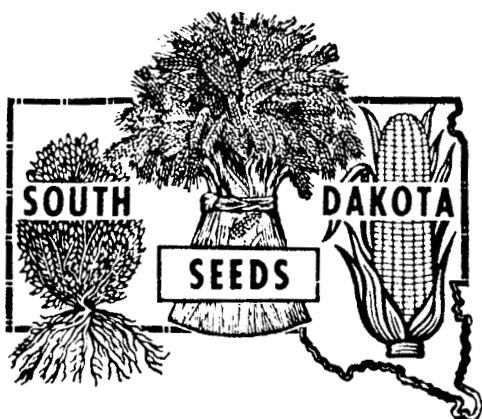


South Dakota Certified Seed

GROWER DIRECTORY

FALL 2023 / SPRING 2024



***CERTIFICATION SERVICE
SOUTH DAKOTA
CROP IMPROVEMENT
ASSOCIATION***

Member of . . .

*Association of Official Seed
Certifying Agencies*

Cooperating with . . .

South Dakota State University

Operating under . . .

*Authority of the South Dakota
State Seed Certification Board*

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THE PURPOSE OF SEED CERTIFICATION

The purpose of Seed Certification is to maintain and make available to the public sources of high quality seeds and propagating materials of superior varieties so grown and distributed as to insure genetic identity.

Varieties eligible for certification have resulted either from natural selection or through systematic plant breeding techniques. In either case, without a planned method for maintaining genetic purity, there is grave danger of losing varietal identity.

Varietal purity is the first consideration in Seed Certification, but other factors such as weeds, diseases, viability, mechanical purity and grading are also important.

Seed Certification is designed to maintain not only the genetic purity of superior crop varieties but also reasonable standards of seed condition and quality.

Classes of Certified Seed

Foundation seed is the progeny of Breeder or Foundation Seed Stocks produced under control of the originator or sponsoring plant breeding institution, or person, or designee thereof. As applied to certified seed, Foundation seed is a class of certified seed which is produced under procedures established by the certifying agency for the purpose of maintaining genetic purity and identity.

Registered seed is the progeny of Breeder or Foundation seed handled according to procedures prescribed by the certifying agency so as to maintain satisfactory genetic purity and identity.

Registered Non-Salable seed is seed that was produced from foundation seed. It may be sold as certified seed. Registered non-salable seed may be used as the seed stock for certified seed production by the original seed grower.

Certified seed is the progeny of Breeder, Foundation, or Registered seed so handled as to maintain satisfactory genetic purity and identity and which has been approved by the certifying agency.

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PLEASE NOTE

The following list of seed growers includes only those whose fields are planted with Foundation or Registered seed and who have made application for certification and have passed all inspections to date.

Certification can be completed only after the seed from these approved fields has passed all certification tests and standards. **FINAL CERTIFICATION** will depend on a satisfactory laboratory analysis of the conditioned (cleaned) seed lot.

The growers listed will, therefore, only accept tentative orders that will be filled if seed is finally certified, which in fact will be designated by the certification tag or bulk transfer certificate. Seed offered for sale without this documentation **CANNOT** be considered Certified Seed.

The South Dakota Crop Improvement Association and Seed Certification Service are not marketing organizations; hence, inquiries for seed should be made directly to the growers listed.

Neither the South Dakota Crop Improvement Association nor the Certification Service assumes any financial responsibility regarding seed listed, although every attempt has been made to insure high quality seed which conforms to the certification standards.

Please report any irregularities.

Pre-Variety Germplasm Certification for Native Grasses and Forbs

This type of certification is available for seeds and other propagating materials of germplasm types that have not been released as varieties.

Protocols include: Site identification; field inspection; and seed sampling and testing.

Three different germplasm types or levels are possible based on the amount of genetic study on the germplasm ascension that has taken place; each type may be marketed as wildland collected seed (Generation 0) or as Generation 1 or later seed from field production:

Source Identified (yellow tag): only the species and original germplasm collection site is known..

Selected (green tag): shows promise of superior and/or identifiable traits as contrasted with other germplasm ascensions, ecotypes, or variety/cultivars of the same species when compared to a common site..

Tested (blue tag): requires progeny testing to prove that superior and/or identifiable traits of interest are heritable in succeeding generations.

SPECIES OF NATIVE GRASSES AND FORBS IN PROGRAM

Common Name/Scientific Name	Producer
Little Bluestem/ <i>Schizachyrium scoparium</i>	Jerry Roitsch, Bristol 605-492-3330

Quality Assurance Program



South Dakota Crop Improvement Association's (SDCIA) Quality Assurance (QA) program provides a uniform, unbiased quality control system and marketing tool for crop seeds merchandised as varieties, hybrids, brands or blends. While it is designed as a complete quality control system for seed not eligible for certification, its guidelines are very similar to those of the certification program. It is easily customized to meet the needs of the individual seed producer. The QA Program provides significant value for companies and producers who need to adhere to sound quality control programs or meet license agreement protocols in today's era of high value technology and specific genetic traits associated with today's seed products.

The following companies/individuals have produced seed under the SDCIA Quality Assurance Program.

Ag Performance, Inc., Buffalo Center, IA	641-562-2370
Barber, Ken, Onida, SD	605-258-2708
Hand Brothers Partnership, Midland, SD	605-567-3397

CERTIFIED SEED

Professionally grown **Certified Seed** typically produces higher yields than farmer-saved seed, which means higher net returns for the producer. Purchasing **New Certified Seed** each year will ensure that the producer is getting the highest quality seed available. In addition to being field inspected, conditioned by approved professionals, and laboratory tested, the **Certified Seed Label** is proof that the seed has met all of the standards set forth by the South Dakota Crop Improvement Association.



ORDER YOUR NEW CERTIFIED SEED TODAY!

CROP VARIETY DESCRIPTIONS HRS Wheat Variety Characteristics - 2023-2024

Variety	Origin	Year Release	Height Classification	Plant Height (in)	Straw Strength	Beards	Rel. Maturity (days)	Protein	FHB	Rust Reaction*			PVP**
										Stripe	Leaf	Stem	
Ambush	SYN	'16	Semi-Dwarf	30"	-	Yes	-	-	MS	-	MR	R	None
AP Gunsmoke CL2	SYN	'21	Semi-Dwarf	29"	Good	Yes	5	Medium	MR	--	MR	MR	PVP-94 Title V
AP Murdock	SYN	'21	Semi-Dwarf	29"	Good	Yes	3	Medium-Low	M	--	MR	MR	PVP-94 Title V
AP Revolution	SYN	'22	Semi-Dwarf		Good	Yes	4	Medium	M	--	MR	R	PVP-94 Title V
Ascend-SD	SD	'21	Medium	30"	Good	Yes	5	Medium	MR	--	MR	MR	PVP-94 Title V
Brawn-SD	SD	'22	Medium	28"	Good	Yes	4	Medium	MR	--	MR	MR	PVP*
Cannon	LCS	'19	Semi-Dwarf	29"	Good	Yes	3	Medium	MR	MR	MS	MR	PVP-94
Driver	SD	'19	Medium	30"	Good	Yes	4	Medium	MR	--	MR	R	PVP-94 Title V
LCS Hammer AX	LCS	'22	Medium	29"	Good	Yes	-	Medium	MR	MR	MR	R	PVP-94

LCS Trigger	LCS	'15	Semi-Dwarf	30"	Good	Yes	7	Medium-Low	MR	MS	MR	R	PVP-94
Surpass	SD	'16	Semi-Dwarf	31"	Good	Yes	2	Medium	MR	S	MR	--	PVP-94 Title V
SY Valda	SYN	'15	Semi-Dwarf	27"	Good	Yes	5	Medium	MR	S	MR	R	PVP-94 Title V
WB9606	WB		Medium	30"	Good	Yes	5	Medium	MR	MS	MR	MR	PVP-94
WB9719	WB	'18	Semi-Dwarf	30"	Good	Yes	6	Medium	MR	S	MR	R	PVP-94

*S = Susceptible, MS = Moderately Susceptible, MR = Moderately Resistant, R = Resistant, M = Intermediate

PVP**- PVP Title V- Certification Option - to be sold by variety name only as a class of Certified Seed. PVP-94 without Title V, PVP*- application pending/ anticipated.

***Relative Maturity. Brick is the check variety. Positive number indicates days later than Brick.

SYN: Syngenta Seeds/AgriPro, LCS: Limagrain Cereal Seeds, WB: WestBred, LLC

HRW Wheat Variety Characteristics - 2023-2024

Variety	Origin	Year Rel	Rust Reaction*		Wheat Streak	Rel Heading 0-7	Straw Strength	Rel Height	Winter Hardness	End-use Quality	Chaff Color
			Leaf	Stem							
AP 18AX	AP	18	MR	X	MR	MS	Excellent	Short 28"	Good	Acceptable	White
Draper	SD	19	MR	MS	MR	X	Excellent	Short 28"	Good-Excellent	Good	White
Expedition	SD	02	MS	R	S	S	Fair	Short 29"	Good-Excellent	Good	White
Ideal	SD	11	MR	MR	S	S	Excellent	Short 29"	Good	Acceptable	White
LCS Chrome	WB	16	S	S	R	S	Good	Short 29"	Excellent	Good	White
LCS Photon AX	LCS	18	MR	S	MR	MS	Good	Medium 31"	Good	Acceptable	White
Lyman	SD	8	ms	R	S	S	Fair	Medium 31"	Good	Acceptable	White
Oahe	SD	16	MS	MS	MR	MR	Good	Medium 31"	Good	Acceptable	White
Overland	NE/SD	07	MR	MR	S	MS	Good	Medium 30"	Excellent	Acceptable	White
Redfield	SD	13	MS	MR	MS	S	Excellent	Short 28"	Good-Excellent	Good	Brown
SD Andes	SD	20	X	MS	MR	X	Excellent	Short 29"	Excellent	Acceptable	Brown
SD Midland	SD	21	MS	MS	R	X	Excellent	Medium 31"	Excellent	Good	Brown

SY517CL2	SYN/AP	17	MR	R	MS	S	Good	Short 26"	Good	Acceptable	White
SY Monument	SYN/AP	14	MR	R	MR	MS	Good	Short 27"	Good-Excellent	Acceptable	White
SY Wolf	SYN/AP	11	R	MR	S	MR	Excellent	Short 28"	Good-Excellent	Acceptable	White
SY Wolverine	SYN/AP	19	MS	MR	MS	MS	Excellent	Short 27"	Good-Excellent	Acceptable	White
Thompson	SD	17	MR	MS	MS	MS	Fair	Medium 31"	Good	Acceptable	White
WB4418	WB	17	R	MR	MS	MR	Good	Short 26"	Good	Good	White
WB4462	WB	16	MR	X	S	S	Good	Medium 30"	Good	Good	White
WB Grainfield	WB	12	MR	MR	MS	MR	Good	Short 28"	Good	Good	White
Winner	SD	19	MR	MR	MR	X	Excellent	Short 29"	Good-Excellent	Good	White

*S = Susceptable MS = Moderately Susceptable MR = Moderately Resistant R = Resistant

** PVP = PVP Title V to be sold by variety name only as a class of certified seed. PVP-94 without Title V must be sold by Variety name.
PVP* = application pending/anticipated

Oat Variety Characteristics - 2023-2024

Variety	Origin	Year Rel	Grain Color	Test Weight	Rel Maturity (days)**	Height	Straw Strength	Protein	Red Leaf	Disease reaction*			PVP**
										Smut	Stem Rust	Crown Rust	
Colt	SD	'09	White	Good	0	Medium	Fair	Medium High	MS	R	MS	S	PVP-94 Title V
Deon	MIN	'13	Yellow	Good	9	Tall	Good	Medium High	MS	R	MS	MR	PVP-94 Title V
Goliath	SD	'12	White	Good	9	Tall	Good	Medium High	MR	MR	MS	S	PVP-94 Title V
Hayden	SD	'14	White	Good	7	Tall	Good	Medium	MR	R	MS	S	PVP-94 Title V
Jerry	ND	'94	White	Good	4	Medium	Good	Medium High	MR	S	MS	S	No

Natty	SD	'14	White	Good	2	Tall	V Good	Medium-High	MR	MR	MS	S	PVP-94 Title V
Rushmore	SD	'19	White	Good	6	Medium	V Good	Medium High	MS	R	MS	S	PVP-94 Title V
SD Buffalo	SD	'21	White	Good	6	Medium	V Good	Medium High	MR	R	MS	S	PVP*
Shelby 427	SD	'09	White	Good	2	Medium Tall	V Good	Medium High	MR	R	MS	S	PVP-94 Title V
Warrior	SD	'19	White	Good	5	Medium	V Good	Medium High	MS	R	MS	S	PVP-94 Title V

*S = Susceptible, MS = Moderately Susceptible, MR = Moderately Resistant, R = Resistant
PVP**- PVP Title V- Certification Option - to be sold by variety name only as a class of Certified Seed. PVP-94 without Title V, PVP*- application pending/ anticipated.
***Relative Maturity. Colt is the check variety. Positive number indicates days later than Colt.

AP REVOLUTION – AP Revolution is a hard red spring wheat bred and developed by Syngenta Seeds, Inc. - AgriPro of Berthoud, Colorado and released in 2022. The variety was tested as NP12100509-3. It is a semi-dwarf variety. AP Revolution has a juvenile growth habit that is semi-erect. Plant color at boot stage is green. Flag leaf at boot stage is erect, twisted and waxed. Head shape is tapering, with lax density and erect curvature. The certified classes of seed shall be Foundation, Registered and Certified. Application to the Plant Variety Protection office with the Title V certification option is anticipated for AP Revolution.

County	Grower, Town	Telephone	F	R	C
Roberts	Koepe Seeds, Claire City	605-652-4529.....		X	
Stanley	Sioux Nation, LLC, Ft. Pierre	605-223-2427..			X
Sully	Wittler Seed Farm, Agar	605-280-0152.....			X

ASCEND-SD – Ascend-SD hard red spring wheat was developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2021. The variety was tested as SD4873 and was developed from the cross of Lang-MN/SD4389. Ascend-SD is a tall semi-dwarf variety, approximately 1” taller than Prevail and has excellent lodging resistance. Ascend-SD has medium-late maturity, one day later than Driver. Ascend-SD has adequate milling and baking characteristics, with average test weight and above average protein content. Application to the Plant Variety Protection office has been made with the Title V certification option. A royalty fee will be collected on all sales of Registered and Certified classes for seed purposes.

County	Grower, Town	Telephone	F	R	C
Brookings	Foundation Seed Stocks, Brookings	605-688-5418.....	32		
Brown	Abeln Farm, Inc., Groton	605-397-2452.....			51
Brown	Locken Farms, Bath	605-380-2264.....			334
Codington	LaBolt Farmers Grain, Waverly	605-882-4095.....			160
Codington	Thyen Farms, Watertown	605-520-8159.....	22	338	
Corson	Howe Seeds Inc., McLaughlin	605-823-4892.....			688
Day	Hansmeier & Son, Bristol	605-492-3611.....			75
Day	Kuecker Kountry Farms, Webster	605-345-4601.....	12	139	
Day	Kuecker Seed Farm, Webster	605-345-3169.....			508
Deuel	Brandt Farms Inc., Clear Lake	605-520-0442.....			131
Deuel	K & K Farms Inc., Clear Lake	605-874-2322..		32	
Dewey	Biegler, Alan, Timber Lake	605-865-3231.....		40	120
Haakon	Van Tassel, Ryan, Midland	605-441-5377.....		131	
Jerauld	MPM Certified Seed, Wess Springs	605-770-6537.....		767	
McPherson	Schauer, Jim, Leola	605-439-3179.....		25	
Pennington	Bielmaier Farms, Wall	605-279-2841.....		49	
Potter	Cronin Farms, Gettysburg	605-769-9898.....		23	
Potter	Lake, John & Austin, Gettysburg	605-765-9547.....			245
Potter	REH Farms Inc., Gettysburg	605-765-9552...		26	144
Roberts	Koepe Seeds, Claire City	605-652-4529.....		35	
Spink	Nutrien Ag Solutions, Northville	605-887-3422.....			102
Spink	Rahm Seed Cleaning, Turton	605-897-6623..			260

Tripp	Jorgensen Land & Cattle, Ideal	605-842-3217.....	29	256	
Walworth	Fiedler Farms Inc., Selby	605-649-6280.....			150
Walworth	Jfrey Inc., Mobridge	605-848-1486.....			160

BRAWN-SD is a hard red spring wheat (HRSW) cultivar released in 2022 by the South Dakota Agricultural Experiment Station. The variety was tested as SD4843 and was derived from the cross SD4507/SD4416. Brawn-SD is a full-height variety, though it is generally 2 inches shorter than ‘Ascend-SD’ and possesses good straw strength. Brawn-SD is a medium-maturing variety, one day earlier than Ascend-SD, and similar to ‘SY-Valda’. It is moderately resistant to Fusarium head blight, Bacterial Leaf Streak, Leaf rust, and Stem rust. Test weight of Brawn-SD is higher than average and protein concentration is lower than average, however, its milling and baking characteristics are acceptable. Application for Plant Variety Protection with the Title V certification option is anticipated. A royalty fee will be collected on all sales of Registered and Certified classes for seed purposes.

County	Grower, Town	Telephone	F	R	C
Brookings	Foundation Seed Stocks, Brookings	605-688-5418.....	43		
Codington	Thyen Farms, Watertown	605-520-8159.....		17	
Corson	Howe Seeds Inc., McLaughlin	605-823-4892.....			277
Day	Hansmeier & Son, Bristol	605-492-3611.....			528
Day	Kuecker Kountry Farms, Webster	605-345-4601.....			11
Day	Kuecker Seed Farm, Webster	605-345-3169.....			125
Pennington	Bielmaier Farms, Wall	605-279-2841.....			40
Potter	REH Farms Inc., Gettysburg	605-765-9552...			28
Spink	Rahm Seed Cleaning, Turton	605-897-6623..			60
Sully	Wittler Seed Farm, Agar	605-280-0152.....			72
Walworth	Fiedler Farms Inc., Selby	605-649-6280.....			78
Walworth	Jfrey Inc., Mobridge	605-848-1486.....			100

CANNON – Cannon hard red spring wheat was developed by and released by Limagrain Cereal Seeds in 2018. The variety was tested as LNR14-1832. Cannon is an awned variety, with early maturity, similar to Brick. It is a short, semi-dwarf variety, similar to SY Valda. The flag leaf at boot stage is erect, twisted with waxy bloom. The lax, tapering head is erect and white in color at maturity. Cannon has good protein and excellent test weight. The variety has acceptable bread making quality. The certified classes of seed shall be Foundation, Registered and Certified. Cannon is protected under the Plant Variety Protection Act.

County	Grower, Town	Telephone	F	R	C
Pennington	Eisenbraun, Tyrel, Wall	605-685-3686.....			X
Spink	Klebsch, Jim, Redfield	605-460-1133.....			X
Walworth	Fiedler Farms Inc., Selby	605-649-6280.....			X

DRIVER – Driver hard red spring wheat was developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2019. The variety was tested as SD4625 and was developed from the cross of MN06075-4/SD4165. Driver is a semi-dwarf variety, approximately 1” taller than Prevail. Driver has medium-late maturity, two days later than Prevail. Driver is moderately resistant to Fusarium head blight and bacterial leaf streak. Driver has adequate milling and baking characteristics, with good test weight and protein. Driver is protected under

the Plant Variety Protection act with the Title V certification option. A royalty fee will be collected on all sales of Registered and Certified classes for seed purposes.

County	Grower, Town	Telephone	F	R	C
Campbell	Weisbeck & Sons, Herreid	605-437-2963.....			101
Codington	Thyen Farms, Watertown	605-520-8159.....		19	144
Corson	Howe Seeds Inc., McLaughlin	605-823-4892			624
Deuel	Brandt Farms Inc., Clear Lake	605-520-0442			131
Dewey	Biegler, Alan, Timber Lake	605-865-3231.....			160
Potter	Lake, John & Austin, Gettysburg	605-765-9547.....			265
Potter	REH Farms Inc., Gettysburg	605-765-9552...	33		114
Roberts	Koeppe Seeds, Claire City	605-652-4529.....		35	
Tripp	Jorgensen Land & Cattle, Ideal	605-842-3217.....		27	140

LCS HAMMER AX – LCS Hammer AX is a hard red spring wheat bred and developed by Limagrain Cereal Seeds. The variety was released to seed producers in 2022. LCS Hammer AX has tolerance to the herbicide quizalofop, allowing for control of winter annual grasses including feral rye. LCS Hammer AX has early maturity. It has medium plant height. LCS Hammer AX has good test weight and average milling and bread making quality. The variety has intermediate resistance to Fusarium head Blight, leaf rust and stem rust, according to company data. Application for Plant Variety Protection with the certification option is anticipated for LCS Hammer AX.

County	Grower, Town	Telephone	F	R	C
Stanley	Sioux Nation, LLC, Ft. Pierre	605-223-2427..			X

LCS TRIGGER – LCS Trigger is a hard red spring wheat developed by Limagrain Cereal Seeds. The variety was tested as LNR-10200 and released in 2016. It is an awned variety, with late maturity. It is a tall variety. The flag leaf at boot stage is erect, twisted, wax absent. The mid-dense, oblong head is erect and white/amber in color at maturity. LCS Trigger is resistant to stem and leaf rust. The variety is moderately susceptible to stripe rust and scab. The certified classes of seed shall be Foundation, Registered and Certified. LCS Trigger is protected under the Plant Variety Protection Act.

County	Grower, Town	Telephone	F	R	C
Brown	Abeln Farm, Inc., Groton	605-397-2452.....			X
Pennington	Eisenbraun, Tyrel, Wall	605-685-3686.....			X
Stanley	Sioux Nation, LLC, Ft. Pierre	605-223-2427..			X
Sully	Barber, Ken, Onida	605-258-2708.....		X	X
Walworth	Fiedler Farms Inc., Selby	605-649-6280.....			X

MN-TORGY- MN-Torgy hard red spring wheat was developed and released by the University of Minnesota in 2020. The variety, tested as MN14105-7, is a medium maturing, semi-dwarf. The heading date of MN-Torgy is similar to MN-Washburn and Prosper. It is about an inch shorter than Bolles with similar straw strength. The head is tapering, mid-dense and inclined. Glume shoulders are rounded and wide. The head is awned and white at maturity. The seed shape is ovate, with angular cheeks and medium brush length. MN-Torgy has good test weight and excellent protein. The variety is moderately resistant to scab and bacterial leaf streak. It is moderately resistant to prevalent races of

leaf rust. MN-Torgy has good baking quality. Released by the Minnesota Agricultural Experiment Station, a research fee will be assessed on seed sold. MN-Torgy has Plant Variety Protection with the certification option.

County	Grower, Town	Telephone	F	R	C
Campbell	Weisbeck & Sons, Herreid	605-437-2963.....			141
Codington	Thyen Farms, Watertown	605-520-8159.....		17	89
Corson	Howe Seeds Inc., McLaughlin	605-823-4892			296
Day	J & J Horter Farm Partnership, Andover	605-216-4852.....			230
Deuel	K & K Farms Inc., Clear Lake	605-874-2322..	40		300
Edmunds	Eisenbeisz Farms, Bowdle	605-285-6738.....		37	860
Potter	Lake, John & Austin, Gettysburg	605-765-9547.....			180
Potter	REH Farms Inc., Gettysburg	605-765-9552...			173
Spink	Rahm Seed Cleaning, Turton	605-897-6623..			94
Walworth	Fiedler Farms Inc., Selby	605-649-6280.....		78	294
Walworth	Jfrey Inc., Mobridge	605-848-1486.....			344

PREVAIL – Prevail hard red spring wheat was developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2013. The variety was tested as SD4178 and was developed from the population SD3720/MN98389-A. Prevail is a semi-dwarf variety, similar in height to Advance. Prevail is an early maturing variety, similar to Advance, and two days earlier than Forefront. The variety is moderately resistant to stem rust, stripe rust and Fusarium head blight. Prevail is moderately susceptible to leaf rust. Prevail has adequate milling and baking characteristics, with good test weight and average protein. Prevail is protected under the Plant Variety Protection Act with the Title V certification option. A royalty fee will be collected on all sales of Registered and Certified classes for seed purposes.

County	Grower, Town	Telephone	F	R	C
Spink	Rahm Seed Cleaning, Turton	605-897-6623..			120

SURPASS – Surpass hard red spring wheat was developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2016. The variety was tested as SD4383 and was derived from the cross SD4011/3942. Surpass is a semi-dwarf variety, slightly shorter than Prevail. Surpass has similar straw strength when compared to Focus. Surpass is an early maturing variety, one day earlier than Prevail, and similar to Forefront. The variety is moderately resistant to Bacterial Leaf Streak. Surpass is moderately resistant to Fusarium head blight. It is moderately susceptible to leaf rust and susceptible to stripe rust. Surpass has adequate milling and baking characteristics, with average protein. Test weight is similar to Prevail. Surpass is protected under the Plant Variety Protection Act with the Title V certification option. A royalty fee will be collected on all sales of Registered and Certified classes for seed purposes.

County	Grower, Town	Telephone	F	R	C
Edmunds	Eisenbeisz Farms, Bowdle	605-285-6738.....		40	461
Spink	Rahm Seed Cleaning, Turton	605-897-6623..			145
Walworth	Giese, Gerhard, Selby	605-649-7832.....			142
Walworth	Jfrey Inc., Mobridge	605-848-1486.....			210

SY VALDA – SY Valda is a hard red spring wheat bred and developed by Syngenta Seeds, Inc. - AgriPro of Berthoud, Colorado and released in 2015. The variety was tested as 06S0385-5. It is a standard semi-dwarf variety. SY Valda is moderately resistant to scab. It is resistant to leaf rust and stem rust. SY Valda is susceptible to stripe rust. The variety has a juvenile growth habit that is erect. Plant color at boot stage is green. Flag leaf at boot stage is recurved, twisted and wax absent. Head shape is tapering, with lax density and inclined curvature. The certified classes of seed shall be Foundation, Registered and Certified. SY Valda is protected under the Plant Variety Protection Act with the Title V certification option.

County	Grower, Town	Telephone	F	R	C
Day	Kuecker Seed Farm, Webster	605-345-3169			X
Roberts	Koeppel Seeds, Claire City	605-652-4529.....		X	
Spink	Nutrien Ag Solutions, Northville	605-887-3422.....			X
Stanley	Sioux Nation, LLC, Ft. Pierre	605-223-2427..		X	X
Sully	Wittler Seed Farm, Agar	605-280-0152.....		X	
Walworth	Stiegelmeier Farms, Selby	605-845-6034.....			X

WB9606 – WB9606 is a hard red spring wheat, bred and developed by Bayer Crop Science in 2021. The variety was tested as XC9205. WB9606 is an early maturing variety. WB9606 is an awned, semi-dwarf variety with lax, inclined, tapered shaped spikes. The glumes are white/amber in color at maturity. The certified classes of seed shall be Foundation, Registered and Certified. Application for Plant Variety Protection has been made for WB9606.

County	Grower, Town	Telephone	F	R	C
Walworth	Stiegelmeier Farms, Selby	605-845-6034.....	X		X

WB9719 – WB9719 is a hard red spring wheat, bred and developed by Monsanto Technology, LLC in 2017. It will be marketed in the Northern Plains region of the U.S. as a WestBred branded variety. The variety was tested as F9N12-0153. WB9719 is a medium maturing variety. WB9719 is an awned, semi-dwarf variety with lax, inclined, tapered shaped spikes. The glumes are white/amber in color at maturity. WB9719 is susceptible to stripe rust, moderately resistant to leaf rust and moderately susceptible to scab. The certified classes of seed shall be Foundation, Registered and Certified. WB9719 is protected under the Plant Variety Protection Act.

County	Grower, Town	Telephone	F	R	C
Spink	Klebsch, Jim, Redfield	605-460-1133.....			X
Walworth	Stiegelmeier Farms, Selby	605-845-6034.....	X		X

HRW WHEAT

AP CLAIR – AP Clair is a hard red winter wheat bred and developed by Syngenta Crop Protection AG and released in 2020. The variety was tested as 122016W. It is a standard semi-dwarf variety. AP Clair has a juvenile growth habit that is erect. Plant color at boot stage is green. Flag leaf at boot stage is erected, twisted and wax absent. Head shape is oblong, with mid-dense density and erect curvature. The certified classes of seed shall be Foundation, Registered and Certified. AP

Clair is protected under the Plant Variety Protection Act with the Title V certification option.

County	Grower, Town	Telephone	F	R	C
Pennington	Yardley & Co, Inc., Quinn	605-386-2375.....			X
Stanley	Sioux Nation, LLC, Ft. Pierre	605-223-2427..	X		X
Sully	Wittler Seed Farm, Agar	605-280-0152.....			X

AP BALDY – AP Baldy is a hard red winter wheat bred and developed by Syngenta Crop Protection AG and released in 2022. The variety was tested as CP14066-980-4. It is a awnless semi-dwarf variety. AP Baldy has a juvenile growth habit that is prostrate. Plant color at boot stage is blue-green. Flag leaf at boot stage is erect, twisted and waxed. Head shape is tapering, with mid-dense spike density and erect curvature. The certified classes of seed shall be Foundation, Registered and Certified. AP Baldy is protected under the Plant Variety Protection Act.

County	Grower, Town	Telephone	F	R	C
Stanley	Sioux Nation, LLC, Ft. Pierre	605-223-2427..	X		

AP BIGFOOT – AP Bigfoot is a hard red winter wheat bred and developed by Syngenta Crop Protection AG and released in 2020. The variety was tested as 10BC329-17-5. It is a standard semi-dwarf variety. AP Bigfoot has a juvenile growth habit that is semi-erect. Plant color at boot stage is green. Flag leaf at boot stage is erect, twisted and waxed. Head shape is tapering, with dense spike density and inclined curvature. The certified classes of seed shall be Foundation, Registered and Certified. AP Bigfoot is protected under the Plant Variety Protection Act with the Title V certification option.

County	Grower, Town	Telephone	F	R	C
Lyman	Herman Agri Inc., Presho	605-869-2304.....			X
Pennington	Yardley & Co, Inc., Quinn	605-386-2375.....			X
Stanley	Sioux Nation, LLC, Ft. Pierre	605-223-2427..		X	
Sully	Wittler Seed Farm, Agar	605-280-0152.....		X	X

AP18 AX – AP18 AX is a hard red winter wheat bred and developed by Colorado State University and released in 2019. AP18 AX was tested as CO14A136. The variety resulted from the cross AF10/2*Byrd//AF26/Byrd made in 2012. Ownership of AP18 AX has been transferred from CSU to the Colorado Wheat Research Foundation. AP18 AX has tolerance to the herbicide quizalofop, allowing for control of winter annual grasses including feral rye. AP18 AX is a semi dwarf variety that has white chaff at maturity. AP18 AX has early maturity and excellent straw strength. Juvenile growth habit is semi-erect. Leaf color at boot stage is green. Flag leaf at boot stage is waxy, erect and not twisted. Anther color is yellow. Head shape is tapering, mid-dense and awned. Glume pubescence is absent. Shoulders are rounded and the beak shape is acuminate. Seed shape is ovate. Seed cheeks are rounded. AP18 AX is moderately resistant to leaf rust and is susceptible to stripe rust. Certified classes observed are Foundation, Registered and Certified. AP18 AX is protected under the Plant Variety Protection act with the Certification option.

County	Grower, Town	Telephone	F	R	C
Stanley	Sioux Nation, LLC, Ft. Pierre	605-223-2427..			X
Sully	Wittler Seed Farm, Agar	605-280-0152.....		X	X

CRESCENT AX – Crescent AX is a hard red winter wheat developed by Colorado AES and released to seed producers in 2019. The variety was tested as CO14A050. Crescent AX has tolerance to the herbicide quizalofop, allowing for control of winter annual grasses including feral rye. Crescent AX has medium early maturity with white chaff color. It is a medium height semidwarf. Juvenile growth habit is semi-erect. Leaf color at boot stage is green. Flag leaf at boot stage is erect, not twisted and has wax present. Anther color is yellow. Head shape is tapering, mid dense and inclined. Glume pubescence is absent. Shoulders are rounded and the beak shape is acuminate. Seed shape is ovate. Seed cheeks are rounded. Crescent AX has good test weight and acceptable milling and bread making quality. Crescent AX is protected under the Plant Variety Protection act with the Title V certification option.

County	Grower, Town	Telephone	F	R	C
Stanley	Sioux Nation, LLC, Ft. Pierre	605-223-2427..			X

DRAPER - Draper hard red winter wheat was developed by the South Dakota Agricultural Experiment Station (SD AES) and released in 2019 to seed producers by the developing institution. The line was tested as SD14113-3 and was developed from the cross T154/SD06069. Draper is white chaffed, awned, semi-dwarf wheat, similar in height compared to Lyman. Draper is a medium maturing type, similar to Overland. The variety has good winter hardiness and straw strength. Draper is moderately resistant to leaf and stripe rust, moderately resistant to Fusarium head blight, and is susceptible to stem rust. Draper is resistant to soilborne mosaic virus. Draper has average protein and test weight. The variety has good to very good milling and baking quality. Draper is protected under the Plant Variety Protection act with the Title V certification option. A royalty fee will be collected on all sales of Registered and Certified classes for seed purposes.

County	Grower, Town	Telephone	F	R	C
Haakon	Golden Willow Seeds Inc., Midland	605-843-2187.....		31	222

IDEAL - Ideal hard red winter wheat was developed by the South Dakota Agricultural Experiment Station (SD AES) and released in 2011 to seed producers by the developing institution. The line was tested as SD05118-1 and has the pedigree Wesley/NE93613. Ideal is white chaffed, awned, semi-dwarf wheat about 2 to 3 inches taller than Wesley. Ideal is a mid-maturity type, with maturity being about 2 days later than Wesley. Winter hardiness and resistance to lodging are also similar to Wesley. Ideal is moderately resistant to stem rust, leaf rust and tan spot. The variety is susceptible to stripe rust, BYDV and WSMV. Ideal exhibits excellent tolerance to acid soils and partial resistance to Hessian fly. Ideal has acceptable milling and good baking properties. Ideal is protected under the U.S. Plant Variety Protection Act with Title V certification option. A royalty fee will be collected on all sales of Registered and Certified classes for seed purposes.

County	Grower, Town	Telephone	F	R	C
Haakon	Golden Willow Seeds Inc., Midland	605-843-2187.....			258
Tripp	Elevate Agronomics, Inc, Winner	605-840-0373.....			78
Tripp	Jorgensen Land & Cattle, Ideal	605-842-3217.....			124

KIVARI AX - Kivari AX was released by Colorado State University (CSU) in 2020 and is marketed by the Colorado Wheat Research Foundation under the PlainsGold™ brand. It is an awned, white-chaffed, medium-height, and medium-early maturing wheat with fair straw strength, very good baking quality, and good test weight. The pedigree of Kivari AX is (AF28/Byrd)// (AF10/2*Byrd), and thus is approximately 66% Byrd by parentage. Kivari AX carries two genes for tolerance to Aggressor® herbicide, which has shown excellent selective control of cheatgrass, downy brome, feral rye, and jointed goatgrass with fall or spring herbicide application at labelled rates by weed species. Growers should note that Kivari AX is not tolerant to Beyond™ herbicide. Kivari AX is susceptible to stripe and leaf rust and is resistant to the wheat curl mite which effectively reduces infection by mite-transmitted viruses including wheat streak mosaic virus. Growers must sign the CoAXium® Wheat Production System Stewardship Agreement at point of sale. Grain production of Kivari AX may not be saved for replanting under any circumstances. Unauthorized Propagation Prohibited – To Be Sold By Variety Name Only As A Class Of Certified Seed – U.S. Protected Variety. – 1994 PVPA

County	Grower, Town	Telephone	F	R	C
Stanley	Sioux Nation, LLC, Ft. Pierre	605-223-2427..		X	X

LCS CHROME – LCS Chrome hard red winter wheat was developed by Limagrain Cereal Seeds and released in 2016. The experimental line was tested as LCH13DH-20-87. LCS Chrome is a tan chaffed, awned, semi-dwarf wheat. The variety is short in height with early maturity. LCS Chrome has good lodging resistance. LCS Chrome is moderately resistant to stripe rust and leaf rust. It is susceptible to stem rust and WSMV. LCS Chrome has acceptable baking qualities and average test weight. The certified classes of seed shall be Foundation, Registered and Certified. LCS Chrome is protected under the Plant Variety Protection Act without the Title V certification option.

County	Grower, Town	Telephone	F	R	C
Sully	Barber, Ken, Onida	605-258-2708.....			X

LCS HELIX AX – LCS Helix AX is a hard red winter wheat bred and developed by Limagrain Cereal Seeds. The variety was released to seed producers in 2020. The variety was tested as LCH15ACC-8-21. LCS Helix AX has tolerance to the herbicide quizalofop, allowing for control of winter annual grasses including feral rye. LCS Helix AX has medium-early maturity. It is medium-tall with average straw strength. LCS Helix AX has good test weight and average milling and bread making quality. Juvenile growth habit is semi-erect. Leaf color at boot stage is green. Flag leaf at boot stage is waxy, erect and twisted. Anther color is yellow. Head shape is tapering, lax and awned. Glume pubescence is absent. Shoulders are square and the beak shape is acuminate. Seed shape is ovate. Seed cheeks are rounded, brush is medium, not collared. LCS Helix AX is protected under the Plant Variety Protection Act with the Title V Certification option.

County	Grower, Town	Telephone	F	R	C
Hyde	Mac's Corner Ag Supply, Highmore	605-870-1421.....			X
Pennington	Eisenbraun, Tyrel, Wall	605-685-3686.....			X

MTF 1435 – MTF 1435 is a tall, medium-late maturing hard red winter wheat cultivar developed for forage and grain production by Montana State University in 2018. MTF 1435 is awnless and is targeted as a replacement for Willow Creek. The variety matures 5 days earlier than Willow Creek and has equal or better forage yield and quality. MTF 1435 is 4-5” shorter than Willow Creek and has better stripe rust resistance. Winter hardiness is good for MTF 1435, and has good standability scores when compared to Willow Creek. The grain had good overall end-use qualities. MTF is proposed for licensed release outside Montana based on improved seed yield in comparison to Willow Creek, at similar forage yield potential. **Can only be sold in SD, ND, MN, IA, NE.**

County	Grower, Town	Telephone	F	R	C
Corson	Howe Seeds Inc., McLaughlin	605-823-4892.....			150
Stanley	Sioux Nation, LLC, Ft. Pierre	605-223-2427..			2263
Tripp	Elevate Agronomics, Inc, Winner	605-840-0373.....			113

OAHE - Oahe hard red winter wheat was developed by the South Dakota Agricultural Experiment Station (SD AES) and released in 2016 to seed producers by the developing institution. The line was tested as SD10257-2 and has the pedigree Ransom/SD96240-3-1. Oahe is white chaffed, awned, semi-dwarf wheat about 1 inch taller than Overland. Oahe is a mid-maturity type, with maturity being about 2 days later than Expedition. Winter hardiness and resistance to lodging are similar to Ideal. Oahe is moderately resistant to leaf rust, WSMV and Fusarium head blight. The variety is moderately susceptible to moderately resistant to stripe rust. Oahe has good test weight, average protein and baking properties. Oahe is protected under the Plant Variety Protection Act with the Title V certification option. A royalty fee will be collected on all sales of Registered and Certified classes for seed purposes.

County	Grower, Town	Telephone	F	R	C
Bon Homme	Rothschadl, Justin, Scotland	605-857-0359 ..			22
Haakon	Golden Willow Seeds Inc., Midland	605-843-2187.....			155

RAY – Ray is a tall, medium-late maturing hard red winter wheat cultivar developed for forage and grain production by Montana State University and released in 2018. The variety was tested as MTF-1432. Ray is awnletted and is targeted as a replacement for Willow Creek. The variety matures 5 days earlier than Willow Creek and has equal or better forage yield and quality. Ray is 4-5” shorter than Willow Creek and has better stripe rust resistance. Winter hardiness is good for Ray and has good standability scores when compared to Willow Creek. The grain had good overall end-use qualities. Ray is protected under the Plant Variety Protection act with the Title V certification option.

County	Grower, Town	Telephone	F	R	C
Butte	Vetter, Jeff, Belle Fourche	605-415-3375.....			45

REDFIELD - Redfield hard red winter wheat was developed by the South Dakota Agricultural Experiment Station (SD AES) and released in 2013 to seed producers by the developing institution. The line was tested as SD06158 and has the pedigree Wesley/CDC Falcon. Redfield is red chaffed, awned, semi-dwarf wheat about 1 inch taller than Wesley. Redfield is a mid-maturity type, with maturity being about 3 days later

than Wesley. Winter hardiness and resistance to lodging are also similar to Wesley. The variety is moderately resistant to stem rust and moderately susceptible to leaf rust. Redfield has higher test weight and better resistance to Fusarium head blight than Wesley. Redfield is susceptible to WSMV and stripe rust. The variety has good milling and good baking properties. Redfield is protected under the Plant Variety Protection Act with the Title V certification option. A royalty fee will be collected on all sales of Registered and Certified classes for seed purposes.

County	Grower, Town	Telephone	F	R	C
Charles Mix	Pharmco Industries - Platte, Platte	605-337-3374.....			547
Tripp	Elevate Agronomics, Inc, Winner	605-840-0373.....			116

SD ANDES – SD Andes hard red winter wheat was developed by the South Dakota Agricultural Experiment Station (SD AES) and released in 2020 to seed producers by the developing institution. The line was tested as SD12DHA03282 and was developed from the cross Striker/SD03184-4 using doubled haploid technology. SD Andes is red chaffed, awned, semi-dwarf wheat. SD Andes is similar in height and maturity to Ideal. The variety has excellent winter hardiness and straw strength. SD Andes is moderately resistant to stripe rust and BYDV. It is moderately susceptible to Fusarium head blight. SD Andes has average protein and test weight. The variety has acceptable milling and baking quality. SD Andes is protected under the Plant Variety Protection act with the Title V certification option. A royalty fee will be collected on all sales of Registered and Certified classes for seed purposes.

County	Grower, Town	Telephone	F	R	C
Bon Homme	Rothschadl, Justin, Scotland	605-857-0359 ..			23
Hanson	Henglefeldt, Glen, Alexandria	605-227-4535...			19
Potter	REH Farms Inc., Gettysburg	605-765-9552...			23
Tripp	Elevate Agronomics, Inc, Winner	605-840-0373.....			163
Tripp	Jorgensen Land & Cattle, Ideal	605-842-3217.....			195

SD MIDLAND – SD Midland hard red winter wheat was developed by the South Dakota Agricultural Experiment Station (SD AES) and released in 2021 to seed producers by the developing institution. The line was tested as SD12DHA01373 and was developed from the cross AC-Radiant/SD06069 using doubled haploid technology. SD Midland is bronze chaffed, awned, semi-dwarf wheat. SD Midland is medium-tall in height and late in maturity. The variety has very good winter hardiness and straw strength. SD Midland is moderately resistant to stripe rust, and moderately susceptible to leaf and stem rust. It is moderately resistant to moderately susceptible to Fusarium head blight and tan spot. SD Midland has average protein and test weight. The variety has good milling and baking quality. Application for Plant Variety Protection with the Title V certification option is anticipated. A royalty fee will be collected on all sales of Registered and Certified classes for seed purposes.

County	Grower, Town	Telephone	F	R	C
Day	Hansmeier & Son, Bristol	605-492-3611.....			140
Haakon	Hand Brothers Partnership, Midland	605-567-3397.....			40
Pennington	Bielmaier Farms, Wall	605-279-2841.....			46
Sully	Wittler Seed Farm, Agar	605-280-0152.....			82

SD PHEASANT- SD Pheasant hard red winter wheat was developed by the South Dakota Agricultural Experiment Station (SD AES) and released in 2023 to seed producers by the developing institution. The line was tested as SD18B025-8 and was developed from the cross OK07719W/SD07W083-4//SD07W053/3/SD09161. It is a medium-tall variety (Rht-B1b) with excellent winter hardiness and medium maturity (2 days later than Winner). SD Pheasant is a high-yielding line with good test weight and good grain protein content. It has a good disease resistance package, SD Pheasant is resistant to leaf rust and moderately resistant to stem rust, hessian fly and moderately tolerant to stripe rust, Fusarium Head Blight, and Bacterial Leaf Streak. Along with excellent grain yield potential, SD Pheasant has good milling characteristics and excellent baking characteristics. Application to the Plant Variety Protection office has been made with the Title V certification option. A royalty fee will be collected on all sales of Registered and Certified classes for seed purposes.

County	Grower, Town	Telephone	F	R	C
Brookings	Foundation Seed Stocks, Brookings	605-688-5418.....	68		

SY 517 CL2 – SY 517 CL2 is a hard red winter wheat bred and developed by Syngenta Participations AG. It contains two genes conferring tolerance to the BASF herbicides ‘Beyond’ or ‘ClearMax’. It was tested as 07CL039-7. SY 517 CL2 is best adapted to Kansas, Nebraska and South Dakota. Juvenile growth habit is erect. Leaf color at boot stage is green. Auricle color is white and anthocyanin is absent. Flag leaf at boot stage is recurved, twisted and wax is present. Anther color is yellow. Head shape is tapering and awned. Glumes are narrow in width and medium in length with oblique shoulders and acuminate beaks. Seed shape is ovate. Brush hairs are short in size. Seed cheeks are rounded. Chaff color is white when mature. SY 517 CL2 is a semi-dwarf variety, with early maturity and excellent straw strength. It is resistant to leaf rust and stem rust. SY 517 CL2 is moderately susceptible to stripe rust. The variety shows tolerance to SBMV. Syngenta Seeds, Inc. maintains seed stock and certified classes of Foundation, Registered and Certified. SY 517 CL2 is protected under the Plant Variety Protection Act with the Title V certification option.

County	Grower, Town	Telephone	F	R	C
Pennington	Yardley & Co, Inc., Quinn	605-386-2375			X

SY WOLF – SY Wolf is a hard red winter wheat bred and developed by Syngenta Seeds, Inc. – AgriPro and released in 2011. SY Wolf was tested as BC01007-7. The variety resulted from the cross W99-331/97x0906-8 made in the spring of 2001 by Syngenta Seeds, Inc. SY Wolf is a semi dwarf variety that has white chaff at maturity. SY Wolf is best adapted to North and South Dakota and Western Nebraska. SY Wolf has early maturity and excellent straw strength. The variety is moderately resistant to leaf rust, tan spot, stem rust and WSMV. SY Wolf is also moderately resistant to powdery mildew and Septoria. The variety is susceptible to stripe rust. Syngenta-AgriPro maintains Breeders seed stock and certified classes of Foundation, Registered and Certified. SY Wolf is protected under the Plant Variety Protection Act with the Title V certification option.

County	Grower, Town	Telephone	F	R	C
Sully	Wittler Seed Farm, Agar	605-280-0152			X

SY WOLVERINE – SY Wolverine is a hard red winter wheat developed by Syngenta Participations AG and released in 2019. SY Wolverine was tested as 08BC379-40-1. SY Wolverine is a standard height semi dwarf variety that has white chaff at maturity. SY Wolverine is broadly adapted across the winter wheat growing areas of the Western, Northern and Central Plains. SY Wolverine has medium maturity, similar to SY Sunrise. Juvenile growth habit is erect. Leaf color at boot stage is green. Flag leaf at boot stage is non-waxy, twisted and erect. Anther color is yellow. Head shape is tapering, mid dense and awned. Glume pubescence is absent. Shoulders are oblique and the beak shape is acuminate. Seed shape is ovate. Seed cheeks are rounded. SY Wolverine has shown above average leaf rust tolerance according to company data. Syngenta Seeds, LLC maintains seed stock and certified classes of Foundation, Registered and Certified. SY Wolverine is protected under the Plant Variety Protection Act with the Title V certification option.

County	Grower, Town	Telephone	F	R	C
Day	Kuecker Seed Farm, Webster	605-345-3169			X
Lyman	Herman Agri Inc., Presho	605-869-2304			X
Pennington	Yardley & Co, Inc., Quinn	605-386-2375			X
Stanley	Sioux Nation, LLC, Ft. Pierre	605-223-2427 ..			X
Sully	Wittler Seed Farm, Agar	605-280-0152		X	

WB4309 – WB4309 is a hard red winter wheat, bred and developed by Monsanto Technology, LLC in 2019. It will be marketed in the Northern Plains region of the U.S. as a WestBred branded variety. WB4309 is a medium-early maturing variety. WB4309 is an awned, semi-dwarf variety. The variety has good test weight and standability. WB4309 has good protein and acceptably baking and milling characteristics. It is moderately resistant to stripe rust and leaf rust, and moderately susceptible to Fusarium Head Blight. WB4309 has excellent winter hardiness. The certified classes of seed shall be Foundation, Registered and Certified. WB4309 has Plant Variety Protection.

County	Grower, Town	Telephone	F	R	C
Jones	Rankin & Sons Inc., Draper	605-280-2298			X
Lyman	Agtegra Cooperative - Kennebec, Kennebec	605-846-1280			X
Tripp	Elevate Agronomics, Inc, Winner	605-840-0373			X

WB4422 – WB4422 is a hard red winter wheat developed by Bayer Crop Science. The variety was tested as XE4101 and is licensed to WestBred for marketing. WB4422 was released in 2022. WB4422 is a medium maturing variety. WB4422 is an awned, tan-chaffed, semi-dwarf variety. The variety has mid-dense density, inclined, oblong spikes. The certified classes of seed shall be Foundation, Registered and Certified. Application to the Plant Variety Protection office has been made without the Title V certification option.

County	Grower, Town	Telephone	F	R	C
Spink	Klebsch, Jim, Redfield	605-460-1133			X

WINNER - Winner hard red winter wheat was developed by the South Dakota Agricultural Experiment Station (SD AES) and released in 2019 to seed producers by the developing institution. The line was tested as SD14115-5 and was developed from the cross T154/SD07165. Winner is best adapted to central and eastern South Dakota. Winner is a white

chaffed, awned, semi-dwarf wheat. The variety has medium height and medium maturity, similar to Lyman. The variety has good winter hardiness and straw strength. Winner is moderately resistant to stem rust and has average tolerance to Fusarium head blight. It shows an intermediate response to stripe and leaf rust. Winner is susceptible to tan spot. The variety has average protein and test weight. The variety has good milling and baking quality. Winner is protected under the Plant Variety Protection act with the Title V certification option. A royalty fee will be collected on all sales of Registered and Certified classes for seed purposes.

County	Grower, Town	Telephone	F	R	C
Bon Homme	Rothschadl, Justin, Scotland	605-857-0359 ..			99
Brookings	Foundation Seed Stocks, Brookings	605-688-5418	33		
Codington	Thyen Farms, Watertown	605-520-8159		25	292
Corson	Howe Seeds Inc., McLaughlin	605-823-4892			161
Day	Hansmeier & Son, Bristol	605-492-3611		395	
Gregory	TDK Partnership, Fairfax	605-654-2812			244
Haakon	Golden Willow Seeds Inc., Midland	605-843-2187			76
Lyman	Reuman, Drew, Presho	605-280-5330			180
Pennington	Bielmaier Farms, Wall	605-279-2841			31
Potter	REH Farms Inc., Gettysburg	605-765-9552...		26	145
Spink	Nutrien Ag Solutions, Northville	605-887-3422		100	
Stanley	Sioux Nation, LLC, Ft. Pierre	605-223-2427 ..			370
Tripp	Elevate Agronomics, Inc, Winner	605-840-0373			110
Tripp	Jorgensen Land & Cattle, Ideal	605-842-3217			261

SRW WHEAT

T173 – T173 soft red winter wheat was developed by Trio Research, Inc., and is owned and being marketed by Limagrain Cereal Seeds. The variety was released in 2012. T173 is a tan-chaffed, awnless variety, with medium height (similar to Ideal HRW) and early maturity. The flag leaf is recurved, not twisted and waxy. T173 is resistant to soil borne mosaic virus. The variety is moderately susceptible to wheat streak mosaic and barley yellow dwarf viruses. T173 is protected under the Plant Variety Protection Act with the Title V certification option. The certified classes of seed shall be Foundation, Registered and Certified.

County	Grower, Town	Telephone	F	R	C
Spink	Klebsch, Jim, Redfield	605-460-1133			X

MILLET

HORIZON – Horizon millet is a white-seeded proso variety developed by the Nebraska Agricultural Experiment Station and co-released with the University of Wyoming, South Dakota State University, Colorado State University and the USDA-ARS. The line was tested as NE-9217. Sunup, Rise, Dawn and Cope are part of the pedigree of Horizon. The variety has a compactum (closed) type panicle and the foliage is green,

similar to Sunup. Horizon is earlier in maturity than Sunrise and Earlybird, and about a week later than Dawn. Seed size of Horizon is similar to Sunrise and Earlybird, and larger than Huntsman. Horizon is shorter than Earlybird, Sunrise, Sunup and Huntsman, but taller than Dawn. Straw strength is similar to Sunup. Horizon has shown no susceptibility to Russian wheat aphid.

County	Grower, Town	Telephone	F	R	C
Brookings	Millborn Seeds, Inc, Brookings	605-697-6306			222
Haakon	Golden Willow Seeds Inc., Midland	605-843-2187			55
Haakon	Van Tassel, Ryan, Midland	605-441-5377		13	28

OATS

COLT - Colt oat is a white-hulled, spring oat developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2009. The line was tested as SD020883-29 and resulted from the cross SD97575/ND941119. Colt is an early maturing variety, one day earlier than Don and two days earlier than Reeves. In 2008 SDSU CPT trials, Colt was 3 inches taller than Don and four inches shorter than Reeves. The variety is resistant to smut. Colt is moderately susceptible to red leaf and stem rust. Colt is susceptible to crown rust. Lodging resistance is equal to Jerry, but better than Stallion. Kernels are high in protein and the groat percentage is also high. Colt is protected under the Plant Variety Protection Act with the Title V certification option. A royalty fee will be collected on all sales of Registered and Certified classes for seed purposes.

County	Grower, Town	Telephone	F	R	C
Jones	Hespe Farm, Okaton	605-530-0247			30

DEON - Deon oat was developed by the University of Minnesota Agricultural Experiment Station (AES) and released in 2013. The line was tested as MN07210 and resulted from the cross Sesqui*2/ Bettong/MN02108. Deon is a tall, late maturing variety similar to Rockford. Deon has good straw strength. Deon has yellow hulls which are nonfluorescent under UV light. The variety has good test weight and high protein. Deon is moderately resistant to stem rust. Deon is moderately susceptible to barley yellow dwarf virus (BYDV), and is resistant to smut and crown rust. Deon is protected under the Plant Variety Protection Act with the Title V certification option. Collection of a variety development fee for sales of Registered and Certified classes as well as Registered class seed used for the production of a seed crop will be made.

County	Grower, Town	Telephone	F	R	C
Clark	Spieker, David, Willow Lake	605-625-3685 ...			86

GOLIATH – Goliath oat is a white-hulled, spring oat developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2012. The line was tested as SD090552 and was developed from the two parent population IL99-1338/SD97575-38-154. Varieties in the pedigree include Rise, Settler and Troy. Goliath has late maturity, heading 1.7 days later than Stallion. Goliath is 4.3 inches taller than Stallion. Goliath has excellent grain yield and forage yield potential, as well as

good test weight. Goliath has a very high groat percentage and average protein content. The variety has excellent resistance to BYDV, stem rust and smut, but is susceptible to crown rust. Goliath has excellent straw strength, but should not be planted on very high fertility soils unless it will be harvested for forage. Goliath is protected under the Plant Variety Protection Act with the Title V certification option. Goliath will not have a saleable registered class. A royalty fee will be collected on all sales of the Certified class for seed purposes.

County	Grower, Town	Telephone	F	R	C
Brookings	Foundation Seed Stocks, Brookings	605-688-5418.....	97		
Brookings	Millborn Seeds, Inc, Brookings	605-697-6306			1824
Brown	LW Sales, Inc., Groton	605-397-8111.....			95
Charles Mix	Pharmco Industries - Platte, Platte	605-337-3374.....			512
Codington	Heuer, Allen, Summit	605-868-0914.....			21
Corson	Howe Seeds Inc., McLaughlin	605-823-4892			236
Gregory	Norberg, Dean, Burke	605-830-2062.....			307
Hand	Chris Howard Ranch, Miller	605-204-0299....			302
Hand	Nelson's HB Seed, Miller	605-853-3025.....			550
Hughes	Dowling, Skyler, Pierre	605-222-9065.....			805
Hyde	Leisinger, Matt, Highmore	605-852-2180.....			605
Jerauld	MPM Certified Seed, Wess Springs	605-770-6537.....	4549		
Kingsbury	Green Thumb Commodities, Oldham	605-482-8295.....			376
Lake	Mustang Seeds, Inc., Madison	605-256-6529			360
Misc.	Olsen Custom Farms, Hendricks	507-275-3176.....			688
Stanley	Sioux Nation, LLC, Ft. Pierre	605-223-2427..			149
Tripp	Elevate Agronomics, Inc, Winner	605-840-0373.....			130

HAYDEN – Hayden oat is a white-hulled, spring oat developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2015. The line was tested as SD111972 and was developed from the three parent population Buckskin//ND011054/SD020835. Hayden has medium-late maturity, heading about 4 days later than Shelby 427. Hayden is 2 inches taller than Shelby 427 and 4 inches shorter than Goliath. Hayden has excellent yield potential and high test weight. Hayden is resistant to smut and moderately resistant to BYDV. The variety is susceptible to crown rust and moderately susceptible to stem rust. Lodging resistance is better than Goliath and similar to Shelby 427. Hayden is protected under the Plant Variety Protection Act with the Title V certification option. A royalty fee will be collected on all sales of Certified seed. There will be no saleable registered class of seed.

County	Grower, Town	Telephone	F	R	C
Bon Homme	Bauder, Sean, Tyndall	605-670-9186.....			8
Brookings	Foundation Seed Stocks, Brookings	605-688-5418.....	36		
Brookings	Millborn Seeds, Inc, Brookings	605-697-6306			32
Charles Mix	Pharmco Industries - Platte, Platte	605-337-3374.....			156
Corson	Howe Seeds Inc., McLaughlin	605-823-4892			157
Gregory	Norberg, Dean, Burke	605-830-2062.....			35
Haakon	Golden Willow Seeds Inc., Midland	605-843-2187.....			80

Hughes	Dowling, Skyler, Pierre	605-222-9065.....			39
Jerauld	Jackson, Eric, Woonsocket	605-680-3713.....			200
Kingsbury	Green Thumb Commodities, Oldham	605-482-8295.....			77
McCook	Hofer, Cordell S., Salem	605-660-1582.....			104
Stanley	Sioux Nation, LLC, Ft. Pierre	605-223-2427..			128
Tripp	Jorgensen Land & Cattle, Ideal	605-842-3217.....			231
Walworth	Stiegelmeier Farms, Selby	605-845-6034.....			97

JERRY-Jerry oats was developed by the North Dakota Agricultural Experiment Station and released in March of 1994. The line was tested as ND870952. The pedigree of Jerry is Valley/3//RL3038/Kelsey//M22/Kelsey. Jerry is similar to Newdak in heading date and height and has good lodging resistance. Jerry has white hulls, which are fluorescent under UV light. Kernels have high test weight, groat percent and whole oat protein, but are not as high as Hytest in ND tests. Disease resistance ratings are moderately susceptible for barley yellow dwarf virus (BYDV), smut and stem rust. Jerry is susceptible to crown rust. The variety has medium high protein.

County	Grower, Town	Telephone	F	R	C
Charles Mix	Van Dusseldorp Ag, Platte	605-337-3052.....			45
Jones	Hespe Farm, Okaton	605-530-0247.....			111
McCook	Hofer, Cordell S., Salem	605-660-1582.....			62 52

MN-PEARL – MN-Pearl oat was developed jointly by the University of Minnesota and University of Saskatchewan and released in 2019. The line was tested as MN11211 and resulted from the cross OT3019/SA04920. MN-Pearl is a tall, late maturing variety similar to Deon. It has good straw strength. MN-Pearl has white hulls which are fluorescent under UV light. The variety has high groat percentage and good test weight. MN-Pearl is resistant to smut and moderately resistant to crown rust. MN-Pearl is protected under the Plant Variety Protection Act with the Title V certification option. Collection of a variety development fee for sales of Registered and Certified classes as well as Registered class seed used to produce a seed crop will be made.

County	Grower, Town	Telephone	F	R	C
Aurora	Kirsch Farms, White Lake	605-337-9658.....			16

NATTY – Natty oat is a white-hulled, spring oat developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2015. The line was tested as SD111779 and was developed with the pedigree SD020701//SD030888/ND030349. Natty is an early maturing variety, heading about 1 day later than Shelby 427. Natty is about 1 inch taller than Shelby 427 with similar lodging resistance. Natty has good yield potential and high test weight. Natty is resistant to smut. The variety is moderately susceptible to stem rust, crown rust and BYDV. Natty is protected under the Plant Variety Protection Act with the Title V certification option. A royalty fee will be collected on all sales of Certified seed. There will be no saleable registered class of seed.

County	Grower, Town	Telephone	F	R	C
Tripp	Laprath Farms, Dallas	605-830-1401.....			101

RUSHMORE – Rushmore oat is a white-hulled, spring oat developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2019. The line was tested as SD140515 with the pedigree of SD080015//SD0070110/SD060130. Rushmore is a medium-late maturing line, heading about 1 day earlier than Hayden. Rushmore is similar in height to Hayden with better lodging resistance. Rushmore has high yield potential and good test weight. Rushmore is resistant to moderately resistant to crown rust. The variety is moderately resistant to BYDV and smut. Rushmore has Plant Variety Protection with the Title V certification option. A royalty fee will be collected on all sales of Certified seed. There will be no saleable registered class of seed.

County	Grower, Town Telephone	F	R	C
Brookings	Foundation Seed Stocks, Brookings 605-688-5418.....	83		
Brookings	Millborn Seeds, Inc, Brookings 605-697-6306.....		193	
Charles Mix	Pharmco Industries - Platte, Platte 605-337-3374.....		127	
Day	J & J Horter Farm Partnership, Andover 605-216-4852.....		275	
Day	Raap, Torre, Andover 605-216-2875.....		51	
Deuel	K & K Farms Inc., Clear Lake 605-874-2322.		383	
Dewey	Biegler, Alan, Timber Lake 605-865-3231.....		40	
Gregory	Matucha, Lance, Burke 605-830-7810.....		136	
Hyde	Mac's Corner Ag Supply, Highmore 605-870-1421.....		61	
Jones	Rankin & Sons Inc., Draper 605-280-2298....		443	
Kingsbury	Halls Seed, LLC., Arlington 605-690-3594.....		124	
Kingsbury	Koehlmoos, Norman, DeSmet 605-854-3524		75	
Kingsbury	Rottluff, Karie, Oldham 605-695-0455.....		29	
Lake	Mustang Seeds, Inc., Madison 605-256-6529.....		107	
Misc.	Green Cover Seed, Bladen 402-469-6784.....	1068		
Misc.	Olsen Custom Farms, Hendricks 507-275-3176.....		1091	
Spink	Frericks, Stacey, Ashton 605-460-0887.....		46	
Spink	Troske, Rory, Turton 605-897-6656.....		165	
Tripp	Laprath Farms, Dallas 605-830-1401.....		70	

SD BUFFALO – SD Buffalo oat is a white-hulled, spring oat developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2021. The line was tested as SD150012 with the pedigree of SD081107//SD070394/SD060130. SD Buffalo is a medium-late maturing line, heading about 2 days earlier than Rushmore. SD Buffalo is similar in height to Rushmore with superior straw strength, but slightly lower in test weight. The variety has high yield potential. SD Buffalo is moderately resistant to crown rust and BYDV. Application for Plant Variety Protection with the Title V certification option is anticipated. A royalty fee will be collected on all sales of Certified seed. There will be no saleable registered class of seed.

County	Grower, Town Telephone	F	R	C
Brookings	Foundation Seed Stocks, Brookings 605-688-5418.....	78		
Brown	Sumption Farms, Frederick 605-216-6654....		120	
Corson	Howe Seeds Inc., McLaughlin 605-823-4892		154	
Day	Hansmeier & Son, Bristol 605-492-3611.....		100	
Deuel	Eastman, Cody, Brandt 605-690-8891.....		123	

Jones	Rankin & Sons Inc., Draper 605-280-2298....	118
Kingsbury	Green Thumb Commodities, Oldham 605-482-8295.....	170
Lake	Mustang Seeds, Inc., Madison 605-256-6529	98
Minnehaha	Bly Family Farms, LLC, Garretson 605-690-4563.....	39
Roberts	Koeppe Seeds, Claire City 605-652-4529.....	40
Tripp	Elevate Agronomics, Inc, Winner 605-840-0373.....	10
Tripp	Jorgensen Land & Cattle, Ideal 605-842-3217.....	137

SHELBY 427 – Shelby 427 oat is a white-hulled, spring oat developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2010. The line was tested as SD031128-330 and resulted from the cross SD99674/ND960851. Shelby 427 is an early maturing variety, one-two days earlier than Colt. In 2009 SDSU CPT trials, Shelby 427 was 4 inches taller than Colt and equal in height to Jerry. When compared to other early varieties, Shelby 427 has superior grain yield and test weight. Shelby 427 is susceptible to crown rust. The variety is moderately resistant to smut, and is moderately susceptible to stem rust and BYDV. Lodging resistance is better than Jerry and Colt. Kernels have a high groat percentage. Shelby 427 has Plant Variety Protection with the Title V certification option. Shelby 427 will not have a saleable registered class. A royalty fee will be collected on all sales of Certified seed.

County	Grower, Town Telephone	F	R	C
Deuel	Buschenfeld, Mark, Toronto 605-690-6773....	122		
Tripp	Boerner, Russ, Winner 605-840-1169.....	41		

WARRIOR – Warrior oat is a white-hulled, spring oat developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2018. The line was tested as SD120419 with the pedigree of SD041405/SD060130. Warrior is a medium maturing line, heading about 1 day later than Horsepower. Warrior is 2" taller than Horsepower. Warrior has high yield potential and average test weight. Warrior is moderately resistant to smut and moderately susceptible to BYDV. The variety is resistant to crown rust. Lodging resistance is excellent. Warrior is protected under the Plant Variety Protection Act with the Title V certification option. A royalty fee will be collected on all sales of Certified seed. There will be no saleable registered class of seed.

County	Grower, Town Telephone	F	R	C
Lake	Mustang Seeds, Inc., Madison 605-256-6529.....			342

RYE

ND DYLAN- ND Dylan rye, tested as DR02, was developed by the North Dakota Agricultural Experiment Station and released in the fall 2016 by the NDSU Research Foundation. ND Dylan resulted from an open pollinated selection in a composite cross of several commercial winter rye varieties. The composite population originated from the commercial varieties: Musketeer, Prima, AC Rifle, Warko, Rymin, Hancock and Spooner. ND Dylan is very winter hardy. It is a tall variety, 2.5 inches taller than Rymin and 2 inches taller than Dacold. ND Dylan reaches

heading one day later than Rymin and six days earlier than Dacold. It has good lodging resistance and good test weight. ND Dylan is susceptible to stem rust. ND Dylan is protected under the U.S. Plant Variety Protection Act with the Title V certification option.

County	Grower, Town	Telephone	F	R	C
Roberts	Koeppe Seeds, Claire City	605-652-4529.....			30

TRITICALE

641512175 (Brand Name: SURGE) – 641512175 (Brand – Surge) is a mid-tall, awnless, winter triticale developed by Northern Agri-Brands LLC. The line was tested as RSI 202567. The variety has late maturity. Plant color at boot stage is green. The flag leaf is twisted and erect. Spikelets are yellow in color when mature, dense with clavate shape. Seed is elliptical, slightly wrinkled, amber colored with mid-long brush length. Foundation, Registered and Certified classes are recognized beyond Breeder seed which is maintained by Northern Agri-Brands LLC. The variety is sold under the Brand Surge. 641512175 is protected under the Plant Variety Protection Act.

County	Grower, Town	Telephone	F	R	C
Tripp	Tritle, Carper, Cahill Homestead LLC	Winner, 605-208-6116.....		269	

841446398 (Brand Name: FLEX 719)- 841446398 is a mid-tall, awnletted, winter triticale developed by Northern Agri-Brands LLC. The line was tested as RSI 204719. 841446398 was released in 2017. Plant color at boot stage is blue-green. The flag leaf is not twisted, erect and waxy. Spikelets are yellow in color when mature, dense with oblong shape. Seed is elliptical, slightly wrinkled, amber colored with mid-long brush length. The variety has excellent lodging resistance. Foundation, Registered and Certified classes are recognized beyond Breeder seed which is maintained by Northern Agri-Brands LLC. The variety is sold under the Brand Flex 719. The variety is protected under the Plant Variety Protection Act.

County	Grower, Town	Telephone	F	R	C
Brookings	Millborn Seeds, Inc, Brookings	605-697-6306.....			152
Tripp	Tritle, Carper, Cahill Homestead LLC	Winner, 605-208-6116.....	78	776	

934271498 (Brand Name: GUNNER) - 934271498 is a mid-tall, awnless, winter triticale developed by Northern Agri-Brands LLC. The line was tested as APT1426023. 934271498 was released in 2020. The variety has medium maturity. Plant color at boot stage is blue-green. The flag leaf is twisted and erect. Spikelets are yellow in color when mature, dense with clavate shape. Seed is elliptical, slightly wrinkled, amber colored with mid-long brush length. Foundation, Registered and Certified classes are recognized beyond Breeder seed which is maintained by Northern Agri-Brands LLC. The variety is sold under the Brand Gunner. 934271498 is protected under the Plant Variety Protection Act.

County	Grower, Town	Telephone	F	R	C
Brookings	Millborn Seeds, Inc, Brookings	605-697-6306.....			219

CHICKPEAS

CDC PALMER – CDC Palmer chickpeas were developed by Crop Development Center at the University of Saskatchewan. The variety was tested as 1041-3. CDC Palmer is a large Kabuli type chickpea (garbanzo) cultivar. This cultivar is moderately resistant to Ascochyta blight. Plants of CDC Palmer are about equal in height to CDC Frontier. CDC Palmer has white flowers. The variety flowers a few days earlier than CDC Frontier. CDC Palmer leaves are medium green in color. Leaflets size is medium (1.6cm). The seeds are round to angular in shape, large and beige colored. CDC Palmer is protected under the Plant Variety Protection Act.

County	Grower, Town	Telephone	F	R	C
Corson	Howe Seeds Inc., McLaughlin	605-823-4892.....			120

NEW HOPE - New Hope is a mid-season large cream-colored Kabuli type chickpea, was selected specifically for adaptation to Nebraska growing conditions and for enhanced resistance to Ascochyta blight. It exhibits an upright indeterminate growth habit with excellent lodging resistance. New Hope is protected under the Plant Variety Protection act with the Title V certification option.

County	Grower, Town	Telephone	F	R	C
Misc	Jelinek Custom Cleaning, Alliance	308-313-5222.....			180

FIELD PEAS

CDC INCA – CDC Inca field pea is a semi-leafless variety developed and released in 2015 by the Crop Development Centre, University of Saskatchewan. It was tested as CDC 2847-21. CDC Inca is a yellow pea that is medium maturing with white flowers and yellow cotyledons. CDC Inca has similar seed weight to Agassiz. It has a vine length that is slightly longer than Agassiz. CDC Inca is resistant to powdery mildew and moderately resistant to Fusarium wilt. It has very good lodging resistance. CDC Inca is protected under the Plant Variety Protection Act with the Title V certification option

County	Grower, Town	Telephone	F	R	C
Edmunds	Malsam Farms, Inc., Roscoe	605-380-7832..			315

SOYBEANS

BROOKINGS - Brookings soybean was developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2012. Brookings was tested as SD05-240 and resulted from the cross A00-71163/SD98-595. Brookings is a conventional variety having the Rps1-k gene for Phytophthora root rot resistance. Brookings is purple-flowered with gray pubescence and tan pods at maturity. Seed coat is yellow and the hila are buff. Relative maturity is rated at a 1.7. Brookings has good emergence and quality scores. It is similar in protein to Deuel and 0.3% lower in oil content. The shattering scores for Brookings are also excellent. Lodging resistance is good. Seed size is larger than average with a plant height equal to MN1410.

County	Grower, Town	Telephone	F	R	C
Brookings	Foundation Seed Stocks, Brookings	605-688-5418.....			31

SWITCHGRASS

FORESTBURG-Forestburg switchgrass was selected at the Plant Materials Center, NRCS, Bismarck, ND from material collected in a native population located at Forestburg, SD. The variety was developed from a composite of open-pollinated seed from four outstanding accessions grown individually in the nursery. The variety is a leafy, upland type of medium height. Under irrigation at Bismarck, forage yield is about 5 tons per acre. Seed yields have been high as 450 lbs. of PLS per acre. The variety was tested as PM-SD_149.

County	Grower, Town	Telephone	F	R	C
Day	Roitsch, Jerry, Bristol	605-492-3330.....			50

SEED GROWERS

Listed alphabetically by NAME

Abeln Farm, Inc.	605-397-2452
40344 134th Street, Groton, SD 57445	
Agtegra Cooperative - Kennebec	605-846-1280
115 N Hwy 273 PO Box 99, Kennebec, SD 57544	
Barber, Ken	605-258-2708
30385 187th St PO Box 905, Onida SD 57564	
Bauder, Sean	605-670-9186
41814 298th Street, Tyndall, SD 57066	
Biegler, Alan	605-865-3231
PO Box 188, Timber Lake, SD 57656-0188	
Bielmaier Farms	605-279-2841
PO Box 430, Wall, SD 57790-0430	
Bly Family Farms, LLC	605-690-4563
48687 257th St, Garretson, SD 57030	
Boerner, Russ	605-840-1169
27095 322nd Ave, Winner, SD 57580	
Brandt Farms Inc.	605-520-0442
18013 470th Avenue, Clear Lake, SD 57226	
Buschenfeld, Mark	605-690-6773
19379 472nd Avenue, Toronto, SD 57268	
Chris Howard Ranch	605-204-0299
19245 355th Avenue, Miller, SD 57362	
Cronin Farms	605-769-9898
16410 302nd Ave, Gettysburg, SD 57442	
Dowling, Skyler	605-222-9065
20493 Pheasant Pl, Pierre, SD 57501	
Eastman, Cody	605-690-8891
405 Washington Street, Brandt, SD 57218-0188	
Eisenbeisz Farms	605-285-6738
32512 127th Street, Bowdle, SD 57428-5005	
Eisenbraun, Tyrel	605-685-3686
23245 Crooked Creek Rd, Wall, SD 57790	
Elevate Agronomics, Inc	605-840-0373
27763-317th Avenue, E Hwy 44, Winner, SD 57580	
Fiedler Farms Inc.	605-649-6280
13073 309th Avenue, Selby, SD 57472-5809	
Foundation Seed Stocks	605-688-5418
1211 N Campus Dr. SDSU Box 2125, Brookings, SD 57007-1096	
Frericks, Stacey	605-460-0887
38803 165th Street, Ashton, SD 57424	
Giese, Gerhard	605-649-7832
30051 137th Street, Selby, SD 57472	
Golden Willow Seeds Inc.	605-843-2187
21304 238th Avenue, Midland, SD 57552-3122	
Green Cover Seed	402-469-6784
918 Road X, Bladen, NE 68928	
Green Thumb Commodities	605-482-8295
21718 445th Avenue, PO Box J, Oldham, SD 57051-0018	

Halls Seed, LLC 605-690-3594
20466 451st Ave, Arlington, SD 57212

Hand Brothers Partnership..... 605-567-3397
24704 204th Street, Midland, SD 57552

Hansmeier & Son..... 605-492-3611
77 South Main PO Box 136, Bristol, SD 57219

Henglefeld, Glen 605-227-4535
26589 418th Avenue, Alexandria, SD 57311

Herman Agri Inc..... 605-869-2304
31120 252nd Street, Presho, SD 57568

Hespe Farm..... 605-530-0247
24248 260th Ave, Okaton, SD 57562

Heuer, Allen..... 605-868-0914
15262 457th Avenue, Summit, SD 57266

Hofer, Cordell S. 605-660-1582
43665 257th Street, Salem, SD 57058

Howe Seeds Inc. 605-823-4892
11198 272nd Avenue PO Box 496, McLaughlin, SD 57642

J & J Horter Farm Partnership 605-216-4852
13808 SD Hwy 27, Andover, SD 57422

Jackson, Eric 605-680-3713
38938 234th Street, Woonsocket, SD 57385

Jelinek Custom Cleaning..... 308-313-5222
PO Box C, Alliance, NE 69301

Jfrey Inc...... 605-848-1486
12532 290th Avenue, Mobridge, SD 57601

Jorgensen Land & Cattle 605-842-3217
31250 265th Street, Ideal, SD 57541

K & K Farms Inc..... 605-874-2322
47244 181st Street, Clear Lake, SD 57226-5439

Kirsch Farms..... 605-337-9658
37016 263rd St, White Lake, SD 57383

Klebsch, Jim 605-460-1133
38701 170th Street, Redfield, SD 57469

Koehlmoos, Norman 605-854-3524
43480 205th Street, DeSmet, SD 57231-5816

Koeppel Seeds 605-652-4529
PO Box 64, Claire City, SD 57224-0064

Kuecker Kountry Farms..... 605-345-4601
47838 147th St, Webster, SD 57274-6025

Kuecker Seed Farm..... 605-345-3169
14762 438th Avenue, Webster, SD 57274-6027

LaBolt Farmers Grain..... 605-882-4095
Box 75 Central Avenue, Waverly, SD 57201

Lake, John & Austin..... 605-765-9547
1105 E Garfield Avenue, Gettysburg, SD 57442

Lapraht Farms..... 605-830-1401
29385 329th Ave., Dallas, SD 57529

Leisinger, Matt 605-852-2180
18451 338th Avenue, Highmore, SD 57345

Locken Farms 605-380-2264
39643 137th Street, Bath, SD 57427

Lorang, Nick..... 605-770-5794
25406 398th Avenue, Mt. Vernon, SD 57363

LW Sales, Inc. 605-397-8111
300 Railroad Ave PO Box 668, Groton, SD 57445

Mac's Corner Ag Supply 605-870-1421
33553 SD Hwy 34, Highmore, SD 57345

Malsam Farms, Inc. 605-380-7832
12988 342nd Avenue, Roscoe, SD 57471

Matucha, Lance..... 605-830-7810
34642 Frey Road, Burke, SD 57523-0445

Millborn Seeds, Inc..... 605-697-6306
2132 32nd Avenue, Brookings, SD 57006

MPM Certified Seed 605-770-6537
22875 383rd Avenue, Wess Springs, SD 57382

Mustang Seeds, Inc. 605-256-6529
306 S. Washington PO Box 466, Madison, SD 57042

Nelson's HB Seed..... 605-853-3025
1020 N Broadway PO Box 87, Miller, SD 57362

Norberg, Dean..... 605-830-2062
34536 282nd Street, Burke, SD 57523

Nutrien Ag Solutions..... 605-887-3422
10 W Main Street PO Box 109, Northville, SD 57465

Olsen Custom Farms 507-275-3176
1355 300th Street, Hendricks, MN 56136

Pharmco Industries - Platte 605-337-3374
36590 SD Hwy 44, Platte, SD 57369

Raap, Torre..... 605-216-2875
41227 135th Street, Andover, SD 57422

Rahm Seed Cleaning..... 605-897-6623
40340 161st Street, Turton, SD 57477

Rankin & Sons Inc...... 605-280-2298
27924 239th Street, Draper, SD 57531

REH Farms Inc...... 605-765-9552
16332 SD Hwy 1804, Gettysburg, SD 57442

Reuman, Drew..... 605-280-5330
PO Box 12, Presho, SD 57568

Roitsch, Jerry..... 605-492-3330
60 - 5th Avenue E., Bristol, SD 57219-5804

Rothschadl, Justin 605-857-0359
29414 415th Avenue, Scotland, SD 57059-5113

Rottluff, Karie..... 605-695-0455
44689 217th St., Oldham, SD 57051

Schauer, Jim 605-439-3179
11698 363rd Avenue, Leola, SD 57456-6405

Sioux Nation, LLC..... 605-223-2427
504 Deadwood St PO Box 452, Ft. Pierre, SD 57532

Spieker, David..... 605-625-3685
19345 423rd Avenue, Willow Lake, SD 57278

Stiegelmeier Farms 605-845-6034
13402 306th Avenue, Selby, SD 57472-5802

Sumption Farms 605-216-6654
10997 390th Ave, Frederick, SD 57441

TDK Partnership	605-654-2812
37067 Hwy 18, Fairfax, SD 57335	
Thyen Farms	605-520-8159
46220 165th Street, Watertown, SD 57201-8765	
Tritle, Carper, Cahill Homestead LLC	605-208-6116
27495 SD Hwy 49, Winner, SD 57580	
Troske, Rory	605-897-6656
40559 162nd Street, Turton, SD 57477-5911	
Van Dusseldorp Ag	605-337-3052
521 Wisconsin Ave PO Box 308, Platte, SD 57369	
Van Tassel, Ryan	605-441-5377
21308 238 Ave, Midland, SD 57552	
Vetter, Jeff	605-415-3375
1805 10th Ave, Belle Fourche, SD 57717	
Weisbeck & Sons	605-437-2963
11193 US Hwy 83, Herreid, SD 57632-5802	
Wittler Seed Farm	605-280-0152
205 Elevator Way PO Box 29, Agar, SD 57520	
Yardley & Co, Inc.	605-386-2375
20101 Kelly Hill Rd., Quinn, SD 57775	

South Dakota Seed Trade Association Members

Albert Lea Seed House

1414 W. Main St, PO Box 127, Albert Lea, MN 56007

Arrow Seed Company, Inc.

PO Box 272, Broken Bow, NE 68822

Barber Chemicals

30385 187th St, PO Box 905, Onida, SD 57564

Dakota Grain Connection

47168 345th St, Dell Rapids, SD 57022

Elevate Agronomics, Inc.

27763 317th Ave, Winner, SD 57580

Fairway Seed

802 Depot St, PO Box 580, Armour, SD 57313

Foothills Seed, Inc.

2323 S. Junction Ave, PO Box 338, Sturgis, SD 57785

Foundation Seed Stocks

1211 N Campus Dr, PO Box 2125, Brookings, SD 57007

Golden Willow Seeds, Inc.

21304 238th Ave, Midland, SD 57552-9002

Halls Seed, LLC

20466 451st Ave, Arlington, SD 57212

Hansmeier & Son, Inc.

77 South Main, PO Box 136, Bristol, SD 57219

Heine Hybrid Seed Corn

1020 E 320th St, Vermillion, SD 57064

Howe Seeds, Inc.

11198 272 Ave, PO Box 496, McLaughlin, SD 57642

Kuecker Seed Farm, Inc.

14762 438 Ave, Webster, SD 57274

Millborn Seeds, Inc.

2132 32nd Ave, Brookings, SD 57006

MPM Certified Seed

22875 383 Ave, Wessington Springs, SD 57382

Mustang Seeds, Inc.

305 S Washington, PO Box 466, Madison, SD 57042

Nelson's HB Seed

PO Box 87, Miller, SD 57362-0087

Olsen Custom Farms

1024 County Hwy 17, Hendricks, MN 56136

Seed Exchange

PO Box 247, Platte, SD 57369

SGS North America, Inc.

1405 32nd Ave, Brookings, SD 57006

Sharp Seed

1005 S Sycamore, Healy, KS 67850

Sioux Nation, LLC

504 Deadwood, PO Box 452, Ft Pierre, SD 57532

Trask Family Seeds

21355 Elm Springs Rd, Wasta, SD 57791

Turnis Farm Service

200 N Main, Platte, SD 57369

Van Dusseldorp Ag

521 Wisconsin Ave, PO Box 308, Platte, SD 57369

Approved Certified Seed Conditioners

The following seed conditioning plants have been approved for cleaning South Dakota Certified Seed for the 2021-2022 year:

(Sorted alphabetically by town)

NAME, TOWN, PHONE	CROPS ELIGIBLE TO CONDITION
Halls Seed, LLC. 20466 451st Ave Arlington, SD 57212	605-690-3594 Buckwheat, field peas, Millet, Small Grains, Soybeans
Fairway Seed Company 802 Depot PO Box 580 Armour, SD 57313-0580	605-724-2401 605-770-2896 All Crops
Custom Grain Cleaning PO Box 522 Bath, SD 57427-0522	605-380-0513 605-226-3540 Small Grains, Portable Cleaner
Eisenbeisz Farms 32512 127th Street Bowdle, SD 57428-5005	605-285-6738 605-281-1154 Small Grains
Hansmeier & Son 77 South Main PO Box 136 Bristol, SD 57219	605-492-3611 605-377-3325 605-492-3531 All Crops
Moeckly Elevator, Inc. 41648 SD Hwy 10 Britton, SD 57430-5505	605-448-2212 605-237-3054 Corn, Millet, Small Grains, Soybeans
Arrow Seed Co. Inc. 126 N 10th Ave PO Box 722 Broken Bow, NE 68822	800-622-4727 Grasses, Small Grains, Small Seeded Legumes
Sexauer Discount Farm Services PO Box 540 Brookings, SD 57006-0540	605-696-7924 Millet, Small Grains
Pharmco Industries - Chamberlain 1250 E. King Avenue Chamberlain, SD 57325	605-234-5209 605-730-0624 Small Grains, Portable Cleaner
Koepe Seeds PO Box 64 Claire City, SD 57224-0064	605-652-4529 605-742-4336 Buckwheat, Flax, Millet, Small Grains, Soybeans
Voeller Superior Seed Grading 11475 391st Ave Columbia, SD 57433	701-320-4486 701-320-0934 Small Grains, Portable Cleaner

Grain Conditioning 2 Inc 11065 MacDonald Ave Conifer, CO 80433	724-650-5774	Wheat Portable Cleaner
CHS Dakota Prairie 102 6th Ave PO Box 8 Edgeley, ND 58433-0008	701-493-2808 701-493-2481	Flax, Small Grains, Soybeans
Mid Dakota Seed Service PO Box 373 Faulkton, SD 57438-0373	605-460-1119	Millet, Small Grains, Soybeans, Portable Cleaner
Dakota Mill & Grain (Fort Pierre) 507 Elevator Rd PO Box 338 Ft. Pierre, SD 57532	605-223-2557 605-223-2558	Small Grains
Sioux Nation of Fort Pierre PO Box 452 Ft. Pierre, SD 57532	605-223-2427 605-223-3101	Field Peas, Flax, Millet, Pulse Crops, Small Grains, Portable Cleaner
Sioux Nation, LLC 504 Deadwood St PO Box 452 Ft. Pierre, SD 57532	605-223-2427 605-223-3101	Field Peas, Flax Millet, Pulse Crops Small Grains, Portable Cleaner
LW Sales, Inc. 300 Railroad Ave PO Box 668 Groton, SD 57445	605-397-8111	Small Grains
Pullan Grain Cleaning 14041 402nd Ave Groton, SD 57445	605-395-6456	Small Grains, Soybeans, Portable Cleaner
Rix Farms Inc. 12960 406th Avenue Groton, SD 57445-5475	605-397-7118	Millet, Soybeans, Wheat
General Grain Cleaning 930 115th Ave Southeast Hannaford, ND 58448	701-769-2300 800-797-3268	Dry Beans, Small Grains, Soybeans, Portable Cleaner
General Grain Cleaning #2 930 115th Ave Southeast Hannaford, ND 58448	701-769-2300 800-797-3268	Dry Beans, Small Grains, Soybeans, Portable Cleaner
Olsen Custom Farms 1355 300th Street Hendricks, MN 56136	507-275-3176 605-690-0918	Millet, Small Grains

Cotten Seed Service 203 2nd St - PO Box 125 Henry, SD 57243	605-532-3738 605-881-6178	Small Grains, Soybeans, Portable Cleaner
Weisbeck & Sons 11193 US Hwy 83 Herreid, SD 57632-5802	605-437-2963 605-230-0089	Small Grains, Portable Cleaner
Mac's Corner Ag Supply /Jeff Ellsworth 33553 SD Hwy 34 Highmore, SD 57345	605-870-1421 605-852-9280	Small Grains, Portable Cleaner
Jorgensen Land & Cattle 31250 265th Street Ideal, SD 57541	605-842-3217	Small Grains, Portable Cleaner
Mark Perrion Grain Cleaning 212 Cambridge Avenue Ipswich, SD 57451	605-216-6836	Small Grains, Portable Cleaner
Green Thumb Commodities - Jefferson 200 3rd St PO Box 218 Jefferson, SD 57038	402-253-9162	Small Grains
Pharmco Industries - Kimball 36704 252nd Street Kimball, SD 57355	605-778-6579 605-682-9175	Small Grains, Portable Cleaner
Mustang Seed Cleaning Plant PO Box 466 Madison, SD 57042	605-256-6529 605-270-7540 605-871-3624	All Crops
Howe Seeds Inc. 11198 272nd Avenue PO Box 496 McLaughlin, SD 57642	605-823-4892 605-845-5892	Flax, Pulse Crops, Small Grains, Small Seeded Legumes
Golden Willow Seeds Inc. 21304 238th Avenue Midland, SD 57552-3122	605-843-2187 605-843-2809 605-685-5911	Grasses, Small Grains, Small Seeded Legumes, Sorghum
Van Tassel Seed Cleaning 21306 238th Avenue Midland, SD 57552	605-685-4406 605-843-2171	Millet, Safflower, Small Grains, Sunflower, Portable Cleaner
Stengel Seed & Grain 14698 SD Hwy 15 Milbank, SD 57252-5424	605-432-6030	Flax, Small Grains, Soybeans

Nelson's HB Seed 1020 N Broadway PO Box 87 Miller, SD 57362	605-853-3025 605-870-1472 605-870-3048	Grasses, Small Grains, Small Seeded Legumes, Soybeans, Portable Cleaner
North Central Seed PO Box 1008 Mitchell, SD 57301	605-996-5451	Grasses, Small Grains, Small Seeded Legumes
Strand, Wade 25798 409th Avenue Mitchell, SD 57301-5801	605-770-8790 605-996-7533	Small Grains, Portable Cleaner
Frey Seed Cleaning 12532 290th Ave Mobridge, SD 57601	605-848-1486	Millet, Small Grains
Heskin Grain Processing, Inc. 19 - 1st Street NE PO Box 111 New Rockford, ND 58356	701-947-5111 701-302-0653 701-947-5114	Wheat, Field Peas, Portable Cleaner
Heskin Grain Processing, Inc. #2 PO Box 111 New Rockford, ND 58356	701-947-5111 701-302-0653 701-947-5114	Wheat, Field Peas, Portable Cleaner
Nutrien Ag Solutions 10 W Main Street PO Box 109 Northville, SD 57465	605-887-3422	Field Peas, Small Grains, Soybeans
Green Thumb Commodities 21718 445th Avenue, PO Box J Oldham, SD 57051-0018	605-482-8295 800-843-3327	Flax, Millet, Small Grains, Small Seeded Legumes
Fanger & Fanger Seed Cleaning, LLC 30624 191st St Onida, SD 57564	605-222-0982	Field Peas, Lentils, Millet, Small Grains, Portable Cleaner
Dakota's Best Seed Co. 36656 Hwy 44 Platte, SD 57369-6337	605-337-3318 605-337-3319 605-680-4284	Grasses, Small Grains, Small Seeded Legumes
Pharmco Industries - Platte 36590 SD Hwy 44 Platte, SD 57369	605-337-3374	Small Grains, Portable Cleaner
Seed Exchange PO Box 247 Platte, SD 57369-0247	605-337-9882	All Crops

Seed Exchange (Conditioning Plant) 36787 SD Hwy 44, PO Box 247 Platte, SD 57369-0247	605-337-9882	Small Grains, Portable Cleaner
Van Dusseldorp Ag 521 Wisconsin Ave PO Box 308 Platte, SD 57369	605-337-3052 605-730-0355	Millet, Oats
Reuman Ag 30403 SD Hwy 248 Presho, SD 57568	605-683-4175 605-222-1712	Small Grains, Portable Cleaner
Reuman, Drew PO Box 12 Presho, SD 57568	605-280-5330	Field Peas, Millet, Small Grains, Portable Cleaner
Fiedler Farms Inc. 13073 309th Avenue Selby, SD 57472-5809	605-649-6280 605-845-6700 605-649-7795	Millet, Small Grains
Millborn Seeds Inc. 50 Michigan Ave. Sherman, SD 57030	605-697-6306	Small Grains, Soybeans
Foothills Seeds, Inc. 2323 S. Junction Ave PO Box 338 Sturgis, SD 57785-0338	605-347-4578	Grasses, Small Grains, Small Seeded Legumes
Rahm Seed Cleaning 40340 161st Street Turton, SD 57477	605-897-6623 605-897-6540 605-887-7300 605-887-7800	Small Grains, Portable Cleaner
Blotske Joe Grain Cleaning, LLC PO Box 694 Underwood, ND 58576	701-442-3549 701-400-1792	Small Grains, Portable Cleaner
Pioneer Hi-Bred International Inc. 17835 Hwy 13 W Wahpeton, ND 58074	701-642-5300	Soybeans
Sandal Seed Cleaning 703 Husted St Wall, SD 57790	605-441-7921	Field Peas, Millet, Safflower, Small Grains Portable Cleaner
Sandal Seed Cleaning #2 703 Husted St Wall, SD 57790	605-441-7921	Field Peas, Millet, Safflower, Small Grains, Portable Cleaner

B & L Ag Inc. 1806 7th St NE Watertown, SD 57201	605-956-1389	Small Grains
Agwrx Cooperative 811 BN Drive Watertown, SD 57201	605-886-4406	Flax, Small Grains
Quality Seed Service 17613 449th Avenue Watertown, SD 57201-7675	605-881-7000	Soybeans, Wheat, Portable Cleaner
Thyen Farms 46220 165th Street Watertown, SD 57201-8765	605-520-8159	Wheat, Portable Cleaner
LaBolt Farmers Grain Box 75 Central Avenue Waverly, SD 57201	605-882-4095 605-881-9850	Small Grains
Kuecker Kountry Farms 47838 147th St Webster, SD 57274-6025	605-345-4601 605-645-4328 605-345-3463 605-265-0229	Millet, Small Grains, Soybeans
Kuecker Seed Farm 14762 438th Avenue Webster, SD 57274-6027	605-345-3169 605-345-4397 605-380-3925	Flax, Millet, Small Grains, Soybeans
MPM Certified Seed 22875 383rd Avenue Wess Springs, SD 57382	605-539-0070 605-770-6537	All Crops
JH Clean Grain Solutions 19549 382nd Ave Wessington, SD 57381	605-350-0636	Field Peas, Hemp, Millet, Small Grains, Soybeans
Gene's Custom Grain Cleaning 11646 387 Ave Westport, SD 57481	605-290-1236	Small Grains, Portable Cleaner
Legend Seeds Processing Plant 43281 189th Street Willow Lake, SD 57278	800-678-3346 605-854-3346	Soybeans
Elevate Agronomics, Inc 27763-317th Avenue, E Hwy 44 Winner, SD 57580	605-840-0373 605-842-0481	Small Grains, Small Seeded Legumes
Pharmco Industries - Winner 27768 317th Avenue Winner, SD 57580	605-842-0703	Small Grains, Portable Cleaner

Approved Bulk Retail Facilities

(Sorted alphabetically by town)

H & H AgSolutions LLC 421 - 5th Street S. Alpena, SD 57312	605-849-3454 605-350-7242
SS & H Ag Supplies Inc. 12 W. Main Ashton, SD 57424	605-472-1020 605-450-1131
Dakota Mill & Grain (Belle Fourche) 808 5th Avenue Belle Fourche, SD 57717	605-892-2543
CBH Cooperative, Feed & Ag Services 77 North 6th Avenue Belle Fourche, SD 57717	605-723-3333
Millborn Seeds, Inc 2132 32nd Avenue Brookings, SD 57006	605-697-6306 605-690-4159
Agtegra Cooperative 535 415th Avenue PO Box 113 Carpenter, SD 57322	605-352-7210 605-350-4076
Nutrien Ag Solutions 30195 SD Hwy 19 Centerville, SD 57014	605-563-2533
Agtegra Cooperative 250 West 249th Street Chamberlain, SD 57325	605-234-4230
Triplasher Seed Co 24908 346th Ave Chamberlain, SD 57325	605-680-3508
Agri Partners Inc. 47453 SD Hwy 22 Clear Lake, SD 57226	605-874-2550 605-695-9698
CHS Farmer's Alliance (Corsica) PO Box 65 Corsica, SD 57328-0065	605-946-6215 605-946-6200

Agland Coop - A & D Fertilizer 39833 US HWY 18 Delmont , SD 57330-6908	605-779-2003 605-928-3627 605-770-3783
Midstate Agronomy 43204 Highway 14, PO Box 10 DeSmet , SD 57231-0010	605-854-9282 605-203-1694
CHS River Plains (Dupree) #1 RR Street PO Box 127 Dupree , SD 57623	605-365-5332 605-365-5331 800-564-0883
CHS River Plains - Fairfax 107 Turney Ave PO Box 276 Fairfax , SD 57335	605-654-2619 605-830-0848
CHS River Plains - Faulkton 609 9th Avenue S. Faulkton , SD 57438	605-598-4532
Agtegra Cooperative 16253 355th Ave PO Box 69 Faulkton , SD 57438	605-598-6500
CHS Farmer's Alliance - Freeman 803 N Hwy 81 PO Box F Freeman , SD 57029	605-925-7424 605-648-3231 605-660-3371
CHS River Plains (Gettysburg) 503 North Potter Gettysburg , SD 57442-1029	605-765-2476 605-765-2498
Beringer Seed Sales, LLC 16188 314th Ave PO Box 82 Gettysburg , SD 57442	605-769-0272
Brown Agronomy 30831 Hwy 212 PO Box 305 Gettysburg , SD 57442	605-765-9133
Abeln Farm, Inc. 40344 134th Street Groton , SD 57445	605-397-2452
Bollweg Farms Michael) 20210 322nd Avenue Harrold , SD 57536	605-875-3440 605-870-1725

Agtegra Cooperative - Harrold 32080 Hwy. 14 PO Box 3 Harrold , SD 57536	605-875-3375
Agtegra Cooperative 525 Commercial Ave NE PO Box 352 Highmore , SD 57345	605-852-2558 605-350-7264
Simplot Grower Solutions 200 Hwy 14 E. PO Box 564 Highmore , SD 57345	605-852-2777 605-295-0461
Hoven Equity Exchange PO Box 785 Hoven , SD 57450-0785	605-948-2226
Howard Farmers Coop Assn 310 W. Hwy 34 PO Box 706 Howard , SD 57349-0706	605-772-5543 605-579-0352
Agtegra Cooperative 1000 4th Street NW PO Box 18 Huron , SD 57350-0018	605-352-4404 605-352-4390
Agtegra Cooperative 36075 Hwy 12 E PO Box 366 Ipswich , SD 57451	605-426-6999 605-426-6021
Helena Agri-Enterprises 128 N Sioux Street PO Box 68 Iroquois , SD 57353	605-546-2504 605-256-3973
CHS River Plains (Isabel) 224 North Main PO Box 15 Isabel , SD 57633	605-466-2159
Agtegra Cooperative PO Box 157 Java , SD 57452	605-649-6291
Agtegra Cooperative - Kennebec 115 N Hwy 273 PO Box 99 Kennebec , SD 57544	605-846-1280 605-869-2255
Agtegra Cooperative 36694 Iron Horse Drive Kimball , SD 57355	605-778-6141

LaBolt Farmers Grain 102 E. Georgia Ave PO Box 91 LaBolt , SD 57246	605-623-4581
Prairie Ag Partners 100 Main Ave S. PO Box 158 Lake Preston , SD 57249-0158	605-847-4551
Agtegra Cooperative 605 Railroad Street Lebanon , SD 57455	605-768-9465
Southwest Grain - Division of CHS Inc. 201 2nd St E. PO Box 239 Lemmon , SD 57638	605-374-3301
Mustang Seeds 306 South Washington, P.O. Box 466 Madison , SD 57042-0466	605-256-6529 605-270-7540 800-952-2324
Fremar, LLC - Dimock PO Box 357 Marion , SD 57043-0357	605-928-3392
Agtegra Cooperative 109 Elevator Rd. PO Box 640 McLaughlin , SD 57642	605-823-4441
Agtegra Cooperative PO Box 107 Mellette , SD 57461-0107	605-887-3572
Helena Agri Enterprises PO Box 465 Menno , SD 57045-0465	605-387-5513 605-464-0078
Agtegra Cooperative PO Box 425 Miller , SD 57362-0425	605-853-3006
Wilbur Ellis 609 14th St W. PO Box 414 Miller , SD 57362	605-853-2382 605-461-3292
Buy Rite Seed, LLC 35539 U.S. Hwy 14 Miller , SD 57362	605-853-2513 605-204-0217 605-870-2515 605-530-1895

CHS Farmer's Alliance - Mitchell 1100 N. Elevator Rd PO Box 1286 Mitchell , SD 57301	605-996-7322 605-999-4914
Agronomy Plus, Inc. 2500 W. Havens Street Mitchell , SD 57301	605-996-3339
CHS River Plains (Onida) 305 Cedar Avenue Onida , SD 57564-0424	605-258-2688 605-258-2687
Shepherd Seed Company 18514 301st Avenue Onida , SD 57564	605-264-5559 605-280-8058 605-280-9058
Barber Chemicals 30385 187th St PO Box 905 Onida , SD 57564	605-258-2708 605-380-0672
Wittler Seed Farm P.O. Box 29 Onida , SD 57564	605-258-2431 605-280-0152
Aesoph Seeds LLC 34339 172nd Street Orient , SD 57467	605-870-0329
Agland Coop 115 South 1st Street Parkston , SD 57366-6213	605-928-3627 605-680-0078
CHS River Plains - Pierre 1919 E. Sioux Pierre , SD 57501-5830	605-224-5935
Turnis Farm Service Inc. PO Box 516 Platte , SD 57369-0516	605-337-3643 605-224-5935
Wilbur Ellis 17150 US Highway 281 Redfield , SD 57469	605-472-2600
Agtegra Cooperative 1227 3rd Street East Redfield , SD 57469	605-472-0300

Karlen Ranch Partnership 33055 235th St PO Box 1343 Reliance , SD 57569	605-473-5605 605-730-5606
Revillo Farmers Elevator PO Box 98 Revillo , SD 57259-0098	605-623-4411
Agtegra Cooperative 13345 341st Avenue PO Box 138 Roscoe , SD 57471	605-287-4311
Stiegelmeier Farms 13402 306th Avenue Selby , SD 57472-5802	605-845-6034 605-649-7009
CHS River Plains -Selby 1510 3rd Avenue PO Box 323 Selby , SD 57472	605-649-7682
DLF USA Inc. (DBA LaCrosse Seed) 2810 West 3rd St., Ste. #1 Sioux Falls , SD 57104	877-338-9639 605-338-9639
Agtegra Cooperative 38784 262nd Street PO Box 248 Stickney , SD 57375-0248	605-732-4240
Wilbur Ellis 45149 152nd Street Summit , SD 57266	605-947-4800
Helena Agri Enterprises - Tripp 514 SD 37 - PO Box 216 Tripp , SD 57376	605-935-6106
Agtegra Cooperative 102 Main Street PO Box 126 Tulare , SD 57476	605-596-4114
Western Consolidated Cooperative 47229 Hwy 12 PO Box 78 Twin Brooks , SD 57269	605-432-4531 320-394-2171
Leber Ag Service, LLC 308 Sally Ave, PO Box 107 Vale , SD 57788	605-456-2538

CHS Farmer's Alliance - Wagner 310 W. Railroad St PO Box 159 Wagner , SD 57380	605-384-3671
Dakota Mill & Grain (Wall) 111 2nd Ave Box 419 Wall , SD 57790	605-279-2261
Broken Heart Ranch 23268 383rd Avenue Wess Springs , SD 57382	605-999-1196 605-539-9615 605-350-0334
Agtegra Cooperative PO Box 350 Wess Springs , SD 57382-0350	605-539-1555
Wilbur Ellis 22888 U.S. Hwy 281 Wess Springs , SD 57382	605-539-0240 605-350-4538
CHS Farmer's Alliance (White Lake) 409 S Main Street White Lake , SD 57383	605-249-2233 605-249-2610
CHS - Wilmot (Herman) P.O. Box 36 13653 SD Hwy 123 Wilmot , SD 57279	605-938-4664 320-815-2024
CHS River Plains - Winner 31711 Harvest Rd Winner , SD 57580	605-842-1582 605-830-2624
South Central Livestock Supply 27855 Golden Prairie Drive PO Box 455 Winner , SD 57580	605-840-4070 800-290-2430
Agtegra Cooperative 20137 U.S. Hwy. 281 Wolsey , SD 57384	605-883-4317 800-290-2430
CHS 47014 SD Hwy 44 Worthing , SD 57077	605-372-3700
Agtegra Cooperative 218 So. Main Yale , SD 57386	605-599-2911

NOTES

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WEIGHTS AND MEASURES

Linear Measure (Length)

1 Mile = 5,280 feet or 320 rods
1 Rod = 16½ feet

Square Measure (Area)

1 Acre = 160 square rods or
43,560 square feet
1 Square Rod = 30¼ sq. yds.
1 Square Yard = 9 sq. feet

Weight

1 Pound = 16 ounces
1 Long Ton = 2,240 pounds
(Great Britian)
1 Short Ton = 2,000 pounds
(USA)

Cubic Measure (Area)

1 Cubic Yard = 27 cubic feet
1 Cubic Foot = 1,728 cubic
inches

TEMPERATURE CONVERSIONS

To convert Centigrade to Fahr-
enheit:

$$\frac{^{\circ}\text{C} \times 9}{5} + 32 = ^{\circ}\text{F}$$

To convert Fahrenheit to Centi-
grade:

$$(^{\circ}\text{F} - 32) \times \frac{5}{9} = ^{\circ}\text{C}$$

DETERMINING PLANT POPULATION

Row length to equal 1/1000th acre

Row Width in inches	Row width 1/1000 th acre
7"	74'8"
10"	52'3"
14"	37'4"
15"	34'10"
20"	26'2"
24"	21'9"
28"	18'8"
30"	17'5"
32"	16'4"
36"	14'6"
38"	13'9"
40"	13'1"

Metric Equivalents (Linear Measure)

1 Mile = 1.6093 kilometers
1 Kilometer = 0.62137 mile
1 Rod = 0.5029 decameter
1 Decameter = 1.9884 rods
1 Meter = 39.37 inches or 1.0936
yds.

Meter Equivalents (Square Measure)

1 Acre = 0.04047 hectare
1 Hectare = 2.471 acres
1 Square Rod = 0.2529 acre
1 Acre = 8.594 square rods
1 Square Yard = 0.8361
square meter

Metric Equivalents (Volume)

1 Bushel = 0.3524 hectoliter
1 Hectoliter = 2.8375 bushels
1 Quart dry = 1.101 liters
1 Quart liquid = 0.9463 liters
1 liter = 0.908 quart dry
1 liter = 1.0567 quarts liquid

Metric Equivalents (Weight)

1 Pound = 0.4536 kilogram
1 Kilogram = 2.2046 pounds
1 Metric Ton = 2,204.6 pounds

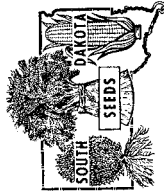
Volume Conversion Factors/ Area Conversion Factors

Cubic ft. \times 0.8 = bushels grain
Cubic ft. \times 7.48 = gallons
Cubic ft. \times 62.4 = pounds water
Gallons \times 8.330 = pounds water
Gallons \times 0.1337 = cubic ft.
Cubic inches \div 1,728 = cubic ft.
Cubic yard \times 27 = cubic ft.
Cubic ft. \div 27 = cubic yards

GROWING DEGREE DAY EQUATION

$$\text{GDD} = \frac{\text{Daily Max. Temp.}^* + \text{Daily Min. Temp.}^\dagger - 50^\circ}{2}$$

*: Up to a maximum of 86°F
†: Not below 50°F



**SDCIA/SEED CERTIFICATION DIVISION
2380 RESEARCH PARK WAY, SUITE 136
BROOKINGS, SD 57006-1785
(605) 688-4604**

**NON-PROFIT ORG.
U.S. Postage**

PAID

**Brookings, SD 57006
PERMIT NO. 3**

RETURN SERVICE REQUESTED