PI88788
Dyna-Gro Seeds	34B22	2.2	Y	1.5	PI88788
Dyna-Gro Seeds	36F22	2.2	Y	1.5	PI88788
Dyna-Gro Seeds	38G23	2.3	Y	1.8	PI88788
Dyna-Gro Seeds	31K24	2.4	Y	1.8	PI88788
Dyna-Gro Seeds	34Y25	2.5	Y	1.8	PI88788
Dyna-Gro Seeds	31A27	2.7	Y	1.8	PI88788
Dyna-Gro Seeds	33D27	2.7	Y	1.8	PI88788
Dyna-Gro Seeds	35J27	2.7	Y	2.2	PI88788
Dyna-Gro Seeds	36C28	2.8	Y	1.0	PI88788
Dyna-Gro Seeds	39R29	2.9	Y	1.5	PI88788
Dyna-Gro Seeds	35P29	2.9	Y	1.8	PI88788
Excel Brand, 116 E. State, Camp Point, IL 62320, 800-593-7708					
EXCEL	8211NRR	2.1	Y	2.5	PI88788
EXCEL	8236NRR	2.3	Y	2.7	Not Given
EXCEL	7257HPSTS	2.5	N	3.0	Hartwig/Peking
EXCEL	6260N	2.6	N	2.5	PI88788
EXCEL	8260NNRR	2.6	Y	2.7	PI88788
EXCEL	8271NRR	2.7	Y	2.5	PI88788
EXCEL	8274NRR	2.7	Y	2.5	PI88788
EXCEL	6303N	2.8	N	2.9	PI88788
EXCEL	8266NRR	2.8	Y	2.6	PI88788
EXCEL	8288NNRR	2.8	Y	2.8	PI88788
EXCEL	8291NNRR	2.8	Y	2.4	PI88788
Farm Advantage, 1275 Hwy. 69, Belmond, IA 50421, 641-444-3344, farmadv@kalnet.com, www.farmadvantage.com					
Farm Advantage	7204N	2.0	Y	2.5	PI88788
Farm Advantage	2134N	2.1	N	2.2	Peking
Farm Advantage	7214N	2.1	Y	2.2	PI88788
Farm Advantage	7223N	2.2	Y	2.0	PI88788
Farm Advantage	7233N	2.3	Y	2.0	PI88788
Farm Advantage	7254N	2.5	Y	2.0	PI88788
Farm Advantage	7273N	2.7	Y	2.6	PI88788
Farm Advantage	2955N	2.9	N	2.6	PI88788
Farm Advantage	7296N	2.9	Y	3.1	PI88788
Fontanelle Hybrids, 10981 8th St., Fontanelle, NE 68044-2505, 402-721-1410, spike@fontanelle.com, www.fontanelle.com					
Fontanelle	8705 NRR	2.0	Y	2.2	PI88788
Fontanelle	22L19	2.2	Y	1.7	PI88788
Fontanelle	8622 NRR	2.2	Y	1.9	PI88788
Fontanelle	24L47	2.4	Y	2.8	PI88788
Fontanelle	8749 NRR	2.4	Y	1.7	PI88788
Fontanelle	8460 NRR	2.6	Y	2.3	PI88788
Fontanelle	8665 NRR	2.6	Y	1.8	PI88788
Fontanelle	27L44	2.7	Y	Not Given	PI88788
Fontanelle	8777 NRR	2.7	Y	2.2	PI88788
Fontanelle	8687 NRR	2.8	Y	2.5	PI88788
Four Star Seed Company, 2929 335th St., Logan, IA 51546, 712-644-1400, www.4starseed.com					
4 STAR SEED CO.	2123RR	2.1	Y	2.0	PI88788
4 STAR SEED CO.	2251RR	2.4	Y	2.2	PI88788
4 STAR SEED CO.	2262RR	2.6	Y	1.8	PI88788
4 STAR SEED CO.	2271RR	2.6	Y	2.4	PI88788
4 STAR SEED CO.	2285RR	2.8	Y	2.0	PI88788
4 STAR SEED CO.	2291RR	2.9	Y	3.0	PI88788

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

Brand	Variety	Relative Maturity	Roundup Ready® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Garst Seed Company, 2369 330th Street, Slater, IA 50244, 888-GO-GARST, garstguy@garstseedco.com, www.garstseed.com					
Garst	2251RR/N	2.2	Y	1.0	PI88788
NK	S22-F5	2.2	Y	3.0	PI88788
NK	S26-V6	2.6	Y	4.0	PI88788
Garst	2721RR/N	2.7	Y	1.0	PI88788
NK	S28-Y2	2.8	Y	3.0	PI88788
NK	S29-J6	2.9	Y	3.0	PI88788
Golden Harvest, P.O. Box 307, Waterloo, NE 68069, 800-228-9906, www.goldenharvestseeds.com					
NK	H-2694RR	2.6	Y	2.0	PI88788
NK	H-2752RR	2.7	Y	4.0	PI88788
NK	S-29-56	2.9	Y	4.0	PI88788
Great Lakes Hybrids, 9915 W M-21, Ovid, MI 48866, 989-834-2251, www.greatlakeshybrids.com					
Great Lakes Hybrids	GL 2119RR	2.1	Y	2.2	PI88788
Great Lakes Hybrids	GL 2299V2	2.2	Y	1.7	PI88788
Great Lakes Hybrids	GL 2439RR	2.4	Y	2.0	PI88788
Great Lakes Hybrids	GL 2499V2	2.4	Y	Not Given	PI88788
Great Lakes Hybrids	GL 2619RR	2.6	Y	2.5	PI88788
Great Lakes Hybrids	GL 2696V2	2.6	Y	Not Given	PI88788
Great Lakes Hybrids	GL 2719RR	2.7	Y	2.5	PI88788
Great Lakes Hybrids	GL 2799V2	2.7	Y	Not Given	PI88788
Great Lakes Hybrids	GL 2889RR	2.8	Y	Not Given	PI88788
Great Lakes Hybrids	GL 2929RR	2.9	Y	1.5	PI88788
GROWMARK, Inc., 1701 Towanda Avenue, Bloomington, IL 61702, 309-557-6399, HiSOY@growmark.com, www.fsseed.com					
FS HiSOY®	HS 2036	2.0	Y	2.2	PI88788
FS HiSOY®	HS 2166	2.1	Y	2.3	PI88788
FS HiSOY®	HS 22V72	2.2	Y	2.2	PI88788
FS HiSOY®	HS 25R70	2.5	Y	2.6	PI88788
FS HiSOY®	HS 2766	2.7	Y	2.8	PI88788
FS HiSOY®	HS 2846	2.8	Y	2.5	PI88788
FS HiSOY®	HS 2869V	2.8	Y	Not Given	PI88788
FS HiSOY®	HS 2911	2.9	N	3.1	PI88788
Hoegemeyer Hybrids, 1755 Hoegemeyer Rd., Hooper, NE 68031, 800-AG Line-1 (245-4631), askus@hoegemeyer.com, www.TheRightSeed.com					
Hoegemeyer Hybrids	206NRR	2.0	Y	2.1	PI88788
Hoegemeyer Hybrids	239NRR	2.3	Y	1.9	PI88788
Hoegemeyer Hybrids	242NRR	2.4	Y	2.8	PI88788
Hoegemeyer Hybrids	263NRR	2.5	Y	1.8	PI88788
Hoegemeyer Hybrids	279NRR	2.8	Y	1.8	PI88788
Hoegemeyer Hybrids	293NRR	2.9	Y	2.5	PI88788
Iowa State University Research Foundation, 310 Lab of Mechanics, Ames, IA 50011-2131, 515-294-9442, www.ag.iastate.edu/centers/cad					
ISU	IA1022	2.0	N	3.9	PI88788
ISU	AR1	2.0	N	Not Given	PI88788
ISU	IA2036LF	2.0	N	3.3	PI88788
ISU	IA2068	2.7	N	3.1	PI88788
ISU	IA2039	2.8	N	Not Given	PI88788
Kaltenberg Seeds, P.O. Box 278, 5506 State Rd. 19, Waunakee, WI 53597-0278, 608-849-5021, ksfseeds@chorus.net, www.kaltenbergseeds.com					
Kaltenberg	KB226RR	2.2	Y	3.0	PI88788
Kaltenberg	KB237RR	2.3	Y	3.0	PI88788
Kaltenberg	KB247RR	2.4	Y	3.0	PI88788
Kaltenberg	KB249RR	2.4	Y	3.0	PI88788
Kaltenberg	KC240	2.4	N	3.0	PI88788
Kaltenberg	KB257RR	2.5	Y	2.0	PI88788
Kaltenberg	KC269	2.6	N	3.0	PI88788
Kaltenberg	KB278RR	2.7	Y	3.0	PI88788

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

Brand	Variety	Relative Maturity	Roundup Ready® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Kruger Seeds, Inc., P.O. Box A, Dike, IA 50624, 800-772-2721, info@krugerseed.com, www.krugerseed.com					
Kruger	K-195+RR/SCN	2.0	Y	2.5	PI88788
Kruger	K-201RR/SCN	2.0	Y	2.5	PI88788
Kruger	K-204RR/SCN	2.0	Y	2.5	PI88788
Kruger	K-220RR/SCN/LINO	2.2	Y	2.0	PI88788
Kruger	K-222RR/SCN	2.2	Y	2.5	PI88788
Kruger	K-228RR/SCN	2.2	Y	3.0	PI88788
Kruger	K-245RR/SCN/LINO	2.4	Y	2.5	PI88788
Kruger	K-247RR/SCN	2.4	Y	2.0	Peking
Kruger	K-248RR/SCN	2.4	Y	3.0	PI88788
Kruger	K-251RR/SCN	2.5	Y	2.5	PI88788
Kruger	K-263RR/SCN/LINO	2.6	Y	3.5	PI88788
Kruger	K-275RR/SCN	2.6	Y	2.5	PI88788
Kruger	K-272RR/SCN/LINO	2.7	Y	3.0	PI88788
Kruger	K-274RR/SCN	2.7	Y	2.5	PI88788
Kruger	K-278RR/SCN	2.7	Y	3.5	PI88788
Kruger	K-285RR/SCN	2.8	Y	3.0	PI88788
Kruger	K-287RR/SCN	2.8	Y	2.0	PI88788
Kruger	K-283RR/SCN	2.9	Y	2.5	PI88788
Kruger	K-294RR/SCN	2.9	Y	2.5	Peking
Kruger	K-297RR/SCN	2.9	Y	2.0	PI88788
Latham Seed Company, 131 180th St., Alexander, IA 50420, 800-798-3258, www.lathamseeds.com					
LATHAM	L2038R	2.0	Y	2.3	PI88788
LATHAM	L2085R	2.0	Y	2.4	PI88788
LATHAM	L2138	2.1	N	1.9	Peking
LATHAM	L2158R	2.1	Y	1.9	PI88788
LATHAM	E2238RV	2.2	Y	1.7	PI88788
LATHAM	E2285R	2.2	Y	2.2	PI88788
LATHAM	E2348R	2.3	Y	2.1	PI88788
LATHAM	L2380	2.3	N	2.5	PI88788
LATHAM	E2458RV	2.4	Y	2.8	PI88788
LATHAM	E2538R	2.5	Y	2.2	PI88788
LATHAM	E2658R	2.6	Y	2.3	PI88788
LATHAM	L2620RX	2.6	Y	2.6	CystX®
LATHAM	L2780RV	2.7	Y	2.9	PI88788
LATHAM	L2783	2.7	N	2.4	PI88788
LATHAM	E2883R	2.8	Y	1.8	PI88788
LATHAM	E2983R	2.9	Y	1.7	PI88788
LG Seeds, 22827 Shissler Rd., Elmwood, IL 61529, 800-752-6847, info@lgseeds.com, www.lgseeds.com					
LG Seeds	C2239NRR	2.2	Y	1.5	PI88788
LG Seeds	L2250NRR	2.2	Y	1.5	PI88788
LG Seeds	L2450NRR	2.4	Y	3.0	PI88788
LG Seeds	L2650NRR	2.6	Y	3.0	PI88788
LG Seeds	C2662NRR	2.6	Y	3.0	PI88788
LG Seeds	C2777NRR	2.7	Y	2.0	PI88788
LG Seeds	L2850NRR	2.8	Y	3.0	PI88788
LG Seeds	C2873N	2.8	N	2.5	PI88788
LG Seeds	C2985NRR	2.9	Y	2.0	PI88788

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

Brand	Variety	Relative Maturity	Roundup Ready® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Merschman Seeds, Inc., 103 Avenue D, West Point, IA 52626, 319-837-6111, www.merschmanseeds.com					
Merschman	Navaho 720RR	2.0	Y	2.3	PI88788
Merschman	Mohawk 822RRV	2.2	Y	2.0	PI88788
Merschman	Mohegan 823RR	2.3	Y	2.2	PI88788
Merschman	Comanche 725RR	2.5	Y	2.0	PI88788
Merschman	Shawnee 527RR	2.7	Y	2.7	PI88788
Merschman	Cheyenne 827RRV	2.7	Y	2.5	PI88788
Merschman	Chickasaw 728RR	2.8	Y	2.2	PI88788
Merschman	Apache 828RR	2.8	Y	1.5	PI88788
Merschman	Cherokee 729RR	2.9	Y	2.7	PI88788
Midwest Seed Genetics, 1617 E 10th St., P.O. Box 518, Carroll, IA 51401, 800-369-8218, www.midwestseed.com					
Midwest Seed Genetics	GR2031	2.0	Y	1.9	PI88788
Midwest Seed Genetics	GR2231	2.2	Y	1.9	PI88788
Midwest Seed Genetics	GR2233	2.2	Y	2.2	PI88788
Midwest Seed Genetics	RV2290	2.2	Y	1.9	PI88788
Midwest Seed Genetics	GR2432	2.4	Y	2.6	PI88788
Midwest Seed Genetics	RV2490	2.4	Y	2.8	PI88788
Midwest Seed Genetics	GR2531	2.5	Y	2.2	PI88788
Midwest Seed Genetics	GR2633	2.6	Y	2.5	PI88788
Midwest Seed Genetics	GR2731	2.7	Y	2.5	PI88788
Midwest Seed Genetics	RV2790	2.7	Y	3.2	PI88788
Midwest Seed Genetics	GR2831	2.8	Y	2.3	PI88788
Midwest Seed Genetics	RV2890	2.8	Y	3.2	PI88788
Midwest Seed Genetics	GR2933	2.9	Y	2.5	PI88788
Midwest Seed Genetics	GR2934	2.9	Y	1.8	PI88788
Monsanto Agriculture Research, 3843 Terrace Hill Dr. NE, Cedar Rapids, IA 52402, 319-350-0744					
ASGROW	AG2002	2.0	Y	2.0	PI88788
ASGROW	AG2107	2.1	Y	1.5	PI88788
ASGROW	AG2108	2.1	Y	2.0	PI88788
ASGROW	AG2222V	2.2	Y	2.5	PI88788
ASGROW	AG2422V	2.4	Y	2.5	PI88788
ASGROW	AG2423V	2.4	Y	2.5	PI88788
ASGROW	AG2406	2.4	Y	3.0	PI88788
DEKALB	DKB24-52	2.4	Y	2.5	PI88788
ASGROW	AG2521V	2.5	Y	2.5	PI88788
ASGROW	AG2603	2.6	Y	3.5	PI88788
ASGROW	AG2606	2.6	Y	3.0	PI88788
DEKALB	DKB27-52	2.7	Y	2.0	PI88788
ASGROW	AG2822V	2.8	Y	3.0	PI88788
ASGROW	AG2802	2.8	Y	2.0	PI88788
ASGROW	AG2921V	2.9	Y	2.5	PI88788
ASGROW	AG2906	2.9	Y	1.5	PI88788
Munson Hybrids, Inc, 1262 Knox Road 100 E, Galesburg, IL 61401, 309-343-8410, www.munsonhybrids.com					
Munson	8287RR	2.8	Y	2.4	PI88788
Munson	8298RR	2.9	Y	3.0	PI88788
Mustang Seeds, 306 S. Washington, Madison, SD 57042, 605-256-6529, www.mustangseeds.com					
Mustang	M-217NRR	2.1	Y	1.9	PI88788
Mustang	M-228NRR	2.2	Y	2.1	PI88788
Mustang	M-246NRR	2.4	Y	2.7	PI88788
Mustang	M-277NRR	2.7	Y	2.3	PI88788
Mycogen Seeds, 9330 Zionville Rd., Indianapolis, IN 46268, 800-692-6436, www.mycogen.com					
Atlas	Mycogen 5N203RR	2.0	Y	1.5	PI88788
Atlas	Mycogen 5N232RR	2.3	Y	2.0	PI88788
Atlas	Mycogen 5N272RR	2.8	Y	2.0	PI88788

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

Brand	Variety	Relative Maturity	Roundup Ready® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Naylor Seed Co., 16600 116th Ave., Scotch Grove, IA 52130-7426, 319-465-3035, www.naylorseed.com					
EXCEL	8236NRR	2.3	Y	2.7	PI88788
EXCEL	8260NRR	2.6	Y	2.7	PI88788
NC+ Hybrids, 3820 N. 56th St., P.O. Box 4408, Lincoln, NE 68504, 800-279-7999, www.midwestseed.com					
NC+ Hybrids	2A14RR	2.1	Y	1.9	PI88788
NC+ Hybrids	2V21RR	2.2	Y	1.9	PI88788
NC+ Hybrids	2A30RR	2.3	Y	1.9	PI88788
NC+ Hybrids	2A35RR	2.3	Y	2.2	PI88788
NC+ Hybrids	2A45RR	2.4	Y	2.6	PI88788
NC+ Hybrids	2V41RR	2.4	Y	2.8	PI88788
NC+ Hybrids	2A54RR	2.5	Y	2.2	PI88788
NC+ Hybrids	2A78RR	2.7	Y	2.5	PI88788
NC+ Hybrids	2V71RR	2.7	Y	3.2	PI88788
NC+ Hybrids	2A94RR	2.9	Y	2.5	PI88788
NC+ Hybrids	2A95RR	2.9	Y	1.8	PI88788
NuTech Seed LLC, 36131 Hwy. 69N, Forest City, IA 50436, 877-561-9067, www.yieldleader.com					
NuTech	7201	2.0	Y	2.6	PI88788
NuTech	212CN	2.1	N	2.5	Peking
NuTech	7222	2.2	Y	2.7	PI88788
NuTech	2219VRR/SCN	2.2	Y	2.3	PI88788
NuTech	2324+RR/SCN	2.3	Y	2.9	PI88788
NuTech	236CN	2.3	N	2.6	Peking
NuTech	7242	2.4	Y	2.4	PI88788
NuTech	5244V	2.4	Y	2.6	PI88788
NuTech	7252	2.5	Y	2.0	PI88788
NuTech	1617RR/SCN	2.5	Y	2.5	PI88788
NuTech	257CN	2.5	N	2.3	Peking
NuTech	2660RR/SCN	2.6	Y	1.9	PI88788
NuTech	7275	2.7	Y	2.4	PI88788
NuTech	5277V	2.7	Y	3.6	PI88788
NuTech	7282	2.8	Y	2.5	PI88788
NuTech	5288V	2.8	Y	2.5	PI88788
NuTech	293CN	2.9	N	2.4	PI88788
Ottlie RO Seed, 1462 Sanford Avenue, Marshalltown, IA 50158, 800-798-6884, OttlieRO@hughes.net					
Ottlie RO Seed	8201RRN	2.0	Y	2.2	PI88788
Ottlie RO Seed	8218RRN	2.1	Y	2.1	PI88788
Ottlie RO Seed	8241RRN	2.4	Y	2.2	PI88788
Ottlie RO Seed	8269RRN	2.6	Y	2.3	PI88788
Ottlie RO Seed	8272RRN	2.7	Y	1.7	PI88788
Ottlie RO Seed	8290RRN	2.9	Y	2.5	PI88788
Ottlie RO Seed	8291RRN	2.9	Y	3.0	PI88788
Pannar Seed, 40329 US Hwy. 14 East, Huron, SD 57350, 605-352-8791, info@pannarusa.com, www.pannarusa.com					
Pannar	2510NRR	2.5	Y	2.2	PI88788
Pioneer Hi-Bred International, Inc., 8100 South 15th St., Lincoln, NE 68512, 800-228-4050, www.pioneer.com					
Pioneer Hi-Bred Int.	92M01	2.0	Y	5.0	PI88788
Pioneer Hi-Bred Int.	92M11	2.1	Y	3.0	Peking
Pioneer Hi-Bred Int.	92M33	2.3	Y	4.0	PI88788
Pioneer Hi-Bred Int.	92M40	2.4	Y	4.0	PI88788
Pioneer Hi-Bred Int.	92M53	2.5	Y	3.0	Peking
Pioneer Hi-Bred Int.	92M54	2.5	Y	4.0	PI88788
Pioneer Hi-Bred Int.	92M61	2.6	Y	3.0	PI88788
Pioneer Hi-Bred Int.	92M75	2.7	Y	3.0	Peking
Pioneer Hi-Bred Int.	92M76	2.7	Y	3.0	PI88788

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

Brand	Variety	Relative Maturity	Roundup Ready® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Prairie Brand Seed, 15 X Ave., Story City, IA 50248, 515-733-2101, www.prairiebrandseed.com					
Prairie Brand	PB 2007NRR	2.0	Y	2.2	PI88788
Prairie Brand	PB 2056NRR	2.0	Y	2.3	PI88788
Prairie Brand	PB 2117NRR	2.1	Y	2.4	PI88788
Prairie Brand	PB 2183NRR	2.1	Y	2.1	PI88788
Prairie Brand	PB 2196NRR	2.1	Y	2.2	PI88788
Prairie Brand	PB 2207NRR	2.2	Y	2.2	PI88788
Prairie Brand	PB 2236NRR	2.2	Y	2.0	PI88788
Prairie Brand	PB 2297NRR	2.2	Y	2.1	PI88788
Prairie Brand	PB 2316NRR	2.3	Y	2.9	PI88788
Prairie Brand	PB 2337NRR	2.3	Y	1.9	PI88788
Prairie Brand	PB 2557NRR	2.5	Y	2.2	PI88788
Prairie Brand	PB 2636NRR	2.6	Y	2.5	PI88788
Prairie Brand	PB 2667NRR	2.6	Y	1.8	PI88788
Prairie Brand	PB 2697NRR	2.6	Y	2.8	PI88788
Prairie Brand	PB 2794NRR	2.7	Y	2.3	PI88788
Prairie Brand	PB 2897NRR	2.8	Y	1.8	PI88788
Prairie Brand	PB 2907NRR	2.8	Y	1.5	PI88788
Quality Plus Seed, 562 State Highway 164, Monmouth, IL 61462, 866-734-5764					
Quality Plus	Q293RR	2.9	Y	2.5	PI88788
Rainbow Seeds, 1816 Hwy. 163, Oskaloosa, IA 52577, 800-373-9401, www.rainbowseeds.com					
Rainbow Seeds	4255NRR	2.5	Y	1.8	PI88788
Rainbow Seeds	4278NRR	2.8	Y	1.8	PI88788
Rainbow Seeds	4281NRR	2.8	Y	1.7	PI88788
Renk Seed, 6809 Wilburn Rd., Sun Prairie, WI 53590, 800-BUY-RENK, arenk@renkseed.com, www.renkseed.com					
Renk Seed	rs204nrr	2.0	Y	2.0	PI88788
Renk Seed	rs247nrr	2.4	Y	3.2	PI88788
Renk Seed	rs277nrr	2.7	Y	2.4	PI88788
Renze Hybrids, 27410 Kittyhawk Ave., Carroll, IA 51401, 800-634-2676, renze@netins.net, www.renzehybrids.com					
Renze	R2094RRcn	2.0	Y	2.0	PI88788
Renze	R2287RRcn	2.2	Y	1.8	PI88788
Renze	R2388RRcn	2.3	Y	1.8	PI88788
Renze	R2588RRcn	2.5	Y	2.2	PI88788
Renze	R2887RRcn	2.8	Y	2.2	PI88788
Renze	R2996RRcn	2.9	Y	2.5	PI88788
Schillinger Seed, Inc., 4200 Corporate Drive, Suite 106, West Des Moines, IA 50266, 515-225-1166 x 104, cnikkel@schillingerseed.com, www.schillingerseed.com					
Schillinger	228.RCP	2.2	Y	1.9	PI88788
Schillinger	258F.HPC	2.5	N	2.1	PI88788
Schillinger	287.RCP	2.7	Y	1.7	PI88788
Sand Seed Service, Inc., 4765 Hwy. 143, Marcus, IA 51035, 800-352-2225, soi@sandsofiowa.com, www.sandsofiowa.com					
Sands of Iowa	SOI 2122NRR	2.1	Y	2.0	PI88788
Sands of Iowa	SOI 2151NRR	2.1	Y	2.0	PI88788
Sands of Iowa	SOI 2307NRR	2.3	Y	2.1	PI88788
Sands of Iowa	SOI 2341NRR	2.3	Y	2.5	PI88788
Sands of Iowa	SOI 2467NRR	2.4	Y	3.5	PI88788
Sands of Iowa	SOI 2511NRR	2.4	Y	2.0	PI88788
Sands of Iowa	SOI 2532NRR	2.5	Y	2.2	PI88788
Sands of Iowa	SOI 2716NRR	2.7	Y	2.3	PI88788
Sands of Iowa	SOI 2895NRR	2.8	Y	2.5	PI88788
South Dakota State University, NPB247, Box 2140C, Brookings, SD 57007					
SD Ag. Exp. Station	Turner	2.3	N	Not Given	PI88788

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

Brand	Variety	Relative Maturity	Roundup Ready® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Stine Seed Company, 2255 Laredo Trail, Adel, IA 50003, 515-677-2605, info@stineseed.com, www.stineseed.com					
Stine	2032-4	2.0	Y	2.3	PI88788
Stine	2000-2	2.0	N	3.0	PI88788
Stine	2062-4	2.0	Y	2.5	PI88788
Stine	2100-2	2.1	N	3.0	PI88788
Stine	2262-94	2.2	Y	1.5	PI88788
Stine	2402-4	2.4	Y	2.8	PI88788
Stine	2523-4	2.5	Y	2.3	PI88788
Stine	2862-4	2.8	Y	1.8	PI88788
Stone Seed Group is comprised of the following companies.					
Stone Seed Company, 5965 W. State Road 97, Pleasant Plains, IL 62677, 217-546-8006					
Sieben Hybrids, Inc, 1441 Gorman Drive, Geneseo, IL 61254, 800-332-2676					
Moweaqua Seed Company, 600 E. Main Street, Moweaqua, IL 62550, 217-768-2106					
Stone Seed Group	SS2304NRR	2.3	Y	2.3	PI88788
Stone Seed Group	SS2407NRR	2.4	Y	2.8	PI88788
Stone Seed Group	SS2625NRR	2.6	Y	2.3	PI88788
Stone Seed Group	3A278NRR	2.7	Y	2.5	PI88788
Stone Seed Group	3BV278NRR	2.7	Y	3.5	PI88788
Stone Seed Group	3A288NRR	2.8	Y	3.5	PI88788
Stone Seed Group	SS2807NRR	2.8	Y	2.4	PI88788
Stone Seed Group	3A298NRR	2.9	Y	3.5	PI88788
Stone Seed Group	SS2905NRR	2.9	Y	2.5	PI88788
Trisler Seeds, Inc., 3274 E 800 North Rd., Fairmount, IL 61841, trisler@trisler.com, www.trisler.com					
Trisler	Trisoy 2002RR(CN)	2.0	Y	2.0	PI88788
Trisler	Trisoy 2070RR(CN)	2.0	Y	2.0	PI88788
Trisler	Trisoy 2333RR(CN)	2.3	Y	2.0	PI88788
Trisler	Trisoy 2471RRV(CN)	2.4	Y	2.0	PI88788
Trisler	Trisoy 2575RR(CN)	2.5	Y	2.0	PI88788
Trisler	Trisoy 2777RR(CN)	2.7	Y	3.0	PI88788
Trisler	Trisoy 2878RRV(CN)	2.8	Y	3.0	PI88788
Trisler	Trisoy 2952RR(CN)	2.9	Y	2.0	PI88788
Trisler	Trisoy 2973RR(CN)	2.9	Y	1.0	PI88788
University of Illinois, 1101 W. Peabody Dr., Urbana, IL 61801, 217-265-4062					
IL Ag. Exp. Station	Jack	2.9	N	Not Given	PI88788
IL Ag. Exp. Station	Dwight	2.9	N	Not Given	PI88788
Welter Seed, Co., 17724 Hwy. 136, Onslow, IA 52321-7549 , 800-728-8450, info@welterseed.com, www.welterseed.com					
Welter Seed	2810N	2.8	N	3.0	PI88788
Wensman seed, 63585 West Highway 10, Wadena, MN 56482, 218-631-2954, wensman@wensmanseed.com, www.wensmanseed.com					
Wensman seed	W2200NRR	2.0	Y	2.3	PI88788
Wensman seed	W2222NRR	2.2	Y	2.2	PI88788
Ziller Seed Co., Inc., 76374 380th St., Bird Island, MN 55310, 320-365-3674, zscsales@zillerseed.com, www.zillerseed.com					
Ziller	BT 7204NR	2.0	Y	1.9	PI88788
Ziller	BT 7208NR	2.0	Y	2.1	PI88788
Ziller	BT 7217NR	2.1	Y	2.3	PI88788

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

Brand	Variety	Relative Maturity	Roundup Ready® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
CROPLAN GENETICS, 1080 County Road F, West, MS5735, Shoreview, MN 55126, 800-851-8810, info@croplangenetics.com, www.croplangenetics.com					
CROPLAN GENETICS	RC3097	3.0	Y	3.0	PI88788
Crow's Hybrids, 612 E. Dunlap St., P.O. Box 157, Kentland, IN 47951, 800-331-7201, www.crowshybrid.com					
Crow's Hybrids	CV301R	3.0	Y	2.5	PI88788
Crow's Hybrids	C3145R	3.1	Y	2.4	PI88788
Crow's Hybrids	C3318R	3.3	Y	2.4	PI88788
Crow's Hybrids	CV331R	3.3	Y	Not Given	PI88788
Crow's Hybrids	C3418R	3.4	Y	2.2	PI88788
Crow's Hybrids	C3518R	3.5	Y	2.5	PI88788
Crow's Hybrids	CV351R	3.5	Y	Not Given	PI88788
Crow's Hybrids	C3619R	3.6	Y	2.5	PI88788
Crow's Hybrids	C3817R	3.8	Y	Not Given	PI88788
Crow's Hybrids	C3915R	3.9	Y	Not Given	PI88788
Crow's Hybrids	C3916R	3.9	Y	Not Given	PI88788
Dairyland Seed Co., Inc., 3570 Hwy. H, West Bend, WI 53095, 800-236-0163, www.dairylandseed.com					
Dairyland	3003/RRSTS	3.0	Y	2.5	Not Given
Dairyland	3130/RR	3.1	Y	2.5	PI88788
Dairyland	3320/RRSTS	3.3	Y	2.5	PI88788
Dairyland	3400/RR	3.4	Y	2.7	PI88788
Dairyland	345/RR	3.4	Y	2.5	Not Given
Dairyland	3500/RR	3.5	Y	2.5	PI88788
Dairyland	3535/RR	3.5	Y	3.0	PI88788
Dairyland	3590	3.6	N	3.0	Not Given
Dairyland	3603/RR	3.6	Y	2.5	PI88788
Dairyland	3675/RR	3.6	Y	2.9	PI88788
Dairyland	385/RR	3.8	Y	2.4	PI88788
Davis Seed Company, 20847 Hwy. J5T, Moravia, IA 52571, 641-724-9090					
Davis Seed	3532 RRCN	3.2	Y	2.4	PI88788
Davis Seed	3635 RRCN	3.5	Y	2.9	PI88788
Davis Seed	3337 RRCN	3.7	Y	2.2	PI88788
Davis Seed	3737 RRCN	3.7	Y	1.7	PI88788
Dyna-Gro Seeds, 104 Harrison, Emmetsburg, IA 50536, 507-327-8136, www.dynagroseed.com					
Dyna-Gro Seeds	32D30	3.0	Y	2.2	PI88788
Dyna-Gro Seeds	34N30	3.0	Y	2.2	PI88788
Dyna-Gro Seeds	38B31	3.1	Y	1.8	PI88788
Dyna-Gro Seeds	33C32	3.2	Y	1.8	PI88788
Dyna-Gro Seeds	35D33	3.3	Y	1.8	PI88788
Dyna-Gro Seeds	38P33	3.3	Y	2.6	PI88788
Dyna-Gro Seeds	38R33	3.3	Y	2.2	PI88788
Dyna-Gro Seeds	37J34	3.4	Y	1.5	PI88788
Dyna-Gro Seeds	35Y36	3.6	Y	1.8	PI88788
Dyna-Gro Seeds	35F37	3.7	Y	2.2	PI88788
Dyna-Gro Seeds	33A37	3.7	Y	2.6	PI88788
Dyna-Gro Seeds	35G38	3.8	Y	1.0	PI88788
Dyna-Gro Seeds	32C38	3.8	Y	2.2	PI88788

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

Brand	Variety	Relative Maturity	Roundup Ready® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Excel Brand, 116 E. State, Camp Point, IL 62320, 800-593-7708					
EXCEL	8308NRR	3.1	Y	2.6	PI88788
EXCEL	6323N	3.2	N	2.4	PI88788
EXCEL	8322NNRR	3.2	Y	2.2	PI88788
EXCEL	8343NRR	3.4	Y	2.6	PI88788
EXCEL	6350N	3.5	N	2.6	PI88788
EXCEL	8357NNRR	3.5	Y	2.7	PI88788
EXCEL	8367NRR	3.6	Y	2.6	PI88788
EXCEL	8377NRR/STS	3.7	Y	3.2	PI88788
EXCEL	8389NRR	3.8	Y	2.9	PI88788
EXCEL	8394NRR	3.9	Y	Not Given	PI88788
EXCEL	8398NRR	3.9	Y	3.6	PI88788
Farm Advantage, 1275 Hwy. 69, Belmond, IA 50421, 641-444-3344, farmadv@kalnet.com, www.farmadvantage.com					
Farm Advantage	7305N	3.0	Y	3.0	PI88788
Farm Advantage	7324N	3.2	Y	2.8	PI88788
Farm Advantage	7335N	3.3	Y	2.4	PI88788
Farm Advantage	7356N	3.5	Y	2.7	PI88788
Fontanelle Hybrids, 10981 8th St., Fontanelle, NE 68044-2505, 402-721-1410, spike@fontanelle.com, www.fontanelle.com					
Fontanelle	9609 NRR	3.0	Y	2.5	PI88788
Fontanelle	9412 NRR	3.1	Y	2.4	PI88788
Fontanelle	32L45	3.2	Y	3.1	PI88788
Fontanelle	9633 NRR	3.3	Y	3.1	PI88788
Fontanelle	35L55	3.5	Y	3.0	PI88788
Fontanelle	9652 NRR	3.5	Y	2.2	PI88788
Fontanelle	9162 NRR	3.6	Y	2.5	PI88788
Fontanelle	9371 NRR	3.7	Y	2.7	PI88788
Fontanelle	9772 NRR	3.7	Y	Not Given	PI88788
Fontanelle	9488 RRR STS	3.8	Y	2.7	PI88788
Fontanelle	9680 NRR	3.8	Y	1.7	PI88788
Four Star Seed Company, 2929 335th St., Logan, IA 51546, 712-644-1400, www.4starseed.com					
4 STAR SEED CO.	2332RR	3.3	Y	2.2	PI88788
Garst Seed Company, 2369 330th Street, Slater, IA 50244, 888-GO-GARST, garstguy@garstseedco.com, www.garstseed.com					
Garst	3212RR/N	3.2	Y	2.0	PI88788
NK	S32-E2	3.2	Y	4.0	PI88788
NK	S33-A8	3.3	Y	4.0	PI88788
Garst	3512RR/N	3.5	Y	4.0	PI88788
NK	S36-C7	3.6	Y	4.0	PI88788
NK	S37-F7	3.7	Y	4.0	PI88788
NK	S37-P5	3.7	Y	3.0	PI88788
NK	S38-D5	3.8	Y	4.0	PI88788
NK	S39-A3	3.9	Y	4.0	PI88788
Great Lakes Hybrids, 9915 W M-21, Ovid, MI 48866, 989-834-2251, www.greatlakeshybrids.com					
Great Lakes Hybrids	GL 3239RR	3.2	Y	1.9	PI88788
Great Lakes Hybrids	GL 3299V2	3.2	Y	Not Given	PI88788
Great Lakes Hybrids	GL 3309RR	3.3	Y	Not Given	PI88788
Great Lakes Hybrids	GL 3449RR	3.4	Y	2.2	PI88788
Great Lakes Hybrids	GL 3509RR	3.5	Y	2.6	PI88788
Great Lakes Hybrids	GL 3629RR	3.6	Y	3.5	PI88788
Great Lakes Hybrids	GL 3719RR	3.7	Y	Not Given	PI88788
Great Lakes Hybrids	GL 3849RR	3.8	Y	Not Given	PI88788

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

Brand	Variety	Relative Maturity	Roundup Ready® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
GROWMARK, Inc., 1701 Towanda Avenue, Bloomington, IL 61702, 309-557-6399, HiSOY@growmark.com, www.fsseed.com					
FS HiSOY®	HS 3069V	3.0	Y	3.2	PI88788
FS HiSOY®	HS 3156	3.1	Y	2.8	PI88788
FS HiSOY®	HS 3266	3.3	Y	2.7	PI88788
FS HiSOY®	HS 3466	3.4	Y	2.8	PI88788
FS HiSOY®	HS 3536	3.5	Y	2.7	PI88788
FS HiSOY®	HS 3569V	3.5	Y	Not Given	PI88788
FS HiSOY®	HS 3656	3.6	Y	3.2	PI88788
FS HiSOY®	HS 3766	3.7	Y	2.8	PI88788
FS HiSOY®	HS 3916	3.7	Y	3.5	PI88788
FS HiSOY®	HS 3846	3.8	Y	2.7	PI88788
FS HiSOY®	HS 38C60	3.8	N	Not Given	PI88788
Hoegemeyer Hybrids, 1755 Hoegemeyer Rd., Hooper, NE 68031, 800-AG Line-1 (245-4631), askus@hoegemeyer.com, www.TheRightSeed.com					
Hoegemeyer Hybrids	303NRR	3.0	Y	3.1	PI88788
Hoegemeyer Hybrids	343NRR	3.3	Y	2.2	PI88788
Hoegemeyer Hybrids	371NRR	3.6	Y	2.3	PI88788
Hoegemeyer Hybrids	381NRS	3.8	Y	2.7	PI88788
Hoegemeyer Hybrids	389NRS	3.8	Y	3.1	PI88788
Hoegemeyer Hybrids	391NRR	3.9	Y	2.8	PI88788
Iowa State University Research Foundation, 310 Lab of Mechanics, Ames, IA 50011-2131, 515-294-9442, www.ag.iastate.edu/centers/cad					
ISU	IA3005	3.0	N	Not Given	PI88788
ISU	IA3014	3.0	N	Not Given	PI88788
Kaltenberg Seeds, P.O. Box 278, 5506 State Rd. 19, Waunakee, WI 53597-0278, 608-849-5021, ksfseeds@chorus.net, www.kaltenbergseeds.com					
Kaltenberg	KB308RR	3.0	Y	2.0	PI88788
Kruger Seeds, Inc., P.O. Box A, Dike, IA 50624, 800-772-2721, info@krugerseed.com, www.krugerseed.com					
Kruger	K-302RR/SCN/LINO	3.0	Y	3.0	PI88788
Kruger	K-315RR/SCN	3.1	Y	3.0	PI88788
Kruger	K-316RR/SCN	3.1	Y	3.0	PI88788
Kruger	K-321RR/SCN/LINO	3.2	Y	3.0	PI88788
Kruger	K-333RR/SCN	3.3	Y	3.0	PI88788
Kruger	K-340RR/SCN	3.4	Y	3.0	PI88788
Kruger	K-341RR/SCN	3.4	Y	3.0	PI88788
Kruger	K-343RR/SCN/LINO	3.4	Y	3.5	PI88788
Kruger	K-348RR/SCN	3.4	Y	3.0	PI88788
Kruger	K-363RR/SCN	3.6	Y	3.0	PI88788
Kruger	K-372RR/SCN	3.7	Y	3.0	PI88788
Kruger	K-382RR/SCN	3.8	Y	2.5	PI88788
Kruger	K-384RR/SCN	3.8	Y	Not Given	PI88788
Kruger	K-389RR/SCN	3.8	Y	3.0	PI88788
Latham Seed Company, 131 180th St., Alexander, IA 50420, 800-798-3258, www.lathamseeds.com					
LATHAM	E3178R	3.1	Y	2.4	PI88788

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

Brand	Variety	Relative Maturity	Roundup Ready® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Lewis Hybrids, 530 West Maple Ave./P.O. Box 38, Ursa, IL 62376, 217-964-2131, www.lewishybrids.com					
Lewis Hybrids	320	3.2	N	3.0	PI88788
Lewis Hybrids	3258	3.2	Y	2.3	PI88788
Lewis Hybrids	3407	3.4	Y	2.5	PI88788
Lewis Hybrids	3558	3.5	Y	Not Given	PI88788
Lewis Hybrids	368	3.6	N	3.0	PI88788
Lewis Hybrids	3698	3.6	Y	3.0	PI88788
Lewis Hybrids	3827	3.8	Y	2.3	PI88788
Lewis Hybrids	3853	3.8	Y	3.0	PI88788
Lewis Hybrids	391	3.9	N	Not Given	PI88788
Lewis Hybrids	3907	3.9	Y	2.5	PI88788
Lewis Hybrids	3908	3.9	Y	3.0	PI88788
Lewis Hybrids	3968	3.9	Y	Not Given	PI88788
LG Seeds, 22827 Shissler Rd., Elmwood, IL 61529, 800-752-6847, info@lgseeds.com, www.lgseeds.com					
LG Seeds	C3232NRR	3.2	Y	2.0	PI88788
LG Seeds	C3242NRR	3.2	Y	Not Given	PI88788
LG Seeds	L3250NRR	3.2	Y	3.0	PI88788
LG Seeds	C3445NRR	3.4	Y	1.5	PI88788
LG Seeds	L3450NRR	3.4	Y	3.5	PI88788
LG Seeds	C3777NRR	3.7	Y	3.0	PI88788
LG Seeds	C3884N	3.8	N	Not Given	PI88788
LG Seeds	C3888NRR	3.8	Y	2.0	PI88788
LG Seeds	C3988NRR	3.9	Y	Not Given	PI88788
Merschman Seeds, Inc., 103 Avenue D, West Point, IA 52626, 319-837-6111, www.merschmanseeds.com					
Merschman	Hoover 730RR	3.0	Y	2.8	PI88788
Merschman	Jefferson 830RR	3.0	Y	2.4	PI88788
Merschman	Asoyia 3106 SCN	3.1	N	Not Given	PI88788
Merschman	Hayes 832RRV	3.2	Y	2.7	PI88788
Merschman	Coolidge 734RR	3.4	Y	2.5	PI88788
Merschman	Monroe 735RR	3.5	Y	2.5	PI88788
Merschman	Kennedy 836RR	3.6	Y	2.9	PI88788
Merschman	Roosevelt 737RR	3.7	Y	2.3	PI88788
Merschman	Washington IXRR	3.9	Y	3.0	PI88788
MFA Incorporated, 201 Ray Young Dr., Columbia, MO 65201, 573-876-5363, banderson@mfa-inc.com, www.mfa-inc.com					
MorSoy	RT 3304N	3.3	Y	2.0	PI88788
MorSoy	RT 3636N	3.6	Y	2.0	PI88788
MorSoy	RT 3644N	3.6	Y	2.5	PI88788
MorSoy	RT 3804N	3.8	Y	2.0	PI88788
MorSoy	RT 3807N	3.8	Y	2.5	PI88788
MorSoy	RT 3936N	3.9	Y	2.0	PI88788
MorSoy	RT 3966N	3.9	Y	2.0	PI88788
Midwest Seed Genetics, 1617 E 10th St., P.O. Box 518, Carroll, IA 51401, 800-369-8218, www.midwestseed.com					
Midwest Seed Genetics	RV3090	3.0	Y	2.5	PI88788
Midwest Seed Genetics	GR3104	3.1	Y	2.4	PI88788
Midwest Seed Genetics	GR3333	3.3	Y	2.4	PI88788
Midwest Seed Genetics	RV3390	3.3	Y	Not Given	PI88788
Midwest Seed Genetics	GR3433	3.4	Y	2.2	PI88788
Midwest Seed Genetics	GR3533	3.5	Y	2.5	PI88788
Midwest Seed Genetics	RV3590	3.5	Y	Not Given	PI88788
Midwest Seed Genetics	GR3631	3.6	Y	2.5	PI88788
Midwest Seed Genetics	GR3832	3.8	Y	Not Given	PI88788
Midwest Seed Genetics	GR3931	3.9	Y	Not Given	PI88788
Midwest Seed Genetics	GR3934	3.9	Y	Not Given	PI88788

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

Brand	Variety	Relative Maturity	Roundup Ready® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Monsanto Agriculture Research, 3843 Terrace Hill Dr. NE, Cedar Rapids, IA 52402, 319-350-0744					
ASGROW	AG3006	3.0	Y	2.5	PI88788
ASGROW	AG3021V	3.0	Y	3.0	PI88788
ASGROW	AG3121V	3.1	Y	1.5	PI88788
ASGROW	AG3101	3.1	Y	3.0	PI88788
ASGROW	AG3205	3.2	Y	3.0	PI88788
ASGROW	AG3306	3.3	Y	1.5	PI88788
ASGROW	AG3402	3.4	Y	2.5	PI88788
ASGROW	AG3521V	3.5	Y	3.0	PI88788
ASGROW	AG3504	3.5	Y	2.5	PI88788
ASGROW	AG3602	3.6	Y	3.0	PI88788
ASGROW	AG3603	3.6	Y	3.0	PI88788
ASGROW	AG3705	3.7	Y	3.0	PI88788
ASGROW	AG3802	3.8	Y	3.0	PI88788
ASGROW	AG3803	3.8	Y	3.0	PI88788
DEKALB	DKB38-52	3.8	Y	3.0	PI88788
Munson Hybrids, Inc, 1262 Knox Road 100 E, Galesburg, IL 61401, 309-343-8410, www.munsonhybrids.com					
Munson	8328RR	3.2	Y	3.1	PI88788
Munson	8357RR	3.5	Y	2.2	PI88788
Munson	8377RR	3.7	Y	1.7	PI88788
Munson	8388	3.8	N	1.5	PI88788
Mycogen Seeds, 9330 Zionsville Rd., Indianapolis, IN 46268, 800-692-6436, www.mycogen.com					
Atlas	Mycogen 5N290RR	3.0	Y	2.5	PI88788
Atlas	Mycogen 5N300RR	3.0	Y	2.5	PI88788
Atlas	Mycogen 5N310RR	3.1	Y	4.0	PI88788
Atlas	Mycogen 5N320RR	3.2	Y	3.0	PI88788
Atlas	Mycogen 5N352RR	3.5	Y	2.5	PI88788
Atlas	Mycogen 5N382RR	3.7	Y	3.0	PI88788
Atlas	Mycogen 5B3821NRR	3.8	Y	3.0	PI88788
Atlas	Mycogen 5N383RR	3.8	Y	2.0	PI88788
NC+ Hybrids, 3820 N. 56th St., P.O. Box 4408, Lincoln, NE 68504, 800-279-7999, www.midwestseed.com					
NC+ Hybrids	3V01RR	3.0	Y	2.5	PI88788
NC+ Hybrids	3A14RR	3.1	Y	2.4	PI88788
NC+ Hybrids	3A32RR	3.3	Y	2.4	PI88788
NC+ Hybrids	3A54RR	3.5	Y	2.2	PI88788
NC+ Hybrids	3A53RR	3.5	Y	2.5	PI88788
NC+ Hybrids	3V51RR	3.5	Y	Not Given	PI88788
NC+ Hybrids	3A62RR	3.6	Y	2.5	PI88788
NC+ Hybrids	3A85RS	3.8	Y	Not Given	PI88788
NC+ Hybrids	3A92RR	3.9	Y	Not Given	PI88788
NC+ Hybrids	3A93RR	3.9	Y	Not Given	PI88788
NuTech Seed LLC, 36131 Hwy. 69N, Forest City, IA 50436, 877-561-9067, www.yieldleader.com					
NuTech	7312	3.1	Y	2.6	PI88788
NuTech	7325	3.2	Y	2.7	PI88788
NuTech	5325V	3.2	Y	2.9	PI88788
NuTech	7345	3.4	Y	3.3	PI88788
NuTech	7353	3.5	Y	3.5	PI88788
NuTech	3737RR/SCN	3.7	Y	3.7	PI88788
NuTech	3888RR/SCN	3.8	Y	3.3	PI88788
NuTech	7399	3.9	Y	4.2	PI88788
NuTech	3909RR/SCN	3.9	Y	4.1	PI88788

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

Brand	Variety	Relative Maturity	Roundup Ready® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Ottlie RO Seed, 1462 Sanford Avenue, Marshalltown, IA 50158, 800-798-6884, OttlieRO@hughes.net					
Ottlie RO Seed	8322RRN	3.2	Y	2.2	PI88788
Ottlie RO Seed	8355RRN	3.5	Y	3.1	PI88788
Ottlie RO Seed	8358RRN	3.5	Y	2.8	PI88788
Ottlie RO Seed	8373RRN	3.7	Y	1.7	PI88788
Pannar Seed, 40329 US Hwy. 14 East, Huron, SD 57350, 605-352-8791, info@pannarusa.com, www.pannarusa.com					
Pannar	3886NRR	3.8	Y	2.5	Not Given
Pioneer Hi-Bred International, Inc., 8100 South 15th St., Lincoln, NE 68512, 800-228-4050, www.pioneer.com					
Pioneer Hi-Bred Int.	93M13	3.1	Y	2.0	PI88788
Pioneer Hi-Bred Int.	93M14	3.1	N	4.0	PI88788
Pioneer Hi-Bred Int.	93M42	3.4	Y	4.0	PI88788
Pioneer Hi-Bred Int.	93M61	3.6	Y	4.0	PI88788
Pioneer Hi-Bred Int.	93M62	3.6	N	3.0	PI88788
Pioneer Hi-Bred Int.	93M82	3.8	Y	3.0	PI88788
Pioneer Hi-Bred Int.	93M95	3.9	Y	5.0	PI88788
Pioneer Hi-Bred Int.	93M96	3.9	Y	5.0	PI88788
Prairie Brand Seed, 15 X Ave., Story City, IA 50248, 515-733-2101, www.prairiebrandseed.com					
Prairie Brand	PB 2956NRR	3.0	Y	2.4	PI88788
Prairie Brand	PB 3137NRR	3.1	Y	3.1	PI88788
Prairie Brand	PB 3357NRR	3.3	Y	2.3	PI88788
Prairie Brand	PB 3436NRR	3.4	Y	2.2	PI88788
Prairie Brand	PB 3556NRR	3.5	Y	2.7	PI88788
Prairie Brand	PB 3667NRR	3.6	Y	3.1	PI88788
Prairie Brand	PB 3796NRR	3.8	Y	2.3	PI88788
Prairie Brand	PB 3894NRRSTS	3.8	Y	2.7	PI88788
Prairie Brand	PB 3997NRR	3.9	Y	3.3	PI88788
Purdue University, Ag. Alumni Seed Improvement Assoc., P.O. Box 158, Romney, IN 47981, 800-822-7134, agalumni@agalumniseed.com					
Purdue University	CL0J095-4	3.1	N	Not Given	PI88788
Quality Plus Seed, 562 State Highway 164, Monmouth, IL 61462, 866-734-5764					
Quality Plus	Q315RR	3.1	Y	2.4	PI88788
Quality Plus	Q343RR	3.4	Y	2.2	PI88788
Quality Plus	Q370RR	3.7	Y	2.3	PI88788
Quality Plus	Q374RR	3.7	Y	2.3	PI88788
Rainbow Seeds, 1816 Hwy. 163, Oskaloosa, IA 52577, 800-373-9401, www.rainbowseeds.com					
Rainbow Seeds	4307NRR	3.0	Y	2.4	PI88788
Rainbow Seeds	4320NRR	3.2	Y	2.3	PI88788
Rainbow Seeds	4328NRR	3.2	Y	2.4	PI88788
Rainbow Seeds	4342NRR	3.4	Y	2.2	PI88788
Rainbow Seeds	4363NRR	3.6	Y	2.5	PI88788
Rainbow Seeds	4370NRR	3.7	Y	1.7	PI88788
Rainbow Seeds	4380NRS	3.8	Y	2.7	PI88788
Rainbow Seeds	4390NRS	3.9	Y	2.8	PI88788
Renk Seed, 6809 Wilburn Rd., Sun Prairie, WI 53590, 800-BUY-RENK, arenk@renkseed.com, www.renkseed.com					
Renk Seed	rs204nrr	2.0	Y	2.0	PI88788
Renk Seed	rs247nrr	2.4	Y	3.2	PI88788
Renk Seed	rs277nrr	2.7	Y	2.4	PI88788
Renze Hybrids, 27410 Kittyhawk Ave., Carroll, IA 51401, 800-634-2676, renze@netins.net, www.renzehybrids.com					
Renze	R3188RRcn	3.1	Y	2.3	PI88788
Renze	R3386RRcn	3.3	Y	2.3	PI88788
Renze	R3497RRcn	3.4	Y	2.2	PI88788
Renze	R3788RRcn	3.7	Y	2.8	PI88788
Renze	R3797RRcn	3.7	Y	2.2	PI88788
Renze	R3835SRcn	3.8	Y	2.6	PI88788

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

Brand	Variety	Relative Maturity	Roundup Ready® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Sand Seed Service, Inc., 4765 Hwy. 143, Marcus, IA 51035, 800-352-2225, soi@sandsofiowa.com, www.sandsofiowa.com					
Sands of Iowa	SOI 3169NRR	3.1	Y	2.4	PI88788
Sands of Iowa	SOI 3209NRR	3.2	Y	2.6	PI88788
Sands of Iowa	SOI 3422NRR	3.4	Y	2.2	PI88788
Schillinger Seed, Inc., 4200 Corporate Drive, Suite 106, West Des Moines, IA 50266, 515-225-1166 x 104, cnikkel@schillingerseed.com, www.schillingerseed.com					
Schillinger	328.RCP	3.2	Y	2.2	PI88788
Schillinger	348.TC	3.4	N	3.0	PI88788
Schillinger	388.TC	3.8	N	2.5	PI88788
Schillinger	397.TLC	3.9	N	2.6	PI88788
Schlessman Seed Co., Inc., 11513 St. Tr. 250 N., Milan, OH 44846, 888-534-7333					
AGRA	5628CNRR	3.0	Y	Not Given	PI88788
SSC	315RR	3.1	Y	Not Given	PI88788
AGRA	5632CNRR	3.2	Y	Not Given	PI88788
SSC	337RR	3.3	Y	Not Given	PI88788
SSC	347RR	3.4	Y	Not Given	PI88788
SSC	356RR	3.5	Y	Not Given	PI88788
SSC	366	3.6	N	Not Given	PI88788
SSC	367RR	3.6	Y	Not Given	PI88788
AGRA	5537CNRR	3.7	Y	Not Given	PI88788
SSC	373CNRR	3.7	Y	Not Given	PI88788
Stine Seed Company, 2225 Laredo Trail, Adel, IA 50003, 515-677-2605, info@stineseed.com, www.stineseed.com					
Stine	3102-94	3.1	Y	3.0	PI88788
Stine	3122-94	3.1	Y	Not Given	PI88788
Stine	3128-4	3.1	Y	3.0	PI88788
Stine	3222-4	3.2	Y	3.5	PI88788
Stine	3532-4	3.5	Y	2.75	PI88788
Stine	3582-4	3.5	Y	3.0	PI88788
Stine	3620-4	3.6	Y	3.0	PI88788
Stine	3602-4	3.6	Y	2.5	PI88788
Stone Seed Group is comprised of the following companies.					
Stone Seed Company, 5965 W. State Road 97, Pleasant Plains, IL 62677, 217-546-8006					
Sieben Hybrids, Inc, 1441 Gorman Drive, Geneseo, IL 61254, 800-332-2676					
Moweaqua Seed Company, 600 E. Main Street, Moweaqua, IL 62550, 217-768-2106					
Stone Seed Group	SS3125NRR	3.1	Y	2.8	PI88788
Stone Seed Group	3AV328NRR	3.2	Y	3.0	PI88788
Stone Seed Group	2344NRR	3.4	Y	Not Given	PI88788
Stone Seed Group	9347NRR	3.4	Y	Not Given	PI88788
Stone Seed Group	SS3407NRR	3.4	Y	2.2	PI88788
Stone Seed Group	2346NRR	3.4	Y	Not Given	PI88788
Stone Seed Group	2356NRR	3.5	Y	Not Given	PI88788
Stone Seed Group	3A368NRR	3.6	Y	3.0	PI88788
Stone Seed Group	3A378NRR	3.7	Y	Not Given	PI88788
Stone Seed Group	2373NRR	3.7	Y	Not Given	PI88788
Stone Seed Group	2375NRR/STS	3.7	Y	Not Given	PI88788
Stone Seed Group	3A388NRR	3.8	Y	Not Given	PI88788
Stone Seed Group	SS3817NRR/STS	3.8	Y	1.7	PI88788
Stone Seed Group	2385NRR	3.8	Y	Not Given	PI88788
Stone Seed Group	3A398NRR	3.9	Y	Not Given	PI88788

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

Brand	Variety	Relative Maturity	Roundup Ready® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Trisler Seeds, Inc., 3274 E 800 North Rd., Fairmount, IL 61841, trisler@trisler.com, www.trisler.com					
Trisler	Trisoy 3073RR(CN)	3.0	Y	2.0	PI88788
Trisler	Trisoy 3144RR(CN)	3.1	Y	2.0	PI88788
Trisler	Trisoy 3276RRV(CN)	3.2	Y	2.0	PI88788
Trisler	Trisoy 3463RR(CN)	3.4	Y	2.0	PI88788
Trisler	Trisoy 3675RR(CN)	3.6	Y	3.0	PI88788
Trisler	Trisoy 3874RR(CN)	3.8	Y	2.0	PI88788
Trisler	Trisoy 3977RR(CN)	3.9	Y	Not Given	PI88788
University of Illinois, 1101 W. Peabody Dr., Urbana, IL 61801, 217-265-4062					
IL Ag. Exp. Station	Maverick	3.8	N	Not Given	PI88788

Contact information

Albert Lea Seed House, 1414 W. Main, Albert Lea, MN 56007, 800-352-5247, seedhouse@alseed, www.alseed.com

CROPLAN GENETICS, 1080 County Road F, West, MS5735, Shoreview, MN 55126, 800-851-8810, info@croplangenetics.com, www.croplangenetics.com

Crow's Hybrids, 612 E. Dunlap St., P.O. Box 157, Kentland, IN 47951, 800-331-7201, www.crowshybrid.com

Dairyland Seed Co., Inc., 3570 Hwy. H, West Bend, WI 53095, 800-236-0163, www.dairylandseed.com

Davis Seed Company, 20847 Hwy. J5T, Moravia, IA 52571, 641-724-9090

Dyna-Gro Seeds, 104 Harrison, Emmetsburg, IA 50536, 507-327-8136, www.dynagroseed.com

Excel Brand, 116 E. State, Camp Point, IL 62320, 800-593-7708

Farm Advantage, 1275 Hwy. 69, Belmond, IA 50421, 641-444-3344, farmadv@kalnet.com, www.farmadvantage.com

Fontanelle Hybrids, 10981 8th St., Fontanelle, NE 68044-2505, 402-721-1410, spike@fontanelle.com, www.fontanelle.com

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

Garst Seed Company, 2369 330th Street, Slater, IA 50244, 888-GO-GARST, garstguy@garstseedco.com, www.garstseed.com

Golden Harvest, P.O. Box 307, Waterloo, NE 68069, 800-228-9906, www.goldenharvestseeds.com

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

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

Hoegemeyer Hybrids, 1755 Hoegemeyer Rd., Hooper, NE 68031, 800-AG Line 1 (800-245-4631), askus@hoegemeyer.com, www.TheRightSeed.com

Iowa State University Research Foundation, 310 Lab of Mechanics, Ames, IA 50011-2131, 515-294-9442, www.ag.iastate.edu/centers/cad

Kaltenberg Seeds, P.O. Box 278, 5506 State Rd. 19, Waunakee, WI 53597-0278, 608-849-5021, ksfseeds@chorus.net, www.kaltenbergseeds.com

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

Latham Seed Company, 131 180th St., Alexander, IA 50420, 800-798-3258, www.lathamseeds.com

Lewis Hybrids, 530 West Maple Ave./P.O. Box 38, Ursa, IL 62376, 217-964-2131, www.lewishybrids.com

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

Merschman Seeds, Inc., 103 Avenue D, West Point,
IA 52626, 319-837-6111, www.merschmanseeds.com

MFA Incorporated, 201 Ray Young Dr., Columbia,
MO 65201, 573-876-5363, banderson@mfa-inc.com,
www.mfa-inc.com

Midwest Seed Genetics, 1617 E 10th St., P.O. Box 518,
Carroll, IA 51401, 800-369-8218, www.midwestseed.com

Monsanto Agriculture Research, 3843 Terrace Hill Dr.
NE, Cedar Rapids, IA 52402, 319-350-0744

Moweaqua Seed Company, 600 E. Main Street,
Moweaqua, IL 62550, 217-768-2106

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

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

Mycogen Seeds, 9330 Zionsville Rd., Indianapolis,
IN 46268, 800-692-6436, www.mycogen.com

Naylor Seed Co., 16600 116th Ave., Scotch Grove,
IA 52130-7426, 319-465-3035, www.naylorseed.com

NC+ Hybrids, 3820 N. 56th St., P.O. Box 4408, Lincoln,
NE 68504, 800-279-7999, www.midwestseed.com

NuTech Seed LLC, 36131 Hwy. 69N, Forest City,
IA 50436, 877-561-9067, www.yieldleader.com

Ottillie RO Seed, 1462 Sanford Avenue, Marshalltown,
IA 50158, 800-798-6884, OttillieRO@hughes.net

Pannar Seed, 40329 US Hwy. 14 East, Huron, SD 57350,
605-352-8791, info@pannarusa.com,
www.pannarusa.com

Pioneer Hi-Bred International, Inc., 8100 South 15th
St., Lincoln, NE 68512, 800-228-4050, www.pioneer.com

Prairie Brand Seed, 15 X Ave., Story City, IA 50248,
515-733-2101, www.prairiebrandseed.com

Purdue University, Ag. Alumni Seed Improvement
Assoc., P.O. Box 158, Romney, IN 47981, 800-822-7134,
agalumni@agalumniseed.com

Quality Plus Seed, 562 State Highway 164, Monmouth,
IL 61462, 866-734-5764

Rainbow Seeds, 1816 Hwy. 163, Oskaloosa, IA 52577,
800-373-9401, www.rainbowseeds.com

Renk Seed, 6809 Wilburn Rd., Sun Prairie, WI 53590,
800-BUY-RENK, arenk@renkseed.com,
www.renkseed.com

Renze Hybrids, 27410 Kittyhawk Ave., Carroll,
IA 51401, 800-634-2676, renze@netins.net,
www.renzehybrids.com

Sand Seed Service, Inc., 4765 Hwy. 143, Marcus,
IA 51035, 800-352-2225, soi@sandsofiowa.com,
www.sandsofiowa.com

Schillinger Seed, Inc., 4200 Corporate Drive, Suite 106,
West Des Moines, IA 50266, 515-225-1166 x 104,
cnikkel@schillingerseed.com, www.schillingerseed.com

Schlessman Seed Co., Inc., 11513 St. Tr. 250 N., Milan,
OH 44846, 888-534-7333

Sieben Hybrids, Inc., 1441 Gorman Drive, Geneseo,
IL 61254, 800-332-2676

Stine Seed Company, 2255 Laredo Trail, Adel, IA 50003,
515-677-2605, info@stineseed.com, www.stineseed.com

Stone Seed Company, 5965 W. State Road 97,
Pleasant Plains, IL 62677, 217-546-8006

South Dakota State University, NPB247, Box 2140C,
Brookings, SD 57007

Trisler Seeds, Inc., 3274 E 800 North Rd., Fairmount,
IL 61841, trisler@trisler.com, www.trisler.com

University of Illinois, 1101 W. Peabody Dr., Urbana, IL 61801, 217-265-4062

University of Minnesota, Minnesota Agricultural Experiment Station, St. Paul, MN 55108

Welter Seed, Co., 17724 Hwy. 136, Onslow, IA 52321-7549, 800-728-8450, info@welterseed.com, www.welterseed.com

Wensman Seed, 63585 West Highway 10, Wadena, MN 56482, 218-631-2954, wensman@wensmanseed.com, www.wensmanseed.com

Ziller Seed Co., Inc., 76374 380th St., Bird Island, MN 55310, 320-365-3674, zscsales@zillerseed.com, www.zillerseed.com

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 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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