

# Soybean cyst nematode-resistant soybean varieties for Iowa

by Gregory L. Tylka

Soybean cyst nematode (SCN) is a widespread pest of soybeans in Iowa. The nematode is a serious threat to soybean production because it reproduces very quickly, survives in the soil for many years in the absence of a soybean crop, and can cause substantial yield losses, particularly in dry years.

Resistance is a very effective strategy for managing SCN, producing acceptable yields yet suppressing reproduction of the nematode. The number of soybean varieties with genetic resistance to SCN available in maturity groups 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.

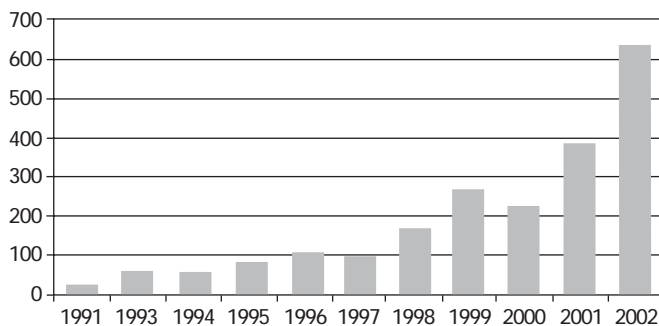


Figure 1. Number of maturity group I, II, and III SCN-resistant soybean varieties available to Iowa soybean growers, 1991–2002. (No data available for 1992.)

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

**Yield potential.** Obviously, 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. Each year, many SCN-resistant soybean varieties are evaluated 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, *Evaluation of Soybean Varieties Resistant to*

*Soybean Cyst Nematode in Iowa*, which can be ordered through any county extension office, the ISU Extension Publications Distribution Center (515-294-5247), and on the Internet at [www.soybeancyst.info](http://www.soybeancyst.info) or [www.isuscnavarietytrials.info](http://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 should consider the effectiveness of the varieties in suppressing reproduction of the nematode. SCN-resistant varieties (even top varieties that yield comparably) can vary considerably in how well they control nematode population densities. The yields of the top three conventional (nonRoundup 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. 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 comparable, high-yielding soybean varieties is not unusual. Consequently, growers should consider information about 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.

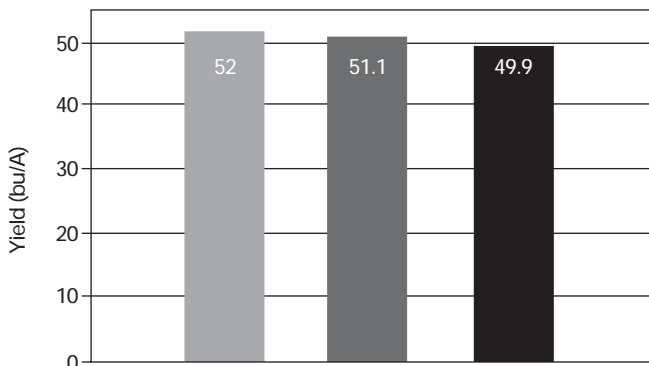


Figure 2. Yield of the three best-yielding conventional (nonRoundup Ready®) soybean varieties in a north central Iowa variety trial location in 2001. The least significant difference value is 4.9.

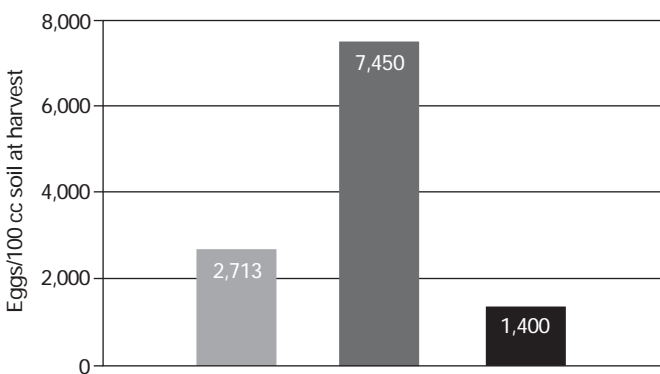


Figure 3. End-of-season SCN egg population densities in plots of the three best-yielding conventional (nonRoundup Ready®) soybean varieties in a north central Iowa variety trial location in 2001. The least significant difference value is 5,430.

**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* root rot, sudden death syndrome, and white mold. Consequently, a soybean variety with multiple disease resistance often is 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 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 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 Hartwig. Additionally, one variety with resistance genes from PI209332 is available. 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 of these sources of SCN resistance allow limited reproduction of only a few soybean cyst nematodes. 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, there is the potential for build-up of a population of SCN that readily feed on that source of resistance. Thus, use of resistant soybean varieties, particularly any single SCN-resistant variety, should not be considered the sole solution for managing SCN. Instead, 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 build-up of SCN 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).

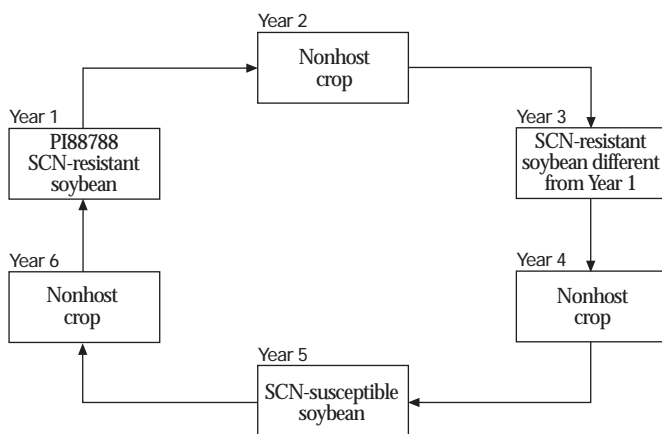


Figure 4. Recommended crop rotation for fields with low or moderate SCN population densities.

### When (at what level) 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 SCN. 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).

Refer to Iowa State University Extension publication PM 879, *Soybean Cyst Nematode*, for more information about biology and management of the nematode. Additional information about SCN also can be obtained at [www.soybeancyst.info](http://www.soybeancyst.info).

The following list is a compilation of soybean varieties in maturity groups I, II, and III that are advertised 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.

#### Disclaimer

This list is 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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**Table 1. Soybean cyst nematode-resistant soybean varieties for maturity group I.**

Brand	Variety	Relative Maturity	Roundup Ready® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
<b>Albert Lea Seed House, 1414 W. Main, P.O. Box 127, Albert Lea, MN 56007, 800-352-5247, mac@alseed.com, www.alseed.com</b>					
Viking	1919CNRR	1.9	Y	2.1	PI88788
Viking	1922CN	1.9	N	1.9	PI88788
<b>Bio Gene Seeds, 5491 Tri County Hwy, Sardinia, OH 45171, 888-862-3276, seeds@biogeneseeds.com, www.biogeneseeds.com</b>					
Bio Gene Seeds	BG1800NRR	1.8	Y	1.6	PI88788
<b>Croplan Genetics, 2827 8th Ave. North, Fort Dodge, IA 50501, 800-369-3060, dbjor@landolakes.com</b>					
Croplan Genetics	RC1303	1.3	Y	2.0	PI88788
Croplan Genetics	RC1771	1.7	Y	1.5	PI88788
Croplan Genetics	RC1802	1.8	Y	2.0	PI88788
Croplan Genetics	RC1976	1.9	Y	2.0	PI88788
<b>Crow's Hybrid Corn Co., 612 East Dunlap St., Box 157, Kentland, IN 47951, 800-331-7201, wayne.hoener@channelbio.com, www.crowshybrid.com</b>					
Crow's	C1915R	1.9	Y	3.0	PI88788
<b>Dairyland Seed Co., Inc., 3758 Hwy H., P.O. Box 958, West Bend, WI 53095, 800-236-0163, www.dairylandseed.com</b>					
Dairyland	DSR-183/STS	1.9	N	2.6	PI88788
Dairyland	DSR-191/R	1.9	Y	2.4	PI88788
<b>Excel Brand, 116 E. State, Camp Point, IL 62320, 800-593-7708</b>					
Excel Brand	6178N	1.6	N	2.8	PI88788
Excel Brand	8195NRR	1.9	Y	2.4	PI88788
Excel Brand	8199NRR	1.9	Y	3.4	PI88788
<b>Farmers Cooperative Company, P.O. Box 35, Farnhamville, IA 50538-0035, 515-544-3213, dmccool@fccoop.com, www.fccoop.com</b>					
FC	1829RRSCN	1.8	Y	1.6	PI88788
<b>Fontanelle Hybrids, 10981 8th St., Fontanelle, NE 68025, 402-721-1410, spike@fontanelle.com, www.fontanelle.com</b>					
Fontanelle	7092NRR	1.9	Y	2.0	PI88788
Fontanelle	7291NRR	1.9	Y	1.6	PI88788
<b>Garst Seed Company, 2369 330th Street, Slater, IA 50244, scott.hart@garstseedco.com, www.garstseed.com</b>					
AgriPro/Garst	1512RR/N	1.5	Y	4.0	PI88788
AgriPro/Garst	1812RR/N	1.8	Y	2.8	PI88788
AgriPro/Garst	XC18N44	1.8	N	2.4	PI88788
<b>Gold Country Seed, Inc., 16506 Highway 15 North, P.O. Box 604, Hutchinson, MN 55350-0604, 800-795-8544, jleafblad@goldcountryseed.com, www.goldcountryseed.com</b>					
Gold Country	2214NRR	1.4	Y	3.1	PI88788
Gold Country	6218NRR	1.8	Y	2.3	PI88788
Gold Country	6219Cyst	1.9	N	2.4	PI88788
Gold Country	7219NRR	1.9	Y	1.9	PI88788
<b>Great Lakes Hybrids, 9915 W. M-21, Ovid, MI 48866, 800-257-7333, mitch.ray@greatlakeshybrids.com, www.glh-seeds.com</b>					
Great Lakes Hybrids	GL1709RR	1.7	Y	1.6	PI88788
<b>Iowa State University Research Foundation, 310 Lab of Mechanics, Ames, IA 50011, 515-294-9442, jjgus@iastate.edu, www.ag.iastate.edu/centers/cad/index.html</b>					
IA Ag. Exp. Station	IA1008	1.0	N	4.0	PI88788
IA Ag. Exp. Station	IA1009	1.0	N	3.6	PI88788
<b>JC Robinson Seeds &amp; the Golden Harvest Brand, 100 JC Robinson Blvd., Waterloo, NE 68069, 402-779-2531, bsis@jcrob.com, www.jcrob.com</b>					
Golden Harvest	H-1771	1.7	N	2.8	PI88788
Golden Harvest	H-1905RR	1.8	Y	2.0	PI88788
<b>Kaltenberg Seeds, P.O. Box 278, Waunakee, WI 53597, 800-383-3276, ksfseeds@chorus.net, www.kaltenbergseeds.com</b>					
Kaltenberg	KB191RR	1.9	Y	2.4	PI88788
<b>Latham Seed Company, 131 180th St., Alexander, IA 50420, 641-692-3258, latham@lathamseeds.com, www.lathamseeds.com</b>					
Latham	EX-388RRN	1.9	Y	2.4	PI88788
Latham	EX-432CN	1.9	N	2.7	PI88788
Latham	352CN	1.9	N	2.7	PI88788

Brand	Variety	Relative Maturity	Roundup Ready® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
<b>Legend Seeds Inc., 103 Hwy 14 East, Box 241, DeSmet, SD 57231, 800-678-3346, legend@legendseeds.net, www.legendseeds.net</b>					
Legend Seeds	1600RRN	1.6	Y	1.9	PI88788
<b>Merschman Seeds, Inc., 103 Ave. D., West Point, IA 52656, 800-848-7333, merseeds@merschmanseeds.com, www.merschmanseeds.com</b>					
Merschman	Venus RR	1.9	Y	1.7	PI88788
<b>Midwest Seed Genetics, P.O. Box 518, Carroll, IA 51401, 800-369-8218, wayne.hoener@channelbio.com, www.midwestseed.com</b>					
Midwest	GR1931	1.9	Y	3.0	PI88788
<b>Monsanto Company, 800 North Lindbergh Blvd., C3SD, St. Louis, MO 63167, 800-ROUNDUP, theodore.l.hammes@monsanto.com, www.monsanto.com</b>					
Monsanto Company	DKB17-51	1.7	Y	3.5	PI88788
Monsanto Company	AG1902	1.9	Y	3.0	PI88788
<b>Mustang Seed, 306 S. Washington, Madison, SD 57042, 605-256-6529, dalenelson@mustangseeds.com, www.mustangseeds.com</b>					
Mustang	M-193NRR	1.9	Y	2.1	Not Given
<b>Pioneer Hi-Bred International, Inc., 5700 Merle Hay Road, Johnston, IA 50131, 515-253-5800, ext. 5892, brentwilson@pioneer.com, www.pioneer.com</b>					
Pioneer Brand	91B42	1.4	N	1.7	PI88788
<b>Prairie Brand Seed Co., 15 X Ave., Story City, IA 50248, 800-544-8751, mike@prairiebrandseed.com, www.prairiebrandseed.com</b>					
Prairie Brand	PB-1392NRR	1.3	Y	1.8	PI88788
Prairie Brand	PB-198N	1.9	N	2.5	PI88788
<b>Producers Hybrids, Inc., P.O. Box C, Battle Creek, NE 68715, 402-675-2975, markg@producershybrids.com, www.producershybrids.com</b>					
Producers Hybrids	181NRR	1.8	Y	1.2	PI88788
<b>Profiseed Inc., 1691 Hwy 65, Hampton, IA 50441, 641-456-4751, lee@profiseed.com</b>					
Profiseed	PS 4182CN	1.9	Y	2.0	PI88788
<b>Sands of Iowa, 4765 Hwy 143, Marcus, IA 51035, soi@midlands.net, www.sandsofiowa.com</b>					
Sands of Iowa	1871NRR	1.8	Y	1.5	PI88788
Sands of Iowa	198N	1.9	N	2.0	PI88788
<b>Schillinger Seed Company, 4200 Corporate Drive, Suite 106, West Des Moines, IA 50266, 515-225-1166, info@schillingerseed.com, www.schillingerseed.com</b>					
Schillinger Seed	191.TCI	1.9	N	1.9	PI88788
<b>Stine Seed Company, 2225 Laredo Trail, Adel, IA 50003, 515-677-2605, info@stineseed.com, www.stineseed.com</b>					
Stine	S1202-4	1.3	Y	3.0	Not Given
Stine	S1962-4	1.8	Y	2.5	Not Given
<b>Stoner Seed Company, 14020 298th Ave., South English, IA 52335, 800-383-2089, ssf@netins.net</b>					
Stoner	1930NRR	1.9	Y	2.6	PI88788
<b>Thompson Seeds, Inc., 40321 130th Ave., Leland, IA 50453, 641-567-3350, thompson@thompsonseeds.com, www.thompsonseeds.com</b>					
Thompson	T-3171CN	1.7	N	1.5	Peking
Thompson	T-7178CR	1.7	Y	1.9	PI88788
Thompson	T-3183CN	1.8	N	2.1	PI88788
Thompson	T-3195CR	1.9	Y	2.4	PI88788
<b>Trelay Seed Co., 11623 Hwy 80, Livingston, WI 53554, 608-943-8564, jasonb@trelay.com, www.trelay.com</b>					
High Cycle	2193 RR/SCN	1.9	Y	2.0	PI88788
<b>UAP Midwest - Dyna-Gro Seed, 104 Harrison, Emmetsburg, IA 50536, 712-852-2908, al.schmitz@UAP.com, www.dyna-gro-mw.com</b>					
Dyna-Gro	X408NRR	1.5	Y	1.5	PI88788
Dyna-Gro	DG 3199NRR	1.9	Y	1.5	PI88788
<b>United Suppliers, Inc., 30473 260th St., P.O. Box 538, Eldora, IA 50627-0538, 877-714-4503, harolddavis@unitedsuppliers.com, www.unitedsuppliers.com</b>					
US Seeds	USS1802RR	1.8	Y	1.5	PI88788

Brand	Variety	Relative Maturity	Roundup Ready® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
<b>University of Minnesota, Minnesota Agricultural Experiment Station, St. Paul, MN 55108</b>					
MN Ag. Exp. Station	Freeborn	1.6	N	2.5	PI88788
MN Ag. Exp. Station	Fairbault	1.9	N	3.2	PI209332
<b>Wilson Seeds Inc., 1408 A. Hwy 44, Harlan, IA 51537, 800-747-1200, rpeters@wilsonseeds.com, www.wilsonseeds.com</b>					
Wilson	1981 RR	1.9	Y	2.7	PI88788
<b>Ziller Seed Co Inc., 76374 380th St., Bird Island, MN 55310, 320-365-3674, tziller@zillerseed.com, www.zillerseed.com</b>					
Ziller	BT7142NR	1.4	Y	3.1	PI88788
Ziller	BT7196NR	1.9	Y	2.0	PI88788

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

<b>Ag+ Seeds, 411 11th St. SW., Spencer, IA 51301, 712-262-9583, agplus@nwiowa.com</b>					
Ag+ Seeds	8322CNRR	2.2	Y	1.8	Not Given
Ag+ Seeds	8226CNRR	2.6	Y	2.4	Not Given
<b>AgVenture, Inc., 207 N. Seventh St., Kentland, IN 47951, 219-474-5557, avi@agventure.com, www.agventure.com</b>					
AgVenture	AV2253N	2.5	N	Not Given	PI88788
AgVenture	AV6261NRR	2.6	Y	2.6	PI88788
AgVenture	AV6262NRR	2.6	Y	2.4	PI88788
AgVenture	AV6273NRR	2.7	Y	2.4	PI88788
AgVenture	AV6275NRR	2.7	Y	2.2	PI88788
AgVenture	AV6292NRR	2.9	Y	3.0	PI88788
<b>Albert Lea Seed House, 1414 W. Main, P.O. Box 127, Albert Lea, MN 56007, 800-352-5247, mac@alseed.com, www.alseed.com</b>					
Viking	2108CNRR	2.1	Y	2.3	Hartwig/PI88788
Viking	2181CN	2.1	N	2.2	PI88788
<b>Beck's Superior Hybrids, 6767 E. 276th St., Atlanta, IN 46031, 317-984-3508, www.beckshybrids.com</b>					
Beck	277NRR	2.7	Y	Not Given	PI88788
Beck	295NRR	2.9	Y	Not Given	PI88788
<b>Bio Gene Seeds, 5491 Tri County Hwy, Sardinia, OH 45171, 888-862-3276, seeds@biogeneseeds.com, www.biogeneseeds.com</b>					
Bio Gene Seeds	BG2002NRR	2.0	Y	2.1	PI88788
Bio Gene Seeds	BG230NRR	2.3	Y	1.8	PI88788
<b>Bo-Jac Seed Co., 245 1500th Ave., Mt. Pulaski, IL 62548, 800-397-2069, tim@bojac.com, www.bo-jac.com</b>					
Mavrick	2262RR	2.6	Y	2.0	PI88788
Mavrick	1299RR	2.9	Y	2.0	PI88788
<b>Campbell Seed, Inc., 1375 N 800W, Tipton, IN 46072, 800-788-5950, campbellseed@iquest.com, www.campbellseed.com</b>					
Campbell Seed, Inc.	251NRR	2.5	Y	3.4	PI88788
Campbell Seed, Inc.	283NRR	2.8	Y	2.4	PI88788
<b>Croplan Genetics, 2827 8th Ave. North, Fort Dodge, IA 50501, 800-369-3060, dbjor@landolakes.com</b>					
Croplan Genetics	L1913CN	2.0	N	2.5	PI88788
Croplan Genetics	L2028CN	2.0	N	2.0	PI88788
Croplan Genetics	RC2223	2.2	Y	3.0	PI88788
Croplan Genetics	RC2323	2.2	Y	2.0	PI88788
Croplan Genetics	RC2300	2.2	Y	2.5	PI88788
Croplan Genetics	RC2424	2.4	Y	2.8	PI88788
Croplan Genetics	L2509CN	2.5	N	2.0	PI88788
Croplan Genetics	RC2626	2.6	Y	3.0	Hartwig
Croplan Genetics	RC2682	2.6	Y	3.0	PI88788
Croplan Genetics	RC2887	2.8	Y	2.0	PI88788
Croplan Genetics	RC2912	2.9	Y	3.0	PI88788
<b>Crow's Hybrid Corn Co., 612 East Dunlap St., Box 157, Kentland, IN 47951, 800-331-7201, wayne.hoener@channelbio.com, www.crowshybrid.com</b>					
Crow's	C2005	2.0	N	2.1	PI88788
Crow's	C24009RN	2.4	Y	1.7	PI88788
Crow's	C2615R	2.6	Y	2.6	PI88788
Crow's	C2915R	2.9	Y	3.0	PI88788

Brand	Variety	Relative Maturity	Roundup Ready® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
<b>Dairyland Seed Co., Inc., 3758 Hwy H., P.O. Box 958, West Bend, WI 53095, 800-236-0163, www.dairylandseed.com</b>					
Dairyland	DST-2131/RR	2.1	Y	3.4	PI88788
Dairyland	DSR-232/RR	2.3	Y	3.0	PI88788
Dairyland	DSR-255/RR	2.5	Y	2.5	PI88788
Dairyland	DSR-268/RR	2.7	Y	2.6	PI88788
Dairyland	DSR-274/RR	2.7	Y	2.2	PI88788
Dairyland	DSR-289/STS	2.8	N	2.5	PI88788
Dairyland	DST-2343	2.8	N	2.9	PI88788
Dairyland	DST-3148/RR	2.9	Y	2.7	PI88788
<b>Excel Brand, 116 E. State, Camp Point, IL 62320, 800-593-7708</b>					
Excel Brand	8240NRR	2.4	Y	2.8	PI88788
Excel Brand	8231NRR	2.4	Y	3.0	PI88788
Excel Brand	8266NRR	2.6	Y	2.2	PI88788
Excel Brand	8255NRR	2.6	Y	2.5	PI88788
Excel Brand	6260N	2.6	N	2.6	PI88788
Excel Brand	8276NRR	2.7	Y	3.2	PI88788
Excel Brand	8274NRR	2.7	Y	2.6	PI88788
<b>Farmers Cooperative Company, P.O. Box 35, Farnhamville, IA 50538-0035, 515-544-3213, dmccool@fccoop.com, www.fccoop.com</b>					
FC	2319SCN	2.3	N	1.7	PI88788
FC	2529RRSCN	2.5	Y	2.8	PI88788
FC	2619RRSCN	2.6	Y	2.1	PI88788
FC	2819RRSCN	2.8	Y	3.0	PI88788
<b>Fontanelle Hybrids, 10981 8th St., Fontanelle, NE 68025, 402-721-1410, spike@fontanelle.com, www.fontanelle.com</b>					
Fontanelle	8931NRR	2.3	Y	1.8	PI88788
Fontanelle	8192NRR	2.9	Y	3.0	PI88788
<b>Four Star Seed Company, P.O. Box 88, Parkersburg, IA 50665, 712-644-1400, dkenealy@logonet.net, www.4starseed.com</b>					
Four Star Seed Co.	3252RR	2.5	Y	2.3	PI88788
Four Star Seed Co.	3289RR	2.8	Y	3.0	PI88788
<b>Garst Seed Company, 2369 330th Street, Slater, IA 50244, scott.hart@garstseedco.com, www.garstseed.com</b>					
AgriPro/Garst	2013RR/N	2.0	Y	2.8	PI88788/PI437654
AgriPro/Garst	XR20N20	2.0	Y	2.6	PI88788
AgriPro/Garst	2112RR/N	2.1	Y	2.0	PI88788
AgriPro/Garst	2212RR/N	2.2	Y	2.3	PI88788
AgriPro/Garst	XR23N12	2.3	Y	2.6	PI88788
AgriPro/Garst	D259N	2.5	N	2.7	PI88788
AgriPro/Garst	2612RR/N	2.6	Y	2.0	PI88788
AgriPro/Garst	XR28N77	2.8	Y	2.0	PI88788
AgriPro/Garst	2912RR/N	2.9	Y	3.0	PI88788
AgriPro/Garst	D294RR/N	2.9	Y	3.3	PI88788
PSA	8255RR/N	2.5	Y	2.9	PI88788
<b>Gold Country Seed, Inc., 16506 Highway 15 North, P.O. Box 604, Hutchinson, MN 55350-0604, 800-795-8544, jleafblad@goldcountryseed.com, www.goldcountryseed.com</b>					
Gold Country	6320NRR	2.0	Y	2.4	PI88788
Gold Country	2121NRR	2.1	Y	3.1	PI88788
Gold Country	3221NRR	2.1	Y	2.5	PI88788
Gold Country	6123NRR	2.4	Y	2.2	PI88788
Gold Country	6227NRR	2.5	Y	2.5	PI88788
Gold Country	5329Cyst	2.9	N	2.5	PI88788
<b>Golden Seed Co., 27525 135th Ave. N., Cordova, IL 61242, 309-654-2234, jmartin@goldenseedco.com, www.goldenharvestseeds.com</b>					
Golden Harvest	H-2276RR	2.3	Y	2.6	PI88788
Golden Harvest	H-2632	2.6	N	2.8	PI88788
Golden Harvest	H-2824RR	2.8	Y	Not Given	PI88788
Golden Harvest	H-2991RR	2.9	Y	3.0	PI88788
<b>Great Heart Seed, 220 W. Washington, Paris, IL 61944, 217-465-4132, www.greatheartseed.com</b>					
Great Heart	GT-291CRR	2.9	Y	Not Given	PI88788

Brand	Variety	Relative Maturity	Roundup Ready® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
<b>Great Lakes Hybrids, 9915 W. M-21, Ovid, MI 48866, 800-257-7333, mitch.ray@greatlakeshybrids.com, www.glh-seeds.com</b>					
Great Lakes Hybrids	GL2109RR	2.1	Y	2.2	PI88788
Great Lakes Hybrids	GL2419RR	2.4	Y	2.2	PI88788
Great Lakes Hybrids	GL2709RR	2.7	Y	2.2	PI88788
Great Lakes Hybrids	GL2919RR	2.9	Y	2.5	PI88788
<b>Gries Seed Farms, Inc., 2348 N. Fifth St., Fremont, OH 43420, 419-332-5571, gsfseeds@ezworks.net, www.griesseed.com</b>					
Gries Seeds	290NRR	2.9	Y	2.3	PI88788
<b>Growmark, Inc., 1701 Towanda Ave., Bloomington, IL 61701, 309-557-6399, thunsley@growmark.com, www.fssystem.com</b>					
FS HiSoy	HS2106	2.1	Y	3.5	PI88788
FS HiSoy	RT 2396	2.3	Y	2.0	PI88788
FS HiSoy	HS 2606	2.6	Y	2.5	PI88788
FS HiSoy	HS 2906	2.9	Y	3.0	PI88788
FS HiSoy	HS 2911	2.9	N	3.0	PI88788
<b>Hill Seed Company, 3069 330th St., Ellsworth, IA 50075, 515-836-2141, hillseed@netins.net, www.hillseed.com</b>					
Hill Seed	HS2290	2.2	N	3.0	PI88788
Hill Seed	HS222NRR	2.2	Y	2.0	PI88788
Hill Seed	HS230NRR	2.3	Y	2.0	PI88788
Hill Seed	HS252NRR	2.5	Y	2.5	PI88788
Hill Seed	HS282RR	2.8	Y	2.0	PI88788
<b>Hoblit Seed Company, 2189 1900th Ave., Atlanta, IL 61723, 217-648-2392, hoblit@abelink.com, www.hoblitseed.com</b>					
Hoblit Seed	HB293NRR	2.9	Y	3.0	PI88788
<b>Hoegemeyer Hybrids, 1755 Hoegemeyer Rd., Hooper, NE 68031, 402-654-3399, askus@hoegemeyer.com, www.therightseed.com</b>					
Hoegemeyer	X2622NRR	2.6	Y	2.1	PI88788
<b>Iowa State Hybrid Corn Co., 600 E. Walnut, Elkhart, IA 50073, 515-367-3633</b>					
Kruger	277RR/SCN	2.7	Y	2.9	PI88788
Kruger	288RR/SCN	2.8	Y	2.9	PI88788
<b>Iowa State University Research Foundation, 310 Lab of Mechanics, Ames, IA 50011, 515-294-9442, jjgus@iastate.edu, www.ag.iastate.edu/centers/cad/index.html</b>					
IA Ag. Exp. Station	IA2036	2.0	N	3.6	PI88788
IA Ag. Exp. Station	IA2036LF	2.0	N	3.8	PI88788
<b>Jacobsen Hybrid Corn Co. Inc., 129 9th St., Lake View, IA 51450-0379, 800-761-1024</b>					
Jacobsen	701N	2.1	N	4.5	PI88788
Jacobsen	702NR	2.2	Y	2.8	PI88788
Jacobsen	812NRB	2.2	Y	4.0	PI88788
Jacobsen	703N	2.3	N	4.8	PI88788
Jacobsen	823NRB	2.3	Y	2.8	PI88788
Jacobsen	815NR	2.5	Y	1.9	PI88788
Jacobsen	726NR	2.6	Y	2.5	PI88788
Jacobsen	729N	2.9	N	2.5	PI88788
Jacobsen	829NR	2.9	Y	2.6	PI88788
<b>JC Robinson Seeds &amp; the Golden Harvest Brand, 100 JC Robinson Blvd., Waterloo, NE 68069, 402-779-2531, bsis@jcrob.com, www.jcrob.com</b>					
Golden Harvest	H-2348RR	2.3	Y	2.1	PI88788
Golden Harvest	H-2632	2.6	N	2.6	PI88788
Golden Harvest	H-2748RR	2.7	Y	2.3	PI88788
Golden Harvest	H-2991RR	2.9	Y	3.0	PI88788
<b>Kaltenberg Seeds, P.O. Box 278, Waunakee, WI 53597, 800-383-3276, ksfseeds@chorus.net, www.kaltenbergseeds.com</b>					
Kaltenberg	KB230RR	2.3	Y	2.6	PI88788
Kaltenberg	KB251RR	2.5	Y	2.9	PI88788
Kaltenberg	KB264RR	2.6	Y	2.7	PI88788
<b>Kruger Seed Company, 33938 160th Street, Box A, Dike, IA 50624, 800-772-2721, seed1of2@aol.com, www.krugerseed.com</b>					
Kruger	K-202 RR/SCN	2.0	Y	2.9	PI88788
Kruger	K-221 RR/SCN	2.2	Y	2.9	Hartwig/PI88788
Kruger	K-2220+ SCN	2.2	N	3.0	PI88788
Kruger	K-272 RR/SCN	2.7	Y	3.6	Hartwig/PI88788
Kruger	K-277 RR/SCN	2.7	Y	2.9	PI88788

Brand	Variety	Relative Maturity	Roundup Ready® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
Kruger	K-288 RR/SCN	2.8	Y	2.8	PI88788
Kruger	K-288+ RR/SCN	2.8	Y	2.7	PI88788
<b>LaCrosse Forage &amp; Turf Seed Corp, 2541 Commerce St., LaCrosse, WI 54602, 608-783-9560, jcurran@centurytel.net</b>					
LaCrosse Forage & Turf Seed Corp	LC2000RR	2.0	Y	2.6	Not Given
<b>Latham Seed Company, 131 180th St., Alexander, IA 50420, 641-692-3258, latham@lathamseeds.com, www.lathamseeds.com</b>					
Latham	527RRN	2.2	Y	1.9	PI88788
Latham	537RRN	2.2	Y	2.4	PI88788
Latham	547RRN	2.2	Y	2.8	PI88788
Latham	EX-552CN	2.3	N	3.0	Hartwig
Latham	687RRN	2.4	Y	2.2	PI88788
Latham	EX-688RRN	2.5	Y	2.2	PI88788
Latham	732CN	2.6	N	2.6	PI88788
Latham	EX-737RRN	2.6	Y	3.1	PI88788
Latham	EX-758RRN	2.6	Y	3.1	Hartwig
Latham	EX-828RRN	2.7	Y	2.4	PI88788
Latham	EX-878RRN	2.8	Y	2.0	PI88788
Latham	957RRN	2.9	Y	3.0	PI88788
<b>Legend Seeds Inc., 103 Hwy 14 East, Box 241, DeSmet, SD 57231, 800-678-3346, legend@legendseeds.net, www.legendseeds.net</b>					
Legend Seeds	1912RRN	2.1	Y	2.1	PI88788
Legend Seeds	R-2113RRN	2.1	Y	2.4	PI88788
Legend Seeds	R-2200SCN	2.2	N	1.8	PI88788
<b>Lewis Hybrids, 530 W. Maple Ave., Ursa, IL 62376, 217-964-2131, scott@lewishybrids.com, www.lewishybrids.com</b>					
Lewis	2822RR	2.8	Y	3.5	PI88788
Lewis	2898RR	2.9	Y	3.5	PI88788
<b>LG Seeds, 22827 Shissler Road, Elmwood, IL 61529, 309-742-2211, www.lgseeds.com</b>					
LG Seeds	C2233NRR	2.2	Y	2.5	PI88788
LG Seeds	C2666NRR	2.6	Y	2.0	PI88788
LG Seeds	C2982NRR	2.9	Y	3.0	PI88788
<b>Mallard Seed Co., Inc., 311 West Broadway, Plainview, MN 55964, 507-534-2300, mallardinc@aol.com</b>					
Mallard	RR2311CN	2.3	Y	1.8	Not Given
<b>Mark Seed Company, 823 West 2nd St., P.O. Box 67, Perry, IA 50220, 800-383-6275, markseed@dwx.com, www.markseed.com</b>					
Mark Seed Co.	RR0220CTA	2.0	Y	2.0	Not Given
Mark Seed Co.	RR0121CTA	2.1	Y	2.0	Not Given
Mark Seed Co.	RR0221CTA	2.1	Y	2.0	Not Given
Mark Seed Co.	RR0022CTB	2.2	Y	2.6	Not Given
Mark Seed Co.	RR0023CTA	2.3	Y	2.5	Not Given
Mark Seed Co.	RR9923CTB	2.3	Y	2.0	Not Given
Mark Seed Co.	RR0124CTA	2.4	Y	2.3	Not Given
Mark Seed Co.	RR0025CTA	2.5	Y	3.0	Not Given
Mark Seed Co.	RR0125CTB	2.5	Y	2.2	Not Given
Mark Seed Co.	RR0225CTA	2.5	Y	2.0	Not Given
Mark Seed Co.	RR0026CTB	2.6	Y	2.4	Not Given
Mark Seed Co.	RR 2.6 CTA	2.6	Y	3.0	Not Given
Mark Seed Co.	RR0126CTA	2.6	Y	2.4	Not Given
Mark Seed Co.	RR0226CTA	2.6	Y	2.4	Not Given
Mark Seed Co.	RR0127CTA	2.7	Y	Not Given	Not Given
Mark Seed Co.	RR0227CTA	2.7	Y	1.0	Not Given
Mark Seed Co.	RR9927CTA	2.7	Y	3.0	Not Given
Mark Seed Co.	RR9927CTB	2.7	Y	3.0	Not Given
Mark Seed Co.	RR0028CTA	2.8	Y	2.0	Not Given
Mark Seed Co.	RR0028CTB	2.8	Y	2.0	Not Given
Mark Seed Co.	RR0128CTB	2.8	Y	2.0	Not Given
Mark Seed Co.	RR0029CTB	2.9	Y	3.0	Not Given
Mark Seed Co.	RR0129CTB	2.9	Y	3.0	Not Given
Mark Seed Co.	RR0229CTB	2.9	Y	2.5	Not Given

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<b>Merschman Seeds, Inc., 103 Ave. D., West Point, IA 52656, 800-848-7333, merseeds@merschmanseeds.com, www.merschmanseeds.com</b>					
Merschman	Navaho VIIRR	2.2	Y	2.2	PI88788
Merschman	Mohegan IVRR	2.6	Y	2.6	PI88788
Merschman	Shawnee VIIIIR	2.6	Y	2.4	PI88788
Merschman	Cherokee XRR	2.9	Y	3.0	PI88788
<b>Midwest Seed Genetics, P.O. Box 518, Carroll, IA 51401, 800-369-8218, wayne.hoener@channelbio.com, www.midwestseed.com</b>					
Midwest	G2015	2.0	N	2.1	PI88788
Midwest	GR2325	2.3	Y	1.7	PI88788
Midwest	GR2631	2.6	Y	2.6	PI88788
Midwest	GR2931	2.9	Y	3.0	PI88788
<b>Monier Seed and Service, 846 Yankee Lane, Sparland, IL 61565, 309-469-2511, monierseed@joysta.com</b>					
Monier	M2789RR	2.7	Y	3.1	PI88788
Monier	M291	2.9	N	2.9	PI88788
Monier	M2911RR	2.9	Y	2.0	PI88788
<b>Monsanto Company, 800 North Lindbergh Blvd., C3SD, St. Louis, MO 63167, 800-ROUNDUP, theodore.l.hammes@monsanto.com, www.monsanto.com</b>					
Monsanto Company	DKB20-51	2.0	Y	2.0	PI88788
Monsanto Company	AG2201	2.2	Y	2.0	PI88788
Monsanto Company	DKB24-51	2.4	Y	3.5	PI88788
Monsanto Company	AG2601	2.6	Y	3.0	PI88788
Monsanto Company	DKB26-52	2.6	Y	2.0	PI88788
Monsanto Company	AG2705	2.7	Y	3.0	PI88788
Monsanto Company	DKB27-51	2.7	Y	3.0	PI88788
Monsanto Company	A2869	2.8	N	1.5	PI88788
Monsanto Company	AG2905	2.9	Y	3.0	PI88788
<b>Munson Hybrids, 1262 Knot Rd 100 E, Galesburg, IL 61401, 309-343-8410, munsnhyb@galesburg.net, www.munsonhybrids.com</b>					
Munson Hybrids	8251RR	2.5	Y	2.8	Not Given
Munson Hybrids	8290RR	2.9	Y	3.0	Not Given
Munson Hybrids	8299	2.9	N	2.5	Not Given
<b>Mustang Seed, 306 S. Washington, Madison, SD 57042, 605-256-6529, dalenelson@mustangseeds.com, www.mustangseeds.com</b>					
Mustang	M-223NRR	2.2	Y	2.5	Not Given
<b>Mycogen Seeds, 9330 Zionsville Rd., Indianapolis, IN 46268, lwdallas@dow.com, www.mycogen.com</b>					
Atlas	5B210NRR	2.1	Y	3.5	PI88788
<b>Naylor Seed Company, 1600 116th Ave., Scotch Grove, IA 52310, 319-465-3035, naylorseed@m-connect.net</b>					
Excel	8231NRR	2.4	Y	2.9	PI88788
<b>Ottillie RO Seed, 1462 Sanford Ave., Marshalltown, IA 50158, 641-753-5561</b>					
Ottillie	RO 8232 RRN	2.3	Y	3.0	PI88788
Ottillie	RO 8235 RRN	2.3	Y	1.6	PI88788
Ottillie	RO 8266 RRN	2.6	Y	3.1	PI88788
Ottillie	RO 8282 RRN	2.8	Y	3.0	PI88788
<b>Patriot Seed, Inc., 208 S. Worrell, Box 97, Bowen, IL 62316, 800-643-1518, ron@patriotseed.com, www.patriotseed.com</b>					
Patriot Seed, Inc.	210N	2.1	N	2.8	PI88788
Patriot Seed, Inc.	24X14	2.4	Y	2.7	PI88788
Patriot Seed, Inc.	26X16	2.6	Y	2.6	PI88788
Patriot Seed, Inc.	EX1627NRR	2.7	Y	2.2	PI88788
Patriot Seed, Inc.	292NRR	2.9	Y	2.5	PI88788
Patriot Seed, Inc.	29F08	2.9	N	2.7	PI88788
Patriot Seed, Inc.	29X11	2.9	Y	3.0	PI88788
Patriot Seed, Inc.	EX1629NRR	2.9	Y	2.6	Peking
<b>Pioneer Hi-Bred International, Inc., 5700 Merle Hay Road, Johnston, IA 50131, 515-253-5800, ext. 5892, brentwilson@pioneer.com, www.pioneer.com</b>					
Pioneer Brand	92B12	2.1	N	3.0	Peking
Pioneer Brand	92B14	2.1	Y	3.0	PI88788
Pioneer Brand	9234	2.2	N	2.0	Peking

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Pioneer Brand	92B37	2.3	N	3.9	Peking/PI88788
Pioneer Brand	92B62	2.6	Y	3.0	Peking/PI88788
Pioneer Brand	92B91	2.9	N	3.0	PI88788
Pioneer Brand	92B95	2.9	Y	3.0	PI88788
<b>Prairie Brand Seed Co., 15 X Ave., Story City, IA 50248, 800-544-8751, mike@prairiebrandseed.com, www.prairiebrandseed.com</b>					
Prairie Brand	PB-1992NRR	2.0	Y	2.8	PI88788
Prairie Brand	PB-2092NRR	2.0	Y	3.0	Hartwig
Prairie Brand	PB-210N	2.1	N	2.8	PI88788
Prairie Brand	PB-2323NRR	2.3	Y	2.5	PI88788
Prairie Brand	PB-232N	2.3	N	2.5	PI88788
Prairie Brand	PB-2392NRR	2.3	Y	3.5	PI88788
Prairie Brand	PB-2520NRR	2.5	Y	3.3	PI88788
Prairie Brand	PB-2592NRR	2.5	Y	3.6	Hartwig
Prairie Brand	PB-2606NRR	2.6	Y	3.0	PI88788
Prairie Brand	PB-260N	2.6	N	3.0	PI88788
Prairie Brand	PB-2801NRR	2.7	Y	3.0	PI88788
Prairie Brand	PB-291N	2.9	N	3.7	PI88788
Prairie Brand	PB-2920NRR	2.9	Y	3.7	PI88788
<b>Producers Hybrids, Inc., P.O. Box C, Battle Creek, NE 68715, 402-675-2975, markg@producershybrids.com, www.producershybrids.com</b>					
Producers Hybrids	2201N	2.2	N	3.0	PI88788
Producers Hybrids	238NRR	2.3	Y	1.2	PI88788
Producers Hybrids	261NRR	2.6	Y	2.1	PI88788
<b>Profiseed Inc., 1691 Hwy 65, Hampton, IA 50441, 641-456-4751, lee@profiseed.com</b>					
Profiseed	PS 4225CN	2.1	Y	2.3	PI88788
Profiseed	PS 2310CN	2.3	Y	2.9	Hartwig
Profiseed	PS 4261CN	2.6	Y	2.7	PI88788
Profiseed	PS 4262CN	2.6	Y	2.6	Hartwig
Profiseed	PS 426CN	2.6	Y	2.7	PI88788
Profiseed	PS X427CN	2.7	Y	2.6	PI88788
Profiseed	PS 4291CN	2.9	Y	3.1	PI88788
<b>Rainbow Seeds Inc., 1816 Hwy 163, Oskaloosa, IA 52577, 641-673-9471, Brent@rainbowseeds.com, www.Rainbowseeds.com</b>					
Rainbow	4275NRR	2.7	Y	2.6	PI88788
Rainbow	4285NRR	2.8	Y	2.0	PI88788
<b>Renk Seed Co., 6800 Wilburn Rd., Sun Prairie, WI 53590, 800-BUY-RENK, agsup@Madison.TSI.net, www.renkseed.com</b>					
Renk Seed Co	RS202NRR	2.0	Y	2.1	PI88788
Renk Seed Co	RS262NRR	2.6	Y	2.8	PI88788
<b>Renze Hybrids, Inc., 27410 Kittyhawk Ave., Carroll, IA 51401, 712-669-3301, timrenze@renzehybrids.com, www.renzehybrids.com</b>					
Renze	R2093Rcn	2.0	Y	2.0	PI88788
Renze	R2352cn	2.3	N	1.8	PI88788
Renze	R2483Rcn	2.4	Y	2.2	PI88788
Renze	R2693Rcn	2.6	Y	3.0	PI88788
Renze	R2783Rcn	2.7	Y	2.0	PI88788
Renze	R2991Rcn	2.9	Y	3.0	PI88788
<b>Royster-Clark, 717 Robinson Rd., Washington Court House, OH 43160, 740-335-3810, gcStClair@roysterclark.com, www.roysterclark.com</b>					
Vigoro	V20N3RR	2.0	Y	2.0	PI88788
Vigoro	V272NRR	2.7	Y	2.5	PI88788
Vigoro	V29N3RR	2.9	Y	2.0	PI88788
<b>Sands of Iowa, 4765 Hwy 143, Marcus, IA 51035, soi@midlands.net, www.sandsofiowa.com</b>					
Sands of Iowa	2042NRR	2.0	Y	2.0	PI88788
Sands of Iowa	201N	2.1	N	3.0	PI88788
Sands of Iowa	212N	2.1	N	2.0	PI88788
Sands of Iowa	2221NRR	2.2	Y	2.5	PI88788
Sands of Iowa	235NRR	2.3	Y	2.0	PI88788
Sands of Iowa	247N	2.4	N	2.0	PI88788
Sands of Iowa	2606NRR	2.6	Y	3.0	Hartwig/PI88788
Sands of Iowa	2642NRR	2.6	Y	2.5	PI88788
Sands of Iowa	2900NRR	2.9	Y	3.0	PI88788

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<b>Schillinger Seed Company, 4200 Corporate Drive, Suite 106, West Des Moines, IA 50266, 515-225-1166, info@schillingerseed.com, www.schillingerseed.com</b>					
Schillinger Seed	221.RC	2.2	Y	2.1	PI88788
Schillinger Seed	221.TC	2.2	N	2.5	PI88788
Schillinger Seed	242.TC	2.4	N	2.2	PI88788
Schillinger Seed	272.RC	2.7	Y	2.0	PI88788
Schillinger Seed	291.TCB	2.9	N	2.6	PI88788
Schillinger Seed	292.RC	2.9	Y	2.6	PI88788
<b>Schlessman Seed Co., 11513 Milan Rd., Milan, OH 44846, 419-499-2572</b>					
Schlessman	SSC 273CNRR	2.7	Y	Not Given	PI88788
<b>Sieben Hybrids, Inc., 633 N. College Ave., Geneseo, IL 61254, 309-944-5131, sieben@netexpress.net, www.siebenhybrids.com</b>					
Sieben Hybrids	2603NRR	2.6	Y	3.1	PI88788
Sieben Hybrids	2700NRR	2.7	Y	3.2	Hartwig
Sieben Hybrids	2804NRR	2.8	Y	2.7	PI88788
Sieben Hybrids	2900NRR	2.9	Y	3.0	PI88788
Sieben Hybrids	2903NRR	2.9	Y	3.0	PI88788
Sieben Hybrids	293N	2.9	N	3.0	PI88788
<b>Sterler Seed Farm, 510 W. 4th St., Sanborn, IA 51248, 712-729-3743, sterlerr@mtcnet.net</b>					
BioGene	BG2002NRR	2.0	Y	2.1	PI88788
BioGene	BG230NRR	2.3	Y	1.8	PI88788
<b>Stine Seed Company, 2225 Laredo Trail, Adel, IA 50003, 515-677-2605, info@stineseed.com, www.stineseed.com</b>					
Stine	S1902-4	2.0	Y	3.0	Not Given
Stine	1882-1	2.1	N	2.5	Not Given
Stine	1892-2	2.1	N	2.25	Not Given
Stine	S2342-4	2.3	Y	3.0	Not Given
Stine	2422-2	2.4	N	3.0	Not Given
Stine	S2502-4	2.5	Y	3.5	Not Given
Stine	S2842-4	2.8	Y	2.5	Not Given
Stine	S2802-4	2.9	Y	3.25	Not Given
<b>Stoner Seed Company, 14020 298th Ave., South English, IA 52335, 800-383-2089, ssf@netins.net</b>					
Stoner	2310NRR	2.3	Y	1.8	PI88788
Stoner	2730NRR	2.7	Y	2.6	PI88788
<b>Sucrosco Seeds, 353 Main, Manilla, IA 51454, 712-654-2732, sucrosco@fmctc.com, www.sucrosco.com</b>					
Sucrosco	7239RN	2.3	Y	2.6	Not Given
Sucrosco	x71590RN	2.6	Y	2.5	Not Given
Sucrosco	7280RN	2.8	Y	2.9	Not Given
Sucrosco	x71801RN	2.9	Y	3.0	Not Given
<b>Sun Ag Inc., PO Box 227, El Paso, IL 61738, 309-527-6500</b>					
SAS	2901N	2.9	N	3.0	PI88788
SAS	2962NR	2.9	Y	3.0	PI88788
<b>Thompson Seeds, Inc., 40321 130th Ave., Leland, IA 50453, 641-567-3350, thompson@thompsonseeds.com, www.thompsonseeds.com</b>					
Thompson	T-3204CN	2.0	N	2.0	PI88788
Thompson	T-7206CR	2.0	Y	2.7	Not Given
Thompson	T-3218CR	2.1	Y	2.9	PI88788
Thompson	T-7211CR	2.1	Y	2.5	Hartwig/PI88788
Thompson	T-7227CR	2.2	Y	2.6	PI88788
Thompson	T-3236CN	2.3	N	2.2	PI88788
Thompson	T-7238CR	2.3	Y	2.3	PI88788
Thompson	T-7246CR	2.4	Y	2.2	PI88788
Thompson	T-3258CR	2.5	Y	2.6	PI88788
Thompson	T-7272CR	2.7	Y	2.9	PI88788
Thompson	T-7291CR	2.9	Y	2.8	PI88788
<b>Trelay Seed Co., 11623 Hwy 80, Livingston, WI 53554, 608-943-8564, jasonb@trelay.com, www.trelay.com</b>					
High Cycle	2261RR/SCN	2.6	Y	3.0	PI88788

Brand	Variety	Relative Maturity	Roundup Ready® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
<b>UAP Midwest - Dyna-Gro Seed, 104 Harrison, Emmetsburg, IA 50536, 712-852-2908, al.schmitz@UAP.com, www.dyna-gro-mw.com</b>					
Dyna-Gro	DG 3216NRR	2.1	Y	2.5	PI88788
Dyna-Gro	DG 3221NRR	2.2	Y	2.0	PI88788
Dyna-Gro	DG3226	2.2	N	2.2	PI88788
Dyna-Gro	DG 3231NRR	2.3	Y	1.7	PI88788
Dyna-Gro	DG 3262NRR	2.6	Y	2.0	PI88788
Dyna-Gro	DG3271NRR	2.7	Y	2.5	PI88788
Dyna-Gro	X429 NRR	2.7	Y	2.5	PI88788
Dyna-Gro	DG3292NRR	2.9	Y	2.5	PI88788
<b>United Suppliers, Inc., 30473 260th St., P.O. Box 538, Eldora, IA 50627-0538, 877-714-4503, harolddavis@unitedsuppliers.com, www.unitedsuppliers.com</b>					
US Seeds	USS2003RR	2.0	Y	2.0	PI88788
US Seeds	USS213	2.1	N	2.3	PI88788
US Seeds	USS2201RR	2.2	Y	2.6	PI88788
US Seeds	USS2602RR	2.6	Y	2.5	PI88788
US Seeds	USS2902RR	2.9	Y	3.0	PI88788
<b>University of Illinois, 1101 W. Peabody Dr., Urbana, IL 61801</b>					
IL Ag. Exp. Station	Loda	2.3	N	3.8	PI88788
IL Ag. Exp. Station	Dwight	2.9	N	3.8	PI88788
IL Ag. Exp. Station	Jack	2.9	N	3.1	PI88788
<b>Wilson Seeds Inc., 1408 A. Hwy 44, Harlan, IA 51537, 800-747-1200, rpeters@wilsonseeds.com, www.wilsonseeds.com</b>					
Wilson	2960RR/SCN	2.9	Y	3.0	PI88788

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

<b>AgVenture, Inc., 207 N. Seventh St., Kentland, IN 47951, 219-474-5557, avi@agventure.com, www.agventure.com</b>					
AgVenture	AV2322N	3.2	N	Not Given	PI88788
AgVenture	AV6301NRR	3.2	Y	2.5	PI88788
AgVenture	AV6322NRR	3.2	Y	2.8	PI88788
AgVenture	AV6330NRR	3.3	Y	2.8	PI88788
AgVenture	AV6333NRR	3.3	Y	2.6	PI88788
AgVenture	AV2341N	3.4	N	2.5	PI88788
AgVenture	AV6341NRR	3.4	Y	3.2	PI88788
AgVenture	AV6360NRR	3.6	Y	2.9	PI88788
AgVenture	AV6362NRR	3.6	Y	3.8	PI88788
AgVenture	AV6370NRR	3.7	Y	3.5	PI88788
AgVenture	AV6372NRR	3.7	Y	3.0	PI88788
AgVenture	AV6381NRR	3.8	Y	3.7	PI88788
<b>Beck's Superior Hybrids, 6767 E. 276th St., Atlanta, IN 46031, 317-984-3508, www.beckshybrids.com</b>					
Beck	336NRR	3.3	Y	Not Given	PI88788
Beck	367NRR	3.6	Y	Not Given	PI88788
Beck	379N	3.7	N	Not Given	PI88788
Beck	387NRR	3.8	Y	Not Given	PI88788
<b>Bergman-Taylor, Inc., 10073 Ellis Rd., St. Jacob, IL 62281, 618-644-5522</b>					
BT	371CR	3.7	Y	Not Given	PI88788
BT	383CR	3.9	Y	Not Given	PI88788
BT	392CR	3.9	Y	Not Given	PI88788
BT	362CR	3.9	Y	Not Given	PI88788
<b>Bio Gene Seeds, 5491 Tri County Hwy, Sardinia, OH 45171, 888-862-3276, seeds@biogeneseeds.com, www.biogeneseeds.com</b>					
Bio Gene Seeds	BG3300NRR	3.3	Y	2.8	PI88788
Bio Gene Seeds	BG3620NRR	3.7	Y	2.5	PI88788
Bio Gene Seeds	BG3720NRR	3.7	Y	Not Given	PI88788
Bio Gene Seeds	BG391NRR	3.9	Y	2.9	PI88788
Bio Gene Seeds	BG3900NRR	3.9	Y	3.2	PI88788

Brand	Variety	Relative Maturity	Roundup Ready® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
<b>Bo-Jac Seed Co., 245 1500th Ave., Mt. Pulaski, IL 62548, 800-397-2069, tim@bojac.com, www.bo-jac.com</b>					
Mavrick	2323RR	3.2	Y	1.7	PI88788
Mavrick	1363RR	3.6	Y	1.5	PI88788
Mavrick	2373RR	3.7	Y	Not Given	PI88788
<b>Campbell Seed, Inc., 1375 N 800W, Tipton, IN 46072, 800-788-5950, campbellseed@iquest.com, www.campbellseed.com</b>					
Campbell Seed, Inc.	332NRR	3.3	Y	2.7	PI88788
Campbell Seed, Inc.	363NRR	3.6	Y	2.5	PI88788
Campbell Seed, Inc.	372NRR	3.7	Y	2.9	PI88788
Campbell Seed, Inc.	393NRR	3.9	Y	3.2	PI88788
<b>Croplan Genetics, 2827 8th Ave. North, Fort Dodge, IA 50501, 800-369-3060, dbjor@landolakes.com</b>					
Croplan Genetics	RC3212	3.2	Y	2.8	PI88788
Croplan Genetics	RC3222	3.2	Y	Not Given	PI88788
Croplan Genetics	RC3335	3.3	Y	3.0	PI88788
Croplan Genetics	RC3542	3.5	Y	2.5	PI88788
Croplan Genetics	RC3636	3.6	Y	2.5	PI88788
<b>Crow's Hybrid Corn Co., 612 East Dunlap St., Box 157, Kentland, IN 47951, 800-331-7201, wayne.hoener@channelbio.com, www.crowshybrid.com</b>					
Crow's	C3315R	3.3	Y	2.9	PI88788
Crow's	C3515R	3.5	Y	Not Given	PI88788
Crow's	C3517R	3.5	Y	2.3	PI88788
Crow's	C37003N	3.7	N	2.2	PI88788
Crow's	C3715R	3.7	Y	3.5	PI88788
Crow's	C3717R	3.7	Y	Not Given	PI88788
Crow's	C3915R	3.9	Y	3.0	PI88788
<b>Dairyland Seed Co., Inc., 3758 Hwy H., P.O. Box 958, West Bend, WI 53095, 800-236-0163, www.dairylandseed.com</b>					
Dairyland	DSR-301/RR	3.0	Y	2.7	PI88788
Dairyland	DST-3147	3.1	N	2.7	PI88788
Dairyland	DST-3145	3.2	N	2.5	PI88788
Dairyland	DSR-327/RR	3.3	Y	2.8	PI88788
Dairyland	DSR-338/STS	3.3	N	2.8	PI88788
Dairyland	DSR-340/RR	3.3	Y	2.4	PI88788
Dairyland	DSR-363/RR	3.6	Y	2.4	PI88788
Dairyland	DST-3218	3.6	N	2.8	PI88788
Dairyland	DST-3220/RR	3.7	Y	3.6	PI88788
Dairyland	DSR-375/RR	3.8	Y	2.9	PI88788
Dairyland	DSR-395/RR	3.9	Y	2.8	PI88788
<b>Excel Brand, 116 E. State, Camp Point, IL 62320, 800-593-7708</b>					
Excel Brand	6303N	3.0	N	2.9	PI88788
Excel Brand	8313NRR	3.1	Y	2.7	PI88788
Excel Brand	8304NRR	3.1	Y	2.7	PI88788
Excel Brand	6290N	3.1	N	2.9	PI88788
Excel Brand	8334NRR	3.3	Y	2.4	PI88788
Excel Brand	8335NRR	3.4	Y	2.7	PI88788
Excel Brand	8365NRR	3.5	Y	2.8	PI88788
Excel Brand	8341NRR	3.5	Y	3.1	PI88788
Excel Brand	8357NRR	3.6	Y	2.4	PI88788
Excel Brand	8378NRR	3.7	Y	3.6	PI88788
Excel Brand	8385NRR	3.8	Y	2.7	PI88788
Excel Brand	8384NRR	3.8	Y	2.9	PI88788
Excel Brand	8404NRR	3.9	Y	2.7	PI88788
Excel Brand	8393NRR	3.9	Y	2.5	PI88788
<b>Fontanelle Hybrids, 10981 8th St., Fontanelle, NE 68025, 402-721-1410, spike@fontanelle.com, www.fontanelle.com</b>					
Fontanelle	9162NRR	3.6	Y	2.5	PI88788
Fontanelle	9181NRR	3.8	Y	2.0	PI88788
Fontanelle	9192NRR	3.9	Y	2.6	PI88788
<b>Four Star Seed Company, P.O. Box 88, Parkersburg, IA 50665, 712-644-1400, dkenealy@loganet.net, www.4starseed.com</b>					
Four Star Seed Co.	3296RR	3.0	Y	2.8	PI88788

Brand	Variety	Relative Maturity	Roundup Ready® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
<b>Garst Seed Company, 2369 330th Street, Slater, IA 50244, scott.hart@garstseedco.com, www.garstseed.com</b>					
AgriPro/Garst	3013RR/N	3.0	N	3.6	PI88788/PI437654
AgriPro/Garst	XR30N06	3.0	Y	4.4	PI88788
AgriPro/Garst	3112RR/N	3.1	Y	2.7	PI88788
AgriPro/Garst	3212RR/N	3.2	Y	2.6	PI88788
AgriPro/Garst	XR32N10	3.2	Y	4.2	PI88788
AgriPro/Garst	D333RR/N	3.3	Y	3.2	PI88788
AgriPro/Garst	D358	3.5	N	2.4	PI88788
AgriPro/Garst	XC35N85	3.5	N	4.2	PI88788
AgriPro/Garst	D363STS/N	3.6	N	3.6	PI88788
AgriPro/Garst	3712RR/N	3.7	Y	2.6	PI88788
AgriPro/Garst	3792RR/N	3.7	Y	4.0	PI88788
AgriPro/Garst	3812RR/N	3.8	Y	3.0	PI88788
AgriPro/Garst	D399RR/N	3.9	Y	4.1	PI88788
AgriPro/Garst	3906N	3.9	N	3.9	PI88788
AgriPro/Garst	XR39N19	3.9	Y	4.2	PI88788
<b>Golden Seed Co., 27525 135th Ave. N., Cordova, IL 61242, 309-654-2234, jmartin@goldenseedco.com, www.goldenharvestseeds.com</b>					
Golden Harvest	H-3383RR	3.3	Y	Not Given	PI88788
<b>Great Heart Seed, 220 W. Washington, Paris, IL 61944, 217-465-4132, www.greatheartseed.com</b>					
Great Heart	GT-318CRR	3.1	Y	Not Given	PI88788
Great Heart	GT-330CRR	3.3	Y	Not Given	PI88788
Great Heart	GT-336CSTS	3.3	N	Not Given	PI88788
Great Heart	GT-360CRR	3.6	Y	Not Given	PI88788
Great Heart	GT-363CRR	3.7	Y	Not Given	PI88788
Great Heart	GT-371CRR	3.7	Y	Not Given	PI88788
Great Heart	GT-396CRR	3.9	Y	Not Given	PI88788
<b>Great Lakes Hybrids, 9915 W. M-21, Ovid, MI 48866, 800-257-7333, mitch.ray@greatlakeshybrids.com, www.glh-seeds.com</b>					
Great Lakes Hybrids	GL3209RR	3.2	Y	2.8	PI88788
Great Lakes Hybrids	GL3409RR	3.4	Y	2.9	PI88788
<b>Green Valley Seed, 121 West College, P.O. Box 35, Kahoka, MO 63445, 660-727-3341, kksowers@intersigns.net</b>					
Willcross	2331N	3.3	Y	2.9	PI88788
Willcross	2361N	3.6	Y	2.6	PI88788
Willcross	2362N	3.7	Y	2.5	PI88788
Willcross	2382N	3.8	Y	3.0	PI88788
Willcross	2392N	3.9	Y	Not Given	PI88788
<b>Gries Seed Farms, Inc., 2348 N. Fifth St., Fremont, OH 43420, 419-332-5571, gsfseeds@ezworks.net, www.griesseed.com</b>					
Gries Seed	360NRR	3.6	Y	2.4	PI88788
<b>Growmark, Inc., 1701 Towanda Ave., Bloomington, IL 61701, 309-557-6399, thunsley@growmark.com, www.fssystem.com</b>					
FS HiSoy	HS 3005	3.0	Y	2.5	PI88788
FS HiSoy	HS 3306	3.3	Y	3.0	PI88788
FS HiSoy	HS 3506	3.5	Y	3.5	PI88788
FS HiSoy	HS 3591	3.5	N	4.0	PI88788
FS HiSoy	HS 3616	3.7	Y	2.5	PI88788
FS HiSoy	HS 3706	3.7	Y	3.7	PI88788
<b>Hoblit Seed Company, 2189 1900th Ave., Atlanta, IL 61723, 217-648-2392, hoblit@abelink.com, www.hoblitseed.com</b>					
Hoblit Seed	HB311NRR	3.0	Y	3.1	PI88788
Hoblit Seed	HB331NRR	3.3	Y	2.5	PI88788
Hoblit Seed	HB334N	3.4	N	2.6	PI88788
Hoblit Seed	HB364NRR	3.6	Y	3.6	PI88788
Hoblit Seed	HB371NRR	3.7	Y	3.7	PI88788
<b>Hoegemeyer Hybrids, 1755 Hoegemeyer Rd., Hooper, NE 68031, 402-654-3399, askus@hoegemeyer.com, www.therightseed.com</b>					
Hoegemeyer	362NRR	3.6	Y	2.5	PI88788
Hoegemeyer	391NRR	3.9	Y	3.0	PI88788

Brand	Variety	Relative Maturity	Roundup Ready® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
<b>Iowa State University Research Foundation, 310 Lab of Mechanics, Ames, IA 50011, 515-294-9442, jjgus@iastate.edu, www.ag.iastate.edu/centers/cad/index.html</b>					
IA Ag. Exp. Station	IA3014	3.0	N	Not Given	PI88788
IA Ag. Exp. Station	IA3005	3.0	N	Not Given	PI88788
<b>Jacobsen Hybrid Corn Co. Inc., 129 9th St., Lake View, IA 51450-0379, 800-761-1024</b>					
Jacobsen	910NR	3.2	Y	3.6	PI88788
<b>JC Robnson Seeds &amp; the Golden Harvest Brand, 100 JC Robnson Blvd., Waterloo, NE 68069, 402-779-2531, bsis@jcrob.com, www.jcrob.com</b>					
Golden Harvest	H-3631RR	3.6	Y	2.5	PI88788
Golden Harvest	H-3848RR	3.8	Y	2.9	PI88788
<b>Kaltenberg Seeds, P.O. Box 278, Waunakee, WI 53597, 800-383-3276, ksfseds@chorus.net, www.kaltenbergseeds.com</b>					
Kaltenberg	KB332NRR	3.3	Y	2.5	PI88788
Kaltenberg	KB340NSTS	3.4	N	2.9	PI88788
Kaltenberg	KB373NRR	3.7	Y	2.5	PI88788
Kaltenberg	KB371N	3.7	N	2.0	PI88788
<b>Kruger Seed Company, 33938 160th Street, Box A, Dike, IA 50624, 800-772-2721, seed1of2@aol.com, www.krugerseed.com</b>					
Kruger	K-303 RR/SCN	3.0	Y	4.0	PI88788
Kruger	K-344 RR/SCN	3.4	Y	3.8	PI88788
Kruger	K-377 RR/SCN	3.7	Y	3.6	PI88788
Kruger	K-3777 SCN	3.7	N	4.1	PI88788
Kruger	K-388 RR/SCN	3.8	Y	4.4	PI88788
Kruger	K-401 RR/SCN	3.9	Y	4.2	PI88788
<b>Latham Seed Company, 131 180th St., Alexander, IA 50420, 641-692-3258, latham@lathamseeds.com, www.lathamseeds.com</b>					
Latham	EX-1138RRN	3.2	Y	2.8	PI88788
<b>Lewis Hybrids, 530 W. Maple Ave., Ursa, IL 62376, 217-964-2131, scott@lewishybrids.com, www.lewishybrids.com</b>					
Lewis	3268RR	3.2	Y	3.3	PI88788
Lewis	331	3.3	N	3.4	PI88788
Lewis	3393RR	3.3	Y	3.3	PI88788
Lewis	3442RR	3.4	Y	3.5	PI88788
Lewis	3555RR	3.5	Y	2.0	PI88788
Lewis	3596RR	3.6	Y	3.3	PI88788
Lewis	372	3.7	N	3.3	PI88788
Lewis	3677RR	3.7	Y	3.5	PI88788
Lewis	3715RR	3.7	Y	3.5	PI88788
Lewis	3814RR	3.8	Y	3.3	PI88788
Lewis	3876RR	3.8	Y	3.2	PI88788
Lewis	392	3.9	N	3.5	PI88788
Lewis	3944RR	3.9	Y	3.4	PI88788
<b>LG Seeds, 22827 Shissler Road, Elmwood, IL 61529, 309-742-2211, www.lgseeds.com</b>					
LG Seeds	C3000NSTS	3.0	N	3.0	PI88788
LG Seeds	C3322NRR	3.3	Y	Not Given	PI88788
LG Seeds	C3656NRR	3.6	Y	Not Given	PI88788
LG Seeds	C3883N	3.8	N	Not Given	PI88788
LG Seeds	C3944NRR	3.9	Y	Not Given	PI88788
<b>Mark Seed Company, 823 West 2nd St., P.O. Box 67, Perry, IA 50220, 800-383-6275, markseed@dwx.com, www.markseed.com</b>					
Mark Seed Co.	RR0031CTA	3.1	Y	2.7	Not Given
Mark Seed Co.	RR0231CTA	3.1	Y	2.5	Not Given
Mark Seed Co.	RR0132CTA	3.2	Y	2.0	Not Given
Mark Seed Co.	RR0033CTB	3.3	Y	2.0	Not Given
Mark Seed Co.	RR0133CTB	3.3	Y	2.0	Not Given
Mark Seed Co.	RR9933CTB	3.3	Y	2.0	Not Given
Mark Seed Co.	RR9934CTA	3.4	Y	2.5	Not Given

Brand	Variety	Relative Maturity	Roundup Ready® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
<b>Merschman Seeds, Inc., 103 Ave. D., West Point, IA 52656, 800-848-7333, merseeds@merschmanseeds.com, www.merschmanseeds.com</b>					
Merschman	Hoover VRR	3.4	Y	2.3	PI88788
Merschman	Truman RR	3.5	Y	2.6	PI88788
Merschman	Kennedy VIRR	3.8	Y	2.5	PI88788
Merschman	Roosevelt IIIRR	3.9	Y	3.5	PI88788
<b>MFA Incorporated, 201 RayYoung Drive, Columbia, MO 65201, 573-876-5363, banderson@mfa-inc.com, www.morsoy.com</b>					
MFA Morsoy	RT 3221N	3.2	Y	2.2	PI88788
MFA Morsoy	RT3549	3.5	Y	2.0	Not Given
MFA Morsoy	3709N	3.7	N	2.5	PI88788
MFA Morsoy	RT3660N	3.7	Y	2.5	PI88788
MFA Morsoy	RT3881N	3.8	Y	2.3	PI88788
MFA Morsoy	RT3601N	3.9	Y	2.0	PI88788
<b>Midwest Seed Genetics, P.O. Box 518, Carroll, IA 51401, 800-369-8218, wayne.hoener@channelbio.com, www.midwestseed.com</b>					
Midwest	GR3331	3.3	Y	2.9	PI88788
Midwest	GR3506	3.5	Y	3.0	PI88788
Midwest	GR3531	3.5	Y	2.3	PI88788
Midwest	GR3731	3.7	Y	3.5	PI88788
Midwest	GR3732	3.7	Y	3.6	PI88788
Midwest	GR3931	3.9	Y	3.9	PI88788
<b>Monier Seed and Service, 846 Yankee Lane, Sparland, IL 61565, 309-469-2511, monierseed@joysta.com</b>					
Monier	M322	3.2	N	2.7	PI88788
<b>Monsanto Company, 800 North Lindbergh Blvd., C3SD, St. Louis, MO 63167, 800-ROUNDUP, theodore.l.hammes@monsanto.com, www.monsanto.com</b>					
Monsanto Company	DKB31-52	3.1	Y	3.5	PI88788
Monsanto Company	AG3201	3.2	Y	2.5	PI88788
Monsanto Company	DKB32-51	3.2	Y	3.0	PI88788
Monsanto Company	A3469	3.4	N	3.5	PI88788
Monsanto Company	AG3401	3.4	Y	3.0	PI88788
Monsanto Company	DKB36-51	3.6	Y	3.5	PI88788
Monsanto Company	AG3701	3.7	Y	3.0	PI88788
Monsanto Company	AG3703	3.7	Y	3.5	PI88788
Monsanto Company	A3836	3.8	N	Not Given	PI88788
Monsanto Company	DKB38-52	3.8	Y	2.5	PI88788
Monsanto Company	AG3902	3.9	Y	2.5	PI88788
Monsanto Company	AG3903	3.9	Y	2.5	PI88788
<b>Munson Hybrids, 1262 Knot Rd 100 E, Galesburg, IL 61401, 309-343-8410, munshyhb@galesburg.net, www.munsonhybrids.com</b>					
Munson Hybrids	8339RR	3.3	Y	2.8	Not Given
Munson Hybrids	8367RR	3.6	Y	2.5	Not Given
<b>Mycogen Seeds, 9330 Zionsville Rd., Indianapolis, IN 46268, lwdallas@dow.com, www.mycogen.com</b>					
Atlas	5299NRR	3.0	Y	3.0	PI88788
Atlas	B335RR	3.3	Y	3.0	PI88788
Mycogen	5364N	3.6	N	2.0	PI88788
Atlas	5B381NRR	3.8	Y	3.0	PI88788
<b>NC+ Hybrids, 3820 North 56th, Lincoln, NE 68504, 402-467-2517, wzaart@nc-plus.c, www.nc-plus.com</b>					
NC+	3N31RR	3.3	Y	2.5	PI88788
<b>Ottillie RO Seed, 1462 Sanford Ave., Marshalltown, IA 50158, 641-753-5561</b>					
Ottillie	RO 8333 RRN	3.3	Y	2.8	PI88788
Ottillie	RO 8370 RR	3.7	Y	2.5	PI88788

Brand	Variety	Relative Maturity	Roundup Ready® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
<b>Patriot Seed, Inc., 208 S. Worrell, Box 97, Bowen, IL 62316, 800-643-1518, ron@patriotseed.com, www.patriotseed.com</b>					
Patriot Seed, Inc.	31F22	3.1	N	2.0	PI88788
Patriot Seed, Inc.	31X12	3.1	N	2.7	PI88788
Patriot Seed, Inc.	EX1833NRR	3.3	Y	2.7	PI88788
Patriot Seed, Inc.	34N12	3.4	N	2.0	Hartwig
Patriot Seed, Inc.	34X09	3.4	Y	2.1	PI88788
Patriot Seed, Inc.	35N03	3.5	N	2.0	PI88788
Patriot Seed, Inc.	36X17	3.6	Y	Not Given	Not Given
Patriot Seed, Inc.	37X11	3.7	Y	3.0	PI88788
Patriot Seed, Inc.	EX1637NRR	3.7	Y	3.6	PI88788
Patriot Seed, Inc.	38N10	3.8	N	3.0	Not Given
Patriot Seed, Inc.	394NRR	3.9	Y	2.9	PI88788
Patriot Seed, Inc.	39X18	3.9	Y	2.9	PI88788
Patriot Seed, Inc.	EX1839TX	3.9	Y	Not Given	PI88788
<b>Pioneer Hi-Bred International, Inc., 5700 Merle Hay Road, Johnston, IA 50131, 515-253-5800, ext. 5892, brentwilson@pioneer.com, www.pioneer.com</b>					
Pioneer Brand	93B15	3.1	N	4.0	Peking/PI88788
Pioneer Brand	93B26	3.2	Y	3.5	Peking/PI88788
Pioneer Brand	93B67	3.5	Y	3.5	Peking/PI88788
Pioneer Brand	93B85	3.8	Y	3.5	PI88788
Pioneer Brand	93B86	3.8	N	3.0	Peking/PI88788
<b>Prairie Brand Seed Co., 15 X Ave., Story City, IA 50248, 800-544-8751, mike@prairiebrandseed.com, www.prairiebrandseed.com</b>					
Prairie Brand	PB-3092NRR	3.0	Y	3.0	Hartwig
Prairie Brand	PB-3292NRR	3.2	Y	3.5	PI88788
Prairie Brand	PB-3592NRR	3.5	Y	3.0	PI88788
Prairie Brand	PB-3712NRR	3.7	Y	4.0	PI88788
Prairie Brand	PB-3720N	3.7	N	3.5	PI88788
Prairie Brand	PB-3921NRR	3.9	Y	4.0	PI88788
<b>Producers Hybrids, Inc., P.O. Box C, Battle Creek, NE 68715, 402-675-2975, markg@producershybrids.com, www.producershybrids.com</b>					
Producers Hybrids	381NRR	3.8	Y	2.5	PI88788
Producers Hybrids	390NRR	3.9	Y	2.5	PI88788
<b>Rainbow Seeds Inc., 1816 Hwy 163, Oskaloosa, IA 52577, 641-673-9471, Brent@rainbowseeds.com, www.Rainbowseeds.com</b>					
Rainbow	4321NRR	3.2	Y	2.9	PI88788
Rainbow	4325NRR	3.2	Y	2.8	PI88788
Rainbow	4327NRR	3.2	Y	2.7	PI88788
Rainbow	4361NRR	3.6	Y	3.0	PI88788
Rainbow	4399NRR	3.9	Y	2.6	PI88788
<b>Reeds Seeds, Inc., P.O. Box 230, Chillicothe, MO 64601, 660-646-0377, sales@reedseed.com, www.reedseed.com</b>					
Mo. Premium Variety	MPV-350	3.5	Y	Not Given	Not Given
"Reeds Seeds, Inc. "	355 SCN	3.8	N	Not Given	PI88788
Mo. Premium Variety	MPV-398	3.9	Y	Not Given	Not Given
<b>Renze Hybrids, Inc., 27410 Kittyhawk Ave., Carroll, IA 51401, 712-669-3301, timrenze@renzehybrids.com, www.renzehybrids.com</b>					
Renze	R3383Rcn	3.3	Y	2.7	PI88788
Renze	R3651cn	3.6	N	2.0	PI88788
Renze	R3992Rcn	3.9	Y	2.6	PI88788
<b>Royster-Clark, 717 Robinson Rd., Washington Court House, OH 43160, 740-335-3810, gcStClair@roysterclark.com, www.roysterclark.com</b>					
Vigoro	V32N3RR	3.2	Y	Not Given	PI88788
Vigoro	V330NRR	3.3	Y	Not Given	PI88788
Vigoro	V352NRR	3.5	Y	Not Given	PI88788
Vigoro	V363NRR	3.6	Y	Not Given	PI88788
<b>Sands of Iowa, 4765 Hwy 143, Marcus, IA 51035, soi@midlands.net, www.sandsofiowa.com</b>					
Sands of Iowa	3632NRR	3.6	Y	2.5	PI88788
<b>Schillinger Seed Company, 4200 Corporate Drive, Suite 106, West Des Moines, IA 50266, 515-225-1166, info@schillingerseed.com, www.schillingerseed.com</b>					
Schillinger Seed	300.RC	3.0	Y	2.5	PI88788

Brand	Variety	Relative Maturity	Roundup Ready® (Y or N)	Iron Chlorosis Tolerance (1 = best, 5 = worst)	Source of SCN Resistance
<b>Schlessman Seed Co., 11513 Milan Rd., Milan, OH 44846, 419-499-2572</b>					
Schlessman	SSC 320RR	3.2	Y	Not Given	PI88788
<b>Settlemyre Seed Co., 10288 Wilmington Rd., P.O. Box 158, Clarksville, OH 45113, 937-289-2131</b>					
Top Crop	TC 3602 NRR	3.6	Y	Not Given	PI88788
Top Crop	TC 3702 NRR	3.7	Y	Not Given	PI88788
Top Crop	TC 3803 NRR	3.8	Y	Not Given	PI88788
<b>Sieben Hybrids, Inc., 633 N. College Ave., Geneseo, IL 61254, 309-944-5131, sieben@netexpress.net, www.siebenhybrids.com</b>					
Sieben Hybrids	3000NRR	3.0	Y	3.0	Hartwig
Sieben Hybrids	3203NRR	3.2	Y	2.8	PI88788
<b>Stine Seed Company, 2225 Laredo Trail, Adel, IA 50003, 515-677-2605, info@stineseed.com, www.stineseed.com</b>					
Stine	S3402-4	3.4	Y	4.0	Not Given
Stine	S3632-4	3.7	Y	3.0	Not Given
Stine	S3842-4	3.8	Y	4.0	Not Given
<b>Stoner Seed Company, 14020 298th Ave., South English, IA 52335, 800-383-2089, ssf@netins.net</b>					
Stoner	3210NRR	3.2	Y	2.7	PI88788
<b>Sucrosco Seeds, 353 Main, Manilla, IA 51454, 712-654-2732, sucrosco@fmctc.com, www.sucrosco.com</b>					
Sucrosco	7319RN	3.1	Y	2.5	Not Given
Sucrosco	x72501RN	3.6	Y	2.5	Not Given
Sucrosco	7399RN	3.9	Y	2.5	Not Given
Sucrosco	x62744 N\STS	3.6	N	2.8	Not Given
<b>Sun Ag Inc., P.O. Box 227, El Paso, IL 61738, 309-527-6500</b>					
SAS	3222NR	3.2	Y	2.8	PI88788
<b>Thompson Seeds, Inc., 40321 130th Ave., Leland, IA 50453, 641-567-3350, thompson@thompsonseeds.com, www.thompsonseeds.com</b>					
Thompson	T-7322CR	3.2	Y	2.7	PI88788
<b>UAP Midwest - Dyna-Gro Seed, 104 Harrison, Emmetsburg, IA 50536, 712-852-2908, al.schmitz@UAP.com, www.dyna-gro-mw.com</b>					
Dyna-Gro	DG3306NRR	3.0	Y	2.2	PI88788
Dyna-Gro	X431NRR	3.2	Y	2.3	PI88788
<b>United Suppliers, Inc., 30473 260th St., P.O. Box 538, Eldora, IA 50627-0538, 877-714-4503, harolddavis@unitedsuppliers.com, www.unitedsuppliers.com</b>					
US Seeds	USS3303RR	3.3	Y	2.7	PI88788
US Seeds	USS3701RR	3.7	Y	3.5	PI88788
US Seeds	USS3703RR	3.7	Y	2.5	PI88788
US Seeds	USS371	3.7	N	Not Given	PI88788
US Seeds	USS3902RR	3.9	Y	3.0	PI88788
<b>University of Illinois, 1101 W. Peabody Dr., Urbana, IL 61801</b>					
IL. Ag Exp. Station	Pana	3.8	N	4.0	PI88788
<b>University of Missouri, Department of Agronomy, Columbia, MO 65211, 573-882-7320, www.psu.missouri.edu/agron</b>					
MO Ag. Exp. Station	4337	3.2	N	Not Given	Peking/PI88788
MO Ag. Exp. Station	Maverick	3.8	N	Not Given	PI88788
MO Ag. Exp. Station	Saline	3.9	N	Not Given	PI88788
<b>Wilson Seeds Inc., 1408 A. Hwy 44, Harlan, IA 51537, 800-747-1200, rpeters@wilsonseeds.com, www.wilsonseeds.com</b>					
Wilson	3348RR	3.3	Y	2.9	PI88788
Wilson	3700	3.7	Y	2.2	PI88788
Wilson	3780/RR/SCN	3.7	Y	3.5	PI88788
Wilson	3790 RR	3.7	Y	3.6	PI88788
Wilson	3960RR	3.9	Y	3.9	PI88788

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