

South Dakota Certified Seed

GROWER DIRECTORY

FALL 2025 /
SPRING 2026



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

STATE SEED CERTIFICATION BOARD

Kathy Mathiason, Brookings

Kyle Gustafson, Brookings

Steve Kuecker, Webster

Jonas Lynch, McLaughlin

Brenda Sievers, Pierre / SD Dept. of Ag

BOARD OF DIRECTORS SOUTH DAKOTA CROP IMPROVEMENT ASSOCIATION

Jess Sondgeroth, Platte, President

Steve Kuecker, Webster, Vice President

Kyle Gustafson, Brookings, Certification Manager

Larry Ymker, Armour

Laron Krause, Clear Lake

Jonas Lynch, McLaughlin

Ryan Van Tassel, Midland

Drew Reuman, Presho

Jesse Wittler, Onida

Fred Zenk, Webster

Trent Kubik, Winner

Joseph Cassady, Dean, CAFES

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.

Table of Contents

Approved Conditioners.....	31
Approved Bulk Retail Facilities.....	37
Barley.....	10
Chickpeas	26
Field Peas	27
Flax	10
Industrial Hemp	27
Millet.....	27
Oats.....	21
Rye.....	26
Pre-Variety Germplasm Certification for Native Grasses and Forbs.....	2
PVP List	8
Quality Assurance Program	3
Royalty or Seed Sales Fees on Varieties.....	7
Seed Growers	28
Tables on Variety Characteristics	4
Triticale.....	26
Wheat	
Hard Red Spring.....	10
Hard Red Winter	15

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.

David Leiseth, Hayti, 605-881-2132



**ORDER YOUR
NEW CERTIFIED
SEED TODAY!**

2025 CROP VARIETY DESCRIPTIONS													
HRS Wheat Variety Characteristics													
Variety	Origin	Year Release	Height Classification	Plant Height (in)	Straw Strength	Beards	Rel. Maturity (days)	Protein	FHB	Rust Reaction*			PVP**
										Stripe	Leaf	Stem	
AP Elevate	SYN	'25	Semi-Dwarf	29	Good	Yes	5	Medium	MR	--	MR	R	PVP-94 Title V
AP Dagr	SYN	'25	Semi-Dwarf	29	Medium	Yes	4	Medium-Low	MR	--	MR	MR	PVP-94 Title V
AP Murdock	SYN	'21	Semi-Dwarf	29"	Good	Yes	3	Medium-Low	MR	--	MR	MR	PVP-94 Title V
AP Revolution	SYN	'22	Semi-Dwarf	28"	Good	Yes	4	Medium	MR	--	MR	R	PVP-94 Title V
Ascend-SD	SD	'21	Semi-Dwarf	31"	Good	Yes	5	Medium	MR	--	MR	--	PVP-94 Title V
Brawn-SD	SD	'22	Medium	28"	Good	Yes	4	Medium	MR	--	MR	MR	PVP-94 Title V
Canon	LCS	'19	Semi-Dwarf	29"	Good	Yes	3	Medium	MR	MR	MR	MR	PVP-94
CP3555	WFU	'25	Medium	33"	Good-Medium	Yes	3	Medium	MR	MR	MR	MR	PVP-94 Title V
Driver	SD	'19	Medium	31"	Good	Yes	4	Medium	MR	--	MR	R	PVP-94 Title V
Enhance-SD	SD	'24	Medium	29"	Good	Yes	3	Medium-High	MR	--	MR	R	PVP*
LCS Boom	LCS	'22	Semi-Dwarf	30"	Very Good	Yes	3	Medium	R	R	MR	R	PVP-94
LCS Hammer AX	LCS	'22	Medium	29"	Good	Yes	--	Medium	MR	MR	MR	R	PVP-94
LCS Trigger	LCS	'15	Semi-Dwarf	31"	Good	Yes	7	Medium	MR	MS	MR	R	PVP-94
MN-Torgy	MN	'20	Semi-Dwarf	26"	Medium	Yes	5	Medium	MR	-	MR	R	PVP-94 Title V
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	'21	Semi-Dwarf	30"	Good	Yes	7	Medium	MR	MR	-	-	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, WFU: Winfield United													

HRW Wheat Variety Characteristics 2025

Variety	Owner	Year Rel	Rust Reaction*			Wheat Streak	Rel Heading 0-7	Straw Strength	Rel Height	Winter Hardness	Chaff Color	PVP
			Leaf	Stem	Stripe							
122016W (Brand Name: AP CLAIR)	AP	21	R	R	MS	MR-MS	Medium 3	Excellent	Short 27"	Excellent	White	PVP Title V
AP BALDY	AP	23	MR	MR	MS	MR	Medium 4	Excellent	Short 28"	Excellent	White	PVP Title V
AP BIGFOOT	AP	22	R	R	MS	MR	Early 0	Good	Short 27"	Good	White	PVP Title V
AP18 AX	AP	18	MS	MR	MR	MR	Early 0	Good	Short 27"	Good	White	PVP Title V
AP24 AX	AP	24	MS	MR	MR	MR	Med Early 3	Good	Short 28"	Good	White	PVP Title V
CP7017AX	WFLU	2017	MR	R	MR	MR	Early 0	Excellent	Short 27"	Excellent	White	PVP Title V
DRAPER	SD	19	MS	MR	MR	MR	Early 2	Excellent	Short 28"	Good-Excellent	White	PVP Title V
IDEAL	SD	11	MR	MR	S	MS	Medium 4	Excellent	Short 29"	Good	White	PVP title V
LCS HELIX	LCS	2019	R	R	R	MR	Med Early 3	Good Excellent	Medium	Good Excellent	White	PVP title V
LCS STEELE	LCS	2020	R	S	S	MR	Late 6	Excellent	Medium Tall	Excellent	white	PVP Title V
LYMAN	SD	08	MS	R	S	S	Early 2	Fair	Medium 31"	Good	White	PVP Title V
OAHE	SD	16	MS	MS	MR	MR	Medium 4	Good	Medium 31"	Good	White	PVP Title V
OVERLAND	NE/SD	07	MR	MR	S	MS	Medium 4	Good	Medium 30"	Excellent	White	PVP Title V
REDFIELD	SD	13	MS	MR	MS	S	Medium 4	Excellent	Short 28"	Good-Excellent	Brown	PVP Title V
SD ANDES	SD	20	MS	MS	R	MR-MS	Medium 4	Excellent	Short 29"	Excellent	Brown	PVP Title V
SD MIDLAND	SD	21	MS	MS	R	MR-MS	Medium 4	Excellent	Medium 31"	Excellent	Brown	PVP Title V
SD PHEASANT	SD	23	R	MS	MS-S	MR	Medium 3	Good	Medium 30"	Excellent	White	PVP Title V
SY MONUMENT	SYN/AP	14	MR	R	MR	MS	Early 2	Good	Short 27"	Good-Excellent	White	PVP Title V
SY WOLF	SYN/AP	11	R	MR	S	MR	Med Early 3	Excellent	Short 28"	Good-Excellent	White	PVP Title V
SY WOLVERINE	SYN/AP	19	MS	MR	MS	MS	Early 2	Excellent	Short 27"	Good-Excellent	White	PVP Title V
WINNER	SD	19	MR	MR	MR	MR	Early 2	Excellent	Short 29"	Good-Excellent	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

2025 Oat Variety Characteristics													
Variety	Origin	Year Rel	Grain Color	Test Weight	Rel Maturity (days)**	Hieght	Straw Strength	Protein	Red Leaf	Disease reaction *			
Deon	MN	'13	Yellow	Good	8	Tall	Good	Medium High	MS	R	MR	MR	
Goliath	SD	'12	White	Good	9	V. Tall	Good	Medium High	MR	MR	R	S	
Hayden	SD	'14	White	Good	8	Tall	Good	Medium	MR	R	MS	S	
Jerry	ND	'94	White	Good	4	Medium	Good	Medium High	MR	S	MS	S	No
Rushmore	SD	'19	White	V. Good	6	Medium	V Good	Medium High	MS	R	--	S	PVP-94 Title V
SD Buffalo	SD	'21	White	Good	6	Medium	V Good	Medium High	MR	R	--	S	PVP-94 Title V
SD Momentum	SD	23	White	V. Good	9	V. Tall	V. Good	Medium	MR	R	--	MR	PVP*
SD Ranger	SD	24	White	V. Good	7	Medium	Good	Medium	MR	R	--	MS	PVP*
SD Titan	SD	23	White	Good	8	V. Tall	V. Good	Medium High	MR	MR	--	R	PVP*
Shelby 427	SD	'09	White	V. Good	2	Medium Tall	V Good	Medium High	MR	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.													

2025 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 point of first 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 Bushel Charge	Winter Wheat	Per Bushel Charge
Advance	\$0.60	122016W (AP Clair)	\$0.10
Ambush	\$0.10	AP503CL	\$0.10
AP DAGR	\$0.10	AP Baldy	\$0.10
AP Iconic	\$0.10	AP Bigfoot	\$0.10
AP Gunsmoke	\$0.10	AP 18 AX	\$0.10
AP Elevate	\$0.10	AP 24 AX	\$0.10
AP Murdock	\$0.10	AP Sunbird	\$0.10
AP Revolution	\$0.10	Boost	\$0.60
Ascend-SD	\$0.60	CP7017 AX	\$0.10
Brawn-SD	\$0.60	CP7266 AX	\$0.10
Cannon	\$0.10	CP7909	\$0.10
CP3099A	\$0.10	Crescent AX	\$0.10
CP3188	\$0.10	Draper	\$0.60
CP3355	\$0.10	Ideal	\$0.60
Driver	\$0.60	Kivari AX	\$0.10
Enhance-SD	\$0.60	LCS Chrome	\$0.10
Forefront	\$0.60	LCS Helix AX	\$0.10
Lang-MN	\$0.75	LCS Steel AX	\$0.10
LCS Boom	\$0.10	MTF-1435	\$0.10
LCS Buster	\$0.10	Lyman	\$0.60
LCS Hammer AX	\$0.10	Oahe	\$0.60
LCS Trigger	\$0.10	Overland	\$0.60
MN-Torgy	\$0.75	Ray	\$1.25
Prevail	\$0.60	Redfield	\$0.60
Shelly	\$0.75	SD-Andes	\$0.60
Surpass	\$0.60	SD-Midland	\$0.60
SY Ingmar	\$0.10	SD-Pheasant	\$0.60
SY Valda	\$0.10	SD-Vivian	\$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
Oats	Per Bushel Charge	Viking 211	\$0.10
CDC Endure	\$0.10	WB4309	\$0.10
Colt	\$0.30	WB4422	\$0.10
Deon	\$0.25	WB4510CLP	\$0.10
Goliath	\$0.30	WB4540	\$0.10
Hayden	\$0.30	WB 4739 AX	\$0.10
Horsepower	\$0.30	WB Grainfield	\$0.10
Jerry	\$0.10	Wesley	\$0.10
MN-Pearl	\$0.25	Winner	\$0.60
Natty	\$0.30		
Reins	\$0.30	Peas/Lentils/Chickpeas	
Rushmore	\$0.30	CDC Inca	\$0.10
Saddle	\$0.30	CDC Invincible	\$0.10
SD Buffalo	\$0.30	CDC Maxim CL	\$0.10
SD Momentum	\$0.30	CDC Palmer	\$0.10
SD Ranger	\$0.30	New Hope	\$0.10
SD-Titan	\$0.30	Salamanca	\$0.10
Shelby 427	\$0.30		
Streaker	\$0.30		
Warrior	\$0.30	Millet	Per Bushel Charge
		Golden German	\$0.10
Barley	Per Bushel Charge		
ND-Genesis	\$0.75	Triticale	Per Bushel Charge
ND-Treasure	\$1.00	841446398 (FLEX 719)	\$0.10
Lacey	\$0.25	946802617 (GAINER 154)	\$0.10
Kodiak	\$1.50		
Hays	\$0.10	Rye	Per Bushel Charge
		KWS Serafino	\$0.10
Flax	Per Bushel Charge	ND Dylan	\$0.40
AAC Marvelous	\$0.10	ND Gardner	\$0.50
York	\$0.10		

2025 PLANT VARIETY PROTECTION

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

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

Certified Seed Only (CSO) - May not be saved for replanting under any circumstances

BARLEY	FIELD PEAS	OATS	SPRING WHEAT	SOYBEANS	WINTER WHEAT	MISCELLANEOUS
Conlon	Bluemoon**	BetaGene	Advance	Davison	122016W (Brand Name: AP CLAIR)	841446398 Triticale** (Brand Name: Flex 719)
Drummond	Bridger	CDC Endure	Ambush	Deuel	AP Baldy	946802617 Triticale** (Brand Name: GAINER 154)
Foster	CDC Amarillo**	Colt	AP Dagr*	Glacier	AP Bigfoot	934271498 Triticale** (Brand Name: GUNNER)
Lacey	CDC Inca	Deon	AP Elevate*	Granite	AP Sunbird*	641512175 Triticale** (Brand Name: SURGE)
ND Genesis	Cooper	Drumlin**	AP Gunsmoke CL2	Hamlin	AP18 AX#	879684836 Triticale** (Brand Name: Thor)
ND Treasure	Daytona**	Gem	AP Iconic*	Hendricks	AP24 AX*#	718 Triticale**
Rasmusson	DS-Admiral	Goliath	AP Murdock	MN1401	AP503 CL2	AAC Marvelous Flax**
Rawson	Durwood	Hi-Fi	AP Revolution	Sheyenne	Brawl CL Plus	Amrit Chickpea
Stockford	Flex**	Hayden	AP Smith	Spink	Carlisle	Cache Brome, Meadow
Stellar-ND	LG Amigo	Horsepower	AP Venom	Surge	CP7017 AX#	Carter Flax
Tradition	Mystique	MN-Pearl	Ascend-SD	Turner**	CP7050 AX#	Cardinal Safflower
Valer	Nette 2010	Morton**	Barlow		Crescent AX#	CCS-779 Radish
Vaquero	Salamanca	Natty	Bolles		Draper	CDC Frontier Chickpea**
Kodiak*	Spider	Newburg**	Boost		Expedition	CDC Invincible CL Lentil
	SW Marquee	Reins	Brawn-SD		Ideal	CDC Maxim CL Lentil
	SW Midas	Richard	Brick		Infinity CL	CDC Neela Flax**
	SW Salute	Rockford**	Briggs		Keldin	CDC Orion Chickpea**
Topoka		Rushmore	CP3555*		LCS Chrome**	CDC Palmer Chickpea**
Viper		Saddle	Driver		LCS Compass**	CDC Redberry Lentil
		Shelby 427	Elgin-ND		LCS Fusion AX#	Hycrest II Crested Wheatgrass
		Souris**	Enhance-SD*		LCS Helix AX#	Joppa Durum Wheat
		Stallion	Faller		LCS Mint	KWS Serafino Rye**
		SD Buffalo	Focus		LCS Photon AX#	Mondak Safflower
		SD Momentum*	Forefront		LCS Steel AX#	Montola 2003 Safflower
		SD Ranger*	Lang-MN		LCS TI 73	Morton Lentil**
		SD Titan*	LCS Albany		Lyman	ND Dylan Rye
		Streaker	LCS Boom**		MTF1435	ND Gardner Rye
		Warrior	LCS Breakaway		Oahe	ND Riveland Durum
			LCS Buster**		Overland	New Hope Chickpea
			LCS Cannon**		Ray	NutraSaff Safflower
			LCS Hammer AX#		Redfield	Pierce Durum Wheat

LCS Iguacu**	SD Andes
LCS Powerplay	SD Midland
LCS Rebel**	SD Pheasant*
LCS Trigger**	SD Vivian*
Linkert	Settler CL
MN-Torgy	SY 517 CL2
MS Chevelle**	SY Monument
MS Stingray**	SY Sunrise
Prevail	SY Wolf
Prosper	SY Wolverine
RB07	Thompson
Rollag	WB4059CLP***
Select	WB4309**#
Shelly	WB4422**#
Steele-NID	WB4462**#
Surpass	WB4510CLP**#
SY605 CL	WB4540*#
SY Ingmar	WB4614**#
SY McCloud	WB4623CLP**#
SY Rowyn	WB4721#
SY Rustler	WB4739 AX#
SY Soren	WB-Grainfield**
SY Valda	Winner
TCG-Spifire	
TCG-Wildfire	
Tom	
Velva	
WB9479#	
WB9590#	
WB9606**#	
WB9645**#	
WB9653 ***#	
WB9719#	
WB9879CLP#	
WB-Patron#	

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	Found	Registered	Cert
Jones	Hespe Farm, Okaton	605-530-0274			54

KODIAK - Kodiak is a spring, 2-row, hulled, hooded, dual purpose barley developed for feed and forage production. It is an F4 derived selection from Lavina by ND24260 cross made in 2015. 'Lavina' (MT981397), on of the top barley forage producers in Montana, is a two-row hooded spring barley and is a cross between 'Haybet' and 'Baronesse'. 'Haybet' (PI 533600) was developed by USDA-ARS and the Montana Experiment Station, while 'Baronesse' (PI 568246) was developed in Germany and both were released in 1989. ND24260 is an experimental line from North Dakota with the stay green phenotype. Kodiak tends to have earlier heading than Haymaker or Lavina, but heading date is similar to MT Cowgirl. Kodiak has similar height to Haymaker and Lavina, but is shorter than MT Cowgirl. Kodiak has higher grain yields compared to MT Cowgirl and Haymaker and equal to Lavina. Plant Variety Protection is anticipated. A royalty fee will be collected on all sales of Registered and Certified classes for seed purposes.

County	Grower, Town	Telephone	Found	Registered	Cert
Minnehaha	Dakota Grain Connection LLC, Dell Rapids	701-552-1300	X		

LACEY – High yielding variety with improved malting quality characteristics. It is a six-row, smooth awn, white aleurone variety with good kernel plumpness. Lacey is average height with good lodging resistance; resistance to spot blotch and is similar to Robust for scab reaction. Classified as a malting variety by AMBA. Released by Minnesota Agricultural Experiment Station in 2000.

County	Grower, Town	Telephone	Found	Registered	Cert
Spink,	SS & H Ag Supplies Inc., Ashton	605-472-1020.....			370

FLAX

AAC MARVELOUS - Brown flax with high yield, excellent standability, a strong disease package, and an indehiscent boll type that stands up to tough harvest conditions. AAC Marvelous is protected under the Plant Variety Protection Act.

County	Grower, Town	Telephone	Found	Registered	Cert
Corson	Howe Seeds Inc., McLaughlin	605-823-4892	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	Found	Registered	Cert
Spink	Nutrien Ag Solutions, Northville	605-887-3422			X

AP DAGR – AP Dagr is a hard red spring wheat bred and developed by Syngenta Seeds, Inc. in Berthoud, Colorado. It was tested as NP15DC10157605. It is primarily adapted to spring wheat production areas of northeast North Dakota, western Minnesota, and South Dakota. AP Dagr was selected for type, disease reaction, green leaf duration, test weight, yield and quality. AP Dagr has intermediate resistance to Fusarium head blight and foliar diseases. The certified classes of seed shall be Foundation, Registered, and Certified. Plant Variety Protection is anticipated.

County	Grower, Town	Telephone	Found	Registered	Cert
Day	Kuecker Seed Farm, Webster	605-345-3169		X	
Spink	Nutrien Ag Solutions, Northville	605-887-3422		X	
Stanley	Sioux Nation, LLC, Ft. Pierre	605-223-2427		X	
Sully	Wittler Seed Farm, Agar	605-280-0152		X	
Walworth	Stiegelmeier Farms, Selby	605-845-6034.....		X	

AP ELEVATE – AP Elevate is a hard red spring wheat bred and developed by Syngenta Crop Protection AG. It was tested as NP14DD10144609. AP Elevate is primarily adapted to spring wheat production areas of northeast North Dakota, western Minnesota, and South Dakota. It has a juvenile growth habit that is semi-erect. Plant color at boot stage is blue green. Flag leaf at boot stage is erect, twisted and waxy. Head shape is tapering, with mid-dense density and erect curvature. AP Elevate has intermediate resistance to Fusarium head blight and bacterial leaf streak. The certified classes of seed shall be Foundation, Registered, and Certified. Plant Variety Protection is anticipated.

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

AP ICONIC – AP Iconic is a hard red spring wheat bred and developed by Syngenta Crop Protection AG. It was tested as NP15DD10117405. It is primarily adapted to spring wheat production areas of northeast North Dakota, western Minnesota, and South Dakota. AP Iconic was selected for type, disease reaction, green leaf duration, test weight, yield and quality. AP Iconic has intermediate resistance to Fusarium head blight and foliar diseases. The certified classes of seed shall be Foundation, Registered, and Certified. Plant Variety Protection is anticipated. Grain production of AP Iconic may not be saved for replanting under any circumstances. Unauthorized Propagation Prohibited – To Be Sold By Variety Name Only As A Class Of Certified Seed – U.S. Protected Variety. – 1994 PVPA.

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

ASCEND-SD – Ascend-SD hard red spring wheat was developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2021. The variety was tested as SD4873 and was developed from the cross of Lang-MN/SD4389. Ascend-SD is a tall semi-dwarf variety, approximately 1” taller than Prevail and has excellent lodging resistance. Ascend-SD has medium-late maturity, one day later than Driver. Ascend-SD has adequate milling and baking characteristics, with average test weight and above average protein content. Ascend SD is protected under the Plant Variety Protec-

tion 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	Found	Registered	Cert
Codington	LaBolt Farmers Grain, Waverly	605-882-4095			120
Codington	Thyen Farms, Watertown	605-520-8159		18	409
Corson	Howe Seeds Inc., McLaughlin	605-823-4892			447
Day	Kuecker Seed Farm, Webster	605-345-3169			265
Deuel	Brandt Farms Inc., Clear Lake	605-520-0442			40
Dewey	Biegler, Alan, Timber Lake	605-865-3231			200
Gregory	Beck, Dan, Dallas	605-830-2882		96	
Haakon	Golden Willow Seeds Inc., Midland	605-843-2187			139
Jerauld	MPM Certified Seed, Wess Springs	605-770-6537		275	
Lyman	Reuman, Drew, Presho	605-280-5330			76
Out of State	Olsen Custom Farms, Hendricks	507-275-3176			152
Potter	CC - Acres (Cronin Farms), Gettysburg	605-769-9898			742
Potter	Lake, John & Austin, Gettysburg	605-765-9547		25	
Potter	REH Farms Inc., Gettysburg	605-765-9552		27	218
Roberts	Koeppel Seeds, Claire City	605-652-4529			75
Spink	Rahm Seed Cleaning, Turton	605-897-6623		60	176
Tripp	Jorgensen Land & Cattle, Ideal	605-842-3217		26	156

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. Brawn-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	Found	Registered	Cert
Codington	Thyen Farms, Watertown	605-520-8159		25	27
Deuel	K & K Farms Inc., Clear Lake	605-874-2322		35	62
Lyman	Reuman, Drew, Presho	605-280-5330			195
Pennington	Eisenbraun, Tyrel, Wall	605-685-3686			635
Potter	REH Farms Inc., Gettysburg	605-765-9552		28	230
Spink	Rahm Seed Cleaning, Turton	605-897-6623			90
Walworth	Fiedler Farms Inc., Selby	605-649-6280			282
Walworth	Jfrey Inc., Mobridge	605-848-1486		80	

CROPLAN CP3555 - CROPLAN CP3555 was released in 2025. It was tested as NP15DC10156612. It is primarily adapted across the northern plains of MN, ND, and SD. It was selected based on type, disease, Greenleaf duration, test weight, yield and quality. The certified classes of seed shall be Foundation, Registered, and Certified. Plant Variety Protection is anticipated.

County	Grower, Town	Telephone	Found	Registered	Cert
Sully	Barber, Ken, Onida	605-258-2708	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 charac-

teristics, 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	Found	Registered	Cert
Corson	Howe Seeds Inc., McLaughlin	605-823-4892			189
Tripp	Jorgensen Land & Cattle, Ideal	605-842-3217			288

ENHANCE-SD - Enhance-SD hard red spring wheat was developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2024. The variety was tested as SD4905 and was developed from the cross of SD4576/Prevail. Enhance-SD is not known to possess dwarfing genes and is similar in height to Prevail with good lodging resistance. Heading date of Enhance-SD is early to medium; one day later than Surpass and 1.5 days earlier than Brawn-SD. Enhance-SD has adequate milling and baking characteristics, with above average test weight and protein content. 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	Found	Registered	Cert
Brookings	Foundation Seed Stocks, Brookings	605-688-5418.....	36		
Codington	Thyen Farms, Watertown	605-520-8159		17	
Corson	Howe Seeds Inc., McLaughlin	605-823-4892		154	
Day	Hansmeier & Son, Bristol	605-492-3611.....		385	
Edmunds	Eisenbeisz Farms, Bowdle	605-285-6738		56	
Jerauld	MPM Certified Seed, Wess Springs	605-770-6537		176	
Lyman	Reuman, Drew, Presho	605-280-5330		17	
Pennington	Bielmaier Farms, Wall	605-279-2841		67	
Potter	Lake, John & Austin, Gettysburg	605-765-9547		26	
Potter	REH Farms Inc., Gettysburg	605-765-9552.....		21	
Roberts	Koeppel Seeds, Claire City	605-652-4529.....		36	
Spink	Rahm Seed Cleaning, Turton	605-897-6623		60	
Sully	Wittler Seed Farm, Agar	605-280-0152		53	
Tripp	Jorgensen Land & Cattle, Ideal	605-842-3217		19	
Walworth	Jfrey Inc., Mobridge	605-848-1486		100	

LCS BOOM - LCS Boom is a hard red spring wheat was developed by and released by Limagrain Cereal Seeds. The variety was tested as LARR19-0024. LCS Boom was tested and selected in disease nurseries located in Canada, focusing on major diseases such as FHB, stripe rust, leaf rust, stem rust, and common bunt. The variety was extensively evaluated across years and locations for end use quality including traits such as protein content, milling performance, starch quality, gluten strength, gluten extensibility, and baking performance. LCS Boom has protection under the Plant Variety Protection Act.

County	Grower, Town	Telephone	Found	Registered	Cert
Sully	Barber, Ken, Onida	605-258-2708.....		X	X

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. Grain production of LCS Hammer AX may not be saved for replanting under any circumstances. Unauthorized Propagation Prohibited – To Be Sold By Variety Name Only As A Class Of Certified Seed – U.S. Protected Variety. – 1994 PVPA

County	Grower, Town	Telephone	Found	Registered	Cert
Stanley	Sioux Nation, LLC, Ft. Pierre	605-223-2427		X	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	Found	Registered	Cert
Sully	Barber, Ken, Onida	605-258-2708		X	X
Walworth	Fiedler Farms Inc., Selby	605-649-6280			X

MN-TORGY - MN-Torgy hard red spring wheat was developed and released by the University of Minnesota in 2020. The variety, tested as MN14105-7, is a medium maturing, semi-dwarf. The heading date of MN-Torgy is similar to MN-Washburn and Prosper. It is about an inch shorter than Bolles with similar straw strength. The head is tapering, mid-dense and inclined. Glume shoulders are rounded and wide. The head is awned and white at maturity. The seed shape is ovate, with angular cheeks and medium brush length. MN-Torgy has good test weight and excellent protein. The variety is moderately resistant to scab and bacterial leaf streak. It is moderately resistant to prevalent races of leaf rust. MN-Torgy has good baking quality. Released by the Minnesota Agricultural Experiment Station, a royalty fee will be collected on all sales of Registered and Certified classes for seed purposes. MN-Torgy is protected under the Plant Variety Protection act with the Title V certification option.

County	Grower, Town	Telephone	Found	Registered	Cert
Campbell	Weisbeck & Sons, Herreid	605-850-1806			106
Codington	Thyen Farms, Watertown	605-520-8159		20	92
Corson	Howe Seeds Inc., McLaughlin	605-823-4892			586
Day	Bisgard Farms, Waubay	605-881-3385			129
Day	Hansmeier & Son, Bristol	605-492-3611		260	220
Deuel	K & K Farms Inc., Clear Lake	605-874-2322		40	102
Edmunds	Eisenbeisz Farms, Bowdle	605-285-6738		40	385
Hughes	Bollweg Farms, Harrold	605-875-3440			154
Spink	Rahm Seed Cleaning, Turton	605-897-6623			140
Walworth	Fiedler Farms Inc., Selby	605-649-6280			503

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	Found	Registered	Cert
Edmunds	Eisenbeisz Farms, Bowdle	605-285-6738			330
Spink	Rahm Seed Cleaning, Turton	605-897-6623			140

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	Found	Registered	Cert
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
Sully	Wittler Seed Farm, Agar	605-280-0152			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. Grain production of WB9606 may not be saved for replanting under any circumstances. Unauthorized Propagation Prohibited – To Be Sold By Variety Name Only As A Class Of Certified Seed.

County	Grower, Town	Telephone	Found	Registered	Cert
Sully	Shepherd Seed Company, Onida	605-280-9058			X

WB9645 - WB9645 is a hard red spring wheat, bred and developed by Bayer CropScience in 2023. It is marketed in the Northern Plains and Montana regions of the U.S. 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. Grain production of WB9645 may not be saved for replanting under any circumstances. Unauthorized Propagation Prohibited – To Be Sold By Variety Name Only As A Class Of Certified Seed.

County	Grower, Town	Telephone	Found	Registered	Cert
Sully	Shepherd Seed Company, Onida	605-280-9058			X
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 is marketed in the Northern Plains region of the U.S. 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 with the Title V certification. Grain production of WB9719 may not be saved for replanting under any circumstances. Unauthorized Propagation Prohibited – To Be Sold By Variety Name Only As A Class Of Certified Seed – U.S. Protected Variety. – 1994 PVPA

County	Grower, Town	Telephone	Found	Registered	Cert
Sully	Shepherd Seed Company, Onida	605-280-9058			X

HRW WHEAT

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	Found	Registered	Cert
Lyman	Herman Agri Inc., Presho	605-869-2304			X

AP SUNBIRD - AP Sunbird is a hard red winter wheat bred and developed by Syngenta Crop Protection AG and released in 2024. The variety was tested as CP16CW3388#011, and was selected for height, maturity, green leaf duration, and disease reaction in yield and disease test plots. AP Sunbird has semi-erect juvenile growth habits, and the boot leaf color is blue-green. Flag leaf is erect, twisted, and waxy. Spikes on the head are tapering, mid-dense, and inclined. The certified classes of seed shall be Foundation, Registered, and Certified. Variety protection under Plant Variety Protection (PVP) act is anticipated.

County	Grower, Town	Telephone	Found	Registered	Cert
Pennington	Yardley & Co, Inc., Quinn	605-386-2375		X	
Sully	Wittler Seed Farm, Agar	605-280-0152		X	
Walworth	Stiegelmeier Farms, Selby	605-845-6034.....		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. Grain production of AP18 AX may not be saved for replanting under any circumstances. Unauthorized Propagation Prohibited – To Be Sold By Variety Name Only As A Class Of Certified Seed – U.S. Protected Variety. – 1994 PVPA

County	Grower, Town	Telephone	Found	Registered	Cert
Stanley	Sioux Nation, LLC, Ft. Pierre	605-223-2427			X
Sully	Wittler Seed Farm, Agar	605-280-0152		X	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. Grain production of AP24 AX may not be saved for replanting under any circumstances. Unauthorized Propagation Prohibited – To Be Sold By Variety Name Only As A Class Of Certified Seed.

County	Grower, Town	Telephone	Found	Registered	Cert
Hand	Nelson's HB Seed, Miller	605-853-3025			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

CP7017 AX - CROPLAN CP7017AX was released in 2020. It is a CoAXium product that is later flowering but with a fast grain fill making it a medium maturity product. It is a shorter plant type with good standability and strong resistance to Stem Rust and FHB. Grain production of CP7017 AX may not be saved for replanting under any circumstances. Unauthorized Propagation Prohibited – To Be Sold By Variety Name Only As A Class Of Certified Seed – U.S. Protected Variety. – 1994 PVPA

County	Grower, Town	Telephone	Found	Registered	Cert
Brule	Christensen Grain Farm Part., Pukwana	605-730-2269		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	Found	Registered	Cert
Haakon	Van Tassel, Ryan, Midland	605-441-5377			145

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. Grain production of LCS Helix AX may not be saved for replanting under any circumstances. Unauthorized Propagation Prohibited – To Be Sold By Variety Name Only As A Class Of Certified Seed – U.S. Protected Variety. – 1994 PVPA.

County	Grower, Town	Telephone	Found	Registered	Cert
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	X

LCS STEEL AX – 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. Grain production of LCS Steel AX may not be saved for replanting under any circumstances. Unauthorized Propagation Prohibited – To Be Sold By Variety Name Only As A Class Of Certified Seed – U.S. Protected Variety. – 1994 PVPA

County	Grower, Town	Telephone	Found	Registered	Cert
Pennington	Eisenbraun, Tyrel, Wall	605-685-3686.....			X
Sully	Barber, Ken, Onida	605-258-2708.....			X

MTF1435 – 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. A research fee will be assessed on seed sold. MTF1435 is protected under the Plant Variety Protection Act with the Title V certification option.

County	Grower, Town	Telephone	Found	Registered	Cert
Haakon	Golden Willow Seeds Inc., Midland	605-843-2187			129
Tripp	Elevate Agronomics, Inc, Winner	605-840-0373.....			89

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

County	Grower, Town	Telephone	Found	Registered	Cert
Butte	Vetter, Jeff, Belle Fourche	605-415-3375			30

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	Found	Registered	Cert
Bennett	Kuxhaus Farms, Martin	605-685-6004.....			135
Bon Homme	Rothschadl, Justin, Scotland	605-857-0359			78
Brookings	Foundation Seed Stocks, Brookings	605-688-5418.....	33		
Charles Mix	Hansum Brothers, Platte	605-680-1023.....			385
Charles Mix	Pharmco Industries, Platte	605-337-3374.....			135
Corson	Howe Seeds Inc., McLaughlin	605-823-4892			79
Davison	Lorang, Nick, Mt. Vernon	605-770-5794.....			275
Day	Hansmeier & Son, Bristol	605-492-3611.....		533	
Hanson	Henglefeldt, Glen, Alexandria	605-227-4535			87
Potter	REH Farms Inc., Gettysburg	605-765-9552.....		30	312
Tripp	Elevate Agronomics, Inc, Winner	605-840-0373.....			183

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	Found	Registered	Cert
Jerauld	Broken Heart Ranch, Wess Springs	605-999-1196			122
Spink	Rahm Seed Cleaning, Turton	605-897-6623			155
Tripp	Elevate Agronomics, Inc, Winner	605-840-0373		20	113
Tripp	Jorgensen Land & Cattle, Ideal	605-842-3217		19	26

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	Found	Registered	Cert
Charles Mix	Pharmco Industries, Platte	605-337-3374			105
Davison	Lorang, Nick, Mt. Vernon	605-770-5794			155
Haakon	Golden Willow Seeds Inc., Midland	605-843-2187			145
Haakon	Hand Brothers Partnership, Midland	605-567-3397			613
Jerauld	MPM Certified Seed, Wess Springs	605-770-6537			468
Jerauld	Swenson Partnership, Wess Springs	605-354-1930		336	
Pennington	Bielmaier Farms, Wall	605-279-2841		75	
Potter	REH Farms Inc., Gettysburg	605-765-9552		23	
Spink	Rahm Seed Cleaning, Turton	605-897-6623			155
Sully	Wittler Seed Farm, Agar	605-280-0152			280
Tripp	Jorgensen Land & Cattle, Ideal	605-842-3217		19	48

SY 517 CL2 – SY 517 CL2 is a hard red winter wheat bred and developed by Syngenta Crop Protection AG. It contains two genes conferring tolerance to the BASF herbicides ‘Beyond’ or ‘Clearfield’. 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	Found	Registered	Cert
Pennington	Yardley & Co, Inc., Quinn	605-386-2375			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	Found	Registered	Cert
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	Grower, Town	Telephone	Found	Registered	Cert
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	Found	Registered	Cert
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

WB 4739AX – WB4739AX is a hard red winter wheat variety with the CoAXium herbicide trait for grass weed control. Suited for the central regions, this variety has very good yield potential, drought tolerance and test weight. Good for fall grazing potential, but manage for Fusarium head blight (scab). Grain production of WB 4739AX may not be saved for replanting under any circumstances. Unauthorized Propagation Prohibited – To Be Sold By Variety Name Only As A Class Of Certified Seed – U.S. Protected Variety. – 1994 PVPA

County	Grower, Town	Telephone	Found	Registered	Cert
Sully	Shepherd Seed Company, Onida	605-280-9058			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. Grain production of WB4422 may not be saved for replanting under any circumstances. Unauthorized Propagation Prohibited – To Be Sold By Variety Name Only As A Class Of Certified Seed.

County	Grower, Town	Telephone	Found	Registered	Cert
Sully	Shepherd Seed Company, Onida	605-280-9058.....			X
Tripp	Elevate Agronomics, Inc, Winner	605-840-0373.....			X
Walworth	Stiegelmeier Farms, Selby	605-845-6034.....	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. Grain production of WB4540 may not be saved for replanting under any circumstances. Unauthorized Propagation Prohibited – To Be Sold By Variety Name Only As A Class Of Certified Seed.

County	Grower, Town	Telephone	Found	Registered	Cert
Sully	Shepherd Seed Company, Onida	605-280-9058.....			X
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	Found	Registered	Cert
Bon Homme	Rothschadt, Justin, Scotland	605-857-0359		23	75
Charles Mix	Pharmco Industries, Platte	605-337-3374.....			247
Codington	Thyen Farms, Watertown	605-520-8159		37	176
Davison	Lorang, Nick, Mt. Vernon	605-770-5794			302
Gregory	TDK Partnership, Fairfax	605-654-2812		181	
Lyman	Herman Agri Inc., Presho	605-869-2304			228
Stanley	Sioux Nation, LLC, Ft. Pierre	605-223-2427			563
Tripp	Elevate Agronomics, Inc, Winner	605-840-0373.....		25	149
Tripp	Jorgensen Land & Cattle, Ideal	605-842-3217		35	442

OATS

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	Found	Registered	Cert
Brookings	Millborn Seeds, Inc, Brookings	605-697-6306			1766
Campbell	Weisbeck & Sons, Herreid	605-850-1806			70
Charles Mix	Pharmco Industries, Platte	605-337-3374			238
Codington	B & L Ag Inc., Watertown	605-956-1389			191
Corson	Howe Seeds Inc., McLaughlin	605-823-4892			152
Haakon	Golden Willow Seeds Inc., Midland	605-843-2187			101
Hughes	Dowling, Skyler, Pierre	605-222-9065			635
Hyde	Leisinger, Matt, Highmore	605-852-2180			2056
Hyde	Mac's Corner Ag Supply, Highmore	605-870-1421			66
Jerauld	MPM Certified Seed, Wess Springs	605-770-6537			1320
Kingsbury	Green Thumb Commodities, Oldham	605-482-8295			153
Kingsbury	Halls Seed, LLC., Arlington	605-690-3594			74
Lake	Mustang Seeds, Inc., Madison	605-256-6529			140
McPherson	Feickert, Sid, Long Lake	605-380-1332			55
Potter	Vogel and Sautner Farms, Hoven	605-765-4137			30
Stanley	Sioux Nation, LLC, Ft. Pierre	605-223-2427			571

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 is a multi-purpose variety that may be used for forage or grain. 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	Found	Registered	Cert
Bon Homme	Bauder, Sean, Tyndall	605-670-9186			32
Charles Mix	Pharmco Industries, Platte	605-337-3374			121
Corson	Howe Seeds Inc., McLaughlin	605-823-4892			56
Gregory	Norberg, Dean, Burke	605-830-2062			35
McCook	Hofer, Cordell S., Salem	605-660-1582			75
Tripp	Jorgensen Land & Cattle, Ideal	605-842-3217			154
Walworth	Stiegelmeier Farms, Selby	605-845-6034			153

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	Found	Registered	Cert
Jones	Hespe Farm, Okaton	605-530-0274			200
Jones	Roghair, Henry Glen, Okaton	605-669-2819		102	
Jones	Roghair, Raymond, Okaton	605-669-2248		110	

REINS - Reins oats was developed and tested as IL06-5433 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. A royalty fee will be collected on all sales of Registered and Certified classes for seed purposes.

County	Grower, Town	Telephone	Found	Registered	Cert
Brookings	Millborn Seeds, Inc, Brookings	605-697-6306			101

RUSHMORE – Rushmore oat is a white-hulled, spring oat developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2019. The line was tested as SD140515 with the pedigree of SD080015//SD0070110/SD060130. Rushmore is a multi-purpose variety that may be used for forage or grain. It 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 excellent test weight. The variety is moderately resistant to BYDV and smut but susceptible to crown rust. 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	Found	Registered	Cert
Brookings	Foundation Seed Stocks, Brookings	605-688-5418.....	73		
Brookings	Millborn Seeds, Inc, Brookings	605-697-6306			237
Codington	B & L Ag Inc., Watertown	605-956-1389.....			360
Gregory	Matucha, Lance, Burke	605-830-7810.....			71
Hamlin	Leiseth, Paul, Hazel	605-628-2099.....			152
Kingsbury	Koehlmoos, Norman, DeSmet	605-203-0809.....			50
Kingsbury	Rottluff, Karie, Oldham	605-695-0455			25
Out of State	Olsen Custom Farms, Hendricks	507-275-3176.....			595
Spink	Frericks, Stacey, Ashton	605-460-0887			43

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, but is susceptible to stem rust and crown 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	Found	Registered	Cert
Codington	LaBolt Farmers Grain, Waverly	605-882-4095			127

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 Hayden. 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 susceptible to crown rust but moderately resistant to 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	Found	Registered	Cert
Aurora	Bosworth, Joe, White Lake	605-680-2462			60
Brookings	Millborn Seeds, Inc, Brookings	605-697-6306			210
Codington	B & L Ag Inc., Watertown	605-956-1389.....			200
Roberts	Koeppel Seeds, Claire City	605-652-4529.....			21

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. Compared to Goliath, it is higher in grain 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	Found	Registered	Cert
Brookings	Hall, Nick, Arlington	605-203-1249			85
Campbell	Vander Vorst, Chad, Pollock	701-471-1411.....			31
Codington	B & L Ag Inc., Watertown	605-956-1389.....			91
Codington	Heuer, Allen, Summit	605-868-0914.....			39
Deuel	Tvedt, Ron, Brandt	605-880-5383.....			20
Gregory	Norberg, Dean, Burke	605-830-2062.....			336
Hughes	Dowling, Skyler, Pierre	605-222-9065			958
Jones	Rankin & Sons Inc., Draper	605-280-2298			920
Lake	Mustang Seeds, Inc., Madison	605-256-6529			486
Potter	Vogel and Sautner Farms, Hoven	605-765-4137			31
Spink	Frericks, Stacey, Ashton	605-460-0887.....			44
Tripp	Elevate Agronomics, Inc, Winner	605-840-0373.....			423
Tripp	Jorgensen Land & Cattle, Ideal	605-842-3217			128
Tripp	Tritle, Carper, Cahill Homestead LLC, Winner	605-208-6116			267

SD RANGER - SD Ranger is a white hulled oat cultivar released by the south Dakota Agricultural Experiment station in 2024. SD Ranger is derived from the cross SD150160/SD150081. Heading for SD Ranger occurs approximately one day later than Rushmore and one day earlier than Hayden. Plant height and lodging resistance are like Hayden. SD Ranger is resistant to smut, moderately resistant to moderately susceptible to crown rust, and moderately tolerant to barley yellow dwarf virus. SD Ranger has excellent yield potential and good test weight. SD Ranger has a high proportion of plump kernels. It is acceptable for milling but it has low beta-glucan concentration. 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	Found	Registered	Cert
Brookings	Foundation Seed Stocks, Brookings	605-688-5418.....	94		
Brookings	Millborn Seeds, Inc, Brookings	605-697-6306			25
Charles Mix	Pharmco Industries, Platte	605-337-3374.....			82
Clark	Spieker, David, Willow Lake	605-625-3685.....			33
Corson	Howe Seeds Inc., McLaughlin	605-823-4892			125
Day	Kuecker Seed Farm, Webster	605-345-3169			145
Day	Raap, Torre, Andover	605-216-2875			17
Deuel	Hidewood Ag, Brandt	605-690-8891.....			39
Hughes	Dowling, Skyler, Pierre	605-222-9065			55
Jones	Rankin & Sons Inc., Draper	605-280-2298			96
Pennington	Bielmaier Farms, Wall	605-279-2841.....			102
Stanley	Sioux Nation, LLC, Ft. Pierre	605-223-2427			150
Tripp	Jorgensen Land & Cattle, Ideal	605-842-3217			33

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 MN1140/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 grain 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	Found	Registered	Cert
Aurora	Bosworth, Joe, White Lake	605-680-2462			128
Aurora	Kirsch Farms, White Lake	605-337-9658			168
Brookings	Foundation Seed Stocks, Brookings	605-688-5418	30		
Corson	Howe Seeds Inc., McLaughlin	605-823-4892			156
Kingsbury	Koehlmoos, Norman, DeSmet	605-203-0809			42
Lake	Mustang Seeds, Inc., Madison	605-256-6529			180
Out of State	Olsen Custom Farms, Hendricks	507-275-3176			85
Tripp	Elevate Agronomics, Inc, Winner	605-840-0373			339

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	Found	Registered	Cert
Deuel	Buschenfeld, Mark, Toronto	605-690-6773			151

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. 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	Found	Registered	Cert
Corson	Howe Seeds Inc., McLaughlin	605-823-4892			40
Minnehaha	Bly Family Farms, LLC, Garretson	605-690-4563			43
Minnehaha	Eliason, Carl, Renner	605-351-3557		26	

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

County	Grower, Town	Telephone	Found	Registered	Cert
Lake	Mustang Seeds, Inc., Madison	605-256-6529			115

RYE

ND DYLAN- ND Dylan rye, tested as DR02, was developed by the North Dakota Agricultural Experiment Station and released in the fall 2016 by the NDSU Research Foundation. ND Dylan resulted from an open pollinated selection in a composite cross of several commercial winter rye varieties. The composite population originated from the commercial varieties: Musketeer, Prima, AC Rifle, Warko, Rymin, Hancock and Spooner. ND Dylan is very winter hardy. It is a tall variety, 2.5 inches taller than Rymin and 2 inches taller than Dacold. ND Dylan reaches heading one day later than Rymin and six days earlier than Dacold. It has good lodging resistance and good test weight. ND Dylan is susceptible to stem rust. ND Dylan is protected under the U.S. Plant Variety Protection Act with the Title V certification option. A royalty fee will be collected on all sales of Registered and Certified classes for seed purposes.

County	Grower, Town	Telephone	Found	Registered	Cert
Roberts	Koepe Seeds, Claire City	605-652-4529.....			100

ND GARDNER - ND Gardner is an early tall variety with very good winter hardiness and good early season vigor. These attributes make it a good candidate for the rapidly growing cover crop market. A variety intended to be used mainly for the cover crop/forage market. ND Gardner is also a candidate for forage use. Developed by North Dakota Agricultural Experiment Station. PVP(94) Title V. A royalty fee will be collected on all sales of Registered and Certified classes for seed purposes.

County	Grower, Town	Telephone	Found	Registered	Cert
Harding	Hewson, Odis, Buffalo	605-641-3186			25

TRITICALE

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	Found	Registered	Cert
Brookings	Millborn Seeds, Inc, Brookings	605-697-6306			X
Tripp	Tritle, Carper, Cahill Homestead LLC, Winner	605-208-6116			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	Found	Registered	Cert
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	Found	Registered	Cert
Corson	Howe Seeds Inc., McLaughlin	605-823-4892	X		

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	Found	Registered	Cert
Corson	Howe Seeds Inc., McLaughlin	605-823-4892	162		
Out of State	Jelinek Custom Cleaning, Alliance	308-313-5222			2493

PEAS FIELD

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

County	Grower, Town	Telephone	Found	Registered	Cert
Edmunds	Malsam Farms, Inc., Roscoe	605-380-7832			X

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	Found	Registered	Cert
Hyde	Mac's Corner Ag Supply, Highmore	605-870-1421			61

INDUSTRIAL HEMP

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	Found	Registered	Cert
Clark	Horizon Hemp Seeds, Clark	605-880-1266			X

SEED GROWERS

Past Three Years

Listed alphabetically by NAME

Abeln Farm, Inc. , 40344 134th Street, Groton, SD 57445	605-397-2452
Ag Performance, Inc. , 710 N Main St PO Box 520, Buffalo Center, IA 50424	641-562-2370
Agri Partners Inc. , 47453 SD Hwy 22, Clear Lake, SD 57226	605-874-2550
Agtegra Cooperative , 115 N Hwy 273 PO Box 99, Kennebec, SD 57544	605-846-1280
B & L Ag Inc. , 1806 7th St NE, Watertown, SD 57201-8655	605-956-1389
Barber, Ken , 30385 187th St PO Box 905, Onida, SD 57564	605-258-2708
Bauder, Sean , 41814 298th Street, Tyndall, SD 57066	605-670-9186
Beck, Dan , 29721 331 Ave., Dallas, SD 57529	605-830-2882
Biegler, Alan , PO Box 188, Timber Lake, SD 57656-0188	605-865-3231
Bielmaier Farms , 23351 Cedar Butte Rd. PO Box 430, Wall, SD 57790-0430	605-279-2841
Bisgard Farms , 14920 444th Avenue, Waubay, SD 57273	605-881-3385
Bly Family Farms, LLC , 48687 257th St, Garretson, SD 57030	605-690-4563
Boerner, Russ , 27095 322nd Ave, Winner, SD 57580	605-840-1169
Bollweg Farms , 20210 322nd Avenue, Harrold, SD 57536	605-875-3440
Bosworth, Joe , 37644 252nd Street, White Lake, SD 57383	605-680-2462
Brandt Farms Inc. , 18013 470th Avenue, Clear Lake, SD 57226	605-520-0442
Broken Heart Ranch , 23268 383rd Avenue, Wess Springs, SD, 57382	605-999-1196
Buschenfeld, Mark , 19379 472nd Avenue, Toronto, SD 57268	605-690-6773
Cahill Seeds , 669 Hwy 5, Flaxville, MT 59222	406-783-5510
CC - Acres Joint Venture (Cronin Farms) , 16410 302 Ave, Gettysburg, SD 57442	605-769-9898
Chris Howard Ranch , 19245 355th Avenue, Miller, SD 57362	605-204-0299
Christensen Grain Farm Part. , 34517 252nd Street, Pukwana, SD 57370	605-730-2269
Dakota Grain Connection LLC , 47168 345th Street, Dell Rapids, SD 57022	701-552-1300
Dowling, Skyler , 20493 Pheasant Pl, Pierre, SD 57501	605-222-9065
Eisenbeisz Farms , 32512 127th Street, Bowdle, SD 57428-5005	605-285-6738
Eisenbraun, Tyrel , 23245 Crooked Creek Rd, Wall, SD 57790	605-685-3686
Elevate Agronomics, Inc , 27763-317th Ave, E Hwy 44, Winner, SD 57580	605-840-0373
Eliason, Carl , 47176 255 St, Renner, SD 57055	605-351-3557
Feickert, Sid , 10635 Cedar Road, Long Lake, SD 57457	605-380-1332
Fiedler Farms Inc. , 13073 309th Avenue, Selby, SD 57472-5809	605-649-6280
Foundation Seed Stocks , 1211 N Campus Dr. SDSU Box 2125, Brookings, SD 57007-1096	605-688-5418
Frericks, Stacey , 38803 165th Street, Ashton, SD 57424	605-460-0887
Giese, Gerhard , 30051 137th Street, Selby, SD 57472	605-649-7832
Golden Willow Seeds Inc. , 21304 238th Avenue, Midland, SD 57552-3122	605-843-2187
Green Cover Seed , 918 Road X, Bladen, NE 68928	402-469-6784
Green Thumb Commodities , 21718 445th Avenue, PO Box J, Oldham, SD 57051-0018	605-482-8295
Gronseth, Wayne , 1428 Sawgrass Avenue, Mitchell, SD 57301	605-770-6459
Gruenhagen, Jason , PO Box 472, DeSmet, SD 57231	605-860-9959
Hall, Nick , 20207 457th Avenue, Arlington, SD 57212	605-203-1249
Halls Seed, LLC. , 20466 451st Ave, Arlington, SD 57212	605-690-3594
Hand Brothers Partnership , 24704 204th Street, Midland, SD 57552	605-567-3397

Hansmeier & Son , 77 South Main PO Box 136, Bristol, SD 57219	605-492-3611
Hansum Brothers , 37315 275th Street, Platte, SD 57369.....	605-680-1023
Henglefeld, Glen , 26589 418th Avenue, Alexandria, SD 57311	605-227-4535
Herman Agri Inc. , 31120 252nd Street, Presho, SD 57568	605-869-2304
Hespe Farm , 24248 260th Ave, Okaton, SD 57562	605-530-0247
Heuer, Allen , 15262 457th Avenue, Summit, SD 57266	605-868-0914
Hewson Odis , 11809 Clanton Rd, Buffalo, SD 57720.....	605-641-3186
Hidewood Ag , 405 Washington Street PO Box 151, Brandt, SD 57218-0188	605-690-8891
Hofer, Cordell S. , 43665 257th Street, Salem, SD 57058.....	605-660-1582
Horizon Hemp Seeds , 18118 424th Ave, Clark, SD 57225	605-880-1266
Howe Seeds Inc. , 11198 272nd Avenue PO Box 496, McLaughlin, SD 57642	605-823-4892
Huber Farms , 27450 253rd Avenue, Parmelee, SD 57566.....	605-462-6392
J & J Horter Farm Partnership , 13808 SD Hwy 27, Andover, SD 57422	605-216-4852
Jackson, Eric , 38938 234th Street, Woonsocket, SD 57385	605-680-3713
Jelinek Custom Cleaning , PO Box C, Alliance, NE 69301	308-313-5222
Jfrey Inc. , 12532 290th Avenue, Mobridge, SD 57601.....	605-848-1486
Jorgensen Land & Cattle , 31250 265th Street, Ideal, SD 57541	605-842-3217
K & K Farms Inc. , 47244 181st Street, Clear Lake, SD 57226-5439	605-874-2322
Kirsch Farms , 37016 263rd St, White Lake, SD 57383	605-337-9658
Klebsch, Jim , 38701 170th Street, Redfield, SD 57469.....	605-460-1133
Koehlmoos, Norman , 43480 205th Street, DeSmet, SD 57231-5816.....	605-854-3524
Koepp Seeds , PO Box 64, Claire City, SD 57224-0064.....	605-652-4529
Kuecker Seed Farm , 14762 438th Avenue, Webster, SD 57274-6027	605-345-3169
Kuxhaus Farms , 28869 202nd Avenue, Martin, SD 57551	605-685-6004
KWS CEREALS USA, LLC , 495 County Rd 1300 N, Champaign, IL 61822	952-836-8469
LaBolt Farmers Grain , Box 75 Central Avenue, Waverly, SD 57201	605-882-4095
Lake, John & Austin , 1105 E Garfield Avenue, Gettysburg, SD 57442	605-765-9547
Leesman Ranch , 19607 315th Ave, Blunt, SD 57522.....	605-280-6065
Leiseth, David , 44948 183rd St, Hayti, SD 57241-5229	605-881-2132
Leiseth, Paul , 44405 179th Street, Hazel, SD 57242-5131	605-628-2099
Leisinger, Matt , 18451 338th Avenue, Highmore, SD 57345	605-852-2180
Locken Farms , 39643 137th Street, Bath, SD 57427	605-380-2264
Lorang, Nick , 25406 398th Avenue, Mt. Vernon, SD 57363.....	605-770-5794
LW Sales, Inc. , 300 Railroad Ave PO Box 668, Groton, SD 57445	605-397-8111
Mac's Corner Ag Supply , 33553 SD Hwy 34, Highmore, SD 57345	605-870-1421
Malsam Farms, Inc. , 12988 342nd Avenue, Roscoe, SD 57471	605-380-7832
Matucha, Lance , 34642 Frey Road, Burke, SD 57523-0445	605-830-7810
Millborn Seeds, Inc , 2132 32nd Avenue, Brookings, SD 57006.....	605-697-6306
MPM Certified Seed , 22875 383rd Avenue, Wess Springs, SD 57382	605-770-6537
Mustang Seeds, Inc. , 306 S. Washington PO Box 466, Madison, SD 57042.....	605-256-6529
Nelson's HB Seed , 1020 N Broadway PO Box 87, Miller, SD 57362	605-853-3025
Norberg, Dean , 34536 282nd Street, Burke, SD 57523.....	605-830-2062
Nutrien Ag Solutions , 10 W Main Street PO Box 109, Northville, SD 57465.....	605-887-3422
Olsen Custom Farms , 1355 300th Street, Hendricks MN 56136	507-275-3176
Pharmco Industries , 36590 SD Hwy 44, Platte, SD 57369.....	605-337-3374
Raap, Torre , 41227 135th Street, Andover, SD 57422.....	605-216-2875
Rahm Seed Cleaning , 40340 161st Street, Turton, SD 57477	605-897-6623
Rankin & Sons Inc. , 27924 239th Street, Draper, SD 57531	605-280-2298

REH Farms Inc., 16332 SD Hwy 1804, Gettysburg, SD 57442	605-765-9552
Reuman, Drew, PO Box 12, Presho, SD 57568.....	605-280-5330
Roghair, Henry Glen, 25951 241st Street, Okaton, SD 57562.....	605-669-2819
Roghair, Raymond, 24051 261st Avenue, Okaton, SD 57562.....	605-669-2248
Roitsch, Jerry, 60 - 5th Avenue E., Bristol, SD 57219-5804.....	605-492-3330
Rothschadl, Justin, 29414 415th Avenue, Scotland, SD 57059-5113	605-857-0359
Rottluff, Karie, 44689 217th St., Oldham, SD 57051	605-695-0455
Schauer, Jim, 11698 363rd Avenue, Leola, SD 57456-6405.....	605-439-3179
Shepherd Seed Company, 18514 301st Avenue, Onida, SD 57564	605-280-9058
Sioux Nation, LLC, 504 Deadwood St PO Box 452, Ft. Pierre, SD 57532.....	605-223-2427
Smith Farm, 41236 196th St., Yale, SD 57386	605-350-4296
Spieker, David, 19345 423rd Avenue, Willow Lake, SD 57278	605-625-3685
SS & H Ag Supplies Inc., 12 W. Main, Ashton, SD 57424	605-472-1020
Stiefvater, Kurt, 25108 445th Avenue, Salem, SD 57058	605-360-1618
Stiegelmeier Farms, 13402 306th Avenue, Selby, SD 57472-5802.....	605-845-6034
Strand, Wade, 25798 409th Avenue, Mitchell, SD 57301-5801	605-770-8790
Sumption Farms, 10997 390th Ave, Frederick, SD 57441	605-216-6654
Swenson Partnership, 38770 235th Street, Wess Springs, SD 57382.....	605-354-1930
TDK Partnership, 37067 Hwy 18, Fairfax, SD 57335	605-654-2812
Thyen Farms, 46220 165th Street, Watertown, SD 57201-8765	605-520-8159
Tritle, Carper, Cahill Homestead LLC, 27495 SD Hwy 49, Winner, SD 57580.....	605-208-6116
Troske, Rory, 40559 162nd Street, Turton, SD 57477-5911	605-897-6656
Tvedt, Ron, 18541 478th Avenue, Brandt, SD 57218-0188	605-880-5383
Van Dusseldorp Ag, 521 Wisconsin Ave PO Box 308, Platte, SD 57369	605-337-3052
Van Tassel, Ryan, 21304 238 Ave, Midland, SD 57552	605-441-5377
Vander Vorst, Chad, 9420 6th Ave SE, Pollock, SD 57648.....	701-471-1411
Vetter, Jeff, 1805 10th Ave, Belle Fourche, SD 57717.....	605-415-3375
Vogel and Sautner Farms, 14949 308th Ave., Hoven, SD 57450.....	605-765-4137
Wedel, Brad, 19772 409th Avenue, Yale, SD 57386	605-350-2923
Weisbeck & Sons, 11193 US Hwy 83, Herreid, SD 57632-5802.....	605-850-1806
Wittler Seed Farm, 205 Elevator Way PO Box 29, Agar, SD 57520.....	605-280-0152
Yardley & Co, Inc., 20101 Kelly Hill Rd., Quinn, SD 57775	605-386-2375

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
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
Koeppse Seeds PO Box 64 Claire City , SD 57224-0064	605-652-4529 605-742-4336	Buckwheat, Flax, Millet, Small Grains, Soybeans

Approved Certified Seed Conditioners Cont.

Grain Conditioning 2 Inc 11065 MacDonald Ave Conifer , CO 80433	724-650-5774	Wheat, Portable Cleaner
CHS Dakota Plains Ag 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
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
CC - Acres (Cronin Farms) 16410 302 Ave Gettysburg , SD 57442	605-769-9898	Small Grains, Portable Cleaner
Lake, John & Austin 1105 E Garfield Avenue Gettysburg , SD 57442	605-765-9547	Small Grains, Portable Cleaner
LW Sales, Inc. 300 Railroad Ave PO Box 668 Groton , SD 57445	605-397-8111	Small Grains
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
Weisbeck & Sons 11193 US Hwy 83 Herreid , SD 57632-5802	605-850-1806	Small Grains, Portable Cleaner

Approved Certified Seed Conditioners Cont.

Leisinger, Matt 18451 338th Avenue Highmore , SD 57345	605-852-2180	Millet, Small Grains, Safflower
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

Approved Certified Seed Conditioners Cont.

North Central Seed PO Box 1008 Mitchell , SD 57301	605-996-5451	Grasses, Small Grains, Small Seeded Legumes
Strand, Wade 25798 409th Avenue Mitchell , SD 57301-5801	605-770-8790 605-996-7533	Small Grains, Portable Cleaner
Frey Seed Cleaning 12532 290th Ave Mobridge , SD 57601	605-848-1486	Millet, Small Grains
Salverson, Evan 11727 303rd Avenue Mound City , SD 57646-6203	605-848-0009	Small Grains, Portable Cleaner
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

Approved Certified Seed Conditioners Cont.

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	605-222-1710	Small Grains, Portable Cleaner
Reuman, Drew PO Box 12 Presho , SD 57568	605-280-5330	Field Peas, Millet, Small Grains, Portable Cleaner
Sandal Seed Cleaning PO Box 6 Quinn , SD 57775	605-441-7921	Field Peas, Millet, Safflower, Small Grains, Portable Cleaner
Sandal Seed Cleaning #2 PO Box 6 Quinn , SD 57775	605-441-7921	Field Peas, Millet, Safflower, 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

Approved Certified Seed Conditioners Cont.

B & L Ag Inc. 1806 7th St NE Watertown, SD 57201	605-956-1389	Small Grains
Quality Seed Service 17613 449th Avenue Watertown, SD 57201-7675	605-881-7000	Soybeans, Small Grains, 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, Portable Cleaner
Karma's Korn 47871 206 St White, SD 57276	605-690-7092	Small Grains
Bosworth, Joe 37644 252nd Street White Lake, SD 57383	605-680-2462 605-680-3182	Small Grains, Portable Cleaner
Legend Seeds Processing Plant 43281 189th Street Willow Lake, SD 57278	800-678-3346 605-854-3346	Soybeans
Elevate Agronomics, Inc 27763-317th Avenue, E Hwy 44 Winner, SD 57580	605-840-0373 605-842-0481	Small Grains, Small Seeded Legumes
Pharmco Industries 27768 317th Avenue Winner, SD 57580	605-842-0703	Small Grains, Portable Cleaner

Approved Bulk Retail Facilities

(Sorted alphabetically by town)

Wittler Farms 205 Elevator Way P.O. Box 29, Agar , SD 57520	605-258-2431 605-280-0152
H & H AgSolutions LLC 421 - 5th Street S., Alpena , SD 57312	605-849-3454 605-350-7242
SS & H Ag Supplies Inc. 12 W. Main, Ashton , SD 57424	605-472-1020 605-450-1131
CBH Cooperative, Feed & Ag Services 77 North 6th Avenue, Belle Fourche , SD 57717	605-723-3333
Dakota Mill & Grain 808 5th Avenue, Belle Fourche , SD 57717	605-892-2543
Millborn Seeds, Inc 2132 32nd Avenue, Brookings , SD 57006	605-697-6306 605-690-4159
Agtegra Cooperative 535 415th Avenue PO Box 113, Carpenter , SD 57322	605-352-7210 605-350-4076
Agtegra Cooperative 250 West 249th Street, Chamberlain , SD 57325	605-234-4230
Agri Partners Inc. 47453 SD Hwy 22, Clear Lake , SD 57226	605-874-2550
CHS Farmer's Alliance PO Box 65, Corsica , SD 57328-0065	605-990-7070 605-990-7036
Agland Coop - A & D Fertilizer 39833 US HWY 18, Delmont , SD 57330-6908	605-779-2003 605-928-3627
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

Approved Bulk Retail Facilities Cont.

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	605-846-1221
CHS River Plains 609 9th Avenue S., Faulkton , SD 57438	605-598-4532
Dakota Mill & Grain 507 Elevator Way, Ft Pierre , SD 57532	605-223-2557 605-223-2558
CHS Farmer's Alliance 803 N Hwy 81 PO Box F, Freeman , SD 57029	605-990-7073
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	605-846-1020
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	605-846-1732 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

Approved Bulk Retail Facilities Cont.

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	605-352-4390
---	--------------

Agtegra Cooperative 36075 Hwy 12 E PO Box 366, Ipswich , SD 57451	605-846-1352 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	605-846-1145
---	--------------

Agtegra Cooperative 115 N Hwy 273 PO Box 99, Kennebec , SD 57544	605-846-1280
--	--------------

Agtegra Cooperative 36694 Iron Horse Drive, Kimball , SD 57355	605-846-1738
--	--------------

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	605-846-1478
---	--------------

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
---	--------------

Approved Bulk Retail Facilities Cont.

Agtegra Cooperative 109 Elevator Rd. PO Box 640, McLaughlin , SD 57642	605-846-1390	
Agtegra Cooperative PO Box 107, Mellette , SD 57461-0107	605-846-1432	
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 605-870-2515	605-204-0217 605-530-1895
Wilbur Ellis 609 14th St W. PO Box 414, Miller , SD 57362	605-853-2382 605-461-3292	
Agronomy Plus, Inc. 2500 W. Havens Ave, Mitchell , SD 57301	605-996-3339	
CHS Farmer's Alliance 1100 N. Elevator Rd PO Box 1286, Mitchell , SD 57301	605-996-7322 605-999-4914	
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	

Approved Bulk Retail Facilities Cont.

Turnis Farm Service Inc. PO Box 516, Platte , SD 57369-0516	605-337-3643
Agtegra Cooperative 1227 3rd Street East, Redfield , SD 57469	605-472-0300
Wilbur Ellis 17150 US Highway 281, Redfield , SD 57469	605-472-2600
Revillo Farmers Elevator PO Box 98, Revillo , SD 57259-0098	605-623-4411
Agtegra Cooperative 13345 341st Avenue PO Box 138, Roscoe , SD 57471	605-846-1600
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	605-846-1228
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	605-846-1103
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	605-990-7067

Approved Bulk Retail Facilities Cont.

Dakota Mill & Grain 111 2nd Ave Box 419, Wall , SD 57790	605-279-2261
Agwrx Cooperative 811 BN Drive, Watertown , SD 57201	605-886-4406
Agtegra Cooperative PO Box 350, Wess Springs , SD 57382-0350	605-846-1599
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	605-888-4375
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	605-846-1168

NOTES

NOTES

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

To convert Fahrenheit to
Centigrade:
$$\frac{(^{\circ}\text{F} - 32) \times 5}{9} = ^{\circ}\text{C}$$

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

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

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



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

NON-PROFIT ORG.
U.S. Postage
PAID
Brookings, SD 57006
PERMIT NO. 3

RETURN SERVICE REQUESTED