

South Dakota Certified Seed

GROWER DIRECTORY

FALL 2024 / SPRING 2025



**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 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 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 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

None Grown

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.

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
- Hansmeier & Son, Bristol, SD 605-492-3611
- Christensen Grain Farm Part., Pukwana. 605-730-2269



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

2024 HRW Wheat Variety Characteristics

Variety	Origin	Year Rel	Rust Leaf	Rust Stem	Rust Reaction*	Wheat Stripe	Wheat Streak	Rel Heading (0-7)	Straw Strength	Rel Height	Winter Hardiness	End-use Quality	Chaff Color	PVP
122016W (Brand Name: AP Clair)	AP	21	R	R	MS	MR	MR	Medium 3	Excellent	Short 27"	Excellent	Good	White	PVP Title V
AP Baldy	AP	23	MR	MR	MS	MR	MR	Medium 4	Excellent	Short 28"	Excellent	NA	White	PVP Title V
AP Bigfoot	AP	22	R	R	MS	MR	MR	Early 0	Good	Short 27"	Good	Good	White	PVP Title V
AP18 AX	AP	18	MS	MR	MR	MR	MR	Early 0	Good	Short 27"	Good	Acceptable	White	PVP Title V
AP24 AX	AP	24	MS	MR	MR	MR	MR	Med Early 3	Good	Short 28"	Good	Acceptable	White	PVP Title V
Draper	SD	19	MR	MS	MR	--	--	Early 2	Excellent	Short 28"	Good-Excellent	Good	White	PVP Title V
Ideal	SD	11	MR	MR	S	S	S	Medium 4	Excellent	Short 29"	Good	Acceptable	White	PVP Title V
Lyman	SD	8	MS	R	S	S	S	Early 2	Fair	Medium 31"	Good	Acceptable	White	PVP Title V
Oahe	SD	16	MS	MS	MR	MR	MR	Medium 4	Good	Medium 31"	Good	Acceptable	White	PVP Title V
Overland	NE/SD	07	MR	MR	S	S	MS	Medium 4	Good	Medium 30"	Excellent	Acceptable	White	PVP Title V
Redfield	SD	13	MS	MR	MS	S	S	Medium 4	Excellent	Short 28"	Good-Excellent	Good	Brown	PVP Title V

SD Andes	SD	20	--	MS	MR	--	Medium 4	Excellent	Short 29"	Excellent	Acceptable	Brown	PVP Title V
SD Midland	SD	21	MS	MS	R	--	Medium 4	Excellent	Medium 31"	Excellent	Good	Brown	PVP Title V
SD Pheasant	SD	23	R	MS	MS-S	--	Medium 2	Good	Medium 30"	Excellent	Good	White	PVP Title V
SY Monument	SYN/AP	14	MR	R	MR	MS	Early 2	Good	Short 27"	Good-Excellent	Acceptable	White	PVP Title V
SY Wolf	SYN/AP	11	R	MR	S	MR	Med Early 3	Excellent	Short 28"	Good-Excellent	Acceptable	White	PVP Title V
SY Wolverine	SYN/AP	19	MS	MR	MS	MS	Early 2	Excellent	Short 27"	Good-Excellent	Acceptable	White	PVP Title V
Winner	SD	19	MR	MR	MR	--	Early 2	Excellent	Short 29"	Good-Excellent	Good	White	PVP Title V

*S = Susceptible MS = Moderately Susceptible 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	Title V	
Colt	SD	'09	White	Good	0	Medium	Fair	Medium High	MS	R	MS	S	S	PVP-94 Title V
Deon	MN	'13	Yellow	Good	9	Tall	Good	Medium High	MS	R	MS	MR	MR	PVP-94 Title V
Goliath	SD	'12	White	Good	9	Tall	Good	Medium High	MR	MR	MS	S	S	PVP-94 Title V
Hayden	SD	'14	White	Good	7	Tall	Good	Medium	MR	R	MS	S	S	PVP-94 Title V
Jerry	ND	'94	White	Good	4	Medium	Good	Medium High	MR	S	MS	S	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.

2024 PLANT VARIETY PROTECTION

Listing of varieties grown in South Dakota where protection has been granted for PVP

*** Applied for U.S. PVP (Application applied for/pending) ** PVP without Title V**

BARLEY	FIELD PEAS	OATS	SPRING WHEAT	SOYBEANS	WINTER WHEAT	MISCELLANEOUS
Conlon	Bluemoon**		Advance	Davison	122016W (Brand Name: AP CLAIR)	841446398 Triticale** (Brand Name: Flex 719)
Drummond	Bridger	BetaGene	AP Gunsmoke CL2	Deuel	AP Baldy	946802617 Triticale** (Brand Name: GAINER 154)
Foster	CDC Amarillo**	CDC Endure	AP Murdock	Glacier	AP Bigfoot	934271498 Triticale** (Brand Name: GUNNER)
Lacey	CDC Inca	Colt	AP Revolution	Granite	AP18 AX	641512175 Triticale** (Brand Name: SURGE)
ND Genesis	Cooper	Deon	AP Smith	Hamlin	AP24 AX	879684836 Triticale** (Brand Name: Thor)
ND Treasure	Daytona**	Drumlin**	AP Venom	Hendricks	AP503 CL2	718 Triticale**
Rasmusson	DS-Admiral	Gem	Ascend-SD	MN1401	Brawl CL Plus	Amit Chickpea
Rawson	Durwood	Goliath	Barlow	Shenenne	Carlisle	Cache Brome, Meadow
Stockford	Flex**	Hi-Fi	Bolles	Spink	CP7017 AX	Carter Flax
Stellar-ND	LG Amigo	Hayden	Boost	Surge	CP7050 AX	Cardinal Safflower
Tradition	Mystique	Horsepower	Brawn-SD	Turner**	Crescent AX	CCS-779 Radish
Valier	Nette 2010	MN-Pearl	Brick		Draper	CDC Frontier Chickpea**
Vaquero	Salamanca	Morton**	Briggs		Expedition	CDC Invincible CL Lentil
	Spider	Natty	Driver		Ideal	CDC Maxim CL Lentil
	SW Marquee	Newburg**	Elgin-ND		Infinity CL	CDC Neela Flax**
	SW Midas	Reins	Faller		Keldin	CDC Orion Chickpea**
	SW Salute	Richard	Focus		LCS Chrome**	CDC Palmer Chickpea**
	Topeka	Rockford**	Forefront		LCS Compass**	CDC Redberry Lentil
	Viper	Rushmore	Lang-MN		LCS Fusion AX	Hycrest II Crested Wheatgrass
		Saddle	LCS Albany		LCS Helix AX	Joppa Durum Wheat
		Shelby 427	LCS Breakaway		LCS Mint	Mondak Safflower
		Souris**	LCS Buster**		LCS Photon AX	Montola 2003 Safflower
		Stallion	LCS Cannon**		LCS T173	Morton Lentil**
		SD Buffalo	LCS Hammer AX*		Lyman	ND Dylan Rye
		SD Momentum	LCS Iguacu**		MTF1435	ND Gardner Rye
		SD Titan	LCS Powerplay		Oahe	ND Riveland Durum

New Hope
NutraSaff Safflower
Pierce Durum Wheat

Overland
Ray
Redfield
SD Andes
SD Midland
SD Pheasant
Settler CL
SY 517 CL2
SY Monument
SY Sunrise
SY Wolf
SY Wolverine
Thompson
WB4059CLP**
WB4309**
WB4422*
WB4462**
WB4510CLP**
WB4614**
WB4623CLP**
WB4721
WB-Grainfield**
Winner

LCS Rebel**
LCS Trigger**
Linkert
MN-Torgy
MS Chevelle**
MS Stingray**
Prevail
Prosper
RB07
Rollag
Select
Shelly
Steele-ND
Surpass
SY605 CL
SY Ingmar
SY McCloud
SY Rowyn
SY Rustler
SY Soren
SY Valda
TCG-Spiffire
TCG-Wildfire
Tom
Velva
WB9479
WB9590
WB9606*
WB9653**
WB9719
WB9879CLP
WB-Patron

Streaker
Warrior

VARIETIES WITH RESEARCH FEES

Most Varieties have research or production fees on the sales of Registered and Certified classes of seed. These fees are assessed at the first point of sale as a class of certified seed for varieties grown in South Dakota. If the variety in question is not listed please contact the SDCIA Office. Phone # 605-688-4604.

Spring Wheat		Per Bu Charges	Winter Wheat		Per Bu Charges
Advance	\$0.60		122016W (AP Clair)	\$0.10	
Ambush	\$0.10		AP503CL	\$0.10	
AP Gunsmoke	\$0.10		AP Baldy	\$0.10	
AP Murdock	\$0.10		AP Bigfoot	\$0.10	
AP Revolution	\$0.10		AP 18 AX	\$0.10	
Ascend-SD	\$0.60		AP 24 AX	\$0.10	
Brawn-SD	\$0.60		Bolles	\$0.75	
Cannon	\$0.10		Boost	\$0.60	
CP3099A	\$0.10		Brick	\$0.60	
CP3188	\$0.10		CP7017 AX	\$0.10	
Driver	\$0.60		CP7266 AX	\$0.10	
Focus	\$0.60		CP7909	\$0.10	
Forefront	\$0.60		Crescent AX	\$0.10	
Lang-MN	\$0.75		Draper	\$0.60	
LCS Anchor	\$0.10		Expedition	\$0.10	
LCS Buster	\$0.10		Ideal	\$0.60	
LCS Hammer AX	\$0.10		Kivari AX	\$0.10	
LCS Trigger	\$0.10		LCS Chrome	\$0.10	
Linkert	\$0.75		LCS Helix AX	\$0.10	
MN-Torgy	\$0.75		LCS Mint	\$0.10	
MS Camaro	\$0.10		LCS Steel AX	\$0.10	
MS Chevelle	\$0.10		MTF-1435	\$0.10	
Prevail	\$0.60		Lyman	\$0.60	
Prosper	\$0.30		Oahe	\$0.60	
Shelly	\$0.75		Overland	\$0.60	
Surpass	\$0.60		Ray	\$1.25	
SY Ingmar	\$0.10		Redfield	\$0.60	
SY Rowyn	\$0.10		SD-Andes	\$0.60	
SY Rustler	\$0.10		SD-Midland	\$0.60	
SY Valda	\$0.10		SD-Pheasant	\$0.60	
WB9590	\$0.10		SY 517 CL2	\$0.10	
WB9606	\$0.10		SY Monument	\$0.10	
WB9645	\$0.10		SY Sunrise	\$0.10	
WB9719	\$0.10		SY Wolf	\$0.10	
			SY Wolverine	\$0.10	
			Viking 211	\$0.10	
			WB4309	\$0.10	
			WB4422	\$0.10	
			WB4510CLP	\$0.10	
			WB4540	\$0.10	
			WB4623CLP	\$0.10	
			WB Grainfield	\$0.10	
			Wesley	\$0.10	
			Winner	\$0.60	
Oats		Per Bu Charges	Peas/Lentils/ Chickpeas		Per Bu Charges
CDC Endure	\$0.10		AAC Carver	\$0.10	
Colt	\$0.30		Agassiz	\$0.10	
Deon	\$0.25		CDC Amarillo	\$0.10	
Goliath	\$0.30		CDC Frontier	\$0.10	
Hayden	\$0.30		CDC Inca	\$0.10	
Horsepower	\$0.30		CDC Invincible	\$0.10	
Jerry	\$0.10		CDC Maxim CL	\$0.10	
MN-Pearl	\$0.25		CDC Orion	\$0.10	
Natty	\$0.30		CDC Palmer	\$0.10	
Newburg	\$0.35		DS Admiral	\$0.10	
Reins	\$0.30		Durwood	\$0.10	
Rockford	\$0.35		Early Star	\$0.10	
Rushmore	\$0.30		LG Amigo	\$0.10	
Saddle	\$0.30		Nette 2020	\$0.10	
SD-Bufferlo	\$0.30		New Hope	\$0.10	
SD-Momentum	\$0.30		Salamanca	\$0.10	
SD-Titan	\$0.30		SW Midas	\$0.10	
Shelby 427	\$0.30				
Warrior	\$0.30				
Barley		Per Bu Charges			
ND-Gensis	\$0.75				
ND-Treasure	\$1.00				

BARLEY

HAYS - Hays barley is a two-row hooded spring barley variety developed by the Montana Agricultural Experiment Station as annual hay barley. Hays resulted from the cross of Haybet and Baronesse in 1993. Hays barley is a two-row hooded barley variety with white kernels and semi-wrinkled hulls without barbs on the lateral vein. The rachillas have long hair and hair-covered glumes and the rachis is edged with hairs. Hays barley is approximately three inches shorter than Haybet and is similar to Baronesse in height. Hays heads 3 days later than Haybet and one day later than Harrington and Baronesse. Hays barley has shown a greater tolerance to lodging than Haybet based on limited lodging data and field increase observations. Hays barley yielded 13% greater than Westford at 17 locations and 14% higher than Westford at eight irrigated locations. Dry land yields for Hays barley at nine locations were 11% higher than Westford and equal to Haybet. Hays barley had significantly higher yields than Haybet and similar yields to Harrington over 18 Montana locations (1999-2002).

County	Grower, Town	Telephone	F	R	C
Jones	Hespe Farm, Okaton	605-530-0247		44	

ND TREASURE - ND Treasure is a high yielding semi-dwarf six-rowed barley that is intended for the non-malting market. Potential markets are those for pet food, pearling for human food, or livestock feed. Growers are seeing yields often times 15% higher than other commonly grown feed barley varieties. The short strong straw of ND Treasure may make it more suited to higher rates of N fertilizer to increase yield without the fear of increased lodging.

County	Grower, Town	Telephone	F	R	C
Mellette	Huber Farms, Parmelee	605-462-6392			42

STOCKFORD – Stockford barley is a hooded, two-rowed spring hay barley developed and released by WestBred, LLC in 2005. Stockford resulted from the cross Baronesse / BZ 591-57. It is primarily used as a forage barley, and is adapted to the intermountain areas of the Pacific Northwest and to the Western Prairies of Canada. Stockford is medium tall and mid-season in maturity. The leaves and stems are slightly waxy. The flag leaves are drooping at the boot stage. The head is strap shaped, lax and slightly waxy. Stockford is protected under the Plant Variety Protection Act (PVP-94).

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

HRS WHEAT

122001W (Brand Name: AMBUSH) - Ambush is a hard red spring wheat bred and developed by Syngenta Seeds, Inc. - AgriPro of Berthoud, Colorado and released in 2016. The variety was tested as 122001W. It is a standard semi-dwarf variety, similar to SY Ingmar in height. Ambush is resistant to stem rust and moderately resistant to leaf rust. Ambush is moderately susceptible to Fusarium head blight. The variety has a juvenile growth habit that is erect. Plant color at boot stage is green. Flag leaf at boot stage is erect and twisted. Head shape is tapering and awned. Test weight and protein are above average, with acceptable baking qualities. Dyna Gro has been given exclusive marketing rights

to this variety. 122001W (Ambush) is protected under the Plant Variety Protection act with the Title V certification option.

County	Grower, Town	Telephone	F	R	C
Spink	Nutrien Ag Solutions, Northville	605-887-3422..		X	X

AP GUNSMOKE CL2 – AP Gunsmoke CL2 is a hard red spring wheat bred and developed by Syngenta Seeds, Inc. - AgriPro of Berthoud, Colorado and released in 2021. The variety was tested as NP11100135-1 CL2. AP Gunsmoke CL2 contains two genes conferring tolerance to the BASF herbicides ‘Beyond’ or ‘ClearMax’. It is a standard semi-dwarf variety. AP Gunsmoke CL2 has a juvenile growth habit that is semi-erect. Plant color at boot stage is green. Flag leaf at boot stage is recurved, twisted and wax absent. Head shape is tapering, with mid-dense density and inclined curvature. The certified classes of seed shall be Foundation, Registered and Certified. AP Gunsmoke CL2 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	X

AP MURDOCK – AP Murdock is a hard red spring wheat bred and developed by Syngenta Seeds, Inc. - AgriPro of Berthoud, Colorado and released in 2020. The variety was tested as NP11100273-23. It is a standard semi-dwarf variety. AP Murdock has a juvenile growth habit that is semi-erect. Plant color at boot stage is green. Flag leaf at boot stage is recurved, twisted and wax absent. Head shape is tapering, with mid-dense density and erect curvature. The certified classes of seed shall be Foundation, Registered and Certified. AP Murdock 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

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. AP Revolution 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
Sully	Wittler Seed Farm, Agar	605-280-0152		X	

AP VENOM – AP Venom is a hard red spring wheat bred and developed by Syngenta Seeds, Inc. - AgriPro of Berthoud, Colorado and released in 2019. The variety was tested as USW11200083-1-3. It is a standard semi-dwarf variety. AP Venom 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 oblong, with mid-dense density and erect curvature. The certified classes of seed shall be Foundation, Registered and Certified. AP Venom 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

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. Ascend SD 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
Brookings	Foundation Seed Stocks, Brookings	605-688-5418.....	33		
Brown	Abeln Farm, Inc., Groton	605-397-2452			59
Codington	LaBolt Farmers Grain, Waverly	605-882-4095.....			140
Codington	Thyen Farms, Watertown	605-520-8159			202
Corson	Howe Seeds Inc., McLaughlin	605-823-4892..			313
Day	Hansmeier & Son, Bristol	605-492-3611.....		375	188
Day	Kuecker Seed Farm, Webster	605-345-3169...			239
Deuel	Brandt Farms Inc., Clear Lake	605-520-0442..			77
Deuel	K & K Farms Inc., Clear Lake	605-874-2322....		52	173
Haakon	Golden Willow Seeds Inc., Midland	605-843-2187.....		21	221
Haakon	Hand Brothers Partnership, Midland	605-567-3397.....			235
Jerauld	MPM Certified Seed, Wess Springs	605-770-6537.....			847
Lyman	Reuman, Drew, Presho	605-280-5330		19	195
McPherson	Schauer, Jim, Leola	605-439-3179.....			246
Mellette	Huber Farms, Parmelee	605-462-6392		134	547
Out of State	Olsen Custom Farms, Hendricks	507-275-3176.....			144
Potter	Cronin Farms, Gettysburg	605-769-9898		38	572
Potter	Lake, John & Austin, Gettysburg	605-765-9547.....			391
Potter	REH Farms Inc., Gettysburg	605-765-9552...		28	264
Roberts	Koepe Seeds, Claire City	605-652-4529.....			135
Spink	Rahm Seed Cleaning, Turton	605-897-6623 .			240
Tripp	Jorgensen Land & Cattle, Ideal	605-842-3217.....		23	245
Walworth	Fiedler Farms Inc., Selby	605-649-6280.....			310
Walworth	Jfrey Inc., Mobridge	605-848-1486			145

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. Plant Variety Protection Act 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
Codington	Thyen Farms, Watertown	605-520-8159		12	197
Corson	Howe Seeds Inc, McLaughlin	605-823-4892 .			316
Day	Kuecker Seed Farm, Webster	605-345-3169 ..			305
Deuel	K & K Farms Inc., Clear Lake	605-874-2322 .		20	
Pennington	Bielmaier Farms, Wall	605-279-2841.....		76	
Potter	REH Farms Inc., Gettysburg	605-765-9552...		24	148
Spink	Rahm Seed Cleaning, Turton	605-897-6623 .			80
Sully	Wittler Seed Farm, Agar	605-280-0152		80	578
Walworth	Fiedler Farms Inc., Selby	605-649-6280.....			172
Walworth	Jfrey Inc., Mobridge	605-848-1486			155

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
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.....			131
Codington	Thyen Farms, Watertown	605-520-8159			107
Deuel	Brandt Farms Inc., Clear Lake	605-520-0442..			60
Potter	Lake, John & Austin, Gettysburg	605-765-9547			447
Potter	REH Farms Inc., Gettysburg	605-765-9552...		24	214
Tripp	Jorgensen Land & Cattle, Ideal	605-842-3217 ..		22	276

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. LCS Hammer AX has protection under the Plant Variety Protection Act without the Title V certification option.

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
Hyde	Mac's Corner Ag Supply, Highmore	605-870-1421			X
Pennington	Eisenbraun, Tyrel, Wall	605-685-3686.....			X
Sully	Barber, Ken, Onida	605-258-2708			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 is protected under the Plant Variety Protection act with the Title V certification option.

County	Grower, Town	Telephone	F	R	C
Codington	Thyen Farms, Watertown	605-520-8159			156
Corson	Howe Seeds Inc., McLaughlin	605-823-4892			232
Day	Bisgard Farms, Waubay	605-881-3385			60
Deuel	K & K Farms Inc., Clear Lake	605-874-2322		20	80
Edmunds	Eisenbeisz Farms, Bowdle	605-285-6738			539
Potter	Lake, John & Austin, Gettysburg	605-765-9547			309
Spink	Rahm Seed Cleaning, Turton	605-897-6623			160
Walworth	Fiedler Farms Inc., Selby	605-649-6280.....			313
Walworth	Jfrey Inc., Mobridge	605-848-1486			154

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
Dewey	Biegler, Alan, Timber Lake	605-865-3231		45	
Edmunds	Eisenbeisz Farms, Bowdle	605-285-6738			359
Spink	Rahm Seed Cleaning, Turton	605-897-6623 .			155
Walworth	Giese, Gerhard, Selby	605-649-7832		30	127

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
Pennington	Yardley & Co, Inc., Quinn	605-386-2375		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	X
Walworth	Stiegelmeier Farms, Selby	605-845-6034.....			X

WB9590 - WB9590 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 F9N12-0151. WB9590 is an early maturing variety. WB9590 is an awned, semi-dwarf variety with lax, inclined, tapered shaped spikes. The glumes are white/amber in color at maturity. WB9590 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. WB9590 is protected under the Plant Variety Protection Act.

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

WB9645 - WB9645 is a hard red spring wheat, bred and developed by Bayer CropScience in 2023. It will be marketed in the Northern Plains and Montana regions of the U.S. as a WestBred branded variety. WB9645 is a medium-late maturing variety. WB9645 is an awned variety with mid-dense density, tapering, erect shaped spikes. The glumes are white/amber in color at maturity. The certified classes of seed shall be Foundation, Registered and Certified. Application to the Plant Variety Protection office has been made.

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

HRW WHEAT

122016W (Brand Name: 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. 122016W (AP Clair) 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
Walworth	Stiegelmeier Farms, Selby	605-845-6034.....			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
Brookings	Millborn Seeds, Inc, Brookings	605-697-6306.....		X	
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
Jerauld	MPM Certified Seed, Wess Springs	605-770-6537.....			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	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
Jerauld	MPM Certified Seed, Wess Springs	605-770-6537.....			X
Stanley	Sioux Nation, LLC, Ft. Pierre	605-223-2427..			X
Sully	Wittler Seed Farm, Agar	605-280-0152			X

AP24 AX– AP24 AX is a hard red winter wheat bred and developed by Colorado State University and released in 2022. AP24 AX was tested as CO14A136-135. The variety resulted from the cross AF10/2*Byrd//

AF26/Byrd made in 2012. Ownership of AP24 AX has been transferred from CSU to the Colorado Wheat Research Foundation. AP24 AX carries the B-genome and D-genome traits conferring tolerance to the herbicide quizalofop, allowing for control of winter annual grasses including feral rye. 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. Certified classes observed are Foundation, Registered and Certified. Syngenta Seeds LLC has been granted rights to maintain purity of the variety and maintain Foundation seedstocks and may utilize Colorado State University's Foundation seed program for manual removal of off-types in maintenance of breeder or foundation seed. Royalties will be collected through the Colorado Wheat Research Foundation. Plant Variety Protection act with the Certification option is anticipated for AP24 AX. AP24 AX can be sold by variety name only as a class of certified seed.

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	

CP7266AX - CROPLAN CP7266AX is a hard red winter wheat . CP7266AX was released in 2022. It is a medium maturity CoAXium product with a taller plant type and good standability. It brings good tolerance to FHB and Leaf and Stripe Rust. CP7266AX is sold as Certified Seed Only and is protected under the Plant Variety Protection Act.

County	Grower, Town	Telephone	F	R	C
Brule	Christensen Grain Farm Part., Pukwana	605-730-2269.....			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	Van Tassel, Ryan, Midland	605-441-5377.....			301

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.....		32	86
Haakon	Van Tassel, Ryan, Midland	605-441-5377.....			149
Tripp	Elevate Agronomics, Inc, Winner	605-840-0373.....			120
Tripp	Jorgensen Land & Cattle, Ideal	605-842-3217...		29	

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	X
Sully	Barber, Ken, Onida	605-258-2708.....		X	X

LCS STEEL AX – LCS Steel AX is a hard red winter wheat bred and developed by Limagrain Cereal Seeds. The variety was released to seed producers in 2020. LCS Steel AX has tolerance to the herbicide quizalofop, allowing for control of winter annual grasses including feral rye. LCS Steel AX is medium-tall with excellent straw strength. LCS Steel AX has very good test weight. 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 mid-dense density, tapering, and awned. Glume pubescence is absent. Shoulders are oblique and the beak shape is acuminate. Seed shape is oval. Seed cheeks are rounded, brush is medium. LCS Steel AX is protected under the Plant Variety Protection Act with the Title V Certification option.

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

LYMAN - Lyman hard red winter wheat was developed by the South Dakota Agricultural Experiment Station (SD AES) and released in 2008 to seed producers by the developing institution. The line was tested as SD00111-9 and resulted from the cross KS93U134/Arapahoe. Lyman is white chaffed, awned, semi-dwarf wheat. The variety is similar to Arapahoe in maturity (medium), height (medium) and winter hardiness, but has slightly less straw strength. Lyman is resistant to stem rust, and has the best scab resistance of any variety tested in the North Central Region. It is moderately resistant to leaf rust. Lyman is susceptible to stripe rust and wheat streak mosaic virus. In 2007 CPT trials, Lyman was first in grain yield and test weight. Lyman has excellent milling and acceptable baking properties. Lyman 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
Lyman	Herman Agri Inc., Presho	605-869-2304			292

MTF1435 – MTF1435 is a tall, medium-late maturing hard red winter wheat cultivar developed for forage and grain production by Montana State University in 2018. MTF1435 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. MTF1435 is 4-5” shorter than Willow Creek and has better stripe rust resistance. Winter hardiness is good for MTF1435, and has good standability scores when compared to Willow Creek. The grain had good overall end-use qualities. MTF1435 is proposed for licensed release outside Montana based on improved seed yield in comparison to Willow Creek, at similar forage yield potential. MTF1435 has Plant Variety Protection with the certification option.

County	Grower, Town	Telephone	F	R	C
Corson	Howe Seeds Inc., McLaughlin	605-823-4892			100
Stanley	Sioux Nation, LLC, Ft. Pierre	605-223-2427..		140	100
Tripp	Elevate Agronomics, Inc. Winner	605-840-0373			144

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
Haakon	Golden Willow Seeds Inc., Midland	605-843-2187.....			126

OVERLAND - Overland hard red winter wheat was developed co-operatively by the Nebraska Agricultural Experiment Station and the USDA-ARS and released in 2007 by the developing institutions and the South Dakota Agricultural Experiment Station. The line tested as NE01643 was selected from the cross Millennium sib//Seward/Archer. Overland is white chaffed, awned, tall semi-dwarf wheat. Overland matures about three days later than Wesley. Overland has good straw strength, similar to Wesley, and is shorter than Millennium by about a 1 cm. It is moderately resistant to leaf rust, stem rust, Fusarium head blight and Hessian fly. Overland is moderately susceptible to wheat streak mosaic virus and is susceptible to stripe rust. Overland has a medium coleoptile similar to Nekota. Winter hardiness for Overland is good, similar to Nekota. Test weight of Overland is good, similar to Expedition. Overland has adequate milling and baking properties. Overland is protected under the Plant Variety Protection Act with the Title V certification option. There is no saleable registered class.

County	Grower, Town	Telephone	F	R	C
Charles Mix	Pharmco Industries, Platte	605-337-3374.....			310

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 awnleted 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.....			65

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	Hansum Brothers, Platte	605-680-1023.....			147
Charles Mix	Pharmco Industries, Platte	605-337-3374.....		80	437
Spink	Rahm Seed Cleaning, Turton	605-897-6623 .		40	
Tripp	Elevate Agronomics, Inc, Winner	605-840-0373.....			135

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
Beadle	Gruenhagen, Jason, DeSmet	605-860-9959 .		10	140
Bennett	Kuxhaus Farms, Martin	605-685-6004.....		39	
Bon Homme	Rothschadl, Justin, Scotland	605-857-0359 ..			45
Brule	Christensen Grain Farm Part., Pukwana	605-730-2269.....		40	239
Charles Mix	Hansum Brothers, Platte	605-680-1023.....		55	
Corson	Howe Seeds Inc., McLaughlin	605-823-4892..		176	
Davison	Lorang, Nick, Mt. Vernon	605-770-5794.....			166
Davison	Strand, Wade, Mitchell	605-770-8790.....			50
Day	Hansmeier & Son, Bristol	605-492-3611		75	
Hanson	Henglefeldt, Glen, Alexandria	605-227-4535...			31
Jerauld	Broken Heart Ranch, Wess Springs	605-999-1196.....			55
Potter	REH Farms Inc., Gettysburg	605-765-9552...		20	213
Spink	Rahm Seed Cleaning, Turton	605-897-6623 .			140
Tripp	Elevate Agronomics, Inc, Winner	605-840-0373.....		150	

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. SD Midland 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
Beadle	Smith Farm, Yale	605-350-4296.....		20	
Brule	Christensen Grain Farm Part., Pukwana	605-730-2269.....			200
Davison	Lorang, Nick, Mt. Vernon	605-770-5794.....			166
Haakon	Hand Brothers Partnership, Midland	605-567-3397.....			226
Jerauld	Broken Heart Ranch, Wess Springs	605-999-1196.....			106
Spink	Rahm Seed Cleaning, Turton	605-897-6623.		60	
Tripp	Jorgensen Land & Cattle, Ideal	605-842-3217.....		23	123

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. Plant Variety Protection Act 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
Beadle	Smith Farm, Yale	605-350-4296.....		20	
Brule	Christensen Grain Farm Part., Pukwana	605-730-2269.....			35
Charles Mix	Pharmco Industries, Platte	605-337-3374.....		50	
Davison	Lorang, Nick, Mt. Vernon	605-770-5794.....		61	
Davison	Strand, Wade, Mitchell	605-770-8790.....		30	
Day	Hansmeier & Son, Bristol	605-492-3611.....		628	
Gregory	TDK Partnership, Fairfax	605-654-2812.....		154	
Haakon	Hand Brothers Partnership, Midland	605-567-3397.....			39
Lake	Mustang Seeds, Inc., Madison	605-256-6529.		150	
Lyman	Reuman, Drew, Presho	605-280-5330.....		17	
Pennington	Bielmaier Farms, Wall	605-279-2841.....		72	
Potter	REH Farms Inc., Gettysburg	605-765-9552...		20	
Spink	Rahm Seed Cleaning, Turton	605-897-6623.		60	
Sully	Wittler Seed Farm, Agar	605-280-0152.....		158	
Tripp	Jorgensen Land & Cattle, Ideal	605-842-3217		27	

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
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		

SY MONUMENT – SY Monument is a hard red winter wheat bred and developed by Syngenta Seeds, Inc.– AgriPro and released in 2014. SY Monument was tested as 04BC574-2. The variety resulted from a cross made in 2003 by Syngenta Seeds, Inc. SY Monument is a semi dwarf variety that has white chaff at maturity. SY Monument is best adapted to the winter wheat growing areas of the High Plains. SY Monument has early maturity and average straw strength. Juvenile growth habit is erect. Leaf color at boot stage is green. Flag leaf at boot stage is waxy, non-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 Monument is moderately resistant to leaf rust and stripe rust. The variety is resistant to stem rust and WSMV. Syngenta-AgriPro maintains Breeders seed stock and certified classes of Foundation, Registered and Certified. SY Monument is protected under the Plant Variety Protection Act with the Title V Certification option.

County	Grower, Town	Telephone	F	R	C
Brookings	Millborn Seeds, Inc, Brookings	605-697-6306.....			X
Stanley	Sioux Nation, LLC, Ft. Pierre	605-223-2427 ..		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

County	Grower, Town	Telephone	F	R	C
Stanley	Sioux Nation, LLC, Ft. Pierre	605-223-2427 ..			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
Brookings	Millborn Seeds, Inc, Brookings	605-697-6306.....			X
Day	Kuecker Seed Farm, Webster	605-345-3169..	X		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	X
Sully	Wittler Seed Farm, Agar	605-280-0152		X	
Walworth	Stiegelmeier Farms, Selby	605-845-6034.....		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
Lyman	Agtegra Cooperative, Kennebec	605-846-1280.....			X
Spink	Klebsch, Jim, Redfield	605-460-1133			X
Tripp	Elevate Agronomics, Inc, Winner	605-840-0373.....			X
Walworth	Stiegelmeier Farms, Selby	605-845-6034.....	X		X

WB4510CLP– WB4510CLP is a hard red Clearfield Plus winter wheat developed by Bayer Crop Science. WB4510CLP was released in 2021. It is marketed in the hard red winter wheat growing regions of North Dakota. WB4510CLP is an awned, white/amber-chaffed variety. The variety has lax density, inclined, tapering spikes. The certified classes

of seed shall be Foundation, Registered and Certified. Application to the Plant Variety Protection office is anticipated with the option that WB-4510CLP can be sold by variety name only as a class of certified seed.

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

WB4540 – WB4540 is a hard red winter wheat developed by Bayer Crop Science. 4540 was released in 2023. It will be marketed in the central and southern plains regions of the U.S. as a WestBred branded variety. WB4540 is a medium maturing variety. WB4540 is an awnless, white/amber-chaffed 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.

County	Grower, Town	Telephone	F	R	C
Walworth	Stiegelmeier Farms, Selby	605-845-6034.....	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 ..			42
Brookings	Foundation Seed Stocks, Brookings	605-688-5418.....	34		
Charles Mix	Pharmco Industries, Platte	605-337-3374.....		128	
Codington	Thyen Farms, Watertown	605-520-8159			125
Corson	Howe Seeds Inc, McLaughlin	605-823-4892 .			78
Davison	Lorang, Nick, Mt. Vernon	605-770-5794		60	
Douglas	Gronseth, Wayne, Mitchell	605-770-6459.....		45	
Gregory	TDK Partnership, Fairfax	605-654-2812			180
Lyman	Reuman, Drew, Presho	605-280-5330		18	410
Potter	REH Farms Inc., Gettysburg	605-765-9552...		20	
Spink	Nutrien Ag Solutions, Northville	605-887-3422.....			130
Stanley	Sioux Nation, LLC, Ft. Pierre	605-223-2427 ..		128	
Tripp	Elevate Agronomics, Inc, Winner	605-840-0373.....			169
Tripp	Jorgensen Land & Cattle, Ideal	605-842-3217.....		26	315

OATS

CDC ENDURE – CDC Endure oat is a white-hulled, spring oat developed by Dr Aaron Beattie, Crop Development Center, University of Saskatchewan and released in 2019. The line was tested as OT3087 in the Western Canadian Cooperative Oat Registration trials from 2015-2016. Parentage of CDC Endure is OT590/Dancer. CDC Endure has very high grain yields, excellent resistance to lodging, and high kernel weight and high plumps, CDC Endure consistently produces high Beta-glucan content and milling quality across all geographies and environments. CDC Endure is MR to Crown Rust, Susceptible to Stem Rust. CDC Endure has medium maturity. CDC Endure is tall, but has excellent straw strength and is rated VG for lodging resistance. CDC Endure is protected under the Plant Variety Protection Act.

County	Grower, Town	Telephone	F	R	C
Sully	Leesman Ranch, Blunt	605-280-6065			282

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 ...			341

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. 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.....		102	
		Millborn Seeds, Inc, Brookings			
Brookings		605-697-6306.....			841
Brown	LW Sales, Inc., Groton	605-397-8111.....			135

Campbell	Weisbeck & Sons, Herreid	605-437-2963.....	117
Charles Mix	Pharmco Industries, Platte	605-337-3374.....	483
Codington	B & L Ag Inc., Watertown	605-956-1389.....	868
Corson	Howe Seeds Inc., McLaughlin	605-823-4892..	133
Gregory	Norberg, Dean, Burke	605-830-2062.....	38
Haakon	Golden Willow Seeds Inc., Midland	605-843-2187.....	58
Hand	Chris Howard Ranch, Miller	605-204-0299....	320
Hughes	Dowling, Skyler, Pierre	605-222-9065	1656
Hyde	Leisinger, Matt, Highmore	605-852-2180.....	1198
Hyde	Mac's Corner Ag Supply, Highmore	605-870-1421.....	67
Kingsbury	Green Thumb Commodities, Oldham	605-482-8295.....	523
Lake	Mustang Seeds, Inc., Madison	605-256-6529 .	590
McPherson	Sid Feickert, Long Lake	605-380-1332.....	23
Out of State	Olsen Custom Farms, Hendricks	507-275-3176.....	860
Stanley	Sioux Nation, LLC, Ft. Pierre	605-223-2427..	1158
Tripp	Elevate Agronomics, Inc, Winner	605-840-0373	279
Tripp	Laprath Farms, Dallas	605-830-1401	296

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			27
Charles Mix	Pharmco Industries, Platte	605-337-3374.....			536
Corson	Howe Seeds Inc., McLaughlin	605-823-4892..			150
Gregory	Norberg, Dean, Burke	605-830-2062.....			131
Kingsbury	Green Thumb Commodities, Oldham	605-482-8295.....			152
McCook	Hofer, Cordell S., Salem	605-660-1582.....			83
McCook	Stiefvater, Kurt, Salem	605-360-1618.....			113
Stanley	Sioux Nation, LLC, Ft. Pierre	605-223-2427..			1370
Tripp	Jorgensen Land & Cattle, Ideal	605-842-3217..			546

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
Jones	Hespe Farm, Okaton	605-530-0247			170

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.....			154

REINS - Reins oats was developed and tested as I106-5433 by the Illinois Agricultural Experiment Station and released in 2015 to state Foundation Seed organizations. The pedigree of Reins is IL00-4827/Buckskin. The variety has early maturity, similar to Shelby 427, and is short in height. Reins has good lodging resistance. Reins is moderately susceptible to crown rust and is resistant to loose smut. Reins has good tolerance to BYDV. The variety has good test weight and grain protein percentage. Kernels of Reins are tan in color. Reins is protected under the Plant Variety Protection Act with the Title V certification option

County	Grower, Town	Telephone	F	R	C
Brookings	Millborn Seeds, Inc, Brookings	605-697-6306.....			80

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 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
Brookings	Foundation Seed Stocks, Brookings	605-688-5418.....	54		
Brookings	Millborn Seeds, Inc, Brookings	605-697-6306.....			319
Charles Mix	Pharmco Industries, Platte	605-337-3374.....			500

Codington	B & L Ag Inc., Watertown	605-956-1389.....	177
Day	Raap, Torre, Andover	605-216-2875	76
Dewey	Biegler, Alan, Timber Lake	605-865-3231	150
Gregory	Matucha, Lance, Burke	605-830-7810.....	40
Jerauld	MPM Certified Seed, Wess Springs	605-770-6537.....	468
Jones	Rankin & Sons Inc., Draper	605-280-2298	546
Kingsbury	Halls Seed, LLC., Arlington	605-690-3594.....	146
Kingsbury	Koehlmoos, Norman, DeSmet	605-854-3524..	82
Lake	Mustang Seeds, Inc., Madison	605-256-6529...	270
Out of State	Olsen Custom Farms, Hendricks	507-275-3176.....	711
Tripp	Laprath Farms, Dallas	605-830-1401	806

SADDLE – Saddle 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 SD120296 with the pedigree of Saber/SD060130. Saddle is an early maturing line, heading about 1 day earlier than Natty. Saddle is 1 inch taller than Horsepower. Saddle has high yield potential and average test weight. Saddle is resistant to smut and moderately resistant to BYDV. The variety is resistant to crown rust but is susceptible to stem rust. Lodging resistance is excellent. Saddle 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
Beadle	Gruenhagen, Jason, DeSmet	605-860-9959 ...			149
Codington	LaBolt Farmers Grain, Waverly	605-882-4095..			75

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. SD Buffalo 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
Aurora	Bosworth, Joe, White Lake	605-680-2462.....			38
Brookings	Hall, Nick, Arlington	605-203-1249			81
Brookings	Millborn Seeds, Inc, Brookings	605-697-6306			155
Codington	B & L Ag Inc., Watertown	605-956-1389.....			286
Day	Kuecker Seed Farm, Webster	605-345-3169..			220
Lake	Mustang Seeds, Inc., Madison	605-256-6529..			150
Pennington	Yardley & Co, Inc., Quinn	605-386-2375			178
Roberts	Koepe Seeds, Claire City	605-652-4529.....			85
Tripp	Elevate Agronomics, Inc, Winner	605-840-0373.....			214
Tripp	Jorgensen Land & Cattle, Ideal	605-842-3217.....			335

SD MOMENTUM – SD Momentum oat is a white-hulled, spring oat developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2023. The line was tested as SD170935 and is derived from the cross Hayden/MN11140. SD Momentum is similar to Goliath in maturity, height, test weight and forage dry matter yield with slightly lower forage quality. It is higher in yield with better straw strength. SD Momentum is resistant to crown rust and smut along with moderate resistance to barley yellow dwarf virus. Grain characteristics are acceptable for milling with a similar Beta-glucan level as Goliath. Plant Variety Protection Act 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.....	76		
Brookings	Millborn Seeds, Inc, Brookings	605-697-6306.....			63
Codington	Heuer, Allen, Summit	605-868-0914.....			40
Gregory	Norberg, Dean, Burke	605-830-2062.....			20
Haakon	Golden Willow Seeds Inc., Midland	605-843-2187.....			19
Hughes	Dowling, Skyler, Pierre	605-222-9065.....			40
Jones	Rankin & Sons Inc., Draper	605-280-2298....			70
Lake	Mustang Seeds, Inc., Madison	605-256-6529..			45
Stanley	Sioux Nation, LLC, Ft. Pierre	605-223-2427..			23
Tripp	Elevate Agronomics, Inc, Winner	605-840-0373.....			17
Tripp	Jorgensen Land & Cattle, Ideal	605-842-3217.....			32

SD TITAN – SD Titan oat is a white-hulled, spring oat developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2023. The line was tested as SD181245 and is derived from the cross MN11140/SD120638. SD Titan is one day earlier than Goliath in maturity, one inch shorter in height, and has a lower-than-average test weight. SD Titan is higher in yield and forage dry matter yield than Goliath. It is moderately resistant to crown rust, smut and barley yellow dwarf virus. Grain characteristics are not acceptable for milling but is an excellent choice for oat forage. Plant Variety Protection Act 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
Aurora	Bosworth, Joe, White Lake	605-680-2462.....			99
Brookings	Foundation Seed Stocks, Brookings	605-688-5418.....	31		
Corson	Howe Seeds Inc., McLaughlin	605-823-4892...			157
Deuel	Hidewood Ag, Brandt	605-690-8891.....			40
Jones	Rankin & Sons Inc., Draper	605-280-2298....			75
Lake	Mustang Seeds, Inc., Madison	605-256-6529..			56
Out of State	Olsen Custom Farms, Hendricks	507-275-3176.....			94
Pennington	Yardley & Co, Inc., Quinn	605-386-2375.....			65
Stanley	Sioux Nation, LLC, Ft. Pierre	605-223-2427..			23
Tripp	Elevate Agronomics, Inc, Winner	605-840-0373.....			20
Tripp	Laprath Farms, Dallas	605-830-1401.....			175

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....			134

STREAKER - Streaker is a hull-less (naked) spring oat developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2009. The line was tested as SD020301-20 and was selected from the cross ND950864/SD97781. Streaker is a multi-purpose hull-less variety that may be used for forage or grain. The yield and test weight of Streaker compared to Buff is higher. Streaker heads approximately one and a half days later and is three inches taller than Buff. Kernels have higher protein than Buff. Streaker is resistant to barley yellow dwarf virus (BYD) and smut. Streaker is moderately susceptible to crown rust. Streaker 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
Minnehaha	Bly Family Farms, LLC, Garretson	605-690-4563.....			45

MILLET, FOXTAIL

GOLDEN GERMAN – Golden German Foxtail Millet is a selection from material maintained and grown for over 80 years by J.J. Deschamps and his son David of Wray, Colorado. The origin of the seed is obscure, but Golden German is well known to farmers of the northeastern Colorado area by this name. Golden German was released in 1969 by Colorado State University Agricultural Experiment Station. Golden German is of medium height, ranging between 26” to 42”, depending on moisture conditions. Plants tiller well, and exhibit medium purpling of the culms, leaves, and heads in late summer. At maturity the purple color generally fades, leaving the entire plant tawny buff or gold colored. Well-matured seed is definitely golden in color, although immature seed may grade into an off-white. Spike length will vary 2” to 6” and the spike is moderately lobed. Bristles are 2 ¾ to 3” long. Both forage and grain yields are high. Maturity is slightly earlier than White Wonder. Four classes of certified seed are recognized (Breeder, Foundation, Registered and Certified).

County	Grower, Town	Telephone	F	R	C
Hyde	Mac's Corner Ag Supply, Highmore	605-870-1421.....			64

TRITICALE

641512175 (Brand Name: SURGE) – 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
Brookings	Millborn Seeds, Inc, Brookings	605-697-6306.....			X

841446398 (Brand Name: FLEX 719) - Flex 719 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.....		X	X
Tripp	Tritle, Carper, Cahill Homestead LLC, Winner	605-208-6116.....		X	X

934271498 (Brand Name: GUNNER) - Gunner 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.....			X
Corson	Howe Seeds Inc., McLaughlin	605-823-4892			X

946802617 (Brand Name: GAINER 154) - Gainer 154 is a semi-dwarf, awned, winter triticale developed by Northern Agri-Brands LLC. The line was tested as 154. The variety has early maturity. Plant color at boot stage is green. The flag leaf is not twisted and recurved. 946802617 is

mid-dense with fusiform shape. Seed is elliptical, slightly wrinkled, red colored with short 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 Gainer 154. 946802617 is protected under the Plant Variety Protection Act.

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

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..	128		

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
Corson	Howe Seeds Inc., McLaughlin	605-823-4892...	32		
Out of State	Cahill Seeds, Flaxville	406-783-5510		1624	

INDUSTRIAL HEMP

ANKA- Anka has good grain and outstanding straw yield. It has medium to tall height with medium branching. Anka also has medium to long internodes with green stem, green leaf color, medium leaf size and weak to medium intensity. Leaf anthocyanin is absent and male flower anthocyanin coloration is weak to medium. Anka has few hair on calyx.

County	Grower, Town	Telephone	F	R	C
Clark	Horizon Hemp Seeds, Clark	605-880-1266 ...			X

BIALOBRZESKIE- Bialobrzeskie is a tall hemp variety with good grain and fiber production characteristics. The variety was bred by the Institute of Natural Fibers and Medicinal Plants in Poznan, Poland. It grows tall and erect, with low lateral branching and is an ideal fiber variety. The

plants are monoecious, all plants have male and female flowers on them. Bialobrzieskie is suited for production above the 40th north parallel.

County	Grower, Town	Telephone	F	R	C
Out of State	International Hemp, Lake Worth	561-533-5533			X

CARMANECTA - Carmanecta is derived from Italian industrial hemp varieties which are suitable for textile fibers. The specific cannabis Sativa L variety has been procured from an Italian farmer who has been reproducing this variety in isolated open fields for many years. It was named in 2019. The variety has tall height with few branches. It also has long internodes with green stem, green leaf color, and medium leaf size and intensity. Both leaf anthocyanin and male flower anthocyanin is absent. Carmanecta has white hair on calyx, as well as medium seed size and shape. Seed classes recognized are Foundation, Registered, and Certified.

County	Grower, Town	Telephone	F	R	C
Out of State	International Hemp, Lake Worth	561-533-5533.....		X	

JURASSIC- Jurassic has tall height with few branches. It also has long internodes with green stem, green leaf color, and large leaf size and intensity. Both leaf anthocyanin and male flower anthocyanin is absent. Jurassic has hair on calyx, as well as medium to large seed size and oval shape.

County	Grower, Town	Telephone	F	R	C
Clark	Horizon Hemp Seeds, Clark	605-880-1266...			X

VEGA- Vega has excellent grain yield and medium height. It has short internodes with green stem, green leaf color, and medium leaf size and intensity. Leaf anthocyanin is absent and male flower anthocyanin coloration is weak. Vega has short, medium to sparse hairs on the calyx.

County	Grower, Town	Telephone	F	R	C
Clark	Horizon Hemp Seeds, Clark	605-880-1266...		X	

SEED GROWERS

Listed alphabetically by NAME

Abeln Farm, Inc.	605-397-2452
40344 134th Street, Groton, SD 57445	
Agtegra Cooperative	605-846-1280
115 N Hwy 273 PO Box 99, Kennebec, SD 57544	
B & L Ag Inc.	605-956-1389
1806 7th St NE, Watertown, SD 57201-8655	
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
23351 Cedar Butte Rd. PO Box 430, Wall, SD 57790-0430	
Bisgard Farms	605-881-3385
14920 444th Avenue, Waubay, SD 57273	
Bly Family Farms, LLC	605-690-4563
48687 257th St, Garretson, SD 57030	
Bosworth, Joe	605-680-2462
37644 252nd Street, White Lake, SD 57383	
Brandt Farms Inc.	605-520-0442
18013 470th Avenue, Clear Lake, SD 57226	
Broken Heart Ranch	605-999-1196
23268 383rd Avenue, Wess Springs, SD 57382	
Buschenfeld, Mark	605-690-6773
19379 472nd Avenue, Toronto, SD 57268	
Cahill Seeds	406-783-5510
669 Hwy 5, Flaxville MT, 59222	
Chris Howard Ranch	605-204-0299
19245 355th Avenue, Miller, SD 57362	
Christensen Grain Farm Part	605-730-2269
34517 252nd Street, Pukwana, SD 57370	
Cronin Farms	605-769-9898
16410 302nd Ave, Gettysburg, SD 57442	
Dowling, Sklyer	605-222-9065
20493 Pheasant Pl, Pierre, SD 57501	
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 Ave, 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	
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 Thumb Commodities	605-482-8295
21718 445th Avenue, PO Box J, Oldham, SD 57051-0018	
Gronseth, Wayne	605-770-6459
1428 Sawgrass Avenue, Mitchell, SD 57301	
Gruenhagen, Jason	605-860-9959
PO Box 472, DeSmet, SD 57231	
Hall, Nick	605-203-1249
20207 457th Avenue, Arlington, SD 57212	
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	
Hansum Brothers	605-680-1023
37315 275th Street, Platte, SD 57369	
Henglefelt, 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	
Hidewood Ag	605-690-8891
405 Washington Street PO Box 151, Brandt, SD 57218-0188	
Hofer, Cordell S.	605-660-1582
43665 257th Street, Salem, SD 57058	
Horizon Hemp Seeds	605-880-1266
18118 424th Ave, Clark, SD 57225	
Howe Seeds Inc.	605-823-4892
11198 272nd Avenue PO Box 496, McLaughlin, SD 57642	
Huber Farms	605-462-6392
27450 253rd Avenue, Parmelee, SD 57566	
International Hemp	561-533-5533
512 Lucerne Ave, Lake Worth, FL 33460	
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	
Koepple Seeds	605-652-4529
PO Box 64, Claire City, SD 57224-0064	

Kuecker Seed Farm	605-345-3169
14762 438th Avenue, Webster, SD 57274-6027	
Kuxhaus Farms	605-685-6004
28869 202nd Avenue, Martin, SD 57551	
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	
Laprath Farms	605-830-1401
29385 329th Ave., Dallas, SD 57529	
Leesman Ranch	605-280-6065
19607 315th Ave, Blunt, SD 57522	
Leisinger, Matt	605-852-2180
18451 338th Avenue, Highmore, SD 57345	
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	
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	
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	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	
Rothschadl, Justin	605-857-0359
29414 415th Avenue, Scotland, SD 57059-5113	
Schauer, Jim	605-439-3179
11698 363rd Avenue, Leola, SD 57456-6405	
Sid Feickert	605-380-1332
10635 Cedar Road, Long Lake, SD 57457	

Sioux Nation, LLC	605-223-2427
504 Deadwood St PO Box 452, Ft. Pierre, SD 57532	
Smith Farm	605-350-4296
41236 196th St., Yale, SD 57386	
Spieker, David	605-625-3685
19345 423rd Avenue, Willow Lake, SD 57278	
Stiefvater, Kurt	605-360-1618
25108 445th Avenue, Salem, SD 57058	
Stiegelmeier Farms	605-845-6034
13402 306th Avenue, Selby, SD 57472-5802	
Strand, Wade	605-770-8790
25798 409th Avenue, Mitchell, SD 57301-5801	
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	
Van Tassel, Ryan	605-441-5377
21304 238 Ave, Midland, SD 57552	
Vetter, Jeff	605-415-3375
1805 10th Ave, Belle Fourche, SD 57717	
Wedel, Brad	605-350-2923
19772 409th Avenue, Yale, SD 57386	
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, Albert Lea, MN 56007

Arrow Seed Co Inc.

Broken Bow, NE 68822

Barber Chemicals

30385 187th St, Platte, SD 57369

Elevate Agronomics, Inc.

27763 317th Ave, Winner, SD 57580

Fairway Seed

802 Depot St, Armour, SD 57313

Foothills Seed, Inc.

2323 S. Junction Avenue, 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

Helena Agri Enterprises

656 E Hwy 18 PO Box 325, Menno, SD 57045

Howe Seeds, Inc.

11198 272 Ave PO Box 496, McLaughlin, SD 57642

Jorgensen Land & Cattle

31250 265th St, Ideal, SD 57541

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

Reuman Ag, LLC

30403 SD Hwy 248, Presho, SD 57568

Seed Exchange

PO Box 247, Platte, SD 57369

Sioux Nation, LLC

PO Box 452, Ft Pierre, SD 57532

SD Crop Improvement Assn

2380 Research Park Way, Brookings, SD 57006

Turnis Farm Service

200 N Main, Platte SD 57369

Trask Family Seeds

21355 Elm Springs Rd, Wasta, SD 57791-7805

Approved Certified Seed Conditioners

The following seed conditioning plants have been approved for cleaning South Dakota Certified Seed for the 2024-2025 year:
(Sorted alphabetically by town)

NAME, TOWN, PHONE	CROPS ELIGIBLE TO CONDITION
Gene's Custom Grain Cleaning 1019 N 1st St Aberdeen , SD 57401 605-290-1236	Small Grains, Portable Cleaner
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 1250 E. King Avenue Chamberlain , SD 57325 605-234-5209 605-730-0624	Small Grains, Portable Cleaner
Koeppel Seeds PO Box 64 Claire City , SD 57224-0064 605-652-4529 605-742-4336	Buckwheat, Flax, Millet, Small Grains, Soybeans

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 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
Rix Farms Inc. 12960 406th Avenue Groton, SD 57445-5475	605-397-7118	Millet, Soybeans, Wheat
General Grain Cleaning 930 115th Avenue Southeast Hannaford, ND 58448	701-769-2300 800-797-3268	Dry Beans, Small Grains, Soybeans, Portable Cleaner
General Grain Cleaning #2 930 115th Avenue 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 Street - 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 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 200 3rd St PO Box 218 Jefferson, SD 57038	402-253-9162	Small Grains
Pharmco Industries 36704 252nd Street Kimball, SD 57355	605-778-6579 605-682-9175	Small Grains, Portable Cleaner
Mustang Seed Cleaning Plant 306 S. Washington PO Box 466 Madison, SD 57042	605-256-6529 605-270-7540	All Crops
Howe Seeds Inc. 11198 272nd Avenue PO Box 496 McLaughlin, SD 57642	605-823-4892 605-850-9805 605-845-8855	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	605-996-7533 605-770-8790	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 58356-0111	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 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 Avenue Sherman, SD 57030-2126	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 58576-0694	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 Hustead St Wall, SD 57790	605-441-7921	Field Peas, Millet, Safflower, Small Grains, Portable Cleaner
Sandal Seed Cleaning #2 703 Hustead 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 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
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 27768 317th Avenue Winner, SD 57580	605-842-0703	Small Grains, Portable Cleaner

Approved Bulk Retail Facilities

(Sorted alphabetically by town)

Wittler Farms 605-258-2431
205 Elevator Way P.O. Box 29 605-280-0152
Agar, SD 57520

H & H AgSolutions LLC 605-849-3454
421 - 5th Street S. 605-350-7242
Alpena, SD 57312

SS & H Ag Supplies Inc. 605-472-1020
12 W. Main 605-450-1131
Ashton, SD 57424

CBH Cooperative, Feed & Ag Services 605-723-3333
77 North 6th Avenue
Belle Fourche, SD 57717

Dakota Mill & Grain 605-892-2543
808 5th Avenue
Belle Fourche, SD 57717

Millborn Seeds, Inc 605-697-6306
2132 32nd Avenue 605-690-4159
Brookings, SD 57006

Agtegra Cooperative 605-352-7210
535 415th Avenue PO Box 113 605-350-4076
Carpenter, SD 57322

Nutrien Ag Solutions 605-563-2533
30195 SD Hwy 19
Centerville, SD 57014

Agtegra Cooperative 605-234-4230
250 West 249th Street
Chamberlain, SD 57325

Triplsher Seed Co 605-680-3508
24908 346th Ave
Chamberlain, SD 57325

Agri Partners Inc. 605-874-2550
47453 SD Hwy 22 605-695-9698
Clear Lake, SD 57226

CHS Farmer's Alliance 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 #1 RR Street PO Box 127 Dupree , SD 57623	605-365-5332 605-365-5331 800-564-0883
CHS River Plains 107 Turney Ave PO Box 276 Fairfax , SD 57335	605-654-2619 605-830-0848
Agtegra Cooperative 16253 355th Ave PO Box 69 Faulkton , SD 57438	605-598-6500
CHS River Plains 609 9th Avenue S. Faulkton , SD 57438	605-598-4532
CHS Farmer's Alliance 803 N Hwy 81 PO Box F Freeman , SD 57029	605-925-7424 605-648-3231 605-660-3371
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
CHS River Plains 503 North Potter Gettysburg , SD 57442-1029	605-765-2476 605-765-2498
Abeln Farm, Inc. 40344 134th Street Groton , SD 57445	605-397-2452

Agtegra Cooperative 32080 Hwy. 14 PO Box 3 Harrold, SD 57536	605-875-3375
Bollweg Farms 20210 322nd Avenue Harrold, SD 57536	605-875-3440 605-870-1725
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 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 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
Buy Rite Seed, LLC 35539 U.S. Hwy 14 Miller , SD 57362	605-853-2513 605-204-0217 605-870-2515 605-530-1895

Wilbur Ellis 609 14th St W. PO Box 414 Miller, SD 57362	605-853-2382 605-461-3292
CHS Farmer's Alliance 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
Barber Chemicals 30385 187th St PO Box 905 Onida, SD 57564	605-258-2708 605-380-0672
CHS River Plains 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
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 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
Agtegra Cooperative 1227 3rd Street East Redfield, SD 57469	605-472-0300
Wilbur Ellis 17150 US Highway 281 Redfield, SD 57469	605-472-2600

Revilla Farmers Elevator PO Box 98 Revilla , SD 57259-0098	605-623-4411
Agtegra Cooperative 13345 341st Avenue PO Box 138 Roscoe , SD 57471	605-287-4311
CHS River Plains 1510 3rd Avenue PO Box 323 Selby , SD 57472	605-649-7682
Stiegelmeier Farms 13402 306th Avenue Selby , SD 57472-5802	605-845-6034 605-649-7009
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 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
Leber Ag Service, LLC 308 Sally Ave, PO Box 107 Vale , SD 57788	605-456-2538
CHS Farmer's Alliance 310 W. Railroad St PO Box 159 Wagner , SD 57380	605-384-3671
Dakota Mill & Grain 111 2nd Ave Box 419 Wall , SD 57790	605-279-2261

Agtegra Cooperative PO Box 350 Wess Springs, SD 57382-0350	605-539-1555
Broken Heart Ranch 23268 383rd Avenue Wess Springs, SD 57382	605-999-1196 605-539-9615 605-350-0334
Wilbur Ellis 22888 U.S. Hwy 281 Wess Springs, SD 57382	605-539-0240 605-350-4538
CHS Farmer's Alliance 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 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
Agtegra Cooperative 20137 U.S. Hwy. 281 Wolsey, SD 57384	605-846-1340
CHS 47014 SD Hwy 44 Worthing, SD 57077	605-372-3700
Agtegra Cooperative 218 So. Main Yale, SD 57386	605-599-2911

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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 Britain)
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

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