

Soybean cyst nematode-resistant soybean varieties for Iowa

Prepared by Gregory L. Tylka, Department of Plant Pathology

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 2006 in which more than 40 resistant and four susceptible varieties were grown. On average, the SCN-resistant soybean varieties yielded 5 to 15 bushels per acre more than the susceptible varieties in these 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 to 20,000 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
Churdan, IA	55.7	40.5	2,460	19,594
Melrose, IA	52.1	46.8	1,762	11,444

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

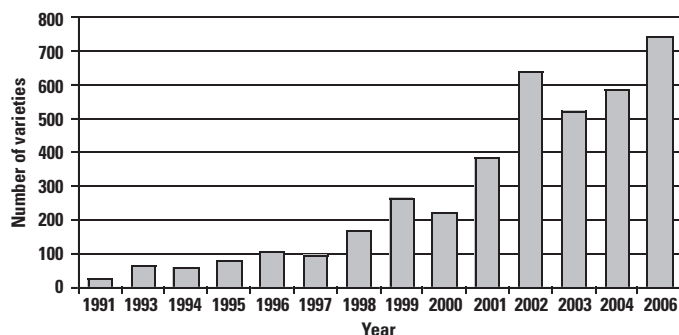


Figure 1. Number of maturity group O, I, II, and III SCN-resistant soybean varieties available to Iowa soybean growers, 1991–2006 (data unavailable for 1992 and 2005).

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 noninfested 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 at a county extension office, the ISU Extension Publications Distribution Center (515-294-5247), and on the Internet at www.soybeancyst.info or www.isuscnavarietytrials.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.

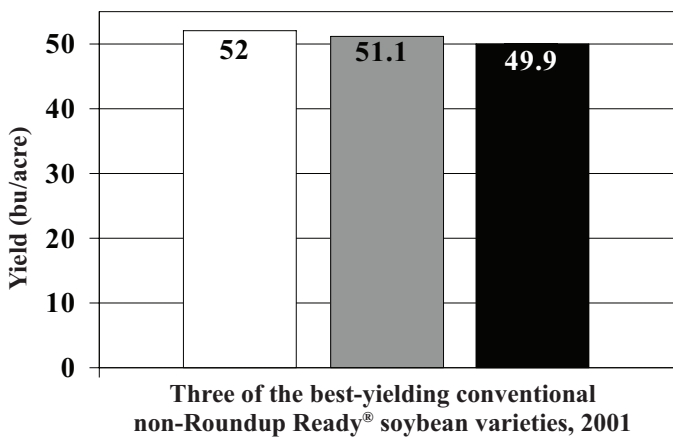


Figure 2. Yield of the three best-yielding conventional (non-Roundup Ready®) soybean varieties in a north-central Iowa variety trial location in 2001. The least-significant-difference value is 4.9.

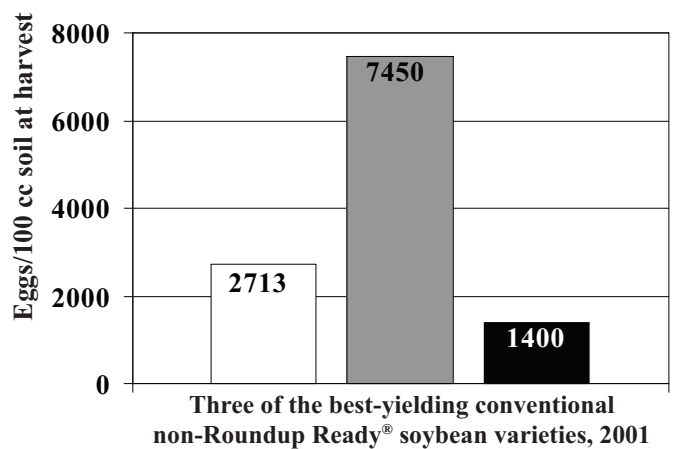


Figure 3. End-of-season SCN egg population densities in plots of the three best-yielding conventional (non-Roundup Ready®) soybean varieties in a north-central Iowa variety trial location in 2001. The least-significant-difference value is 5,430.

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 that occur 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 sources of SCN resistance that are available?

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 PUSCN14 resistance, the latter also known as CystX® resistance). Additionally, there are two varieties in this list with resistance genes from PI209332 available from the University of Minnesota. 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 have increased dramatically in 2006. This may be a consequence of using resistant varieties with PI88788 source of resistance numerous times in the past several years. Unfortunately, of the 743 SCN-resistant soybean varieties included in this publication, all but 24 have PI88788 as a source of resistance.

Iowa State University recommends growing nonhost crops, such as corn, in conjunction with soybean varieties with different sources of resistance in a crop rotation scheme to discourage the buildup of nematode populations that reproduce readily on resistant soybean varieties. If growers cannot 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).

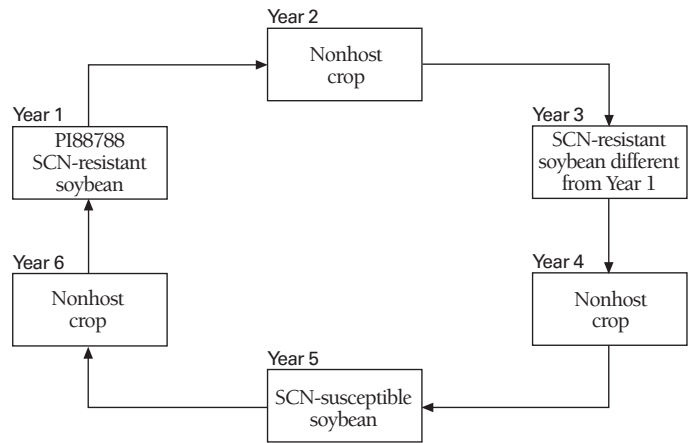


Figure 4. Recommended crop rotation for fields with low or moderate SCN population densities.

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

Iowa State University recommends that SCN-resistant soybean varieties be grown in fields with low or moderate SCN population densities, even fields with very low levels of the nematode. The reason for 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 West Main, Albert Lea, MN 56007, 507-373-3161, seedhouse@alseed.com, www.alseed.com					
VIKING	1668CNRR	1.6	Y	2.2	PI88788
VIKING	1978CBR	1.9	Y	2.1	Peking/PI88788
VIKING	1908CNRR	1.9	Y	2.1	PI88788
Crow's Hybrid Corn Co., P.O. Box 157, Kentland, IN 47951, 800-331-7201, www.crowshybrid.com					
Crow's Hybrid Corn Co.	C1615R	1.6	Y	2.0	PI88788
Crow's Hybrid Corn Co.	C1815R	1.8	Y	1.9	PI88788
Dairyland Seed Co., Inc., P.O. Box 958, 3570 Hwy. H, West Bend, WI 53095, 800-236-0163, www.dairylandseed.com					
Dairyland	DSR-1500/RRSTS	1.5	Y	2.7	Not Given
Dairyland	DSR-1700/STS	1.7	N	2.8	Not Given
Dairyland	DSR-199/RRSTS	1.9	Y	2.3	Not Given
Dyna-Gro, 104 Harrison, Emmetsburg, IA 50536, www.dynagro.com					
Dyna-Gro	33X19	1.9	Y	1.5	PI8878
Excel Brand Seed, P.O. Box 320, Camp Point, IL 62320, 800-969-6717					
EXCEL	7198NSTS	1.7	N	2.5	PI88788
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	2.3	PI88788
Farm Advantage	7163N	1.6	Y	1.9	PI88788
Farm Advantage	7182N	1.8	Y	1.5	PI88788
Farm Advantage	7193N	1.9	Y	2.3	PI88788
Farmers Cooperative, 105 Garfield Avenue, Farnhamville, IA 50538, www.fccoop.com					
Farmers Coop	1329RR-SCN	1.5	Y	1.6	PI88788
Fontanelle Hybrids, 10981 8th Street, Fontanelle, NE 68044, 800-279-4353, www.fontanelle.com					
Fontanelle Hybrids	7565NRR	1.6	Y	1.9	PI88788
Garst Seed Company, 2369 330th Street, Slater, IA 50244, 515-685-5000 or 800-GO-GARST, garstguy@garstseedco.com, www.garstseed.com					
NK	S08-M8	0.8	Y	3.0	PI88788
Garst	1212RR/N	1.2	Y	2.0	PI88788
NK	S15-E3	1.5	Y	4.0	PI88788
NK	S17-A1	1.7	Y	4.0	PI88788
Garst	1824RR/N	1.8	Y	2.0	PI88788
NK	S19-L7	1.9	Y	2.0	PI88788
Gold Country Seed, Inc., 16506 Hwy. 15 N., Hutchinson, MN 55350, 800-795-8544, gcs@goldcountryseed.com, www.goldcountryseed.com					
Gold Country Seed	2609NRR	0.9	Y	2.2	PI88788
Gold Country Seed	7413NRR	1.3	Y	1.9	PI88788
Gold Country Seed	6714NRR	1.4	Y	2.4	PI88788
Gold Country Seed	3517NRR	1.7	Y	1.8	PI88788
Gold Country Seed	2717NRR	1.7	Y	2.6	PI88788
Gold Country Seed	1718NRR/STS	1.8	Y	2.0	PI88788
Hoegemeyer Hybrids, 1755 Hoegemeyer Road, Hooper, NE 68031, 402-654-3399, askus@therightseed.com, www.therightseed.com					
Hoegemeyer	181NRR	1.8	Y	2.3	PI88788
Iowa State University, ISURF, 310 Lab of Mechanics, Ames, IA 50011-2131, 515-294-9442, www.ag.iastate.edu/centers/cad					
ISU	IA1008	1.0	N	3.3	PI87788
ISU	IA1008LF	1.0	N	Not Given	PI87788

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
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	1.9	PI88788
Kaltenberg	KB196RR	1.9	Y	1.9	PI88788
Kruger Seed Company, Hwy. 20 East, P.O. Box A, Dike, IA 50624, 800-772-2721, info@krugerseed.com, www.krugerseed.com					
Kruger	K-166RR/SCN	1.6	Y	2.3	PI88788
Kruger	K-188RR/SCN	1.7	Y	2.7	PI88788
Latham Seed Company, 131 180th Street, Alexander, IA 50420, 800-798-3258, latham@lathamseeds, www.lathamseeds.com					
LATHAM	L1338R	1.3	Y	1.7	PI88788
LATHAM	L1401RX	1.4	Y	2.8	CystX®
LATHAM	L1783R	1.7	Y	1.8	PI88788
LATHAM	L1838R	1.8	Y	2.2	PI88788
LG Seeds, 1107 West Lincolnway, Jefferson, IA 50129, 515-386-2559, greg.peters@lgseeds.com, www.lgseeds.com					
LG Seeds	C1920NRR	1.9	Y	2.0	PI88788
Midwest Seed Genetics, 23751 Hwy. 30 East, P.O. Box 518, Carroll, IA 51401, 800-369-8218, www.midwestseed.com					
Midwest Seed Genetics	GR1631	1.6	Y	2.0	PI88788
Midwest Seed Genetics	GR1831	1.8	Y	1.9	PI88788
Monsanto Company, 800 N. Lindbergh Blvd., St. Louis, MO 63167, 800-335-2676, www.monsanto.com, www.asgrow.com, www.dekalb.com					
Asgrow	AG0803	0.8	Y	2.0	PI88788
Asgrow	AG1402	1.4	Y	2.0	PI88788
DEKALB	DKB16-52	1.6	Y	3.0	PI88788
Mustang Seeds, 306 S. Washington, Madison, SD 57042, 605-256-6529, www.mustangseeds.com					
Mustang Seeds	M-166NRR	1.6	Y	2.1	PI88788
Mustang Seeds	M-177NRR	1.7	Y	2.2	PI88788
Mycogen Seeds, 9330 Zionsville Road, Indianapolis, IN 46268, 800-692-6436, www.dowagro.com/mycogen/contact/email.htm, www.mycogen.com					
Atlas	Mycogen 5N152RR	1.5	Y	1.5	PI88788
NC+ Hybrids, P.O. Box 4408, Lincoln, NE 68504-0408, 800-279-7999, www.nc-plus.com					
NC+	1A62RR	1.6	Y	2.0	PI88788
NC+	1A81RR	1.8	Y	1.9	PI88788
NK Brand - Syngenta Seeds, Inc., P.O. Box 703, Ames, IA 50010, 515-233-5395, johnharker@syngenta.com					
NK® Brand	S17-A1	1.7	Y	3.0	PI88788
NK® Brand	S18-N5	1.8	N	2.5	PI88788
NK® Brand	S19-L7	1.9	Y	2.0	PI88788
NuTech Seed, 40321 130th Avenue, Leland, IA 50453, 877-561-9067, seed1of2@aol.com, www.yieldleader.com					
NuTech Seed	NT-0801 RR/SCN	0.8	Y	3.0	PI88788
NuTech Seed	NT-1111 RR/SCN	1.1	Y	2.5	PI88788
NuTech Seed	NT-1514 RR/SCN	1.5	Y	2.8	PI88788
NuTech Seed	NT-1617 RR/SCN	1.6	Y	2.8	PI88788
NuTech Seed	NT-1717 RR/SCN	1.7	Y	3.4	PI88788
NuTech Seed	NT-193 SCN	1.9	N	2.8	PI88788
NuTech Seed	NT-7193 RR/SCN	1.9	Y	3.0	PI88788
Pannar Seed, 40329 Hwy. 14E, Huron, SD 57350, 605-352-8791, info@pannarusa.com, www.pannarusa.com					
Pannar Seed	0810NRR	0.8	Y	2.0	PI88788
Pannar Seed	1320NRR	1.3	Y	1.5	PI88788
Pannar Seed	1990NRR	1.9	Y	2.0	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., 8200 Cody Drive, Suite A, Lincoln, NE 68512, 402-467-5458, brent.wilson@pioneer.com, www.pioneer.com					
Pioneer	91M61	1.6	Y	2.0	PI88788
Pioneer	91M90	1.9	Y	3.0	Peking
Pioneer	91M91	1.9	Y	3.5	Peking
Prairie Brand Seed Co., 15 X Avenue, Story City, IA 50248, 800-544-8751, mike@prairiebrandseed.com, www.prairiebrandseed.com					
Prairie Brand	PB-0885NRR	0.8	Y	2.5	PI88788
Prairie Brand	PB-1585NRR	1.5	Y	2.2	PI88788
Prairie Brand	PB-1694NRR	1.6	Y	1.5	PI88788
Prairie Brand	PB-1885NRR	1.8	Y	2.5	PI88788
Prairie Brand	PB-1936NRR	1.9	Y	2.0	PI88788
Renze Hybrids, 27410 Kittyhawk Avenue, Carroll, IA 51401, 712-669-3301, renze@netins.net, www.renzehybrids.com					
Renze	R1836SRcn	1.8	Y	2.0	PI88788
Sand Seed Service, Inc., 4765 Hwy. 143, Marcus, IA 51035, 712-376-4135, soi@sandsofiowa.com, www.sandsofiowa.com					
Sands	1771NRR	1.7	Y	2.0	PI88788
Sands	1867NRR	1.8	Y	2.0	PI88788
Sands	1874NRR	1.8	Y	3.0	PI88788
Stauffer Seeds, 1426 Hwy. 71 North, P.O. Box 128, Carroll, IA 51401, 712-792-2525, info@staufferseeds.com, www.staufferseeds.com					
Stauffer Seeds	4171NR	1.7	Y	1.5	PI88788
Stine Seed Company, 22555 Laredo Trail, Adel, IA 50003, 515-677-2605, info@stineseeds.com, www.stinseed.com					
STINE	1502-4	1.5	Y	Not Given	PI88788
STINE	1832-4	1.8	Y	Not Given	PI88788
STINE	1932-4	1.9	Y	Not Given	PI88788
Trelay Seed Co., 11623 State Rd. 80, Livingston, WI 53554, 608-943-6363, 800-421-0397, jasonb@trelay.com, www.trelay.com					
Trelay	2156RR	1.5	Y	2.1	PI88788
Trelay	2174RR	1.7	Y	1.8	PI88788
Trelay	2183RR	1.8	Y	2.4	PI88788
University of Minnesota, Minnesota Agricultural Experiment Station, St. Paul, MN 55108					
MN Ag. Exp. Station	MN 0902CN	0.9	N	Not Given	PI88788
MN Ag. Exp. Station	MN 1006CN	1.0	N	Not Given	PI88788/PI209332
MN Ag. Exp. Station	Freeborn	1.6	N	2.5	PI88788
MN Ag. Exp. Station	Fairbault	1.9	N	3.2	PI209332
Wensman Seed, 63585 West Highway Ten, Wadena, MN 56482, 218-631-2954, wensman@wensmanseed.com, www.wensmanseed.com					
Wensman	W 2168NRR	1.6	Y	1.9	PI88788
Wensman	W 2172NRR	1.7	Y	2.0	PI88788
Wensman	W 2195NRR	1.9	Y	1.7	PI88788
Ziller Seed Co., Inc., 76374 380th Street, Bird Island, MN 55310, 320-365-3674, zscsales@zillerseed.com, www.zillerseed.com					
Ziller	BT 7083NR	0.8	Y	1.9	PI88788
Ziller	BT 7156NR	1.5	Y	1.7	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
AgVantage FS, Inc., 1600 8th Street SW, P.O. Box 828, Waverly, IA 50677, 319-483-4900, mailus@agvantagefs.com, http://home.agvantagefs.com					
FS Seed	HS2036	2.0	Y	2.0	PI88788
FS Seed	HS2456	2.4	Y	3.0	PI88788
FS Seed	HS2656	2.6	Y	2.5	PI88788
FS Seed	HS2846	2.8	Y	2.5	PI88788
FS Seed	HS2956	2.9	Y	2.5	PI88788
AgVenture Profiseed, 1691 Hwy. 65, Hampton, IA 50441, 641-456-4751, lee@profiseed.com, www.agventure.com					
AgVenture	AV20G0NRR	2.0	Y	2.1	PI88788
AgVenture	AV4204NRR	2.0	Y	2.0	PI88788
AgVenture	AV24D9NRR	2.4	Y	3.0	PI88788
AgVenture	AV28T8NRR	2.8	Y	2.2	PI88788
AgVenture	AV29D7NRR	2.9	Y	2.5	PI88788
Albert Lea Seed House, 1414 West Main, Albert Lea, MN 56007, 507-373-3161, seedhouse@alseed.com, www.alseed.com					
VIKING	2171CN	2.1	N	2.3	Peking
VIKING	2181CN	2.1	N	2.1	PI88788
VIKING	2368CNRR	2.3	Y	2.4	PI88788
Bo-Jac Seed Co., 245 1500th Avenue, Mt. Pulaski, IL 62548, 800-397-2069, larry@bo-jac.com, www.bo-jac.com					
Mavrick	6241RR	2.4	Y	2.5	PI88788
Mavrick	4262RR	2.6	Y	2.7	PI88788
Mavrick	5284RR	2.8	Y	2.4	PI88788
Mavrick	3292	2.9	N	2.5	PI88788
Champion Seed/Matforts Brothers Farms Inc., 3069 330th Street, Ellsworth, IA 50075, 515-836-2141, championseed@netins.net					
Champion Seed	CS205NRR	2.0	Y	2.4	PI88788
Champion Seed	CS227NRR	2.2	Y	2.0	PI88788
Champion Seed	CS2350CN	2.3	N	2.4	PI88788
Champion Seed	CS246NRR	2.4	Y	3.1	PI88788
Champion Seed	CS257NRR	2.5	Y	2.4	PI88788
Champion Seed	CS267NRR	2.6	Y	1.9	PI88788
Champion Seed	CS287NRR	2.8	Y	2.0	PI88788
Croplan Genetics, P.O. Box 64281 MS 5850, St. Paul, MN 55164-0281, 651-765-5712, info@croplangenetics.com					
Croplan Genetics	RC2020	2.0	Y	2.5	PI88788
Croplan Genetics	RC2260	2.2	Y	2.0	PI88788
Croplan Genetics	RC2405	2.4	Y	3.0	PI88788
Croplan Genetics	RC2620	2.6	Y	2.5	PI88788
Croplan Genetics	RC2754	2.7	Y	2.7	PI88788
Croplan Genetics	RC2832	2.8	Y	3.0	PI88788
Crow's Hybrid Corn Co., P.O. Box 157, Kentland, IN 47951, 800-331-7201, www.crowshybrid.com					
Crow's Hybrid Corn Co.	C2015R	2.0	Y	1.9	PI88788
Crow's Hybrid Corn Co.	C2215R	2.2	Y	1.9	PI88788
Crow's Hybrid Corn Co.	C2417R	2.4	Y	2.6	PI88788
Crow's Hybrid Corn Co.	C2617R	2.6	Y	2.5	PI88788
Crow's Hybrid Corn Co.	C2718R	2.7	Y	2.5	PI88788
Crow's Hybrid Corn Co.	CV271R	2.7	Y	3.2	PI88788
Crow's Hybrid Corn Co.	C2815R	2.8	Y	2.3	PI88788
Crow's Hybrid Corn Co.	C2917R	2.9	Y	2.5	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
Dairyland Seed Co., Inc., P.O. Box 958, 3570 Hwy. H, West Bend, WI 53095, 800-236-0163, www.dairylandseed.com					
Dairyland	DSR-2000/RRSTS	2.0	Y	2.3	PI88788
Dairyland	DSR-221/RR	2.2	Y	2.4	Not Given
Dairyland	DSR-234/RR	2.3	Y	2.7	Not Given
Dairyland	DSR-2511/RR	2.6	Y	2.3	PI88788
Dairyland	DSR-2600/RR	2.6	Y	2.5	Not Given
Dairyland	DSR-2820/RR	2.8	Y	2.6	Not Given
Dairyland	DSR-2850/RRSTSHP	2.8	Y	1.8	Hartwig/Peking
Dairyland	DSR-2929/RR	2.9	Y	2.8	PI88788
Davis Seed Company, 20847 Hwy. J5T, Moravia, IA 52571, 641-724-9090, davisseed@hotmail.com					
Davis Seed Inc.	3727RRCN	2.7	Y	2.2	PI88788
Davis Seed Inc.	3728RRCN	2.8	Y	1.7	PI88788
Davis Seed Inc.	3629RRCN	2.9	Y	2.4	PI88788
Dyna-Gro, 104 Harrison, Emmetsburg, IA 50536, www.dynagro.com					
Dyna-Gro	31D20 (SX06720)	2.0	Y	2.3	PI88788
Dyna-Gro	37Y21 (SX06821)	2.1	Y	1.9	PI88788
Dyna-Gro	36F22 (SX06220)	2.2	Y	1.9	PI88788
Dyna-Gro	37G24	2.4	Y	1.7	PI88788
Dyna-Gro	36D24	2.4	Y	2.6	PI88788
Dyna-Gro	35F25 (SX06325)	2.5	Y	2.0	PI88788
Dyna-Gro	33D27 (SX06927)	2.7	Y	2.5	PI88788
Dyna-Gro	35J27 (SX06427V)	2.7	Y	Not Given	PI88788
Dyna-Gro	36C28 (SX06128)	2.8	Y	1.7	PI88788
Dyna-Gro	35P29	2.9	Y	1.9	PI88788
Excel Brand Seed, P.O. Box 320, Camp Point, IL 62320, 800-969-6717					
EXCEL	8211NRR	2.1	Y	2.5	PI88788
EXCEL	8236NRR	2.3	Y	2.7	PI88788
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	2.5	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	2.5	Peking
Farm Advantage	7214N	2.1	Y	2.5	PI88788
Farm Advantage	7235N	2.3	Y	2.8	PI88788
Farm Advantage	2444N	2.4	N	2.4	Peking
Farm Advantage	7244N	2.4	Y	2.4	PI88788
Farm Advantage	7252N	2.5	Y	2.1	PI88788
Farm Advantage	7272N	2.7	Y	2.4	PI88788
Farm Advantage	7285N	2.8	Y	2.7	PI88788
Farm Advantage	2955N	2.9	N	2.8	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
Farmers Cooperative, 105 Garfield Avenue, Farnhamville, IA 50538, www.fccoop.com					
Farmers Coop	2049RR-SCN	2.0	Y	2.1	PI88788
Farmers Coop	2229RR-SCN	2.2	Y	1.5	PI88788
Farmers Coop	2399RR-SCN	2.4	Y	2.7	PI88788
Farmers Coop	2439RR-SCN	2.4	Y	2.4	PI88788
Farmers Coop	2619RR-SCN	2.6	Y	2.0	PI88788
Farmers Coop	2699RR-SCN	2.7	Y	2.7	PI88788
Farmers Coop	2799RR-SCN	2.7	Y	1.7	PI88788
Farmers Coop	2959RR-SCN	2.9	Y	2.5	PI88788
Fontanelle Hybrids, 10981 8th Street, Fontanelle, NE 68044, 800-279-4353, www.fontanelle.com					
Fontanelle Hybrids	8301NRR	2.0	Y	2.0	PI88788
Fontanelle Hybrids	8622NRR	2.2	Y	1.9	PI88788
Fontanelle Hybrids	8460NRR	2.6	Y	2.3	PI88788
Fontanelle Hybrids	8665NRR	2.6	Y	1.8	PI88788
Fontanelle Hybrids	27L44NRR	2.7	Y	Not Given	PI88788
Fontanelle Hybrids	8687NRR	2.8	Y	2.5	PI88788
Four Star Seed Co., 2929 335th Street, Logan, IA 51546, 712-644-1400, dkenealy@loganet.net, www.4starseed.com					
Four Star Seed	2123RR	2.1	Y	1.9	PI88788
Four Star Seed	2241RR	2.4	Y	2.4	PI88788
Four Star Seed	2282RR	2.8	Y	2.3	PI88788
Four Star Seed	2285RR	2.8	Y	1.7	PI88788
Garst Seed Company, 2369 330th Street, Slater, IA 50244, 515-685-5000 or 800-GO-GARST, garstguy@garstseedco.com, www.garstseed.com					
Garst	1974N	2.0	N	3.0	PI88788
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
Garst	2972N	2.9	N	1.0	PI88788
NK	S29-J6	2.9	Y	3.0	PI88788
Gold Country Seed, Inc., 16506 Hwy. 15 N., Hutchinson, MN 55350, 800-795-8544, gcs@goldcountryseed.com, www.goldcountryseed.com					
Gold Country Seed	2420NRR	2.0	Y	2.6	PI88788
Gold Country Seed	3724NRR	2.4	Y	2.3	PI88788
Gold Country Seed	3624XNRR	2.4	Y	3.2	CystX®
Golden Harvest Seeds, Box 431, Walford, IA 52351, 563-320-7461, www.goldenharvestseeds.com					
NK	H-2181	2.1	Y	2.0	PI88788
NK	S26-V6	2.6	Y	3.0	PI88788
NK	H-2752	2.7	Y	3.0	PI88788
NK	S29-J6	2.9	Y	3.0	PI88788
Great Lakes Hybrids, 9915 W M-21, Ovid, MI 48879, 989-834-2251, www.greatlakeshybrids.com					
Great Lakes Hybrids	GL 2009RR	2.0	Y	2.1	PI88788
Great Lakes Hybrids	GL 2309	2.3	N	2.5	PI88788
Great Lakes Hybrids	GL 2439RR	2.4	Y	2.2	PI88788
Great Lakes Hybrids	GL 2619RR	2.6	Y	2.3	PI88788
Great Lakes Hybrids	GL 2719RR	2.7	Y	2.3	PI88788
Great Lakes Hybrids	GL 2909RR	2.9	Y	2.5	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
GROWMARK Inc. (FS Seed), 1701 Towanda Avenue, Bloomington, IL 61701, 309-557-6399, HiSoy@growmark.com, www.fsseed.com					
FS HiSOY®	HS 2036 Brand	2.0	Y	2.1	PI88788
FS HiSOY®	HS 2431 Brand	2.4	Y	2.5	PI88788
FS HiSOY®	HS 2456 Brand	2.4	Y	3.0	PI88788
FS HiSOY®	HS 2648 Brand	2.6	Y	3.0	PUSCN14
FS HiSOY®	HS 2656 Brand	2.6	Y	2.5	PI88788
FS HiSOY®	HS 2846 Brand	2.8	Y	2.5	PI88788
FS HiSOY®	HS 2869V Brand	2.8	Y	Not Given	PI88788
FS HiSOY®	HS 2911 Brand	2.9	N	3.0	PI88788
FS HiSOY®	HS 2956 Brand	2.9	Y	2.5	PI88788
Hawkeye Hybrid Inc., 2165 Idaho Dr., Pella, IA 50219, 641-628-3827, hawkeyeh@lisco.net					
Hawkeye Hybrid	8256RR	2.5	Y	3.0	PI88788
Hawkeye Hybrid	8275RR	2.7	Y	1.0	PI88788
Hawkeye Hybrid	8298RR	2.9	Y	1.0	PI88788
Hoegemeyer Hybrids, 1755 Hoegemeyer Road, Hooper, NE 68031, 402-654-3399, askus@therightseed.com, www.therightseed.com					
Hoegemeyer	206NRR	2.0	Y	2.1	PI88788
Hoegemeyer	242NRR	2.4	Y	2.8	PI88788
Hoegemeyer	293NRR	2.9	Y	2.5	PI88788
Iowa State University, ISURF, 310 Lab of Mechanics, Ames, IA 50011-2131, 515-294-9442, www.ag.iastate.edu/centers/cad					
ISU	AR1	2.0	N	Not Given	PI88788
ISU	IA2036LF	2.0	N	3.3	PI88788
ISU	IA2068	2.0	N	3.1	PI88788
Jacobsen Hybrid Corn Co. Inc., 129 9th Street, Lake View, IA 51450, 800-761-1024, jaco_seed@netins.net					
Jacobsen	J730NR	2.0	Y	1.5	PI88788
Jacobsen	J761NR	2.2	Y	1.1	PI88788
Jacobsen	J754NR	2.4	Y	2.4	PI88788
Jacobsen	J867NR	2.7	Y	2.1	PI88788
Jacobsen	J848NR	2.8	Y	2.2	PI88788
Jacobsen	J859NR	2.9	Y	3.2	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	KB236RR	2.3	Y	2.7	PI88788
Kaltenberg	KB245RR	2.4	Y	1.3	PI88788
Kaltenberg	KB247RR	2.4	Y	2.6	PI88788
Kaltenberg	KB257RR	2.5	Y	1.9	PI88788
Kaltenberg	KB264RR	2.6	Y	2.5	PI88788
Kaltenberg	KB266RR	2.6	Y	2.5	PI88788
Kaltenberg	KB295RR	2.9	Y	2.7	PI88788
Kruger Seed Company, Hwy. 20 East, P.O. Box A, Dike, IA 50624, 800-772-2721, info@krugerseed.com, www.krugerseed.com					
Kruger	K-195+RR/SCN	2.0	Y	2.6	PI88788
Kruger	K-201RR/SCN	2.0	Y	2.8	PI88788
Kruger	K-210RR/SCN	2.1	Y	2.7	PI88788
Kruger	K-222RR/SCN	2.2	Y	2.6	PI88788
Kruger	K-223+RR	2.2	Y	2.5	PI88788
Kruger	K-235RR/SCN	2.4	Y	2.9	PI88788
Kruger	K-244RR/SCN	2.5	Y	2.6	PI88788
Kruger	K-272RR/SCN/LINO	2.7	Y	Not Given	PI88788
Kruger	K-275RR/SCN	2.8	Y	2.9	PI88788
Kruger	K-283RR/SCN	2.8	Y	2.6	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 Seed Company, continued					
Kruger	K-287RR/SCN	2.8	Y	2.5	PI88788
Kruger	K-2918SCN	2.9	N	2.9	PI88788
Kruger	K-292RR/SCN	2.8	Y	2.9	PI88788
Kruger	K-294RR/SCN	2.9	Y	2.7	Peking
Latham Seed Company, 131 180th Street, Alexander, IA 50420, 800-798-3258, latham@lathamseeds, www.lathamseeds.com					
LATHAM	L2038R	2.0	Y	2.3	PI88788
LATHAM	L2380	2.3	N	2.5	PI88788
LATHAM	E2410X	2.4	N	2.7	CystX®
LATHAM	L2412RX	2.4	Y	2.6	CystX®
LATHAM	L2468R	2.4	Y	2.8	PI88788
LATHAM	688RRN	2.5	Y	2.2	PI88788
LATHAM	L2611RX	2.6	Y	2.8	CystX®
LATHAM	L2620RX	2.6	Y	2.6	CystX®
LATHAM	E2783	2.7	N	2.4	PI88788
LATHAM	L2780RV	2.7	Y	2.9	PI88788
LATHAM	L2884R	2.8	Y	2.3	PI88788
LATHAM	L2987R	2.9	Y	2.5	PI88788
Lewis Hybrids, Inc., 530 West Maple Avenue, Ursa, IL 62376, 800-252-7851, scott@lewishybrids.com, www.lewishybrids.com					
Lewis Hybrids	2887	2.8	Y	3.5	PI88788
Lewis Hybrids	2909	2.9	Y	3.0	PI88788
LG Seeds, 1107 West Lincolnway, Jefferson, IA 50129, 515-386-2559, greg.peters@lgseeds.com, www.lgseeds.com					
LG Seeds	C2227NRR	2.2	Y	3.2	PI88788
LG Seeds	C2662NRR	2.6	Y	3.2	PI88788
LG Seeds	C2988NRR	2.9	Y	3.0	PI88788
Merschman Seeds, Inc., 103 Avenue D, West Point, IA 52656, 319-837-6111 or 800-848-7333, merseeds@merschmanseeds.com, www.merschmanseeds.com					
Merschman Seeds Inc.	Navaho 720RR	2.0	Y	2.3	PI88788
Merschman Seeds Inc.	Mohegan 624RR	2.4	Y	3.0	PI88788
Merschman Seeds Inc.	Comanche 725RR	2.5	Y	2.0	PI88788
Merschman Seeds Inc.	Apache 626RR	2.6	Y	3.3	PI88788
Merschman Seeds Inc.	Shawnee 527RR	2.7	Y	2.7	PI88788
Merschman Seeds Inc.	Cheyenne 727RRV	2.7	Y	Not Given	PI88788
Merschman Seeds Inc.	Chickasaw 728RR	2.8	Y	1.7	PI88788
Merschman Seeds Inc.	Cherokee 729 RR	2.9	Y	2.7	PI88788
Midwest Seed Genetics, 23751 Hwy. 30 East, 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	GR2432	2.4	Y	2.6	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	GR2933	2.9	Y	2.5	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
Monsanto Company, 800 N. Lindbergh Blvd., St. Louis, MO 63167, 800-335-2676, www.monsanto.com, www.asgrow.com, www.dekalb.com					
Asgrow	AG2002	2.0	Y	2.0	PI88788
Asgrow	AG2107	2.1	Y	1.0	PI88788
Asgrow	A2442	2.4	N	3.0	PI88788
Asgrow	AG2406	2.4	Y	3.0	PI88788
Asgrow	AG2422V	2.4	Y	3.0	PI88788
DEKALB	DKB24-52	2.4	Y	3.0	PI88788
Asgrow	AG2603	2.6	Y	4.0	PI88788
DEKALB	DKB27-52	2.7	Y	2.0	PI88788
DEKALB	DKB27-53	2.7	Y	3.0	PI88788
Asgrow	AG2802	2.8	Y	2.0	PI88788
Asgrow	AG2821V	2.8	Y	Not Given	PI88788
Munson Hybrids, Inc., 1262 Knox Road 100E, Galesburg, IL 61401, 309-343-8410, munshyhb@galesburg.net, www.munsonhybrids.com					
MUNSON	8287RR	2.8	Y	2.4	PI88788
MUNSON	8296RR	2.9	Y	2.5	PI88788
Mustang Seeds, 306 S. Washington, Madison, SD 57042, 605-256-6529, www.mustangseeds.com					
Mustang Seeds	M-217NRR	2.1	Y	1.9	PI88788
Mustang Seeds	M-246NRR	2.4	Y	2.7	PI88788
Mustang Seeds	M-247NRR	2.4	Y	2.0	PI88788
Mustang Seeds	M-277NRR	2.7	Y	2.6	PI88788
Mustang Seeds	M-286NRR	2.8	Y	2.3	PI88788
Mycogen Seeds, 9330 Zionsville Road, Indianapolis, IN 46268, 800-692-6436, www.dowagro.com/mycogen/contact/email.htm, www.mycogen.com					
Atlas	Mycogen 5N203RR	2.0	Y	1.5	PI88788
Atlas	Mycogen 5N232RR	2.3	Y	2.0	PI88788
Atlas	Mycogen 5N272RR	2.7	Y	2.0	PI88788
Naylor Seed, 16600 116th Avenue, Scotch Grove, IA 52310, 319-465-3035, info@naylorseed.com, www.naylorseed.com					
EXCEL	8260 NNRR	2.6	Y	2.7	PI88788
NC+ Hybrids, P.O. Box 4408, Lincoln, NE 68504-0408, 800-279-7999, www.nc-plus.com					
NC+	2A14RR	2.0	Y	1.9	PI88788
NC+	2A30RR	2.2	Y	1.9	PI88788
NC+	2A45RR	2.4	Y	2.6	PI88788
NC+	2A78RR	2.7	Y	2.5	PI88788
NC+	2V71RR	2.7	Y	3.2	PI88788
NC+	2A94RR	2.9	Y	2.5	PI88788
NK Brand - Syngenta Seeds, Inc., P.O. Box 703, Ames, IA 50010, 515-233-5395, johnharker@syngenta.com					
NK® Brand	S22-F5	2.2	Y	3.0	PI88788
NK® Brand	S26-V6	2.6	Y	3.5	PI88788
NK® Brand	S28-Y2	2.8	Y	3.0	PI88788
NK® Brand	S29-J6	2.9	Y	3.0	PI88788
NuTech Seed, 40321 130th Avenue, Leland, IA 50453, 877-561-9067, seed1of2@aol.com, www.yieldleader.com					
NuTech Seed	NT-2121 RR/SCN	2.1	Y	2.9	PI88788
NuTech Seed	NT-2222 RR/SCN	2.2	Y	3.1	PI88788
NuTech Seed	NT-2324 RR/SCN	2.3	Y	3.3	PI88788
NuTech Seed	NT-236 SCN	2.3	N	2.6	Peking
NuTech Seed	NT-242 SCN	2.4	N	3.1	PI88788
NuTech Seed	NT-2424 RR/SCN	2.4	Y	3.5	PI88788
NuTech Seed	NT-2444 RR/SCN	2.4	Y	3.1	PI88788
NuTech Seed	NT-256 SCN	2.5	N	2.7	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
NuTech Seed, continued					
NuTech Seed	NT-2616 RR/SCN	2.6	Y	2.5	PI88788
NuTech Seed	NT-2660 RR/SCN	2.6	Y	2.0	PI88788
NuTech Seed	NT-2711 RR/SCN	2.7	Y	3.2	PI88788
NuTech Seed	NT-276 SCN	2.7	N	2.3	PI88788
NuTech Seed	NT-2777 RR/SCN	2.7	Y	3.8	PI88788
Ottilie RO Seed, 1462 Sanford Avenue, Marshalltown, IA 50158, 641-753-5561, ottiliero@hughes.net, www.ottilieseed.com					
Ottilie RO	8218RRN	2.1	Y	1.8	PI88788
Ottilie RO	8222N	2.2	N	1.9	Peking
Ottilie RO	8245RRN	2.4	Y	2.4	PI88788
Ottilie RO	8269RRN	2.6	Y	1.8	PI88788
Ottilie RO	8272RRN	2.7	Y	1.7	PI88788
Ottilie RO	8273FN	2.7	N	NA	PI88788
Ottilie RO	8290RRN	2.9	Y	2.3	PI88788
Pannar Seed, 40329 Hwy. 14E, Huron, SD 57350, 605-352-8791, info@pannarusa.com, www.pannarusa.com					
Pannar Seed	2470NRR	2.4	Y	2.6	PI88788
Pioneer Hi-Bred International, Inc., 8200 Cody Drive, Suite A, Lincoln, NE 68512, 402-467-5458, brent.wilson@pioneer.com, www.pioneer.com					
Pioneer	92M01	2.0	Y	5.0	PI88788
Pioneer	92B12	2.1	N	3.5	Peking
Pioneer	92M30	2.3	Y	3.0	PI88788
Pioneer	92M33	2.3	Y	4.5	PI88788
Pioneer	92M40	2.4	Y	4.0	PI88788
Pioneer	92M52	2.5	Y	3.0	Peking
Pioneer	92M61	2.6	Y	3.0	PI88788
Pioneer	92M70	2.7	Y	3.0	PI88788
Pioneer	92M74	2.7	Y	4.0	PI88788
Pioneer	92M75	2.7	Y	3.5	Peking
Pioneer	92M92	2.9	Y	4.5	PI88788
Prairie Brand Seed Co., 15 X Avenue, Story City, IA 50248, 800-544-8751, mike@prairiebrandseed.com, www.prairiebrandseed.com					
Prairie Brand	PB-2056NRR	2.0	Y	2.5	PI88788
Prairie Brand	PB-2183NRR	2.0	Y	2.0	PI88788
Prairie Brand	PB-2236NRR	2.2	Y	2.0	PI88788
Prairie Brand	PB-2316NRR	2.3	Y	3.0	PI88788
Prairie Brand	PB-2494NRR	2.4	Y	2.5	PI88788
Prairie Brand	PB-2596NRR	2.5	Y	2.2	PI88788
Prairie Brand	PB-2636NRR	2.6	Y	2.5	PI88788
Prairie Brand	PB-2794NRR	2.7	Y	2.0	PI88788
Prairie Brand	PB-2896NRR	2.8	Y	2.2	PI88788
Prairie Brand	PB-2994NRR	2.9	Y	3.0	PI88788
Rainbow Seeds Inc., 1816 Hwy. 163, Oskaloosa, IA 52577, 800-373-9401, Deb@rainbowseeds.com, www.rainbowseeds.com					
Rainbow	4266NRR	2.6	Y	1.5	PI88788
Rainbow	4281NRR	2.8	Y	1.5	PI88788
Rainbow	4295NRR	2.9	Y	1.7	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
Renze Hybrids, 27410 Kittyhawk Avenue, Carroll, IA 51401, 712-669-3301, renze@netins.net, www.renzehybrids.com					
Renze	R2094RRcn	2.0	Y	2.1	PI88788
Renze	R2287RRcn	2.2	Y	1.8	PI88788
Renze	R2496RRcn	2.4	Y	2.8	PI88788
Renze	R2587RRcn	2.5	Y	2.1	PI88788
Renze	R2885RRcn	2.8	Y	2.3	PI88788
Renze	R2887RRcn	2.8	Y	1.6	PI88788
Renze	R2996RRcn	2.9	Y	2.5	PI88788
Sand Seed Service, Inc., 4765 Hwy. 143, Marcus, IA 51035, 712-376-4135, soi@sandsofiowa.com, www.sandsofiowa.com					
Sands	2122NRR	2.1	Y	2.0	PI88788
Sands	2151NRR	2.1	Y	2.0	PI88788
Sands	2334N	2.3	N	1.5	PI88788
Sands	2341NRR	2.3	Y	2.5	PI88788
Sands	239N	2.3	N	3.0	PI88788
Sands	2467NRR	2.4	Y	3.5	PI88788
Sands	2511NRR	2.5	Y	2.0	PI88788
Sands	2675NRR	2.6	Y	3.0	PI88788
Schillinger Seed, 4200 Corporate Dr., Suite 106, West Des Moines, IA 50266, 515-225-1166, info@schillingerseed.com, www.schillingerseed.com					
Schillinger	235.TC	2.3	N	3.0	PI88788
Schillinger	236T.HP	2.3	N	1.3	PI88788
Schlessman Seed Company, 11513 U.S. Route 250, Milan, OH 44846, 419-499-2572, seedco@accnorwalk.com, www.schlessman-seed.com					
SSC	273CNRR	2.7	Y	Not Given	PI88788
Sieben Hybrids, Inc., 1441 Gorman Drive, Geneseo, IL 61254, 309-944-5131, siebenhybrids@siebenhybrids.com, www.siebenhybrids.com					
Sieben Hybrids, Inc.	SS2304NRR	2.3	Y	2.3	PI88788
Sieben Hybrids, Inc.	SS2407NRR	2.4	Y	2.8	PI88788
Sieben Hybrids, Inc.	SS2507NRR	2.5	Y	2.6	PI88788
Sieben Hybrids, Inc.	SS2607NRR	2.6	Y	2.5	PI88788
Sieben Hybrids, Inc.	SS2625NRR	2.6	Y	2.6	PI88788
Sieben Hybrids, Inc.	SS2707NRR	2.7	Y	1.9	PI88788
Sieben Hybrids, Inc.	SS277N	2.7	N	2.3	PI88788
Sieben Hybrids, Inc.	SS2805NRR	2.8	Y	2.7	PI88788
Sieben Hybrids, Inc.	SS2807NRR	2.8	Y	2.4	PI88788
Sieben Hybrids, Inc.	SS2905NRR	2.9	Y	2.5	PI88788
Sieben Hybrids, Inc.	SS2907NRR	2.9	Y	2.5	PI88788
Sieben Hybrids, Inc.	SS293N	2.9	N	2.7	PI88788
South Dakota State University, NPB247, Box 2140C, Brookings, SD 57007					
SD. Ag. Exp. Station	Turner	2.6	N	3.5	PI88788
Stauffer Seeds, 1426 Hwy. 71 North, P.O. Box 128, Carroll, IA 51401, 712-792-2525, info@staufferseeds.com, www.staufferseeds.com					
Stauffer Seeds	4201NR	2.0	Y	2.0	PI88788
Stauffer Seeds	4241NR	2.4	Y	1.5	PI88788
Stauffer Seeds	4262NR	2.6	Y	2.5	PI88788
Stauffer Seeds	4272NR	2.7	Y	2.5	PI88788
Stauffer Seeds	4290NR	2.9	Y	2.5	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, 22555 Laredo Trail, Adel, IA 50003, 515-677-2605, info@stineseeds.com, www.stinseed.com					
STINE	2032-4	2.0	Y	Not Given	PI88788
STINE	2000-2	2.0	N	Not Given	PI88788
STINE	2100-2	2.1	N	Not Given	PI88788
STINE	2402-4	2.4	Y	Not Given	PI88788
STINE	2522-4	2.5	Y	Not Given	PI88788
STINE	2702-4	2.7	Y	Not Given	PI88788
STINE	2720-94	2.7	Y	Not Given	PI88788
STINE	2882-4	2.8	Y	Not Given	PI88788
STINE	2932-4	2.9	Y	Not Given	PI88788
Trelay Seed Co., 11623 State Rd. 80, Livingston, WI 53554, 608-943-6363, 800-421-0397, jasonb@trelay.com, www.trelay.com					
Trelay	2202RR	2.0	Y	2.0	PI88788
Trelay	2213RR	2.1	Y	2.6	PI88788
Trelay	2225RR	2.2	Y	1.9	PI88788
Trelay	2245RR	2.4	Y	2.8	PI88788
Trelay	2275RR	2.7	Y	2.5	PI88788
Trelay	2294RR	2.9	Y	2.5	PI88788
Trisler Seeds, Inc., 3274 E 800 North Road, Fairmount, IL 61841, 217-288-9301, trisler@trisler.com, www.trisler.com					
Trisoy	2002RR(CN)	2.0	Y	2.0	PI88788
Trisoy	2333RR(CN)	2.3	Y	2.3	PI88788
Trisoy	2925(CN)	2.9	N	2.4	PI88788
Trisoy	2940RR(CN)	2.9	Y	2.7	PI88788
Trisoy	2952RR(CN)	2.9	Y	2.4	PI88788
University of Illinois, 1101 W. Peabody Dr., Urbana, IL 61801, 217-265-4062					
IL Ag Exp. Station	Loda	2.1	N	4.3	PI88788
IL Ag Exp. Station	Dwight	2.9	N	3.3	PI88788
Wensman Seed, 63585 West Highway Ten, Wadena, MN 56482, 218-631-2954, wensman@wensmanseed.com, www.wensmanseed.com					
Wensman	W 2200NRR	2.0	Y	2.0	PI88788
Willcross Seeds, 4564 US Hwy. 169, King City, MO 64463, 660-535-4444, kcseed@jagtec.net					
Willcross	2277N	2.7	Y	2.5	PI88788
Willcross	2286N	2.8	Y	2.7	PI88788
Ziller Seed Co., Inc., 76374 380th Street, Bird Island, MN 55310, 320-365-3674, zscsales@zillerseed.com, www.zillerseed.com					
Ziller	BT 7204NR	2.0	Y	1.9	PI88788
Ziller	BT 7227NR	2.2	Y	1.9	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
AgVantage FS, Inc., 1600 8th Street SW, P.O. Box 828, Waverly, IA 50677, 319-483-4900, mailus@agvantagefs.com, http://home.agvantagefs.com					
FS Seed	HS3156	3.1	Y	2.5	PI88788
FS Seed	HS3236	3.2	Y	2.0	PI88788
FS Seed	HS3536	3.5	Y	2.5	PI88788
FS Seed	HS3656	3.5	Y	3.0	PI88788
AgVenture Profiseed, 1691 Hwy. 65, Hampton, IA 50441, 641-456-4751, lee@profiseed.com, www.agventure.com					
AgVenture	AV30G3NRR	3.0	Y	2.5	PI88788
Bo-Jac Seed Co., 245 1500th Avenue, Mt. Pulaski, IL 62548, 800-397-2069, larry@bo-jac.com, www.bo-jac.com					
Mavrick	4319RR	3.1	Y	2.4	PI88788
Mavrick	6343RR	3.4	Y	2.1	PI88788
Mavrick	5354RR	3.5	Y	3.1	PI88788
Mavrick	1363RR	3.6	Y	2.3	PI88788
Mavrick	6369RR	3.6	Y	1.8	PI88788
Mavrick	5374RR	3.7	Y	3.6	Not Given
Mavrick	5394RR	3.9	Y	2.7	PI88788
Crow's Hybrid Corn Co., P.O. Box 157, Kentland, IN 47951, 800-331-7201, www.crowshybrid.com					
Crow's Hybrid Corn Co.	C3015R	3.0	Y	2.7	PI88788
Crow's Hybrid Corn Co.	C3318R	3.3	Y	2.4	PI88788
Crow's Hybrid Corn Co.	C3518R	3.5	Y	2.5	PI88788
Crow's Hybrid Corn Co.	CV351R	3.5	Y	Not Given	PI88788
Crow's Hybrid Corn Co.	C3618R	3.6	Y	2.5	PI88788
Crow's Hybrid Corn Co.	C3715R	3.7	Y	3.5	PI88788
Crow's Hybrid Corn Co.	C3717R	3.7	Y	3.6	PI88788
Crow's Hybrid Corn Co.	C37003N	3.7	N	2.2	PI88788
Crow's Hybrid Corn Co.	C3817R	3.8	Y	2.5	PI88788
Crow's Hybrid Corn Co.	C3915R	3.9	Y	2.5	PI88788
Crow's Hybrid Corn	C3908	3.9	N	Not Given	PI88788
Dairyland Seed Co., Inc., P.O. Box 958, 3570 Hwy. H, West Bend, WI 53095, 800-236-0163, www.dairylandseed.com					
Dairyland	DSR-301/RR	3.0	Y	2.5	PI88788
Dairyland	DSR-3130/RR	3.1	Y	2.6	PI88788
Dairyland	DSR-3100	3.2	N	3.2	Not Given
Dairyland	DSR-326/RR	3.3	Y	2.6	PI88788
Dairyland	DSR-3400/RR	3.4	Y	2.9	PI88788
Dairyland	DSR-3500/RR	3.5	Y	2.6	PI88788
Dairyland	DSR-355	3.5	N	2.6	PI88788
Dairyland	DSR-3603/RR	3.6	Y	2.6	PI88788
Dairyland	DSR-3801/RRSTS	3.8	Y	3.2	PI88788
Dairyland	DSR-385/RR	3.8	Y	2.3	PI88788
Davis Seed Company, 20847 Hwy. J5T, Moravia, IA 52571, 641-724-9090, davisseed@hotmail.com					
Davis Seed Inc.	3532RRCN	3.2	Y	2.4	PI88788
Davis Seed Inc.	3635RRCN	3.5	Y	2.9	PI88788
Davis Seed Inc.	3337RRCN	3.7	Y	2.2	PI88788
Davis Seed Inc.	3737RRCN	3.7	Y	1.7	PI88788
Delta and Pine Land Co., Box 157, Scott, MS 38772, 662-742-4343					
Deltapine	DP 3861 RR	3.8	Y	2.5	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
Dyna-Gro, 104 Harrison, Emmetsburg, IA 50536, www.dynagro.com					
Dyna-Gro	34N30 (SX06530)	3.0	Y	2.8	PI88788
Dyna-Gro	32D30 (SX06730V)	3.0	Y	Not Given	PI88788
Dyna-Gro	31T31	3.1	Y	2.4	PI88788
Dyna-Gro	35D33	3.3	Y	2.4	PI88788
Dyna-Gro	38P33 (SX06133V)	3.3	Y	Not Given	PI88788
Dyna-Gro	37J34 (SX06234)	3.4	Y	1.5	PI88788
Dyna-Gro	33K35 (SX06935V)	3.5	Y	Not Given	PI88788
Dyna-Gro	35Y36 (SX06136)	3.6	Y	2.5	PI88788
Dyna-Gro	33A37	3.7	Y	2.8	PI88788
Dyna-Gro	32C38	3.8	Y	2.4	PI88788
Excel Brand Seed, P.O. Box 320, Camp Point, IL 62320, 800-969-6717					
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	3154N	3.1	N	2.7	PI88788
Farm Advantage	7335N	3.3	Y	2.8	PI88788
Farm Advantage	7356N	3.5	Y	2.9	PI88788
Farmers Cooperative, 105 Garfield Avenue, Farnhamville, IA 50538, www.fccoop.com					
Farmers Coop	3149RR-SCN	3.0	Y	2.3	PI88788
Fontanelle Hybrids, 10981 8th Street, Fontanelle, NE 68044, 800-279-4353, www.fontanelle.com					
Fontanelle Hybrids	9609NRR	3.0	Y	2.5	PI88788
Fontanelle Hybrids	9412NRR	3.1	Y	2.4	PI88788
Fontanelle Hybrids	9633NRR	3.3	Y	3.1	PI88788
Fontanelle Hybrids	9652NRR	3.5	Y	2.2	PI88788
Fontanelle Hybrids	9162NRR	3.6	Y	2.5	PI88788
Fontanelle Hybrids	9371NRR	3.7	Y	2.7	PI88788
Fontanelle Hybrids	9487N	3.8	N	Not Given	PI88788
Fontanelle Hybrids	9488NRSTS	3.8	Y	2.7	PI88788
Fontanelle Hybrids	9680NRR	3.8	Y	1.7	PI88788
Four Star Seed Co., 2929 335th Street, Logan, IA 51546, 712-644-1400, dkenealy@loganet.net, www.4starseed.com					
Four Star Seed	2314RR	3.1	Y	2.4	PI88788
Four Star Seed	2332RR	3.3	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
Garst Seed Company, 2369 330th Street, Slater, IA 50244, 515-685-5000 or 800-GO-GARST, garstguy@garstseedco.com, www.garstseed.com					
NK	S31-V3	3.1	Y	3.0	PI88788
Garst	3212RR/N	3.2	Y	2.0	PI88788
NK	S32-E2	3.2	Y	4.0	PI88788
Garst	3336RR/N	3.3	Y	3.0	PI437654
NK	S33-A8	3.3	Y	4.0	PI88788
Garst	3512RR/N	3.5	Y	4.0	PI88788
Garst	3585N	3.5	N	4.0	PI88788
Garst	3624RR/N	3.6	Y	3.0	PI88788
NK	S36-C7	3.6	Y	4.0	PI88788
NK	S37-N4	3.7	Y	4.0	PI88788
Garst	3824RR/N	3.8	Y	5.0	PI88788
Garst	3850RR/STS/N	3.8	Y	3.0	PI88788
Garst	3906N	3.9	N	4.0	PI88788
Garst	3960RR/N	3.9	Y	3.0	PI88788
NK	S39-K6	3.9	Y	4.0	PI88788
Great Lakes Hybrids, 9915 W M-21, Ovid, MI 48879, 989-834-2251, www.greatlakeshybrids.com					
Great Lakes Hybrids	GL 3009	3.0	N	2.3	PI88788
Great Lakes Hybrids	GL 3029RR	3.0	Y	2.5	PI88788
Great Lakes Hybrids	GL 3239RR	3.2	Y	2.2	PI88788
Great Lakes Hybrids	GL 3449RR	3.4	Y	2.2	PI88788
Great Lakes Hybrids	GL 3509RR	3.5	Y	2.7	PI88788
Great Lakes Hybrids	GL 3629RR	3.6	Y	2.5	PI88788
Great Lakes Hybrids	GL 3719RR	3.7	Y	1.7	PI88788
Great Lakes Hybrids	GL 3829RR	3.8	Y	Not Given	PI88788
Great Lakes Hybrids	GL 3839	3.8	N	2.5	PI88788
GROWMARK Inc. (FS Seed), 1701 Towanda Avenue, Bloomington, IL 61701, 309-557-6399, HiSoy@growmark.com, www.fsseed.com					
FS HiSOY®	HS 3069V Brand	3.0	Y	Not Given	PI88788
FS HiSOY®	HS 3156 Brand	3.1	Y	2.5	PI88788
FS HiSOY®	HS 3236 Brand	3.2	Y	2.5	PI88788
FS HiSOY®	HS 3266 Brand	3.2	Y	2.5	PI88788
FS HiSOY®	HS 3348 Brand	3.3	Y	Not Given	PUSCN14
FS HiSOY®	HS 3536 Brand	3.5	Y	2.5	PI88788
FS HiSOY®	HS 3569V Brand	3.5	Y	Not Given	PI88788
FS HiSOY®	HS 3591 Brand	3.5	Y	4.0	PI88788
FS HiSOY®	HS 3656 Brand	3.6	Y	3.0	PI88788
FS HiSOY®	HS 3916 Brand	3.7	Y	Not Given	PI88788
FS HiSOY®	HS 3846 Brand	3.8	Y	2.5	PI88788
FS HiSOY®	HS 3892 Brand	3.8	N	2.5	PI88788
FS HiSOY®	HS 3936 Brand	3.9	Y	Not Given	PI88788
Hawkeye Hybrid Inc., 2165 Idaho Dr., Pella, IA 50219, 641-628-3827, hawkeyeh@lisco.net					
Hawkeye Hybrid	8311RR	3.1	Y	2.0	PI88788
Hawkeye Hybrid	8339RR	3.3	Y	2.0	PI88788
Hawkeye Hybrid	8377RR	3.7	Y	3.0	PI88788
Hawkeye Hybrid	8383RR	3.8	Y	2.0	PI88788
Hoegemeyer Hybrids, 1755 Hoegemeyer Road, Hooper, NE 68031, 402-654-3399, askus@therightseed.com, www.therightseed.com					
Hoegemeyer	371NRR	3.6	Y	1.7	PI88788
Hoegemeyer	381NRS	3.8	Y	2.7	PI88788
Hoegemeyer	389NRS	3.8	Y	3.2	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
Iowa State University, ISURF, 310 Lab of Mechanics, Ames, IA 50011-2131, 515-294-9442, www.ag.iastate.edu/centers/cad					
ISU	A95-68404	3.0	N	Not Given	PI88788
ISU	IA3014	3.0	N	Not Given	PI88788
Jacobsen Hybrid Corn Co. Inc., 129 9th Street, Lake View, IA 51450, 800-761-1024, jaco_seed@netins.net					
Jacobsen	J964NR	3.4	Y	1.8	PI88788
Kaltenberg Seeds, P.O. Box 278, 5506 State Road 19, Waunakee, WI 53597-0278, 608-849-5021, ksfseeds@chorus.net, www.kaltenbergseeds.com					
Kaltenberg	KB337RR	3.3	Y	2.2	PI88788
Kruger Seed Company, Hwy. 20 East, P.O. Box A, Dike, IA 50624, 800-772-2721, info@krugerseed.com, www.krugerseed.com					
Kruger	K-333RR/SCN	3.3	Y	2.8	PI88788
Kruger	K-340RR/SCN	3.4	Y	2.8	PI88788
Kruger	K-341RR/SCN	3.4	Y	3.2	PI88788
Kruger	K-355RR/SCN	3.5	Y	2.8	PI88788
Kruger	K-363RR/SCN	3.7	Y	3.1	PI88788
Kruger	K-3777SCN	3.7	N	3.7	PI88788
Kruger	K-382RR/SCN	3.8	Y	2.6	PI88788
Kruger	K-389RR/SCN	3.9	Y	3.5	PI88788
Kruger	K-399RR/SCN	3.9	Y	3.6	PI88788
Latham Seed Company, 131 180th Street, Alexander, IA 50420, 800-798-3258, latham@lathamseeds, www.lathamseeds.com					
LATHAM	E3258R	3.2	Y	2.4	PI88788
Lewis Hybrids, Inc., 530 West Maple Avenue, Ursa, IL 62376, 800-252-7851, scott@lewishybrids.com, www.lewishybrids.com					
Lewis Hybrids	3192	3.1	Y	2.0	PI88788
Lewis Hybrids	3407	3.4	Y	2.0	PI88788
Lewis Hybrids	3566	3.5	Y	3.5	PI88788
Lewis Hybrids	3617	3.6	Y	3.5	PI88788
Lewis Hybrids	3706	3.7	Y	3.5	PI88788
Lewis Hybrids	3716	3.7	Y	2.0	PI88788
Lewis Hybrids	3827	3.8	Y	2.0	PI88788
Lewis Hybrids	3853	3.8	Y	3.5	PI88788
Lewis Hybrids	3875	3.9	Y	3.3	PI88788
Lewis Hybrids	3907	3.9	Y	2.0	PI88788
LG Seeds, 1107 West Lincolnway, Jefferson, IA 50129, 515-386-2559, greg.peters@lgseeds.com, www.lgseeds.com					
LG Seeds	C3232NRR	3.2	Y	2.6	PI88788
LG Seeds	C3445NRR	3.4	Y	2.0	PI88788
LG Seeds	C3444NRR	3.4	Y	2.9	PI88788
LG Seeds	C3777NRR	3.7	Y	3.0	PI88788
LG Seeds	C3888NRR	3.8	Y	2.0	PI88788
LG Seeds	C3980NRR	3.9	Y	Not Given	PI88788
Merschman Seeds, Inc., 103 Avenue D, West Point, IA 52656, 319-837-6111 or 800-848-7333, merseeds@merschmanseeds.com, www.merschmanseeds.com					
Merschman Seeds Inc.	Hoover 730RR	3.0	Y	2.8	PI88788
Merschman Seeds Inc.	Jefferson 630RR	3.0	Y	2.5	PI88788
Merschman Seeds Inc.	Harrison 730RRV	3.0	Y	Not Given	PI88788
Merschman Seeds Inc.	Coolidge 734RR	3.4	Y	Not Given	PI88788
Merschman Seeds Inc.	Grant III RR	3.4	Y	2.5	PI88788
Merschman Seeds Inc.	McKinley 734RRV	3.4	Y	Not Given	PI88788
Merschman Seeds Inc.	Garfield 735RRV	3.5	Y	Not Given	PI88788
Merschman Seeds Inc.	Monroe 735RR	3.5	Y	2.5	PI88788
Merschman Seeds Inc.	Roosevelt 737RR	3.7	Y	1.7	PI88788
Merschman Seeds Inc.	Kennedy 538 RR	3.8	Y	2.6	PI88788
Merschman Seeds Inc.	Washington IXRR	3.9	Y	3.0	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
Midwest Seed Genetics, 23751 Hwy. 30 East, 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	GR3031	3.0	Y	2.7	PI88788
Midwest Seed Genetics	GR3333	3.3	Y	2.4	PI88788
Midwest Seed Genetics	GR3533	3.5	Y	2.5	PI88788
Midwest Seed Genetics	RV3590	3.5	Y	Not Given	PI88788
Midwest Seed Genetics	GR3633	3.6	Y	2.5	PI88788
Midwest Seed Genetics	GR3731	3.7	Y	3.5	PI88788
Midwest Seed Genetics	GR3732	3.7	Y	3.6	PI88788
Midwest Seed Genetics	G3570N	3.7	N	2.2	PI88788
Midwest Seed Genetics	GR3832	3.8	Y	2.5	PI88788
Midwest Seed Genetics	GR3931	3.9	Y	2.5	PI88788
Midwest Seed Genetics	G3912	3.9	N	Not Given	PI88788
Monsanto Company, 800 N. Lindbergh Blvd., St. Louis, MO 63167, 800-335-2676, www.monsanto.com, www.asgrow.com, www.dekalb.com					
Asgrow	AG3006	3.0	Y	3.0	PI88788
Asgrow	AG3101	3.1	Y	4.0	PI88788
Asgrow	AG3121V	3.1	Y	Not Given	PI88788
Asgrow	AG3203	3.2	Y	4.0	PI88788
Asgrow	AG3305	3.3	Y	3.0	PI88788
Asgrow	A3525	3.5	N	3.0	PI88788
Asgrow	AG3505	3.5	Y	4.0	PI88788
Asgrow	AG3521V	3.5	Y	Not Given	PI88788
DEKALB	DKB35-52	3.5	Y	3.0	PI88788
Asgrow	AG3602	3.6	Y	4.0	PI88788
DEKALB	DKB36-52	3.6	Y	4.0	PI88788
Asgrow	AG3705	3.7	Y	4.0	PI88788
Asgrow	AG3802	3.8	Y	4.0	PI88788
DEKALB	DKB38-52	3.8	Y	4.0	PI88788
Asgrow	AG3905	3.9	Y	4.0	PI88788
Asgrow	AG3906	3.9	Y	Not Given	PI88788
Munson Hybrids, Inc., 1262 Knox Road 100E, Galesburg, IL 61401, 309-343-8410, munshyhb@galesburg.net, www.munsonhybrids.com					
MUNSON	8301	3.0	N	2.5	PI88788
MUNSON	8324RR	3.2	Y	2.4	PI88788
MUNSON	8346RR	3.4	Y	3.1	PI88788
MUNSON	8357RR	3.5	Y	2.2	PI88788
MUNSON	8377RR	3.7	Y	1.7	PI88788
Mycogen Seeds, 9330 Zionsville Road, Indianapolis, IN 46268, 800-692-6436, www.dowagro.com/mycogen/contact/email.htm, www.mycogen.com					
Atlas	Mycogen 5N290RR	3.0	Y	2.5	PI88788
Atlas	Mycogen 5N310RR	3.1	Y	4.0	PI88788
Atlas	Mycogen 5N318RR	3.1	Y	3.0	PI88788
Atlas	Mycogen 5N320RR	3.2	Y	3.0	PI88788
Atlas	Mycogen 5N351RR	3.5	Y	2.5	PI88788
Atlas	Mycogen 5N352RR	3.5	Y	2.5	PI88788
Atlas	Mycogen 5N382RR	3.7	Y	2.5	PI88788
Atlas	Mycogen 5B381NRR	3.8	Y	3.0	PI88788
Atlas	Mycogen 5N383RR	3.8	Y	2.0	PI88788
Atlas	Mycogen 5N391RR	3.9	Y	2.0	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
NC+ Hybrids, P.O. Box 4408, Lincoln, NE 68504-0408, 800-279-7999, www.nc-plus.com					
NC+	3V01RR	3.0	Y	2.5	PI88788
NC+	3A32RR	3.3	Y	2.4	PI88788
NC+	3A53RR	3.5	Y	2.5	PI88788
NC+	3V51RR	3.5	Y	Not Given	PI88788
NC+	3A82	3.7	N	2.2	PI88788
NC+	3A85RS	3.8	Y	2.5	PI88788
NC+	3A92RR	3.9	Y	2.5	PI88788
NK Brand - Syngenta Seeds, Inc., P.O. Box 703, Ames, IA 50010, 515-233-5395, johnharker@syngenta.com					
NK® Brand	S30-J8	3.0	Y	3.5	PI88788
NK® Brand	S31-V3	3.2	Y	3.0	PI88788
NK® Brand	S33-A8	3.3	Y	3.5	PI88788
NK® Brand	S36-C7	3.6	Y	3.5	PI88788
NK® Brand	S37-N4	3.7	Y	3.5	PI88788
NK® Brand	S38-T8	3.8	N	3.0	PI88788
NK® Brand	S39-K6	3.9	Y	3.5	PI88788
NuTech Seed, 40321 130th Avenue, Leland, IA 50453, 877-561-9067, seed1of2@aol.com, www.yieldleader.com					
NuTech Seed	NT-3131 RR/SCN	3.1	Y	2.5	PI88788
NuTech Seed	NT-3299V RR/SCN	3.2	Y	3.2	PI88788
NuTech Seed	NT-3435 RR/SCN	3.4	Y	2.8	PI88788
NuTech Seed	NT-3532 RR/SCN	3.5	Y	3.7	PI88788
NuTech Seed	NT-3737 RR/SCN	3.7	Y	3.6	PI88788
NuTech Seed	NT-3888 RR/SCN	3.8	Y	3.0	PI88788
NuTech Seed	NT-3909 RR/SCN/STS	3.9	Y	4.4	PI88788
NuTech Seed	NT-3999 RR/SCN	3.9	Y	4.3	PI88788
Ottilie RO Seed, 1462 Sanford Avenue, Marshalltown, IA 50158, 641-753-5561, ottiliero@hughes.net, www.ottilieseed.com					
Ottilie RO	8305FN	3.0	N	2.5	PI88788
Ottilie RO	8322RRN	3.2	Y	2.2	PI88788
Ottilie RO	8355RRN	3.5	Y	2.9	PI88788
Ottilie RO	8358RRN	3.5	Y	2.8	PI88788
Ottilie RO	8373RRN	3.7	Y	1.7	PI88788
Pannar Seed, 40329 Hwy. 14E, Huron, SD 57350, 605-352-8791, info@pannarusa.com, www.pannarusa.com					
Pannar Seed	3886NRR	3.8	Y	2.3	PI88788
Pioneer Hi-Bred International, Inc., 8200 Cody Drive, Suite A, Lincoln, NE 68512, 402-467-5458, brent.wilson@pioneer.com, www.pioneer.com					
Pioneer	93B15	3.1	N	4.5	PI88788
Pioneer	93M10	3.1	Y	3.5	PI88788
Pioneer	93M13	3.1	Y	2.5	PI88788
Pioneer	93M42	3.4	Y	4.5	PI88788
Pioneer	93M50	3.5	Y	3.0	PI88788
Pioneer	93M51	3.5	Y	4.0	PI88788
Pioneer	93M52	3.5	N	4.5	PI88788
Pioneer	93M82	3.8	Y	3.0	PI88788
Pioneer	93M90	3.9	Y	5.0	PI88788
Pioneer	93M95	3.9	Y	5.0	PI88788
Pioneer	93M96	3.9	Y	5.0	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
Prairie Brand Seed Co., 15 X Avenue, Story City, IA 50248, 800-544-8751, mike@prairiebrandseed.com, www.prairiebrandseed.com					
Prairie Brand	PB-3056NRR	3.0	Y	3.5	PI88788
Prairie Brand	PB-3436NRR	3.4	Y	3.5	PI88788
Prairie Brand	PB-3516VNRR	3.5	Y	3.5	PI88788
Prairie Brand	PB-3556NRR	3.5	Y	3.0	PI88788
Prairie Brand	PB-3785NRR	3.6	Y	3.0	PI88788
Prairie Brand	PB-3894NRRSTS	3.8	Y	3.0	PI88788
Rainbow Seeds Inc., 1816 Hwy. 163, Oskaloosa, IA 52577, 800-373-9401, Deb@rainbowseeds.com, www.rainbowseeds.com					
Rainbow	4328NRR	3.2	Y	1.5	PI88788
Rainbow	4324NRR	3.4	Y	1.5	PI88788
Rainbow	4359NRR	3.5	Y	1.0	PI88788
Rainbow	4363NRR	3.6	Y	1.4	PI88788
Rainbow	4370NRR	3.7	Y	1.7	PI88788
Rainbow	4374NRR	3.7	Y	1.5	PI88788
Rainbow	4380NRS	3.8	Y	1.5	PI88788
Rainbow	4390NRS	3.9	Y	1.5	PI88788
Renze Hybrids, 27410 Kittyhawk Avenue, Carroll, IA 51401, 712-669-3301, renze@netins.net, www.renzehybrids.com					
Renze	R3386RRcn	3.3	Y	2.4	PI88788
Renze	R3497RRcn	3.4	Y	2.2	PI88788
Renze	R3686RRcn	3.6	Y	3.0	PI88788
Renze	R3797RRcn	3.7	Y	1.8	PI88788
Renze	R3835SRcn	3.8	Y	2.6	PI88788
Renze	R3996RRcn	3.9	Y	Not Given	PI88788
Sand Seed Service, Inc., 4765 Hwy. 143, Marcus, IA 51035, 712-376-4135, soi@sandsofiowa.com, www.sandsofiowa.com					
Sands	3209NRR	3.2	Y	2.5	PI88788
Schlessman Seed Company, 11513 U.S. Route 250, Milan, OH 44846, 419-499-2572, seedco@accnorwalk.com, www.schlessman-seed.com					
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
Sieben Hybrids, Inc., 1441 Gorman Drive, Geneseo, IL 61254, 309-944-5131, siebenhybrids@siebenhybrids.com, www.siebenhybrids.com					
Sieben Hybrids, Inc.	SS3104NRR	3.1	Y	2.7	PI88788
Sieben Hybrids, Inc.	SS3125NRR	3.1	Y	2.8	PI88788
Sieben Hybrids, Inc.	SS3407NRR	3.4	Y	2.2	PI88788
Sieben Hybrids, Inc.	SS347N	3.4	N	2.4	PI88788
Sieben Hybrids, Inc.	SS3607NRR	3.6	Y	2.8	PI88788
Sieben Hybrids, Inc.	SS3807NRR	3.8	Y	2.7	PI88788
Sieben Hybrids, Inc.	SS3817NRS	3.8	Y	2.7	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
Stauffer Seeds, 1426 Hwy. 71 North, P.O. Box 128, Carroll, IA 51401, 712-792-2525, info@staufferseeds.com, www.staufferseeds.com					
Stauffer Seeds	4310NR	3.1	Y	3.0	PI88788
Stauffer Seeds	4334NR	3.3	Y	2.5	PI88788
Stauffer Seeds	4353NR	3.5	Y	2.5	PI88788
Stauffer Seeds	4370NR	3.7	Y	Not Given	PI88788
Stauffer Seeds	4380NSR	3.8	Y	2.5	PI88788
Stine Seed Company, 22555 Laredo Trail, Adel, IA 50003, 515-677-2605, info@stineseeds.com, www.stinseed.com					
STINE	3032-4	3.0	Y	Not Given	PI88788
STINE	3023-94	3.0	Y	Not Given	PI88788
STINE	3232-4	3.2	Y	Not Given	PI88788
STINE	3420-94	3.4	Y	Not Given	PI88788
STINE	3432-94	3.4	Y	Not Given	PI88788
STINE	3502-94	3.5	Y	Not Given	PI88788
STINE	3532-4	3.5	Y	Not Given	PI88788
STINE	3582-4	3.5	Y	Not Given	PI88788
Trisler Seeds, Inc., 3274 E 800 North Road, Fairmount, IL 61841, 217-288-9301, trisler@trisler.com, www.trisler.com					
Trisoy	3144RR(CN)	3.1	Y	2.0	PI88788
Trisoy	3343RR(CN)	3.3	Y	2.5	PI88788
Trisoy	3450RR(CN)	3.4	Y	2.6	PI88788
Trisoy	3463RR(CN)	3.4	Y	2.2	PI88788
Trisoy	3535(CN)	3.5	N	2.9	PI88788
Trisoy	3550RR(CN)	3.5	Y	3.0	PI88788
Trisoy	3582STS(CN)	3.5	N	Not Given	PI88788
Trisoy	3766RR(CN)	3.7	Y	1.7	PI88788
Trisoy	3810(CN)	3.8	N	Not Given	PI88788
Trisoy	3833RR(CN)	3.8	Y	Not Given	PI88788
Trisoy	3844RR(CN)	3.8	Y	2.5	PI88788
University of Illinois, 1101 W. Peabody Dr., Urbana, IL 61801, 217-265-4062					
IL. Ag Exp. Station	Pana	3.7	N	Not Given	PI88788
IL. Ag Exp. Station	Maverick	3.8	N	4.6	PI88788
Willcross Seeds, 4564 U.S. Hwy. 169, King City, MO 64463, 660-535-4444, kcseed@jagtec.net					
Willcross	2326N	3.2	Y	2.7	PI88788
Willcross	2335N	3.3	Y	2.4	PI88788
Willcross	2347N	3.4	Y	2.2	PI88788
Willcross	2355N	3.5	Y	2.5	PI88788
Willcross	2367NX1	3.6	Y	2.5	PI88788
Willcross	2387N	3.8	Y	1.7	PI88788
Willcross	2385N	3.8	Y	2.7	PI88788

Contact information

AgVantage FS, Inc., 1600 8th Street SW, P.O. Box 828, Waverly, IA 50677, 319-483-4900, mailus@agvantagefs.com, <http://home.agvantagefs.com>

AgVenture Profiseed, 1691 Hwy. 65, Hampton, IA 50441, 641-456-4751, lee@profiseed.com, www.agventure.com

Albert Lea Seed House, 1414 West Main, Albert Lea, MN 56007, 507-373-3161, seedhouse@alseed.com, www.alseed.com

Bo-Jac Seed Co., 245 1500th Avenue, Mt. Pulaski, IL 62548, 800-397-2069, larry@bo-jac.com, www.bo-jac.com

Champion Seed/Matforts Brothers Farms Inc., 3069 330th Street, Ellsworth, IA 50075, 515-836-2141, championseed@netins.net

Croplan Genetics, P.O. Box 64281 MS 5850, St. Paul, MN 55164-0281, 651-765-5712, info@croplangenetics.com

Crow's Hybrid Corn Co., P.O. Box 157, Kentland, IN 47951, 800-331-7201, www.crowshybrid.com

Dairyland Seed Co., Inc., P.O. Box 958, 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, davisseed@hotmail.com

Delta and Pine Land Co., Box 157, Scott, MS 38772, 662-742-4343

Dyna-Gro, 104 Harrison, Emmetsburg, IA 50536, www.dynagro.com

Excel Brand Seed, P.O. Box 320, Camp Point, IL 62320, 800-969-6717

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

Farmers Cooperative, 105 Garfield Avenue, Farnhamville, IA 50538, www.fccoop.com

Fontanelle Hybrids, 10981 8th Street, Fontanelle, NE 68044, 800-279-4353, www.fontanelle.com

Four Star Seed Co., 2929 335th Street, Logan, IA 51546, 712-644-1400, dkenealy@loganet.net, www.4starseed.com

Garst Seed Company, 2369 330th Street, Slater, IA 50244, 515-685-5000 or 800-GO-GARST, garstguy@garstseedco.com, www.garstseed.com

Gold Country Seed, Inc., 16506 Hwy. 15 N., Hutchinson, MN 55350, 800-795-8544, gcs@goldcountryseed.com, www.goldcountryseed.com

Golden Harvest Seeds, Box 431, Walford, IA 52351, 563-320-7461, www.goldenharvestseeds.com

Great Lakes Hybrids, 9915 W M-21, Ovid, MI 48879, 989-834-2251, www.greatlakeshybrids.com

GROWMARK Inc. (FS Seed), 1701 Towanda Avenue, Bloomington, IL 61701, 309-557-6399, HiSoy@growmark.com, www.fsseed.com

Hawkeye Hybrid Inc., 2165 Idaho Dr., Pella, IA 50219, 641-628-3827, hawkeyeh@lisco.net

Hoegemeyer Hybrids, 1755 Hoegemeyer Road, Hooper, NE 68031, 402-654-3399, askus@therightseed.com, www.therightseed.com

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

Jacobsen Hybrid Corn Co. Inc., 129 9th Street, Lake View, IA 51450, 800-761-1024, jaco_seed@netins.net

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

Kruger Seed Company, Hwy. 20 East, P.O. Box A,
Dike, IA 50624, 800-772-2721, info@krugerseed.com,
www.krugerseed.com

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

Lewis Hybrids, Inc., 530 West Maple Avenue, Ursa,
IL 62376, 800-252-7851, scott@lewishybrids.com,
www.lewishybrids.com

LG Seeds, 1107 West Lincolnway, Jefferson, IA 50129,
515-386-2559, greg.peters@lgseeds.com,
www.lgseeds.com

Merschman Seeds, Inc., 103 Avenue D, West Point,
IA 52656, 319-837-6111 or 800-848-7333,
merseeds@merschmanseeds.com,
www.merschmanseeds.com

Midwest Seed Genetics, 23751 Hwy. 30 East,
P.O. Box 518, Carroll, IA 51401, 800-369-8218,
www.midwestseed.com

Monsanto Company, 800 N. Lindbergh Blvd.,
St. Louis, MO 63167, 800-335-2676, www.monsanto.com,
www.asgrow.com, www.dekalb.com

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

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

Mycogen Seeds, 9330 Zionsville Road, Indianapolis,
IN 46268, 800-692-6436,
www.dowagro.com/mycogen/contact/email.htm,
www.mycogen.com

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

NC+ Hybrids, P.O. Box 4408, Lincoln, NE 68504-0408,
800-279-7999, www.nc-plus.com

NK Brand - Syngenta Seeds, Inc., P.O. Box 703, Ames,
IA 50010, 515-233-5395, johnharker@syngenta.com

NuTech Seed, 40321 130th Avenue, Leland, IA 50453,
877-561-9067, seed1of2@aol.com, www.yieldleader.com

Ottilie RO Seed, 1462 Sanford Avenue, Marshalltown,
IA 50158, 641-753-5561, ottiliero@hughes.net,
www.ottilieseed.com

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

Pioneer Hi-Bred International, Inc., 8200 Cody Drive,
Suite A, Lincoln, NE 68512, 402-467-5458,
brent.wilson@pioneer.com, www.pioneer.com

Prairie Brand Seed Co., 15 X Avenue, Story City,
IA 50248, 800-544-8751, mike@prairiebrandseed.com,
www.prairiebrandseed.com

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

Renze Hybrids, 27410 Kittyhawk Avenue, Carroll,
IA 51401, 712-669-3301, renze@netins.net,
www.renzehybrids.com

Sand Seed Service, Inc., 4765 Hwy. 143, Marcus,
IA 51035, 712-376-4135, soi@sandsofiowa.com,
www.sandsofiowa.com

Schillinger Seed, 4200 Corporate Dr., Suite 106,
West Des Moines, IA 50266, 515-225-1166,
info@schillingerseed.com, www.schillingerseed.com

Schlessman Seed Company, 11513 U.S. Route 250,
Milan, OH 44846, 419-499-2572,
seedco@accnorwalk.com, www.schlessman-seed.com

Sieben Hybrids, Inc., 1441 Gorman Drive,
Geneseo, IL 61254, 309-944-5131,
siebenhybrids@siebenhybrids.com,
www.siebenhybrids.com

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

Stauffer Seeds, 1426 Hwy. 71 North, P.O. Box 128, Carroll, IA 51401, 712-792-2525, info@staufferseeds.com, www.staufferseeds.com

Stine Seed Company, 22555 Laredo Trail, Adel, IA 50003, 515-677-2605, info@stineseeds.com, www.stinseed.com

Trelay Seed Co., 11623 State Rd. 80, Livingston, WI 53554, 608-943-6363, 800-421-0397, jasonb@trelay.com, www.trelay.com

Trisler Seeds, Inc., 3274 E 800 North Road, Fairmount, IL 61841, 217-288-9301, 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

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

Willcross Seeds, 4564 U.S. Hwy. 169, King City, MO 64463, 660-535-4444, kcseed@jagtec.net

Ziller Seed Co., Inc., 76374 380th Street, 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.

Greg Tylka is a professor of plant pathology with extension and research responsibilities in management of plant-parasitic nematodes.

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