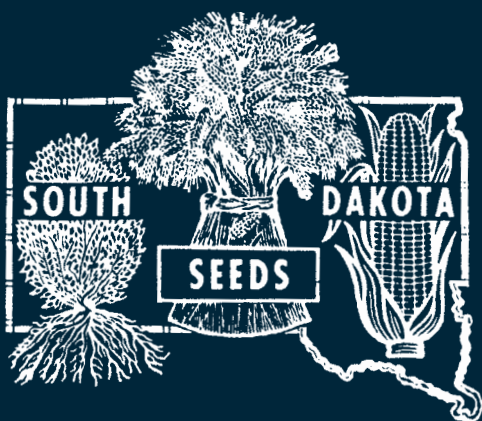


*South Dakota Certified Seed*

# **GROWER DIRECTORY**

## **FALL 2022 / SPRING 2023**



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

**Member of . . .**

*Association of Official Seed  
Certifying Agencies*

**Cooperating with . . .**

*South Dakota State University*

**Operating under . . .**

*Authority of the South Dakota  
State Seed Certification Board*

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## THE PURPOSE OF SEED CERTIFICATION

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

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

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

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

### Classes of Certified Seed

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

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

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

# Table of Contents

Approved Conditioners.....	47
Approved Bulk Retail Facilities.....	54
Barley .....	15
Chickpeas .....	15
Field Peas .....	15
Flax .....	15
Grasses	
Switchgrass.....	16
Millet.....	16
Oats.....	16
Pre-Variety Germplasm Certification for Native Grasses and Forbs .....	2
PVP List .....	12
Quality Assurance Program .....	3
Royalty or Seed Sales Fees on Varieties.....	14
Rye.....	21
Seed Growers .....	40
South Dakota Seed Trade Association Members .....	45
Soybeans .....	21
Tables on Variety Characteristics.....	4
Triticale.....	22
Wheat	
Durum .....	23
Hard Red Spring.....	23
Hard Red Winter .....	30
Soft Red Winter.....	39

## PLEASE NOTE

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

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

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

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

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

Please report any irregularities.

## Pre-Variety Germplasm Certification for Native Grasses and Forbs

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

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

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

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

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

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

### **SPECIES OF NATIVE GRASSES AND FORBS IN PROGRAM**

**Common Name/Scientific Name . . . . . Producer**

Little Bluestem/ Jerry Roitsch, Bristol  
*Schiachyrium scoparium*. . . . . 605-492-3330

## **CERTIFIED SEED**

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

# Quality Assurance Program



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

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

- Ag Performance, Inc., Buffalo Center, IA . . . 641-562-2370
- Barber, Ken, Onida, SD. . . . . 605-258-2708
- Christensen Grain Farm Part., Pukwana, SD . . 605-730-2269



## ORDER YOUR NEW CERTIFIED SEED TODAY!

**CROP VARIETY DESCRIPTIONS**  
**HRS Wheat Variety Characteristics**

Variety	Origin	Year Rel.	Height Classification	Plant Height (in.)	Rust Reaction*			Stem	Protein	Straw Strength	Relative Maturity (Days)**	Beards	PVP**	FHB
					Stripe	Leaf	Stem							
Advance	SD	'11	Semi-Dwarf	30"	MS	MS	MR	Medium	Good	4	Yes	PVP-94 Title V	MR	
Ascend-SD	SD	'21	Semi-Dwarf	31"	--	MR	--	Medium	Good	5	Yes	PVP*	MR	
Bolles	MN	'15	Semi-Dwarf	31"	MS	R	--	High	Good	6	Yes	PVP-94 Title V	MR	
Boost	SD	'16	Medium	31"	S	MR	--	Medium	Good	6	Yes	PVP-94 Title V	MR	
Driver	SD	'19	Medium	31"	--	MR	R	Medium	Good	4	Yes	PVP-94 Title V	MR	
Focus	SD	'15	Semi-Dwarf	34"	S	MR	--	Medium	Good	1	Yes	PVP-94 Title V	MR	
Forefront	SD	'11	Medium	34"	MS	MS	MR	Medium	Good	2	Yes	PVP-94 Title V	MR	
Lang-MN	MN	'17	Semi-Dwarf	32"	MS	MR	R	Medium	Good	4	Yes	PVP-94 Title V	MR	
LCS Rebel	LCS	'17	Semi-Dwarf	30"	S	MR	--	Medium	Good-Medium	2	Yes	PVP-94	MR	

LCS Trigger	LCS	'15	Semi-Dwarf	31"	MS	MR	R	Medium	Good	7	Yes	PVP-94	MR
Linkert	MN	'13	Semi-Dwarf	27"	MS	MR	--	Medium	Good	4	Yes	PVP-94 Title V	MS
Prevail	SD	'13	Semi-Dwarf	28"	MR	MR	MR	Medium	Good	2	Yes	PVP-94 Title V	MR
Prosper	ND	'11	Medium	32"	S	S	R	Medium	Good	3	Yes	PVP-94 Title V	MR
Shelly	MN	'16	Semi-Dwarf	30"	MR	MR	--	Medium	Good	7	Yes	PVP-94 Title V	MR
Surpass	SD	'16	Semi-Dwarf	31"	S	MR	--	Medium	Good	2	Yes	PVP-94 Title V	MR
SY Ingmar	SYN	'14	Semi-Dwarf	30"	S	MR	R	Medium-High	Good	3	Yes	PVP-94 Title V	MR
SY Rustler	SYN	'16	Semi-Dwarf	30"	MS	MR	MR	Medium	Good	4	Yes	PVP-94 Title V	MR
SY Valda	SYN	'15	Semi-Dwarf	27"	S	MR	R	Medium	Good	5	Yes	PVP-94 Title V	MR
WB9590	WB	'18	Semi-Dwarf	27"	S	MR	R	Medium	Good	2	Yes	PVP-94	MR
WB9719	WB	'18	Semi-Dwarf	30"	S	MR	R	Medium	Good	6	Yes	PVP-94	MR

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

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

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

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

## HRW WHEAT VARIETY CHARACTERISTICS 2022

Variety	Origin	Year Rel.	Rust Reaction*		Wheat Streak Mosaic	Relative Heading (0-7)	Straw Strength	Relative Plant Height	Winter Hardiness	End-Use Quality	Chaff Color	PVP**	
			Leaf	Stem									Stripe
AP 18AX	AP	'18	MR	--	MR	MS	Early 0	Excellent	Short 28"	Good	Acceptable	White	PVP Title V
Draper	SD	'19	MR	MS	MR	--	Early 2	Excellent	Short 28"	Good-Excellent	Good	White	PVP Title V
Expedition	SD	'02	MS	R	S	S	Early 0	Fair	Short 29"	Good-Excellent	Good	White	PVP Title V
Ideal	SD	'11	MS	MR	S	S	Medium 4	Excellent	Short 29"	Good	Acceptable	White	PVP Title V
LCS Chrome	WB	'16	MR	S	R	S	Early 2	Good	Short 29"	Excellent	Good	White	PVP-94
LCS Photon AX	LCS	'18	S	S	MR	MS	Medium Early 3	Good	Medium 31"	Good	Acceptable	White	PVP Title V
Lyman	SD	'08	MR	R	S	S	Early 2	Fair	Medium 31"	Good	Acceptable	White	PVP Title V
Oahe	SD	'16	MS	MS	MR	MR	Medium 4	Good	Medium 31"	Good	Acceptable	White	PVP Title V
Overland	NE/SD	'07	MR	MR	S	MS	Medium 4	Good	Medium 30"	Excellent	Acceptable	White	PVP Title V
Redfield	SD	'13	MS	MR	MS	S	Medium 4	Excellent	Short 28"	Good-Excellent	Good	Brown	PVP Title V
SD Andes	SD	'20	--	MS	MR	--	Medium 4	Excellent	Short 29"	Excellent	Acceptable	Brown	PVP Title V
SD Midland	SD	'21	MS	MS	R	--	Medium 4	Excellent	Medium 31"	Excellent	Good	Brown	PVP*



SY517CL2	SYN/AP	'17	MR	R	MR	MS	S	Early 2	Good	Short 26"	Good	Acceptable	White	PVP Title V
SY Monument	SYN/AP	'14	MR	R	MR	MR	MS	Early 2	Good	Short 27"	Good-Excellent	Acceptable	White	PVP Title V
SY Wolf	SYN/AP	'11	R	MR	S	MR	MR	Medium Early 3	Excellent	Short 28"	Good-Excellent	Acceptable	White	PVP Title V
SY Wolverine	SYN/AP	'19	MS	MR	MS	MS	MS	Early 2	Excellent	Short 27"	Good-Excellent	Acceptable	White	PVP Title V
Thompson	SD	'17	MR	MS	MS	MS	MS	Medium 4	Fair	Medium 31"	Good	Acceptable	White	PVP Title V
WB4418	WB	'17	R	MR	MS	MR	MR	Early 0	Good	Short 26"	Good	Good	White	PVP-94
WB4462	WB	'16	MR	--	S	S	S	Early 0	Good	Medium 30"	Good	Good	White	PVP-94
WB-Grainfield	WB	'12	MR	MR	MS	MR	MR	Early 0	Good	Short 28"	Good	Good	White	PVP-94
Winner	SD	'19	MR	MR	MR	MR	--	Early 2	Excellent	Short 29"	Good-Excellent	Good	White	PVP Title V

\*S = Susceptible, MS = Moderately Susceptible, MR = Moderately Resistant, R = Resistant, PVP\*\* - PVP Title V - Certification Option - to be sold by variety name only as a class of Certified Seed. PVP-94 without Title V, PVP\* - application pending/ anticipated.

## OAT VARIETY CHARACTERISTICS

--Disease Reaction\*--

Variety	Origin	Year Rel.	Color Grain	Test Weight	Relative Maturity*** (Days)	Height	Straw Strength	Red Leaf	--Disease Reaction*--				PVP**
									Smut	Stem Rust	Crown Rust	Protein	
Beach	ND	'04	White	Fair	7	Tall	Good	MS	R	S	MS	Low	No
Buff (Hull-less)	SD	'02	Hull-less	Very Good	4	Medium	Good	MR	R	S	MS	Medium High	No
Colt	SD	'09	White	Good	0	Medium	Fair	MS	R	MS	S	Medium High	PVP-94 Title V
Deon	MN	'13	Yellow	Good	9	Tall	Good	MS	R	MR	MR	Medium High	PVP-94 Title V
Goliath	SD	'12	White	Good	9	Tall	Good	MR	MR	R	S	Medium High	PVP-94 Title V
Hayden	SD	'14	White	Good	7	Tall	Good	MR	R	MS	S	Medium	PVP-94 Title V
Horsepower	SD	'11	White	Good	4	Medium	V Good	MS	S	R	S	Medium	PVP-94 Title V
Jerry	ND	'94	White	Good	4	Medium	Good	MR	S	MS	S	Medium High	No
Natty	SD	'14	White	Good	2	Tall	V Good	MR	MR	MS	S	Medium-High	PVP-94 Title V

Newburg	ND	'11	White	Fair	7	Tall	Good	MR	S	R	S	Medium	PVP-94
Paul (Hull-less)	ND	'94	Hull-less	Very Good	8	Medium	Good	S	MS	MR	MS	Medium	PVP-94
Rushmore	SD	'19	White	Good	6	Medium	V Good	MS	R	--	R	Medium	PVP-94 Title V
Saddle	SD	'17	White	Good	1	Medium	V Good	MS	R	S	MR	Medium	PVP-94 Title V
SD Buffalo	SD	'21	White	Good	6	Medium	V Good	MR	R	--	MR	Medium	PVP*
Shelby 427	SD	'09	White	Good	2	Medium Tall	V Good	MR	R	MS	S	Medium High	PVP-94 Title V
Souris	ND	'06	White	Fair	8	Medium	Good	MS	MR	MS	S	Medium	PVP-94
Stallion	SD	'06	White	Very Good	7	Tall	Fair	MS	S	S	MR	Medium	PVP-94 Title V
Stark (Hull-less)	ND	'04	Hull-less	Good	6	Medium Tall	Good	--	--	MR	MS	Medium	PVP-94
Streaker (Hull-less)	SD	'09	Hull-less	Very Good	3	Medium Tall	Good	MR	R	MR	MS	Medium High	PVP-94 Title V
Warrior	SD	'19	White	Good	5	Medium	Good	MS	R	--	MR	Medium	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\*- application pending/ anticipated.  
\*\*\*Relative Maturity. Colt is the check variety. Positive number indicates days later than Colt.

## SOYBEAN VARIETY CHARACTERISTICS

Variety	Origin	Year Rel.	Relative Maturity <sup>(1)</sup>	Flower Color	Pubescence	Pod Color	Hilum Color	Seed Coat Lustre	Emergence <sup>(2)</sup>	Shattering <sup>(3)</sup>	Iron Chlorosis <sup>(4)</sup>	Phytophthora Root Rot <sup>(5)</sup>	Lodging Resistance	PVP <sup>(6)</sup>
Brookings	SD	'12	1.7	Purple	Gray	Tan	Buff	D	--	2	--	RIK	Good	No
Codington	SD	'13	1.0	Purple	Tawny	Brown	Black	D	--	3	1.0	R1	Good	No
Davison	SD	'09	2.2	White	Lt. Tawny	Tan	Black	D	1	1	--	R1	Good	Yes
Deuel	SD	'09	1.1	Purple	Tawny	Brown	Black	D	1	1	--	RIK	Fair-Good	Yes
Hamlin	SD	'05	0.9	White	Tawny	Brown	Black	D	1	1	2.3	RIK	Good	Yes
MN1806CN	MN	'14	1.8	White	Tawny	Brown	Yellow	--	--	--	--	--	--	No
Roberts	SD	'13	0.6	Purple	Gray	Brown	Gray	D	--	1	3.0	RIK	Good	No
Spink	SD	'02	0.8	Purple	Gray	Brown	Buff	D	1	1	2.4	R1	Good	Yes
Stride	SD	'97	1.4	Purple	Gray	Brown	Imp. Black	S	1	1	3.7	R1	Excellent	Yes
Surge	SD	'97	0.7	Purple	Gray	Brown	Imp. Black	D	1	1	2.7	R1	Good	Yes
Turner	SD	'99	2.3	White	Gray	Brown	Buff	D	1	1	3.0	R1	Good	Yes

\* Plant Variety Protection applied for.

- (1) Relative Maturity: 95% ripe pods. First digit is the maturity group with the number following the decimal point is the maturity rating within that group. Group 0 maturities spanned 18 calendar days so each unit on the relative scale (0.1) represents 1.8 days. In contrast, Group 1 maturities spanned 13 days and Group II spanned 12 days. Therefore, each (0.1) unit on the relative maturity scale represents 1.3 days for Group I and 1.2 for Group II varieties listed above.
- (2) Emergence - indicates the percent of seeds that have emerged after 12 days from 4 1/2" depth (sand), maintained at 77° F. Scores indicate: 1 = more than 85% emerged, 2= 70-84%, 3=45-69%, 4=20-44%, and 5= 1-19%.
- (3) Shattering - indicates the percent pods that have opened two weeks after maturity. Scores indicate 1= no shattering, 2 = 1-10%, 3 = 11-25%, 4 = 26-50%, and 5+ over 50% shattered.
- (4) Iron Chlorosis - susceptibility is evaluated on sites with high pH soils and range from 1 (little or no yellowing) to 3 (moderate yellowing) to 5 (severe yellowing).
- (5) Phytophthora Root Rot: S = Susceptible, R1, R3, and R4 = Genes for resistance to different races of Phytophthora.
- (6) PVP - Plant Variety Protection, Title V. Certification Option - To be sold by variety name only as a class of Certified Seed.

## PLANT VARIETY PROTECTION (PVP)

This is not a complete list of varieties or crops, and the associated Plant Variety Protection Web Site at <https://www.ams.usda.gov/services/plant-variety-protection>. There are two levels of Plant Variety Protection (PVP) 1) PVP - the variety must be sold by variety name with the variety owner's permission (the variety in question does not need to be certified but the seller MUST have the owner's permission. 2) PVP Title V - this means that the variety in question can only be sold as a class of certified seed. In either case the purchaser may replant the seed from the variety that he has purchased for as many seasons as is wished. It is the responsibility of the buyer and seller to confirm the PVP status of the variety in question before the seed changes ownership. It is illegal for anyone to purchase grain of a protected variety and use it for any planting purposes.

### PLANT VARIETY PROTECTION (PVP)-PVA 1994 TITLE V OPTION (PVP TITLE V)

#### Spring Wheat

Variety	PVP Level
Advance	PVP Title V
Ambush	None
AP GunsSmoke CL2	PVP Title V
AP Murdock	PVP Title V
AP Revolution	PVP Title V
AP Smith	PVP Title V
AP Venom	PVP Title V
Ascend-SD	PVP Title V
Barlow	PVP Title V
Bolles	PVP Title V
Boost	PVP Title V
Breaker	PVP
Brennan	PVP Title V
Brick	PVP Title V
Briggs	PVP Title V
Driver	PVP Title V
Egin-ND	PVP Title V
Faller	PVP Title V
Focus	PVP Title V
Forefront	PVP Title V
Glenn	PVP Title V
Granger	PVP Title V
Kelby	PVP Title V
Lang-MN	PVP Title V
LCS Albany	PVP Title V
LCS Anchor	PVP
LCS Breakaway	PVP Title V
LCS Buster	PVP

#### Winter Wheat

Variety	PVP Level
AC Radiant	None
Alice	PVP Title V
AP18 AX	PVP Title V
AP503CL2	PVP Title V
AP Bigfoot	PVP Title V
AP Clair	PVP Title V
Art	PVP Title V
Araphoe	Expired
Boomer	PVP
Brawl CL Plus	PVP Title V
CDC Falcon	PVP
CP7017 AX	PVP Title V
CP7050 AX	PVP Title V
Crescent AX	PVP Title V
Drapier	PVP Title V
Expedition	PVP Title V
Harding	PVP Title V
Hawken	PVP Title V
Ideal	PVP Title V
Infinity CL	PVP Title V
Jagalene	PVP Title V
Keldin	PVP
LCS Chrome	PVP Title V
LCS Fusion AX	PVP Title V
LCS Helix AX	PVP Title V
LCS Mint	PVP Title V
LCS Photon AX	PVP Title V
Lyman	PVP Title V

#### Oats

Variety	PVP Level
Colt	PVP Title V
Deon	PVP Title V
Everleaf 126	PVP
Goliath	PVP Title V
Hayden	PVP Title V
HiFi	PVP Title V
Horsepower	PVP Title V
Jerry	Expired
MIN-Pearl	PVP Title V
Morton	PVP
Natty	PVP Title V
Newburg	PVP Title V
Reeves	None
Reins	PVP Title V
Rockford	PVP
Rushmore	PVP Title V
Saddle	PVP Title V
SD Buffalo	PVP Title V
Shelby 427	PVP Title V
Souris	PVP
Stallion	PVP Title V
Streaker	PVP Title V
Warrior	PVP Title V

LCS Cannon	PVP	Matlock	PVP
LCS Hammer AX	PVP Title V	Millennium	PVP Title V
LCS Iguacu	PVP Title V	Oahe	PVP Title V
LCS Powerplay	PVP Title V	Overland	PVP Title V
LCS Rebel	PVP	Redfield	PVP Title V
LCS Trigger	PVP Title V	SD Andes	PVP Title V
Linkert	PVP Title V	SD Midland	PVP Title V
LNR 10200	PVP	Settler CL	PVP Title V
MN-Torgy	PVP Title V	Smokey Hill	PVP Title V
MS Camaro	PVP	Striker	PVP
MS Chevelle	PVP	SY517CL2	PVP Title V
MS Stingray	PVP	SY Monument	PVP Title V
NP12100509-2	PVP Title V	SY Sunrise	PVP Title V
Prevail	PVP Title V	SY Wolf	PVP Title V
Prosper	PVP Title V	SY Wolverine	PVP Title V
RB07	PVP Title V	Thompson	PVP Title V
Samson	PVP	WB Grainfield	PVP
Select	PVP Title V	WB4059CLP	PVP
Shelly	PVP Title V	WB4309	PVP
Steele ND	PVP Title V	WB4462	PVP
Surpass	PVP Title V	WB4510CLP	PVP
SY Ingmar	PVP Title V	WB4614	PVP
SY McCloud	PVP Title V	WB4721	PVP
SY Rowyn	PVP Title V	Wendy	PVP Title V
SY Rusler	PVP Title V	Wesley	None
SY Soren	PVP Title V	Winner	PVP Title V
SY Valda	PVP Title V		
SY605CL	PVP Title V		
Traverse	PVP Title V		
Tom	PVP Title V		
Vantage	PVP		
Velva	PVP Title V		
WB Mayville	PVP Title V		
WB Patron	PVP		
WB9479	PVP		
WB9507	PVP		
WB9590	PVP		
WB9606	PVP		
WB9653	PVP		
WB9719	PVP		
WB9879CLP	PVP Title V		

8/11/22

## VARIETIES WITH RESEARCH FEES

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

<b>Spring Wheat</b>	<b>Per Bu Charges</b>	<b>Winter Wheat (Continued)</b>	<b>Per Bu Charges</b>
Advance	\$0.60	Oahe	\$0.60
Ambush	\$0.05	Overland	\$0.60
AP Gunsmoke CL2	\$0.05	Ray	\$1.00
AP Murdock	\$0.05	Redfield	\$0.60
AP Revolution	\$0.05	SD Andes	\$0.60
AP Smith	\$0.05	SD Midland	\$0.60
AP Venom	\$0.05	SY 517CL2	\$0.05
Ascend-SD	\$0.60	SY Monument	\$0.05
Bolles	\$0.75	SY Sunrise	\$0.05
Boost	\$0.60	SY Wolf	\$0.05
Brick	\$0.60	SY Wolverine	\$0.05
Driver	\$0.60	Thompson	\$0.60
Focus	\$0.60	WB Grainfield	\$0.05
Forefront	\$0.60	WB4309	\$0.05
Lang-MN	\$0.75	WB4462	\$0.05
LCS Buster	\$0.05	WB4510CLP	\$0.05
LCS Cannon	\$0.05	Wesley	\$0.10
LCS Hammer AX	\$0.05	Winner	\$0.60
LCS Rebel	\$0.05		
LCS Trigger	\$0.05		
Linkert	\$0.75		
MN-Torgy	\$0.75		
NP12100509-2	\$0.05		
Prevail	\$0.60		
Prosper	\$0.30		
Shelly	\$0.75		
Surpass	\$0.60		
SY Ingmar	\$0.05		
SY McCloud	\$0.05		
SY Rowyn	\$0.05		
SY Rustler	\$0.05		
SY Valda	\$0.05		
TCG-Spitfire	\$0.05		
TCG-Wildfire	\$0.05		
WB Patron	\$0.05		
WB9479	\$0.05		
WB9590	\$0.05		
WB9606	\$0.05		
WB9719	\$0.05		

<b>Winter Wheat</b>	<b>Per Bu Charges</b>
Allegiant 3063	\$0.05
AP Bigfoot	\$0.05
AP Clair	\$0.05
AP18 AX	\$0.05
AP503CL2	\$0.05
CP7017 AX	\$0.05
CP7050 AX	\$0.05
Crescent AX	\$0.05
Draper	\$0.60
Expedition	\$0.10
Ideal	\$0.60
Keldin	\$0.05
LCS Chrome	\$0.05
LCS Fusion AX	\$0.05
LCS Helix AX	\$0.05
LCS Mint	\$0.05
LCS Photon AX	\$0.05
Lyman	\$0.60
MTF-1435	\$0.05

<b>Oats</b>	<b>Per Bu Charges</b>
Colt	\$0.30
Deon	\$0.25
Goliath	\$0.30
Hayden	\$0.30
Horsepower	\$0.30
Jerry	\$0.10
MN-Pearl	\$0.25
Natty	\$0.30
Newburg	\$0.35
Reins	\$0.30
Rockford	\$0.35
Rushmore	\$0.30
Saddle	\$0.30
SD Buffalo	\$0.30
Shelby 427	\$0.30
Warrior	\$0.30

<b>Barley</b>	<b>Per Bu Charges</b>
ND-Genesis	\$0.75
Rasmusson	\$0.25
Vaquero	\$0.05

<b>Peas/Lentils/Chickpeas</b>	<b>Per Bu Charges</b>
CDC Frontier	\$0.05
CDC Inca	\$0.05
CDC Orion	\$0.05
AAC Carver	\$0.05
Agassiz	\$0.05
CDC Amarillo	\$0.05
DS Admiral	\$0.05
Durwood	\$0.05
Early Star	\$0.05
Fergie	\$0.05
LG Amigo	\$0.05
Nette 2010	\$0.05
Salamanca	\$0.05
Spider	\$0.05
SW Midas	\$0.05
CDC Invincible	\$0.05
CDC Maxim CL	\$0.05



## BARLEY

**VAQUERO**—Vaquero barley is a hooded, two-rowed spring hay barley developed by WestBred, a unit of Monsanto in 2015. Ownership has been transferred from WestBred/Monsanto to Highland Specialty Grains. Vaquero was tested as HO315-315 and resulted from the cross Stockford/CDC Cowboy. It is primarily used as a forage barley. Awn surface is rough. Vaquero is protected under the Plant Variety Protection Act (PVP-94).

County	Name, Address	Telephone	Class	Acres
Corson	Howe Seeds, Inc., McLaughlin	(605)823-4892.....	C	68
<b>TOTAL</b>				<b>68</b>

## 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	Name, Address	Telephone	Class	Acres
Corson	Howe Seeds, Inc., McLaughlin	(605)823-4892.....	R	117
<b>TOTAL</b>				<b>117</b>

## FIELD PEAS

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

County	Name, Address	Telephone	Class	Acres
Edmunds	Malsam Farms, Inc., Roscoe	(605)380-7832.....	C	127
Edmunds	Malsam Farms, Inc., Roscoe	(605)380-7832.....	R	65
<b>TOTAL</b>				<b>192</b>

## FLAX

**CDC NEELA**—CDC Neela flax was developed by the Crop Development Centre, University of Saskatchewan and released in 2013. CDC Neela is a brown-seeded, blue-flowered variety. CDC Neela is later in maturity compared to CDC Bethune and CDC Sorrel. The variety is taller than CDC Bethune, but is shorter than CDC Sorrel. It has good oil content and quality. CDC Neela has good resistance to lodging and capsule loss. Application for Plant Variety Protection has been made.

County	Name, Address	Telephone	Class	Acres
Corson	Howe Seeds, Inc., McLaughlin	(605)823-4892.....	F	105
<b>TOTAL</b>				<b>105</b>

**YORK**—York flax was developed by the North Dakota Agricultural Experiment Station (NDAES) and released in 2002. York is a brown-seeded, blue-flowered variety. Pembina is medium in height and late, similar to Webster. York is moderately resistant to flax wilt and is resistant to rust. It has good oil content and quality.

County	Name, Address	Telephone	Class	Acres
Walworth	Stiegelmeier Farms, Selby	(605)845-6034 .....	C	401
			<b>TOTAL</b>	<b>401</b>

## MILLET

**HORIZON**—Horizon millet is a white-seeded proso variety developed by the Nebraska Agricultural Experiment Station and co-released with the University of Wyoming, South Dakota State University, Colorado State University and the USDA-ARS. The line was tested as NE-9217. Sunup, Rise, Dawn and Cope are part of the pedigree of Horizon. The variety has a compactum (closed) type panicle and the foliage is green, similar to Sunup. Horizon is earlier in maturity than Sunrise and Earlybird, and about a week later than Dawn. Seed size of Horizon is similar to Sunrise and Earlybird, and larger than Huntsman. Horizon is shorter than Earlybird, Sunrise, Sunup and Huntsman, but taller than Dawn. Straw strength is similar to Sunup. Horizon has shown no susceptibility to Russian wheat aphid.

County	Name, Address	Telephone	Class	Acres
Brookings	Millborn Seeds, Inc., Brookings	(605)697-6306....	C	280
			<b>TOTAL</b>	<b>280</b>

## SWITCHGRASS

**BLACKWELL**—Blackwell switchgrass was developed by the Kansas Agricultural Experiment Station and released in 1944. This variety produces an abundance of lush, leafy foliage and is resistant to many of the leaf diseases. It has a heavy, vigorous root system with rhizomes which make switchgrass an excellent grass for conservation use. It has fine stems and rust resistant leaves which extend its grazing capacity.

County	Name, Address	Telephone	Class	Acres
Brookings	Millborn Seeds, Inc., Brookings	(605)697-6306....	C	15
			<b>TOTAL</b>	<b>15</b>

**FORESTBURG**—Forestburg switchgrass was selected at the Plant Materials Center, NRCS, Bismarck, N.D. from material collected in a native population located at Forestburg, S.D. The variety was developed from a composite of open-pollinated seed from four outstanding accessions grown individually in the nursery. The variety is a leafy, upland type of medium height. Under irrigation at Bismarck, forage yield is about 5 tons per acre. Seed yields have been high as 450 lbs. of PLS per acre. The variety was tested as PM-SD\_149.

County	Name, Address	Telephone	Class	Acres
Day	Jerry & Nola Roitsch, Bristol	(605)492-3330.....	C	50
			<b>TOTAL</b>	<b>50</b>

## OATS

**COLT**—Colt oat is a white-hulled, spring oat developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2009. The line was tested as SD020883-29 and resulted from the cross

SD97575/ND941119. Colt is an early maturing variety, one day earlier than Don and two days earlier than Reeves. In 2008 SDSU CPT trials, Colt was 3 inches taller than Don and four inches shorter than Reeves. The variety is resistant to smut. Colt is moderately susceptible to red leaf and stem rust. Colt is susceptible to crown rust. Lodging resistance is equal to Jerry, but better than Stallion. Kernels are high in protein and the groat percentage is also high. Colt is protected under the Plant Variety Protection Act with the Title V certification option. A royalty fee will be collected on all sales of Registered and Certified classes for seed purposes.

County	Name, Address	Telephone	Class	Acres
Jones	Wyatt Hespe, Murdo	(605)530-0247.....	C	118
			<b>TOTAL</b>	<b>118</b>

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

County	Name, Address	Telephone	Class	Acres
Clark	David Spieker, Willow Lake	(605)625-3685.....	C	209
			<b>TOTAL</b>	<b>209</b>

**GOLIATH**—Goliath oat is a white-hulled, spring oat developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2012. The line was tested as SD090552 and was developed from the two parent population IL99-1338/SD97575-38-154. Varieties in the pedigree include Rise, Settler and Troy. Goliath has late maturity, heading 1.7 days later than Stallion. Goliath is 4.3 inches taller than Stallion. Goliath has excellent grain yield and forage yield potential, as well as good test weight. Goliath has a very high groat percentage and average protein content. The variety has excellent resistance to BYDV, stem rust and smut, but is susceptible to crown rust. Goliath has excellent straw strength, but should not be planted on very high fertility soils unless it will be harvested for forage. Goliath is protected under the Plant Variety Protection Act with the Title V certification option. Goliath will not have a saleable registered class. A royalty fee will be collected on all sales of the Certified class for seed purposes.

County	Name, Address	Telephone	Class	Acres
Brookings	Foundation Seed Stocks, Brookings	(605)688-5418.....	F	103
Brookings	Millborn Seeds, Inc., Brookings	(605)697-6306....	C	966
Campbell	Weisbeck & Sons, Herreid	(605)437-2963.....	C	108
Charles Mix	Pharmco Industries, LLC, Platte	(605)337-3374...	C	235
Codington	Allen Heuer, Summit	(605)868-0914.....	C	73
Corson	Howe Seeds, Inc., McLaughlin	(605)823-4892....	C	45
Gregory	Dean Norberg, Burke	(605)830-2062.....	C	358
Hand	Chis Howard Ranch, Miller	(605)204-0299.....	C	232
Hughes	Skyler Dowling, Pierre	(605)222-9065.....	C	490

Hyde	Matt Leisinger, Highmore	(605)852-2180	C	80
Jerauld	MPM Certified Seed, Wess Springs	(605)770-6537	C	2811
Kingsbury	Green Thumb Commodities, Oldham	(605)482-8295	C	307
Lake	Mustang Seeds, Inc., Madison	(605)256-6529	C	176
Misc.	Olsen Custom Farms, Hendricks, MN	(507)275-3176	C	925
Tripp	Jorgensen Land & Cattle, Ideal	(605)842-3217	C	65
Tripp	Trittle, Carper, Cahill Homestead LLC, Winner	(605)208-6116	C	535
			<b>TOTAL</b>	<b>7509</b>

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

County	Name, Address	Telephone	Class	Acres
Brookings	Foundation Seed Stocks, Brookings	(605)688-5418	F	43
Charles Mix	Pharmco Industries, LLC, Platte	(605)337-3374	C	440
Corson	Howe Seeds, Inc., McLaughlin	(605)823-4892	C	115
Hughes	Skyler Dowling, Pierre	(605)222-9065	C	59
Jones	Rankin & Sons Inc., Draper	(605)669-2511	C	300
Lake	Mustang Seeds, Inc., Madison	(605)256-6529	C	108
McCook	Kurt Stiefvater, Salem	(605)360-1618	C	122
Misc.	Green Cover Seed, Bladen, NE	(402)469-6784	C	98
Potter	Cronin Farms, Gettysburg	(605)765-9287	C	293
Spink	Stacey Frericks, Ashton	(605)460-0887	C	73
Spink	Rory Troske, Turton	(605)897-6656	C	182
Tripp	Jorgensen Land & Cattle, Ideal	(605)842-3217	C	213
Tripp	Trittle, Carper, Cahill Homestead LLC, Winner	(605)208-6116	C	100
			<b>TOTAL</b>	<b>2146</b>

**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	Name, Address	Telephone	Class	Acres
Charles Mix	Van Dusseldorp Ag, Platte	(605)337-3052	R	70
Jones	Wyatt Hespe, Murdo	(605)530-0247	C	145
			<b>TOTAL</b>	<b>215</b>

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

County	Name, Address	Telephone	Class	Acres
Aurora	Kirsch Farms, White Lake	(605)337-9658 .....	C	147
			<b>TOTAL</b>	<b>147</b>

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

County	Name, Address	Telephone	Class	Acres
Aurora	Joe Bosworth, White Lake	(605)680-2462.....	C	130
Brookings	Foundation Seed Stocks, Brookings	(605)688-5418.....	F	90
Campbell	Evan Salverson, Mound City	(605)848-0009 .....	C	160
Campbell	Weisbeck & Sons, Herreid	(605)437-2963.....	C	106
Charles Mix	Pharmco Industries, LLC, Platte	(605)337-3374...	C	249
Deuel	Cody Eastman, Brandt	(605)690-8891 .....	C	35
Deuel	K & K Farms, Inc., Clear Lake	(605)874-2322.....	C	238
Gregory	Lance Matucha, Burke	(605)830-7810.....	C	85
Hamlin	Larry Knutson, Estelline	(605)873-2603.....	C	98
Hamlin	Dustin Leiseth, Hazel	(605)520-0996.....	C	176
Hyde	Mac's Corner Ag Supply, Highmore	(605)870-1421.....	C	43
Jerauld	Eric Jackson, Wess Springs	(605)680-3713.....	C	394
Jones	Bob Fuoss, Draper	(605)669-2908 .....	C	30
Jones	Rankin & Sons Inc., Draper	(605)669-2511 .....	C	454
Kingsbury	Green Thumb Commodities, Oldham	(605)482-8295.....	C	164
Kingsbury	Halls Seed, LLC, Arlington	(605)690-3594 .....	C	112
Lake	Mustang Seeds, Inc., Madison	(605)256-6529 .....	C	75
Misc.	Olsen Custom Farms, Hendricks, MN	(507)275-3176.....	C	1040
Sanborn	Kelly Jackson, Woonsocket	(605)350-0845.....	C	35
Spink	Stacey Frericks, Ashton	(605)460-0887.....	C	98
			<b>TOTAL</b>	<b>3812</b>

**SADDLE**—Saddle oat is a white-hulled, spring oat developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2018. The line was tested as SD120296 with the pedigree of Saber/SD060130. Saddle is an early maturing line, heading about 1 day earlier

than Natty. Saddle is 1 inch taller than Horsepower. Saddle has high yield potential and average test weight. Saddle is resistant to smut and moderately resistant to BYDV. The variety is resistant to crown rust but is susceptible to stem rust. Lodging resistance is excellent. Saddle is protected under the Plant Variety Protection Act with the Title V certification option. A royalty fee will be collected on all sales of Certified seed. There will be no saleable registered class of seed.

County	Name, Address Telephone	Class	Acres
Beadle	Jason Gruenhagen, DeSmet (605)860-9959.....	C	50
Brown	LW Sales, Inc., Groton (605)397-8111 .....	C	80
Codington	LaBolt Farmers Grain, Waverly (605)882-4095....	C	70
<b>TOTAL</b>			<b>200</b>

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

County	Name, Address Telephone	Class	Acres
Aurora	Joe Bosworth, White Lake (605)680-2462.....	C	80
Bon Homme	Mark Misar, Scotland (605)661-1094.....	C	20
Brookings	Foundation Seed Stocks, Brookings (605)688-5418.....	F	50
Brookings	Millborn Seeds, Inc., Brookings (605)697-6306....	C	24
Brown	Sumption Farms, Frederick (605)380-1016 .....	C	152
Campbell	Evan Salverson, Mound City (605)848-0009.....	C	160
Corson	Howe Seeds, Inc., McLaughlin (605)823-4892.....	C	150
Deuel	Agri Partners Inc., Clear Lake (605)874-2550 .....	C	134
Deuel	Cody Eastman, Brandt (605)690-8891 .....	C	25
Douglas	Larry Vander Ley, Corsica (605)946-5409.....	C	30
Hughes	Skyler Dowling, Pierre (605)222-9065 .....	C	55
Jerauld	Leslie Tanke, Wessington (605)871-9216 .....	C	141
Jones	Rankin & Sons Inc., Draper (605)669-2511 .....	C	101
Lake	Mustang Seeds, Inc., Madison (605)256-6529 .....	C	205
Miner	Larry Lewis, Fedora (605)527-2451.....	C	48
Pennington	Bielmaier Farms, Wall (605)279-2841 .....	C	72
Pennington	Yardley & Co, Inc., Quinn (605)386-2375.....	C	56
Tripp	Jorgensen Land & Cattle, Ideal (605)842-3217 ....	C	14
<b>TOTAL</b>			<b>1517</b>

**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	Name, Address	Telephone	Class	Acres
Brookings	Foundation Seed Stocks, Brookings (605)688-5418.....		F	21
Deuel	Mark Buschenfeld, Toronto	(605)690-6773 .....	C	116
			<b>TOTAL</b>	<b>137</b>

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

County	Name, Address	Telephone	Class	Acres
Beadle	Jason Gruenhagen, DeSmet	(605)860-9959 .....	C	15
Day	J & J Horter Farm Partnership, Andover (605)216-4852.....		C	212
Deuel	Ron Tvedt, Brandt	(605)880-5383 .....	C	38
Lake	Mustang Seeds, Inc., Madison	(605)256-6529 .....	C	160
Minnehaha	Bly Family Farms, LLC, Garretson (605)690-4563.....		C	35
Roberts	Koeppe Seeds, Claire City	(605)652-4529 .....	C	90
			<b>TOTAL</b>	<b>550</b>

## RYE

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

County	Name, Address	Telephone	Class	Acres
Roberts	Koeppe Seeds, Claire City	(605)652-4529 .....	C	100
			<b>TOTAL</b>	<b>100</b>

## SOYBEANS

**BROOKINGS**—Brookings soybean was developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2012. Brook-

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

County	Name, Address Telephone	Class	Acres
Brookings	Foundation Seed Stocks, Brookings (605)688-5418.....	F	27
<b>TOTAL</b>			<b>27</b>

## TRITICALE

**841446398**—841446398 is a mid-tall, awnleted, 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. Note to inspectors: A bearded variant has been identified at less than 1%.

County	Name, Address Telephone	Class	Acres
Brookings	Millborn Seeds, Inc., Brookings (605)697-6306....	C	300
Tripp	Tritle, Carper, Cahill Homestead LLC, Winner ..... (605)208-6116.....	C	210
<b>TOTAL</b>			<b>510</b>

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

County	Name, Address Telephone	Class	Acres
Brookings	Millborn Seeds, Inc., Brookings (605)697-6306....	C	287
Tripp	Tritle, Carper, Cahill Homestead LLC, Winner ..... (605)208-6116.....	C	157
Tripp	Tritle, Carper, Cahill Homestead LLC, Winner ..... (605)208-6116.....	R	172
<b>TOTAL</b>			<b>616</b>



## DURUM

**ND RIVELAND**—ND Riveland durum was developed by the North Dakota State University Agricultural Experiment Station and released in 2017. ND Riveland, tested as D09690, was selected from the cross DT764/DH01146 made in 2005. ND Riveland is taller than Joppa and Carpio. The variety has good straw strength. The maturity of ND Riveland is 1 day earlier than Carpio and similar to Joppa. The spikes are lax, awned, oblong and erect. ND Riveland is moderately resistant to stem rust and leaf rust and has the best scab tolerance of all the varieties tested in the trials. The variety is protected under the Plant Variety Protection Act with the Title V certification option.

County	Name, Address	Telephone	Class	Acres
Perkins	Brandon Carey, Hettinger, ND	(701)928-0030.....	R	36
<b>TOTAL</b>				<b>36</b>

## HRS WHEAT

**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 05S0157-4. 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.

County	Name, Address	Telephone	Class	Acres
Spink	Nutrien Ag Solutions, Northville	(605)887-3422....	R	90
Spink	Nutrien Ag Solutions, Northville	(605)887-3422....	C	420
<b>TOTAL</b>				<b>510</b>

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

County	Name, Address	Telephone	Class	Acres
Stanley	Sioux Nation, LLC, Ft. Pierre	(605)223-2427.....	R	

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

of seed shall be Foundation, Registered and Certified. Application to the Plant Variety Protection office with the Title V certification option is anticipated for AP Murdock.

County	Name, Address	Telephone	Class	Acres
Day	Kuecker Seed Farm, Inc., Webster (605)345-3169.....		C	
Spink	Nutrien Ag Solutions, Northville	(605)887-3422....	C	
Stanley	Sioux Nation, LLC, Ft. Pierre	(605)223-2427.....	C	
Sully	Wittler Seed Farm, Agar	(605)258-2431.....	R	

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

County	Name, Address	Telephone	Class	Acres
Day	Kuecker Seed Farm, Inc., Webster (605)345-3169.....		R	
Stanley	Sioux Nation, LLC, Ft. Pierre	(605)223-2427.....	R	
Sully	Wittler Seed Farm, Agar	(605)258-2431.....	R	

**AP VENOM**—AP Venom is a hard red spring wheat bred and developed by Syngenta Seeds, Inc. - AgriPro of Berthoud, Colorado and released in 2019. The variety was tested as USW11200083-1-3. It is a standard semi-dwarf variety. AP Venom has a juvenile growth habit that is erect. Plant color at boot stage is green. Flag leaf at boot stage is recurved, twisted and wax absent. Head shape is oblong, with mid-dense density and erect curvature. The certified classes of seed shall be Foundation, Registered and Certified. AP Venom is protected under the Plant Variety Protection Act with the Title V certification option..

County	Name, Address	Telephone	Class	Acres
Stanley	Sioux Nation, LLC, Ft. Pierre	(605)223-2427.....	R	

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

County	Name, Address	Telephone	Class	Acres
Brookings	Foundation Seed Stocks, Brookings (605)688-5418.....		F	42
Brown	Locken Farms, Bath	(605)380-2264.....	R	50
Codington	Thyen Farms, Watertown	(605)520-8159.....	R	22

Corson	Howe Seeds, Inc., McLaughlin	(605)823-4892.....	R	209
Day	Hansmeier & Son, Inc., Bristol	(605)492-3611.....	R	625
Day	Kuecker Seed Farm, Inc., Webster	(605)345-3169.....	R	70
Deuel	Brandt Farms Inc., Clear Lake	(605)520-0442.....	R	15
Pennington	Bielmaier Farms, Wall	(605)279-2841 .....	R	75
Potter	John & Austin Lake, Gettysburg	(605)765-9547 ...	R	26
Potter	REH Farms, Inc., Gettysburg	(605)765-9552 .....	R	24
Spink	Rahm Seed Cleaning (Curtis), Turton	(605)897-6623.....	R	60
Sully	Wittler Seed Farm, Agar	(605)258-2431 .....	R	77
Tripp	Jorgensen Land & Cattle, Ideal	(605)842-3217 ....	R	23
Walworth	Fiedler Farms, Inc., Selby	(605)649-6280.....	R	60
Walworth	Jeff Frey, Mobridge	(605)848-1486.....	R	97
<b>TOTAL</b>				<b>1475</b>

**DRIVER**—Driver hard red spring wheat was developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2019. The variety was tested as SD4625 and was developed from the cross of MN06075-4/SD4165. Driver is a semi-dwarf variety, approximately 1” taller than Prevail. Driver has medium-late maturity, two days later than Prevail. Driver is moderately resistant to Fusarium head blight and bacterial leaf streak. Driver has adequate milling and baking characteristics, with good test weight and protein. Driver is protected under the Plant Variety Protection act with the Title V certification option. A royalty fee will be collected on all sales of Registered and Certified classes for seed purposes.

County	Name, Address	Telephone	Class	Acres
Beadle	Brad Wedel, Yale	(605)350-2923.....	C	182
Campbell	Weisbeck & Sons, Herreid	(605)437-2963.....	C	174
Codington	Thyen Farms, Watertown	(605)520-8159 .....	C	187
Corson	Howe Seeds, Inc., McLaughlin	(605)823-4892.....	C	532
Day	Kuecker Seed Farm, Inc., Webster	(605)345-3169.....	C	108
Deuel	Brandt Farms Inc., Clear Lake	(605)520-0442.....	R	19
Dewey	Alan Biegler, Timber Lake	(605)865-3231 .....	C	150
Edmunds	Eisenbeisz Farms, Bowdle	(605)285-6738 .....	C	305
Marshall	Moeckly Elevator, Inc., Britton	(605)448-2212.....	C	86
Pennington	Bielmaier Farms, Wall	(605)279-2841 .....	C	75
Potter	John & Austin Lake, Gettysburg	(605)765-9547 ...	R	25
Potter	REH Farms, Inc., Gettysburg	(605)765-9552 .....	C	177
Potter	REH Farms, Inc., Gettysburg	(605)765-9552 .....	R	25
Roberts	Koeppel Seeds, Claire City	(605)652-4529 .....	C	210
Spink	Rahm Seed Cleaning (Curtis), Turton	(605)897-6623.....	C	208
Tripp	Jorgensen Land & Cattle, Ideal	(605)842-3217 ....	C	165
Tripp	Jorgensen Land & Cattle, Ideal	(605)842-3217 ....	R	23
Walworth	Jeff Frey, Mobridge	(605)848-1486.....	C	208
Walworth	Jeff Frey, Mobridge	(605)848-1486.....	R	76
<b>TOTAL</b>				<b>2935</b>

**FOREFRONT**—Forefront hard red spring wheat was developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2011. The variety was tested as SD3997 and was developed from the population FN1700-155/FN1500-074/Walworth. Forefront is a tall semi-dwarf variety, similar in height to both Granger and Traverse. Forefront is an early maturing variety, approximately two days later than Brick.

The variety is moderately resistant to stem rust and Fusarium head blight. Forefront is moderately susceptible to stripe rust and leaf rust. Forefront has adequate milling and baking characteristics, with good test weight and protein. Forefront 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	Name, Address	Telephone	Class	Acres
Bennett	Kuxhaus Farms, Martin	(605)685-6004 .....	C	138
			<b>TOTAL</b>	<b>138</b>

**LCS BUSTER**—LCS Buster hard red spring wheat was developed by and released by Limagrain Cereal Seeds in 2021. The variety was tested as LNR16-2076. LCS Buster is an awned variety. The spike shape is strap, erect, with lax density. Glume shoulders are oblique and are narrow in width. The seed shape is ovate, with angular cheeks and long brush length, not collared. The certified classes of seed shall be Foundation, Registered and Certified. LCS Buster has protection under the Plant Variety Protection Act without the Title V certification option.

County	Name, Address	Telephone	Class	Acres
Spink	Jim Klebsch, Redfield	(605)460-1133 .....	C	
Sully	Ken Barber, Onida	(605)258-2708 .....	C	

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

County	Name, Address	Telephone	Class	Acres
Brown	Abeln Farm, Inc., Groton	(605)397-2452 .....	C	
Spink	Jim Klebsch, Redfield	(605)460-1133 .....	C	
Walworth	Fiedler Farms, Inc., Selby	(605)649-6280 .....	C	

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

County	Name, Address	Telephone	Class	Acres
Spink	Jim Klebsch, Redfield	(605)460-1133 .....	C	
Stanley	Sioux Nation, LLC, Ft. Pierre	(605)223-2427 .....	C	
Stanley	Sioux Nation, LLC, Ft. Pierre	(605)223-2427 .....	R	

**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	Name, Address	Telephone	Class	Acres
Brown	Abeln Farm, Inc., Groton	(605)397-2452	C	
Hyde	Mac's Corner Ag Supply, Highmore	(605)870-1421	C	
Pennington	Tyrel Eisenbraun, Wall	(605)685-3686	C	
Sully	Ken Barber, Onida	(605)258-2708	C	
Walworth	Fiedler Farms, Inc., Selby	(605)649-6280	C	

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

County	Name, Address	Telephone	Class	Acres
Codington	Thyen Farms, Watertown	(605)520-8159	C	91
Corson	Howe Seeds, Inc., McLaughlin	(605)823-4892	C	297
Day	Bisgard Farms, Waubay	(605)881-3385	C	250
Day	J & J Horter Farm Partnership, Andover	(605)216-4852	C	296
Deuel	K & K Farms, Inc., Clear Lake	(605)874-2322	C	163
Deuel	K & K Farms, Inc., Clear Lake	(605)874-2322	R	60
Edmunds	Eisenbeisz Farms, Bowdle	(605)285-6738	C	325
Edmunds	Eisenbeisz Farms, Bowdle	(605)285-6738	R	50
Hughes	Bollweg Farms (Michael), Harrod	(605)875-3440	C	283
McPherson	Jim Schauer, Leola	(605)439-3179	C	112
Misc.	Olsen Custom Farms, Hendricks, MN	(507)275-3176	C	120
Potter	John & Austin Lake, Gettysburg	(605)765-9547	R	23
Potter	REH Farms, Inc., Gettysburg	(605)765-9552	C	280
Potter	REH Farms, Inc., Gettysburg	(605)765-9552	R	25
Spink	Rahm Seed Cleaning (Curtis), Turton	(605)897-6623	R	60
Walworth	Fiedler Farms, Inc., Selby	(605)649-6280	C	239
Walworth	Jeff Frey, Mobridge	(605)848-1486	C	222
Walworth	Jeff Frey, Mobridge	(605)848-1486	R	78
			<b>TOTAL</b>	<b>2974</b>

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

County	Name, Address	Telephone	Class	Acres
Codington	Thyen Farms, Watertown	(605)520-8159 .....	C	130
Spink	Jim Klebsch, Redfield	(605)460-1133 .....	C	155
Spink	Rahm Seed Cleaning (Curtis), Turton	(605)897-6623.....	R	70
			<b>TOTAL</b>	<b>355</b>

**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	Name, Address	Telephone	Class	Acres
Codington	Thyen Farms, Watertown	(605)520-8159 .....	C	147
Corson	Howe Seeds, Inc., McLaughlin	(605)823-4892.....	C	200
Spink	Rahm Seed Cleaning (Curtis), Turton	(605)897-6623.....	C	78
Spink	Rahm Seed Cleaning (Curtis), Turton	(605)897-6623.....	R	65
Walworth	Gery Giese, Selby	(605)649-7832 .....	C	127
Walworth	Gery Giese, Selby	(605)649-7832 .....	R	30
			<b>TOTAL</b>	<b>647</b>

**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	Name, Address	Telephone	Class	Acres
Day	Kuecker Seed Farm, Inc., Webster (605)345-3169.....		C	
Day	Kuecker Seed Farm, Inc., Webster (605)345-3169.....		R	
Faulk	Carlson Farms, Seneca	(605)436-6203.....	C	
Spink	Nutrien Ag Solutions, Northville	(605)887-3422....	R	
Stanley	Sioux Nation, LLC, Ft. Pierre	(605)223-2427.....	C	
Stanley	Sioux Nation, LLC, Ft. Pierre	(605)223-2427.....	R	
Sully	Wittler Seed Farm, Agar	(605)258-2431.....	C	
Walworth	Stiegelmeier Farms, Selby	(605)845-6034.....	R	

**WB9590**—WB9590 is a hard red spring wheat, bred and developed by Monsanto Technology, LLC in 2017. It will be marketed in the Northern Plains region of the U.S. as a WestBred branded variety. The variety was tested as F9N12-0151. WB9590 is an early maturing variety. WB9590 is an awned, semi-dwarf variety with lax, inclined, tapered shaped spikes. The glumes are white/amber in color at maturity. WB9590 is susceptible to stripe rust, moderately resistant to leaf rust and moderately susceptible to scab. The certified classes of seed shall be Foundation, Registered and Certified. WB9590 is protected under the Plant Variety Protection Act.

County	Name, Address	Telephone	Class	Acres
Deuel	K & K Farms, Inc., Clear Lake	(605)874-2322.....	C	

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

County	Name, Address	Telephone	Class	Acres
Walworth	Stiegelmeier Farms, Selby	(605)845-6034.....	C	

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

County	Name, Address	Telephone	Class	Acres
Spink	Jim Klebsch, Redfield	(605)460-1133.....	C	
Walworth	Stiegelmeier Farms, Selby	(605)845-6034.....	C	
Walworth	Stiegelmeier Farms, Selby	(605)845-6034.....	R	

## HRW WHEAT

**ALLEGIANT 3063**—Allegiant 3063 is a white-chaffed hard red winter wheat bred and developed by Bayer Crop Science and released in 2019. The variety was tested as XB4710 and was later reviewed as 8441836. Allegiant 3063 is a tall variety, 7cm taller than LCS Chrome. The variety has a juvenile growth habit that is erect. Plant color at boot stage is blue green. Flag leaf at boot stage is erect and twisted with wax. Head shape is tapering and awned. CHS, Inc. has been given exclusive marketing rights to this variety.

County	Name, Address	Telephone	Class	Acres
Hughes	CHS River Plains, Pierre	(605)224-5935	C	

**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	Name, Address	Telephone	Class	Acres
Lyman	Herman Agri Inc., Presho	(605)869-2304	R	
Lyman	Karlen Ranch Partnership, Reliance	(605)473-5605	R	
Sully	Wittler Seed Farm, Agar	(605)258-2431	R	

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

County	Name, Address	Telephone	Class	Acres
Stanley	Sioux Nation, LLC, Ft. Pierre	(605)223-2427	C	

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



County	Name, Address	Telephone	Class	Acres
Hand	Nelson's HB Seed, Miller	(605)853-3025.....	C	
Stanley	Sioux Nation, LLC, Ft. Pierre	(605)223-2427.....	C	
Stanley	Sioux Nation, LLC, Ft. Pierre	(605)223-2427.....	R	
Sully	Wittler Seed Farm, Agar	(605)258-2431.....	C	
Sully	Wittler Seed Farm, Agar	(605)258-2431.....	R	

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

County	Name, Address	Telephone	Class	Acres
Spink	Jim Klebsch, Redfield	(605)460-1133.....	C	

**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	Name, Address	Telephone	Class	Acres
Brule	Christensen Grain Farm Part., Pukwana	(605)730-2269.....	C	130
Haakon	Golden Willow Seeds, Inc., Midland	(605)843-2187.....	C	319
Jones	Rankin & Sons Inc., Draper	(605)669-2511.....	C	343
Lyman	Herman Agri Inc., Presho	(605)869-2304.....	C	175
Tripp	Jorgensen Land & Cattle, Ideal	(605)842-3217....	C	207
<b>TOTAL</b>				<b>1174</b>

**IDEAL**—Ideal hard red winter wheat was developed by the South Dakota Agricultural Experiment Station (SD AES) and released in 2011 to seed producers by the developing institution. The line was tested as SD05118-1 and has the pedigree Wesley/NE93613. Ideal is white chaffed, awned, semi-dwarf wheat about 2 to 3 inches taller than Wesley. Ideal is a mid-maturity type, with maturity being about 2 days later than Wesley. Winter hardiness and resistance to lodging

are also similar to Wesley. Ideal is moderately resistant to stem rust, leaf rust and tan spot. The variety is susceptible to stripe rust, BYDV and WSMV. Ideal exhibits excellent tolerance to acid soils and partial resistance to Hessian fly. Ideal has acceptable milling and good baking properties. Ideal is protected under the U.S. Plant Variety Protection Act with Title V certification option. A royalty fee will be collected on all sales of Registered and Certified classes for seed purposes.

County	Name, Address	Telephone	Class	Acres
Brookings	Foundation Seed Stocks, Brookings (605)688-5418.....		F	20
Haakon	Golden Willow Seeds, Inc., Midland (605)843-2187.....		C	341
Tripp	Elevate Agronomics, Inc., Winner (605)840-0373.....		C	56
Tripp	Jorgensen Land & Cattle, Ideal	(605)842-3217 ....	C	163
Tripp	Jorgensen Land & Cattle, Ideal	(605)842-3217 ....	R	10
<b>TOTAL</b>				<b>590</b>

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

County	Name, Address	Telephone	Class	Acres
Sully	Ken Barber, Onida	(605)258-2708.....	C	

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

County	Name, Address	Telephone	Class	Acres
Spink	Ken Barber, Onida	(605)258-2708.....	C	

**MTF-1435**—MTF 1435 is a tall, medium-late maturing hard red winter wheat cultivar developed for forage and grain production by Montana State University in 2018. MTF 1435 is awnless and is targeted as a replacement for Willow Creek. The variety matures 5 days earlier than Willow Creek and has equal or better forage yield and quality.

MTF 1435 is 4-5" shorter than Willow Creek and has better stripe rust resistance. Winter hardiness is good for MTF 1435, and has good standability scores when compared to Willow Creek. The grain had good overall end-use qualities. MTF is proposed for licensed release outside Montana based on improved seed yield in comparison to Willow Creek, at similar forage yield potential..

County	Name, Address	Telephone	Class	Acres
Corson	Howe Seeds, Inc., McLaughlin	(605)823-4892.....	C	277
Stanley	Sioux Nation, LLC, Ft. Pierre	(605)223-2427.....	C	593
Stanley	Sioux Nation, LLC, Ft. Pierre	(605)223-2427.....	R	135
			<b>TOTAL</b>	<b>1005</b>

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

County	Name, Address	Telephone	Class	Acres
Bon Homme	Keith & Justin Rothschadl, Scotland	(605)857-0359.....	C	88
Davison	Wade Strand, Mitchell	(605)996-7533 .....	C	104
Haakon	Golden Willow Seeds, Inc., Midland	(605)843-2187 .....	C	155
			<b>TOTAL</b>	<b>347</b>

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

County	Name, Address	Telephone	Class	Acres
Charles Mix	Pharmco Industries, LLC, Platte	(605)337-3374...	C	285
Lyman	Herman Agri, Inc., Presho	(605)869-2304 .....	C	286
			<b>TOTAL</b>	<b>571</b>

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

County	Name, Address	Telephone	Class	Acres
Butte	Jeff Vetter, Belle Fourche	(605)415-3375.....	C	36
Custer	Brian Colgan, Hermosa	(605)390-5245.....	C	77
			<b>TOTAL</b>	<b>113</b>

**REDFIELD**—Redfield hard red winter wheat was developed by the South Dakota Agricultural Experiment Station (SD AES) and released in 2013 to seed producers by the developing institution. The line was tested as SD06158 and has the pedigree Wesley/CDC Falcon. Redfield is red chaffed, awned, semi-dwarf wheat about 1 inch taller than Wesley. Redfield is a mid-maturity type, with maturity being about 3 days later than Wesley. Winter hardiness and resistance to lodging are also similar to Wesley. The variety is moderately resistant to stem rust and moderately susceptible to leaf rust. Redfield has higher test weight and better resistance to Fusarium head blight than Wesley. Redfield is susceptible to WSMV and stripe rust. The variety has good milling and good baking properties. Redfield is protected under the Plant Variety Protection Act with the Title V certification option. A royalty fee will be collected on all sales of Registered and Certified classes for seed purposes.

County	Name, Address	Telephone	Class	Acres
Beadle	Brad Wedel, Yale	(605)350-2923.....	C	148
Charles Mix	Hansum Brothers (Larry), Platte	(605)680-1023...	C	318
Charles Mix	Erik Holter, Platte	(605)680-1216.....	R	30
Charles Mix	Pharmco Industries, LLC, Platte	(605)337-3374...	C	665
Charles Mix	Pharmco Industries, LLC, Platte	(605)337-3374...	R	50
Davison	Nick Lorang, Mt. Vernon	(605)770-5794.....	C	150
Lyman	Drew Reuman, Presho	(605)280-5330.....	C	120
Spink	Rahm Seed Cleaning (Curtis), Turton	(605)897-6623.....	C	130
Tripp	Elevate Agronomics, Inc., Winner	(605)840-0373.....	C	74
			<b>TOTAL</b>	<b>1685</b>

**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	Name, Address	Telephone	Class	Acres
Aurora	Joe Bosworth, White Lake	(605)680-2462.....	C	90
Brule	Christensen Grain Farm Part., Pukwana	(605)730-2269.....	C	130
Brule	Christensen Grain Farm Part., Pukwana	(605)730-2269.....	R	20
Charles Mix	Erik Holter, Platte	(605)680-1216.....	R	30
Davison	Nick Lorang, Mt. Vernon	(605)770-5794.....	C	230
Davison	Wade Strand, Mitchell	(605)996-7533.....	C	140
Day	Hansmeier & Son, Inc., Bristol	(605)492-3611.....	C	730
Jerauld	Broken Heart Ranch, Wess Springs	(605)999-1196.....	C	224
Potter	REH Farms, Inc., Gettysburg	(605)765-9552.....	C	136
Potter	REH Farms, Inc., Gettysburg	(605)765-9552.....	R	28
Spink	Rahm Seed Cleaning (Curtis), Turton	(605)897-6623.....	C	150
Tripp	Jorgensen Land & Cattle, Ideal	(605)842-3217....	R	21
			<b>TOTAL</b>	<b>1929</b>

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

County	Name, Address	Telephone	Class	Acres
Brule	Christensen Grain Farm Part., Pukwana	(605)730-2269.....	R	20
Davison	Nick Lorang, Mt. Vernon	(605)770-5794.....	R	75
Day	Hansmeier & Son, Inc., Bristol	(605)492-3611.....	R	201
Jerauld	Broken Heart Ranch, Wess Springs	(605)999-1196.....	R	35
			<b>TOTAL</b>	<b>331</b>

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

Certified seed stocks of SY 517 CL2 will likely be available in the fall of 2017. Plant Variety Protection is anticipated and SY 517 CL2 may only be sold as a class of certified seed.

County	Name, Address	Telephone	Class	Acres
Lyman	Herman Agri, Inc., Presho	(605)869-2304 .....	C	
Stanley	Sioux Nation, LLC, Ft. Pierre	(605)223-2427.....	R	

**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	Name, Address	Telephone	Class	Acres
Jerauld	MPM Certified Seed, Wess Springs	(605)770-6537.....	C	

**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	Name, Address	Telephone	Class	Acres
Lyman	Herman Agri, Inc., Presho	(605)869-2304 .....	C	
Stanley	Sioux Nation, LLC, Ft. Pierre	(605)223-2427.....	C	
Stanley	Sioux Nation, LLC, Ft. Pierre	(605)223-2427.....	R	
Sully	Wittler Seed Farms, Agar	(605)258-2431 .....	C	

**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. Application to the Plant Variety Protection office has been made with the Certification option.

County	Name, Address	Telephone	Class	Acres
Day	Kuecker Seed Farm, Inc., Webster (605)345-3169.....		C	
Kingsbury	Midstate Agronomy, DeSmet	(605)854-9282.....	C	
Lyman	Herman Agri, Inc., Presho	(605)869-2304 .....	C	
Lyman	Karlen Ranch Partnership, Reliance (605)473-5605.....		C	
Stanley	Sioux Nation, LLC, Ft. Pierre	(605)223-2427 .....	C	
Stanley	Sioux Nation, LLC, Ft. Pierre	(605)223-2427 .....	R	
Sully	Wittler Seed Farm, Agar	(605)258-2431 .....	C	
Walworth	Stiegelmeier Farms, Selby	(605)845-6034 .....	C	

**WB GRAINFIELD**—WB-Grainfield is a hard red winter wheat, bred and developed by Monsanto Technology, LLC and released in 2012. The variety was tested as HV9W06-509. WB-Grainfield is awned and white-chaffed at maturity. The spike is tapering, mid-dense, and inclined at maturity. WB-Grainfield has medium-tall height, and is medium-late in maturity. The variety has a medium-long coleoptile, and has very good winter hardiness in the central plains. WB-Grainfield has very good straw strength. Test weight and milling and baking characteristics are very good. WB-Grainfield is resistant to soil borne mosaic virus. The variety is moderately resistant to leaf rust, stem rust, stripe rust and WSMV. It is moderately susceptible to powdery mildew. WB-Grainfield is protected under the Plant Variety Protection Act.

County	Name, Address	Telephone	Class	Acres
Jones	Rankin & Sons Inc., Draper	(605)669-2511 .....	C	
Spink	Jim Klebsch, Redfield	(605)460-1133.....	C	

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

County	Name, Address	Telephone	Class	Acres
Brown	Agtegra Cooperative, Aberdeen	(888)429-4902...	C	
Spink	Jim Klebsch, Redfield	(605)460-1133.....	C	
Tripp	Elevate Agronomics, Inc., Winner (605)840-0373.....		C	
Walworth	Stiegelmeier Farms, Selby	(605)845-6034 .....	F	
Walworth	Stiegelmeier Farms, Selby	(605)845-6034 .....	C	

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

County	Name, Address	Telephone	Class	Acres
Spink	Jim Klebsch, Redfield	(605)460-1133	C	

**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	Name, Address	Telephone	Class	Acres
Brule	Christensen Grain Farm Part., Pukwana (605)730-2269		C	125
Charles Mix	Erik Holter, Platte	(605)680-1216	R	30
Codington	Thyen Farms, Watertown	(605)520-8159	C	256
Corson	Howe Seeds, Inc., McLaughlin	(605)823-4892	C	173
Davison	Nick Lorang, Mt. Vernon	(605)770-5794	C	152
Davison	Wayne Gronseth, Mitchell	(605)996-0805	R	88
Davison	Wade Strand, Mitchell	(605)996-7533	C	117
Gregory	Lance Matucha, Burke	(605)830-7810	R	40
Gregory	TDK Partnership, Fairfax	(605)654-2812	R	71
Haakon	Hand Brothers Partnership, Midland (605)567-3397		C	299
Hanson	Glen Henglefelt, Alexandria	(605)227-4535	R	87
Jerauld	MPM Certified Seed, Wess Springs (605)770-6537		C	1315
Lyman	Drew Reuman, Presho	(605)280-5330	C	115
Lyman	Drew Reuman, Presho	(605)280-5330	R	19
Pennington	Bielmaier Farms, Wall	(605)279-2841	R	50
Potter	Cronin Farms, Gettysburg	(605)765-9287	C	156
Potter	REH Farms, Inc., Gettysburg	(605)765-9552	C	230
Potter	REH Farms, Inc., Gettysburg	(605)765-9552	R	26
Spink	Jim Klebsch, Redfield	(605)460-1133	C	155
Stanley	Sioux Nation, LLC, Ft. Pierre	(605)223-2427	C	240
Sully	Matt Wittler Farms, Onida	(605)280-5299	R	20
Sully	Wittler Seed Farm, Agar	(605)258-2431	C	472
Tripp	Elevate Agronomics, Inc., Winner (605)840-0373		C	171
Tripp	Jorgensen Land & Cattle, Ideal	(605)842-3217	C	235
Tripp	Jorgensen Land & Cattle, Ideal	(605)842-3217	R	21
			<b>TOTAL</b>	<b>4663</b>



## SRW WHEAT

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

<b>County</b>	<b>Name, Address</b>	<b>Telephone</b>	<b>Class</b>	<b>Acres</b>
Spink	Jim Klebsch, Redfield	(605)460-1133.....	C	

# SEED GROWERS

Listed alphabetically by NAME

<b>Abeln Farm, Inc.</b> , 40344 134th Street Groton, SD 57445 .....	605-397-2452
<b>Agri Partners Inc.</b> , 47453 SD Hwy 22 Clear Lake, SD 57226.....	608-874-2550
<b>Agtegra Cooperative</b> , 908 Lamont St S Aberdeen, SD 57404.....	888-429-4902
<b>Barber, Ken</b> , 30385 187th St, PO Box 905 Onida, SD 57564.....	605-258-2708
<b>Bauder, Sean</b> , 41814 298th Street Tyndall, SD 57066.....	605-670-9186
<b>Biegler, Alan</b> , PO Box 188 Timber Lake, SD 57656-0188 .....	605-865-3231
<b>Bielmaier Farms</b> , PO Box 430 Wall, SD 57790-0430 .....	605-279-2841
<b>Bisgard Farms</b> , 14920 444th Avenue Waubay, SD 57273.....	605-881-3385
<b>Bly Family Farms, LLC</b> , 48687 257th Street Garretson, SD 57030 .....	605-690-4563
<b>Bollweg Farms</b> , 20210 322nd Avenue Harrold, SD 57536 .....	605-875-3440
<b>Bosworth, Joe</b> , 37644 252nd Street White Lake, SD 57383 .....	605-680-2462
<b>Brandt Farms Inc.</b> , 18013 470th Avenue Clear Lake, SD 57226.....	605-520-0442
<b>Broken Heart Ranch</b> , 23268 383rd Avenue Wess Springs, SD 57382.....	605-999-1196
<b>Buschenfeld, Mark</b> , 19379 472nd Avenue Toronto, SD 57268.....	605-690-6773
<b>Carey, Brandon</b> , 10383 156th Avenue Hettinger, ND 58639 .....	701-928-0030
<b>Carlson Farms</b> , 16573 334th Avenue Seneca, SD 57473.....	605-436-6203
<b>Chris Howard Ranch</b> , 19245 355th Avenue Miller, SD 57362.....	605-204-0299
<b>Christensen Grain Farm Part.</b> , 34517 252nd Street Pukwana, SD 57370 .....	605-730-2269
<b>CHS River Plains - Pierre</b> , 1919 E. Sioux Pierre, SD 57501-5830 .....	605-224-5935
<b>Colgan, Brian</b> , 14726 Lower Spring Creek Rd Hermosa, SD 57744.....	605-390-5245
<b>Cronin Farms</b> , 30431 167th Street Gettysburg, SD 57442.....	605-765-9287
<b>Dowling, Skyler</b> , 20493 Pheasant Pl Pierre, SD 57501.....	605-222-9065
<b>Eastman, Cody</b> , 405 Washington Street Brandt, SD 57218-0188 .....	605-690-8891
<b>Eisenbeisz Farms</b> , 32512 127th Street Bowdle, SD 57428-5005 .....	605-285-6738

<b>Eisenbraun, Tyrel</b> , 23245 Jensen Rd Wall, SD 57790 .....	605-685-3686
<b>Elevate Agronomics, Inc</b> , 27763-317th Avenue, E Hwy 44 Winner, SD 57580.....	605-840-0373
<b>Fiedler Farms Inc.</b> , 13073 309th Avenue Selby, SD 57472-5809.....	605-649-6280
<b>Foundation Seed Stocks</b> , 1211 N Campus Dr. SDSU Box 2125 Brookings, SD 57007-1096.....	605-688-5418
<b>Frericks, Stacey</b> , 38803 165th Street Ashton, SD 57424.....	605-460-0887
<b>Fuoss, Bob</b> , 27987 236th Street Draper, SD 57531 .....	605-669-2908
<b>Giese, Gerhard</b> , 30051 137th Street Selby, SD 57472.....	605-649-7832
<b>Golden Willow Seeds Inc.</b> , 21304 238th Avenue Midland, SD 57552-3122 .....	605-843-2187
<b>Green Cover Seed</b> , 918 Road X Bladen, NE 68928.....	402-469-6784
<b>Green Thumb Commodities</b> , 21718 445th Avenue, PO Box J Oldham, SD 57051-0018 .....	605-482-8295
<b>Gronseth, Wayne</b> , 1428 Sawgrass Avenue Mitchell, SD 57301 .....	605-996-0805
<b>Gruenhagen, Jason</b> , PO Box 472 DeSmet, SD 57231 .....	605-860-9959
<b>Halls Seed LLC</b> , 20466 451st Ave Arlington, SD 57212.....	605-690-3594
<b>Hand Brothers Partnership</b> , 24704 204th Street Midland, SD 57552.....	605-567-3397
<b>Hansmeier &amp; Son</b> , 77 South Main, PO Box 136 Bristol, SD 57219 .....	605-492-3611
<b>Hansum Brothers</b> , 37315 275th Street Platte, SD 57369.....	605-680-1023
<b>Henglefelt, Glen</b> , 46589 418th Avenue Alexandria, SD 57311 .....	605-227-4535
<b>Herman Agri Inc.</b> , 31120 252nd Street Presho, SD 57568.....	605-869-2304
<b>Heuer, Allen</b> , 15262 457th Avenue Summit, SD 57266.....	605-868-0914
<b>Hespe, Wyatt</b> , PO Box 24 Murdo, SD 57559.....	605-530-0247
<b>Holter, Erik</b> , 36193 282nd Street Platte, SD 57369.....	605-680-1216
<b>Howe Seeds, Inc.</b> , PO Box 496 McLaughlin, SD 57642.....	605-823-4892
<b>J &amp; J Horter Farm Partnership</b> , 13808 SD Hwy 27 Andover, SD 57422.....	605-216-4852
<b>Jackson, Eric</b> , 705 Dakota Avenue N Wess Springs, SD 57382-2058.....	605-680-3713
<b>Jackson, Kelly</b> , Box 458 Woonsocket, SD 57385 .....	605-350-0845
<b>Jfrey Inc.</b> , 12532 290th Avenue Mobridge, SD 57601 .....	605-848-1486

<b>Jorgensen Land &amp; Cattle</b> , 31250 265th Street Ideal, SD 57541 .....	605-842-3217
<b>K &amp; K Farms Inc.</b> , 47244 181st Street Clear Lake, SD 57226-5439.....	605-874-2322
<b>Kappenman, Larry</b> , 45133 Hawk Drive Montrose, SD 57048 .....	605-638-0464
<b>Karlen Ranch Partnership</b> , 33055 235th St, PO Box 1343 Reliance, SD 57569 .....	605-473-5605
<b>Kirsch Farms</b> , 37016 263rd Street White Lake, SD 57383 .....	605-337-9658
<b>Klebsch, Jim</b> , 38701 170th Street Redfield, SD 57469.....	605-460-1133
<b>Knutson, Larry</b> , 515 Northridge Road Estelline, SD 57234.....	605-873-2603
<b>Koehlmoos, Norman</b> , 43480 205th Street DeSmet, SD 57231-5816.....	605-854-3524
<b>Koeppe Seeds</b> , PO Box 64 Claire City, SD 57224-0064 .....	605-652-4529
<b>Kuecker Seed Farm</b> , 14762 438th Avenue Webster, SD 57274-6027.....	605-345-3169
<b>Kuxhaus Farms</b> , 28869 202nd Avenue Martin, SD 57551 .....	605-685-6004
<b>LaBolt Farmers Grain</b> , Box 75 Central Avenue Waverly, SD 57201 .....	605-882-4095
<b>Lake, John &amp; Austin</b> , 1105 E Garfield Avenue Gettysburg, SD 57442.....	605-765-9547
<b>Leiseth, Dustin</b> , 17959 443rd Avenue Hazel, SD 57242.....	605-520-0996
<b>Leisinger, Matt</b> , 18451 338th Avenue Highmore, SD 57345.....	605-852-2180
<b>Lewis, Larry</b> , 42243 230th Street Fedora, SD 57337.....	605-527-2451
<b>Locken Farms</b> , 39643 137th Street Bath, SD 57427.....	605-380-2264
<b>Lorang, Nick</b> , 25406 398th Avenue Mt. Vernon, SD 57363.....	605-770-5794
<b>LW Sales, Inc.</b> , 300 Railroad Ave, PO Box 668 Groton, SD 57445 .....	605-397-8111
<b>Mac's Corner Ag Supply</b> , 33553 SD Hwy 34 Highmore, SD 57345.....	605-870-1421
<b>Malsam Farms, Inc.</b> , 12988 342nd Avenue Roscoe, SD 57471 .....	605-380-7832
<b>Matt Wittler Farms</b> , 805 South Main Street Onida, SD 57564.....	605-280-5299
<b>Matucha, Lance</b> , 34642 Frey Road Burke, SD 57523-0445.....	605-830-7810
<b>Midstate Agronomy</b> , 43204 Highway 14, PO Box 10 DeSmet, SD 57231-0010.....	605-854-9282
<b>Millborn Seeds, Inc</b> , 2132 32nd Avenue Brookings, SD 57006 .....	605-697-6306
<b>Misar, Mark</b> , 41721 294th Street Scotland, SD 57059 .....	605-661-1094

<b>Moeckly Elevator, Inc.</b> , 41648 SD Hwy 10 Britton, SD 57430-5505.....	605-448-2212
<b>MPM Certified Seed</b> , 22875 383rd Avenue Wess Springs, SD 57382.....	605-770-6537
<b>Mustang Seeds, Inc.</b> , 306 S. Washington, PO Box 466 Madison, SD 57042.....	605-256-6529
<b>Nelson's HB Seed</b> , 1020 N Broadway, PO Box 87 Miller, SD 57362.....	605-853-3025
<b>Norberg, Dean</b> , 34536 282nd Street Burke, SD 57523.....	605-830-2062
<b>Nutrien Ag Solutions</b> , 10 W Main Street, PO Box 109 Northville, SD 57465.....	605-887-3422
<b>Olsen Custom Farms</b> , 1355 300th Street Hendricks, MN 56136.....	507-275-3176
<b>Pharmco Industries - Platte</b> , 36590 SD Hwy 44 Platte, SD 57369.....	605-337-3374
<b>Rahm Seed Cleaning</b> , 40340 161st Street Turton, SD 57477.....	605-897-6623
<b>Rankin &amp; Sons Inc.</b> , 27924 239th Street Draper, SD 57531.....	605-669-2511
<b>REH Farms Inc.</b> , 16332 SD Hwy 1804 Gettysburg, SD 57442.....	605-765-9552
<b>Reuman, Drew</b> , PO Box 12 Presho, SD 57568.....	605-280-5330
<b>Roitsch, Jerry</b> , 60 - 5th Avenue E. Bristol, SD 57219-5804.....	605-492-3330
<b>Rothschadl, Keith &amp; Justin</b> , 41612 298th Street Tyndall, SD 57066.....	605-857-0359
<b>Salverson, Evan</b> , 11727 303rd Avenue Mound City, SD 57646-6203.....	605-848-0009
<b>Schauer, Jim</b> , 11698 363rd Avenue Leola, SD 57456-6405.....	605-439-3179
<b>Sioux Nation, LLC</b> , PO Box 452 Ft. Pierre, SD 57532.....	605-223-2427
<b>Spieker, David</b> , 19345 423rd Avenue Willow Lake, SD 57278.....	605-625-3685
<b>Stiefvater, Kurt</b> , 25108 445th Avenue Salem, SD 57058.....	605-360-1618
<b>Stiegelmeier Farms</b> , 13402 306th Avenue Selby, SD 57472-5802.....	605-845-6034
<b>Strand, Wade</b> , 25798 409th Avenue Mitchell, SD 57301-5801.....	605-996-7533
<b>Sumption Farms</b> , 10997 390th Avenue Frederick, SD 57441.....	605-380-1016
<b>Tanke, Leslie</b> , 37439 232nd Street Wess Springs, SD 57382.....	605-871-9216
<b>TDK Partnership</b> , 37067 Hwy 18 Fairfax, SD 57335.....	605-654-2812
<b>Thyen Farms</b> , 46220 165th Street Watertown, SD 57201-8765.....	605-520-8159
<b>Tritle, Carper, Cahill Homestead LLC</b> , 27495 SD Hwy 49 Winner, SD 57580.....	605-208-6116

<b>Troske, Rory</b> , 40559 162nd Street Turton, SD 57477-5911.....	605-897-6656
<b>Tvedt, Ron</b> , 18541 478th Avenue Brandt, SD 57218-0188 .....	605-880-5383
<b>Vander Ley, Larry</b> , 38051 273rd Street Corsica, SD 57328 .....	605-946-5409
<b>Van Dusseldorp Ag</b> , 521 Wisconsin Ave, PO Box 308 Platte, SD 57369.....	605-337-3052
<b>Vetter, Jeff</b> , 1805 10th Avenue Belle Fourche, SD 57717 .....	605-415-3375
<b>Wedel, Brad</b> , 19772 409th Avenue Yale, SD 57386 .....	605-350-2923
<b>Weisbeck &amp; Sons</b> , 11193 US Hwy 83 Herreid, SD 57632-5802 .....	605-437-2963
<b>Wittler Seed Farm</b> , PO Box 29 Agar, SD 57520.....	605-258-2431
<b>Yardley &amp; Co, Inc.</b> , 20101 Kelly Hill Rd. Quinn, SD 57775.....	605-386-2375

# South Dakota Seed Trade Association Members

## **Albert Lea Seed House**

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

## **Arrow Seed Co Inc.**

PO Box 722, Broken Bow NE 68822

## **Barber Chemicals**

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

## **Elevate Agronomics, Inc.**

27763 317th Ave, Winner SD 57580

## **Fairway Seed**

802 Depot St, PO Box 580, Armour SD 57313

## **Foothills Seed, Inc.**

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

## **Golden Willow Seeds, Inc.**

21304 238th Ave, Midland SD 57552-9002

## **Halls Seed, LLC**

20466 451st Ave, Arlington SD 57212

## **Hansmeier & Son, Inc.**

77 South Main, PO Box 136, Bristol SD 57219

## **Heine Hybrid Seed Corn**

1020 E 320th St, Vermillion SD 57064

## **Helena Agri Enterprises**

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

## **Howe Seeds, Inc.**

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

## **Jorgensen Land & Cattle**

31250 265th St, Ideal SD 57541

## **Kuecker Seed Farm, Inc.**

14762 438th Ave, Webster SD 57274

## **Millborn Seeds, Inc.**

2132 32nd Ave, Brookings SD 57006

## **MPM Certified Seed**

22875 383rd Ave, Wessington Springs SD 57382

## **Mustang Seeds, Inc.**

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

## **Nelson's HB Seed**

PO Box 87, Miller SD 57362-0087

## **Olsen Custom Farms**

1024 County Hwy 17, Hendricks MN 56136

## **Reuman Ag, LLC**

30403 SD Hwy 248, Presho SD 57568

## **Seed Exchange**

PO Box 247, Platte SD 57369

## **Sexauer Discount Farm Services, Inc.**

PO Box 540, Brookings SD 57006

**SGS North America, Inc.**

1405 32nd Ave, Brookings SD 57006

**Sharp Seed**

1005 S Sycamore, Healy KS 67850

**Sioux Nation, LLC**

PO Box 452, Ft Pierre SD 57532

**Turnis Farm Service**

200 N Main, Platte SD 57369

**Trask Family Seeds**

21355 Elm Springs Rd, Wasta SD 57791

**Van Dusseldorp Ag**

521 Wisconsin Ave, PO Box 308, Platte SD 57369



# Approved Certified Seed Conditioners

The following seed conditioning plants have been approved for cleaning South Dakota Certified Seed for the 2022-2023 year:  
(Sorted alphabetically by town)

NAME, TOWN, PHONE	CROPS ELIGIBLE TO CONDITION	
Hall's Seed LLC 20466 451st Avenue <b>Arlington, SD 57212</b>	605-690-3594	Buckwheat, field peas, millet, small grains, soybeans
Fairway Seed Company 802 Depot, PO Box 580 <b>Armour, SD 57313-0580</b>	605-724-2401/ 605-770-2896	All crops
*Custom Grain Cleaning PO Box 522 <b>Bath, SD 57427-0522</b>	605-226-3540/ 605-380-0513	Small grains, Portable Cleaner
Eisenbeisz Farms, Inc. 32512 127th Street <b>Bowdle, SD 57428-5005</b>	605-285-6738/ 605-281-1154	Small grains
Hansmeier & Son, Inc. 77 S. Main Street, PO Box 136 <b>Bristol, SD 57219-0136</b>	605-377-3325/ 605-492-3531 605-492-3611	All crops
Moeckly Elevator, Inc. 41648 SD Highway 10 <b>Britton, SD 57430-5505</b>	605-448-2212/ 605-237-2054	Corn, millet, small grains, soybeans
Arrow Seed Co., Inc. 126 North 10th Ave, PO Box 722 <b>Broken Bow, NE 68822-0722</b>	800-622-4727	Grasses, small grains, small-seeded legumes
Sexauer Discount Farm Services, Inc. PO Box 540 <b>Brookings, SD 57006-0540</b>	605-696-7924	Millet, small grains
*Pharmco Industries, LLC 1250 E. King Avenue <b>Chamberlain, SD 57325</b>	605-234-5209/ 605-730-0624	Small grains, Portable Cleaner
Koeppe Seeds PO Box 64 <b>Claire City, SD 57224-0064</b>	605-652-4529/ 605-742-4336	Buckwheat, flax, millet, small grains, soybeans
B & L Ag Inc. 18257 471st Avenue <b>Clear Lake, SD 57226</b>	605-956-1389	Small grains

\* Portable Cleaner

*Voeller Superior Seed Grading 11475 391st Avenue <b>Columbia, SD 57433</b>	701-320-4486/ 701-320-0934	Small grains, Portable Cleaner
*Grain Conditioning 2 Inc. 11065 MacDonald Avenue <b>Conifer, CO 80433</b>	724-650-5774	Wheat, Portable Cleaner
Legend Seeds Processing Plant PO Box 241 <b>DeSmet, SD 57231-0241</b>	800-678-3346/ 605-854-3346	Soybeans
Cleaning plant is located near Willow Lake, along Hwy 25.		
CHS Dakota Prairie 1026th Avenue, PO Box 8 <b>Edgeley, ND 58433-0008</b>	701-493-2808/ 701-493-2481	Flax, small grains, soybeans
*Mid Dakota Seed Service PO Box 373 <b>Faulkton, SD 57438-0373</b>	605-460-1119	Millet, small grains, soybeans, Portable Cleaner
Dakota Mill & Grain, Inc. 507 Elevator Road, PO Box 338 <b>Ft. Pierre, SD 57532-0338</b>	605-223-2557/ 605-223-2558	Small grains
*Sioux Nation, LLC PO Box 452 <b>Ft. Pierre, SD 57532</b>	605-223-2427/ 605-223-3101	Field Peas, flax, millet, pulse crops, small grains, Portable Cleaner
*Sioux Nation of Fort Pierre 504 Deadwood, PO Box 452 <b>Ft. Pierre, SD 57532</b>	605-223-2427/ 605-223-3101	Field Peas, flax, millet, pulse crops, small grains, Portable Cleaner
Rix Farms Inc. 12960 406th Avenue <b>Groton, SD 57445-5475</b>	605-397-7118	Millet, soybeans, wheat
LW Sales, Inc. PO Box 668 <b>Groton, SD 57445</b>	605-397-8111	Small grains
*Pullan Grain Cleaning 14041 402nd Avenue <b>Groton, SD 57445</b>	605-395-6456	Small grains, soybeans, Portable Cleaner
*General Grain Cleaning 930 115th Avenue SE <b>Hannaford, ND 58448</b>	701-769-2300/ 800-797-3268	Dry beans, small grains, soybeans, Portable Cleaner

\* Portable Cleaner

*General Grain Cleaning #2 930 115th Avenue SE <b>Hannaford, ND 58448</b>	701-769-2300/ 800-797-3268	Dry beans, small grains, soybeans, Portable Cleaner
OCF Seeds 1355 300th Street <b>Hendricks, MN 56136</b>	507-275-3176/ 605-690-0918	Millet, small grains
*Cotten Seed Service 203 2nd Street, PO Box 125 <b>Henry, SD 57243-0125</b>	605-532-3738/ 605-881-6178	Small grains, soybeans, Portable Cleaner
*Weisbeck & Sons 11193 US Highway 83 <b>Herreid, SD 57632-5802</b>	605-437-2963/ 605-230-0089	Small grains, Portable Cleaner
*Mac's Corner Ag Supply 33553 SD Hwy 34 <b>Highmore, SD 57345</b>	605-852-9280/ 605-870-1421	Small grains, Portable Cleaner
*Jorgensen Land & Cattle 31250 265th Street <b>Ideal, SD 57541</b>	605-842-3217	Small grains, Portable Cleaner
*Mark Perrion Grain Cleaning 212 Cambridge Avenue <b>Ipswich, SD 57451</b>	605-216-6836	Small grains, Portable Cleaner
Green Thumb Commodities PO Box 218 <b>Jefferson, SD 57038-0218</b>	402-253-9162	Small grains
*Pharmco Industries, LLC 36704 252nd Street <b>Kimball, SD 57355</b>	605-778-6579/ 605-682-9175	Small grains, Portable Cleaner
Howe Seeds, Inc. 11198 272nd Avenue, PO Box 496 <b>McLaughlin, SD 57642</b>	605-823-4892/ 605-845-5892	Flax, pulse crops, small grains, small-seeded legumes
Mustang Seed Cleaning Plant PO Box 466 <b>Madison, SD 57042-0466</b> Plant is located 13 miles north of Highmore, SD.	605-256-6529/ 605-270-7540 (Jason) 605-871-3624 (Matt)	Oats
Golden Willow Seeds, Inc. 21304 238th Avenue <b>Midland, SD 57552-3122</b>	605-843-2187/ 605-843-2809/ 605-685-5911	Grasses, small grains, small-seeded legumes, sorghum

\* Portable Cleaner

*Van Tassel Seed Cleaning 21306 238th Avenue <b>Midland</b> , SD 57552-4008	605-843-2171/ 605-685-4406	Millet, safflower, small grains, sunflower, Portable Cleaner
Stengel Seed & Grain 14698 SD Highway 15 <b>Milbank</b> , SD 57252-5424	605-432-6030	Flax, small grains, soybeans
*Nelson's HB Seed 1020 North Broadway, PO Box 87 <b>Miller</b> , SD 57362-0087	605-853-3025/ 605-870-1472/ 605-870-3048	Grasses, small grains, small-seeded legumes, soybeans, Portable Cleaner
North Central Seed Co. PO Box 1008 <b>Mitchell</b> , SD 57301-1008	605-996-5451	Grasses, small grains, small-seeded legumes
*Wade Strand 25798 409th Avenue <b>Mitchell</b> , SD 57301-5801	605-996-7533/ 605-770-8790	Small grains, Portable Cleaner
Frey Seed 12532 290th Avenue <b>Mobridge</b> , SD 57601	605-848-1486	Millet, small grains
*Heskin Grain Processing, Inc. 19-1st Street NE, PO Box 111 <b>New Rockford</b> , ND 58356-0111	701-947-5111/ 701-302-0653/ 701-947-5114	Wheat, field peas, Portable Cleaner
*Heskin Grain Processing, Inc. #2 19-1st Street NE, PO Box 111 <b>New Rockford</b> , 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 <b>Northville</b> , SD 57465	605-887-3422	Field peas, small grains, soybeans
Green Thumb Commodities 21718 445th Avenue, PO Box J <b>Oldham</b> , SD 57051-0018	605-482-8295/ 800-843-3327	Flax, millet, small grains, Small-seeded legumes
Fanger & Fanger Seed Cleaning LLC 30624 191st Street <b>Onida</b> , SD 57564	605-222-0982	Field peas, lentils, millet, small grains, Portable Cleaner
Dakota's Best Seed Co., Inc. 36656 West Hwy 44 <b>Platte</b> , SD 57369-6337	605-337-3318/ 605-337-3319/ 605-680-4284	Grasses, small grains, small-seeded legumes

\* Portable Cleaner

*Pharmco Industries, LLC 36590 SD Hwy 44 <b>Platte</b> , SD 57369	605-337-3374	Small grains, Portable Cleaner
Seed Exchange (Conditioning Plant) 36787 SD Hwy 44, PO Box 247 <b>Platte</b> , SD 57369-0247	605-337-9882	All crops
*Seed Exchange PO Box 247 <b>Platte</b> , SD 57369-0247	605-337-9882	Small grains, Portable Cleaner
Van Dusseldorp Ag PO Box 308 <b>Platte</b> , SD 57369	605-337-3052/ 605-730-0355	Millet, oats
*Reuman Ag 30403 SD Hwy 248 <b>Presho</b> , SD 57568	605-683-4175/ 605-222-1712	Small grains, Portable Cleaner
*Reuman Seed Farm PO Box 12 <b>Presho</b> , SD 57568	605-280-5330	Field peas, millet, Small grains, Portable Cleaner
Fiedler Farms, Inc. 13073 309th Avenue <b>Selby</b> , SD 57472-5809	605-845-6700/ 605-649-6280/ 605-649-7795	Millet, small grains
Foothills Seeds, Inc. 2323 South Junction Avenue PO Box 338 <b>Sturgis</b> , SD 57785-0338	605-347-4578	Grasses, small grains, small-seeded legumes
*Rahm Seed Cleaning 40340 161st Street <b>Turton</b> , SD 57477	605-897-6623/ 605-897-6540/ 605-887-7300/ 605-887-7800 (Jason)	Small grains, Portable Cleaner
*Spink County Grain Cleaners, Inc. 40604 161st Street <b>Turton</b> , SD 57477-5900	605-897-6628/ 605-635-6281	Small grains, Portable Cleaner
*Joe Blotske Grain Cleaning, LLC PO Box 694 <b>Underwood</b> , ND 58576-0694	701-442-3549/ 701-400-1792	Small grains, Portable Cleaner
*Blotske's Grain Cleaning (Dale) PO Box 167 <b>Underwood</b> , ND 58576-0167	701-301-2585	Wheat, Portable Cleaner

\* Portable Cleaner

Pioneer Hi-Bred Int., Inc. 17835 Hwy 13 West, PO Box 93 <b>Wahpeton, ND 58074-0093</b>	701-642-5300	Soybeans
*Sandal Seed Cleaning 703 Hustead Street <b>Wall, SD 57790</b>	605-441-7921	Field peas, millet, safflower, small grains Portable Cleaner
*Sandal Seed Cleaning #2 703 Hustead Street <b>Wall, SD 57790</b>	605-441-7921	Field peas, millet, safflower, Small grains, Portable Cleaner
*Quality Seed Service 17613 449th Avenue <b>Watertown, SD 57201-7675</b>	605-881-7000	Soybeans, wheat, Portable Cleaner
Agwrx Cooperative 811 B N Drive <b>Watertown, SD 57201</b>	605-886-4406	Flax, small grains
*Thyen Farms 46220 165th Street <b>Watertown, SD 57201</b>	605-520-8159	Wheat Portable Cleaner
LaBolt Farmers Grain 75 Central Avenue <b>Waverly, SD 57201</b>	605-882-4095/ 605-881-9850	Small grains
Kuecker Kountry Farms 43846 147th Street <b>Webster, SD 57274-6025</b>	605-345-4601/ 605-345-4328/ 605-345-3463/ 605-265-0229	Millet, small grains, soybeans
Kuecker Seed Farm, Inc. 14762 438th Avenue <b>Webster, SD 57274-6027</b>	605-345-3169/ 605-345-4397/ 605-380-3925	Flax, millet, small grains, soybeans
JH Clean Grain Solutions 19549 382nd Avenue <b>Wessington, SD 57381</b>	605-350-0636	Field peas, hemp, millet, small grains, soybeans
MPM Certified Seed 22875 383rd Avenue <b>Wessington Springs, SD 57382</b>	605-770-6537/ 605-539-0070	All crops
*Gene's Custom Grain Cleaning 11646 387th Avenue <b>Westport, SD 57481</b>	605-290-1236	Small grains, Portable Cleaner

\* Portable Cleaner

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Elevate Agronomics, Inc. 27763 317th Ave, E Hwy 44 <b>Winner, SD 57580</b>	605-842-0481/ 605-840-0373	Small grains, small-seeded legumes
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*Pharmco Industries, LLC 27768 317th Ave <b>Winner, SD 57580</b>	605-840-0730	Small grains, Portable Cleaner
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\* **Portable Cleaner**

# Approved Bulk Retail Facilities

(Sorted alphabetically by town)

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H&H Agronomy LLC, dba Kelsey Seed & Ag Service 605-849-3454/  
421 - 5th Street S 605-350-7242  
**Alpena, SD 57312**

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S S & H Ag Supplies, Inc. 605-472-1020/  
12 West Main 605-450-1131  
**Ashton, SD 57424-0246**

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

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

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

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Agtegra Cooperative 605-352-7210/  
535 415th Avenue, PO Box 113 605-350-4076  
**Carpenter, SD 57322-0113**

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

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Triplasher Seed Company 605-680-3508  
24908 346th Avenue  
**Chamberlain, SD 57325**

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

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CHS Farmer's Alliance 605-946-6215/  
PO Box 65 605-946-6200  
**Corsica, SD 57328-0065**

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Agland Coop - A & D Fertilizer 605-779-2003/  
39833 US Highway 18 605-928-3627/  
**Delmont, SD 57330-6908** 605-770-3783

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Midstate Agronomy 43204 U.S. Hwy 14, PO Box 10 <b>DeSmet</b> , SD 57231-0010	605-854-9282/ 605-203-1694
CHS River Plains #1 RR Street, PO Box 127 <b>Dupree</b> , SD 57623-0127	605-365-5331/ 605-365-5332/ 800-564-0883
CHS River Plains PO Box 276 <b>Fairfax</b> , SD 57335-0276	605-654-2619/ 605-830-0848
Agtegra Cooperative 16253 355th Avenue, PO Box 69 <b>Faulkton</b> , SD 57438	605-598-6500
CHS River Plains 609 9th Avenue S. <b>Faulkton</b> , SD 57438	605-598-4532
CHS Farmer's Alliance 803 N. US Hwy 81, PO Box F <b>Freeman</b> , SD 57029	605-925-7424/ 605-648-3231/ 605-660-3371
Beringer Seed Sales LLC 16188 314th Avenue, PO Box 82 <b>Gettysburg</b> , SD 57442	605-769-0272
Brown Agronomy 30831 U.S. Hwy 212, PO Box 305 <b>Gettysburg</b> , SD 57442	605-765-9133
CHS River Plains 503 North Potter <b>Gettysburg</b> , SD 57442-1029	605-765-2476/ 605-765-2498
Abeln Farm, Inc. 40344 134th Street <b>Groton</b> , SD 57445	605-397-2452
Bollweg Farms (Michael) 20210 322nd Avenue <b>Harrold</b> , SD 57536	605-875-3440/ 605-870-1725
Agtegra Cooperative 32080 U.S. Hwy 14, PO Box 3 <b>Harrold</b> , SD 57536-0003	605-875-3375

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Agtegra Cooperative 525 Commercial Ave. NE, PO Box 352 <b>Highmore, SD 57345</b>	605-852-2558/ 605-350-7264
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Simplot Grower Solutions 200 U.S. Hwy 14 E., PO Box 564 <b>Highmore, SD 57345</b>	605-852-2777/ 605-295-0461
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Western Consolidated Cooperative PO Box 78 <b>Holloway, MN 56249</b>	605-432-4531/ 320-394-2171 Located in Twin Brooks
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Hoven Equity Exchange PO Box 785 <b>Hoven, SD 57450-0785</b>	605-948-2226
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Howard Farmers Coop Assn. 310 W Hwy 34, PO Box 706 <b>Howard, SD 57349-0706</b>	605-772-5543/ 605-579-0352
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Agtegra Cooperative 1000 4th Street NW, PO Box 18 <b>Huron, SD 57350-0018</b>	605-352-4390/ 605-352-4404
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Agtegra Cooperative 36075 U.S. Hwy 12, PO Box 366 <b>Ipswich, SD 57451</b>	605-426-6999/ 605-426-6021
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Helena Agri-Enterprises 128 N Sioux Street, PO Box 68 <b>Iroquois, SD 57353</b>	605-546-2504/ 605-256-3973
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CHS River Plains 224 North Main, PO Box 15 <b>Isabel, SD 57633-0015</b>	605-466-2159
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Agtegra Cooperative PO Box 157 <b>Java, SD 57452</b>	605-649-6291
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Agtegra Cooperative 115 N. SD Hwy 273, PO Box 99 <b>Kennebec, SD 57544</b>	605-869-2255
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Agtegra Cooperative 36694 Iron Horse Drive <b>Kimball, SD 57355</b>	605-778-6141
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LaBolt Farmers Grain 102 E. Georgia Avenue, PO Box 91 <b>LaBolt</b> , SD 57246-0091	605-623-4581
Prairie Ag Partners PO Box 158 <b>Lake Preston</b> , SD 57249-0158	605-847-4551
Agtegra Cooperative 605 Railroad Street <b>Lebanon</b> , SD 57455	605-768-9465
Southwest Grain, Division of CHS, Inc. 201 2nd Street E., PO Box 239 <b>Lemmon</b> , SD 57638-0239	605-374-3301
Agtegra Cooperative 109 Elevator Road, PO Box 640 <b>McLaughlin</b> , SD 57642-0640	605-823-4441
Mustang Seeds 306 South Washington, PO Box 466 <b>Madison</b> , SD 57042-0466	605-256-6529/ 800-952-2324/ 605-270-7540
Fremar, LLC (Dimock) PO Box 357 <b>Marion</b> , SD 57043-0357	605-928-3392  Located in Dimock
Agtegra Cooperative PO Box 107 <b>Mellette</b> , SD 57461-0107	605-887-3572
Helena Agri Enterprises PO Box 465 <b>Menno</b> , SD 57045-0465	605-387-5513 605-464-0078
Buy Rite Seed, LLC 35539 U.S. Hwy 14 <b>Miller</b> , SD 57362	605-853-2513/ 605-204-0217/ Dale 605-870-2515/ Ryan 605-530-1895 Mick
Agtegra Cooperative PO Box 425 <b>Miller</b> , SD 57362-0425	605-853-3006
Wilbur Ellis Air, LLC 609 14th Street W., PO Box 414 <b>Miller</b> , SD 57362	605-853-2382/ 605-461-3292

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

Karlen Ranch Partnership 33055 235th St, PO Box 1343 <b>Reliance</b> , SD 57569-1343	605-473-5605/ 605-730-5606
Revilla Farmers Elevator PO Box 98 <b>Revilla</b> , SD 57259-0098	605-623-4411
Agtegra Cooperative 13345 341st Avenue, PO Box 138 <b>Roscoe</b> , SD 57471-0138	605-287-4311
CHS River Plains 1510 3rd Avenue, PO Box 323 <b>Selby</b> , SD 57472-0323	605-649-7682
Stiegelmeier Farms, Inc. 13402 306th Avenue <b>Selby</b> , SD 57472-5802	605-649-7009/ 605-845-6034
LaCrosse Seed, LLC 2810 West 3rd Street, Ste. #1 <b>Sioux Falls</b> , SD 57104	877-338-9639/ 605-338-9639
Agtegra Cooperative 38784 262nd Street, PO Box 248 <b>Stickney</b> , SD 57375-0248	605-732-4240
Wilbur Ellis Air, LLC 45149 152nd Street <b>Summit</b> , SD 57266	605-947-4800
Helena Agri Enterprises 514 SD Hwy 37, PO Box 216 <b>Tripp</b> , SD 57376	605-935-6106
Agtegra Cooperative 102 Main Street, PO Box 126 <b>Tulare</b> , SD 57476-0126	605-596-4114
Leber Ag Service 308 Sally Ave., PO Box 107 <b>Vale</b> , SD 57788	605-456-2538
CHS Farmer's Alliance 310 W. Railroad Street, PO Box 159 <b>Wagner</b> , SD 57380-0159	605-384-3671

Dakota Mill & Grain 111 2nd Ave., Box 419 <b>Wall, SD 57790</b>	605-279-2261
Agtegra Cooperative PO Box 350 <b>Wessington Springs, SD 57382-0350</b>	605-539-1555
Broken Heart Ranch 23268 383rd Avenue <b>Wessington Springs, SD 57382</b>	605-539-9615/ 605-999-1196/ 605-350-0334
MPM Certified Seed (West River) 22875 383rd Avenue <b>Wessington Springs, SD 57382</b>	605-539-0236/ 605-770-6537 Located in Hayes
Wilbur Ellis Air, LLC 22888 U.S. Hwy 281 <b>Wessington Springs, SD 57382</b>	605-539-0240/ 605-350-4538
CHS Farmer's Alliance 409 S Main Street <b>White Lake, SD 57383</b>	605-249-2610/ 605-249-2233
CHS – Herman 13653 SD Hwy 123 <b>Wilmot, SD 57279</b>	605-938-4664 320-815-2024
CHS River Plains 31711 Harvest Road <b>Winner, SD 57580</b>	605-830-2624
South Central Livestock Supply 27855 Golden Prairie Dr., PO Box 455 <b>Winner, SD 57580</b>	605-840-4070
Agtegra Cooperative 20137 U.S. Hwy 281 <b>Wolsey, SD 57384</b>	605-883-4317/ 800-290-2430
CHS 47014 SD Hwy 44 <b>Worthing, SD 57077</b>	605-372-3700
Agtegra Cooperative 218 So. Main <b>Yale, SD 57386</b>	605-599-2911

## NOTES

## NOTES



## 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 Fahr-  
enheit:

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

To convert Fahrenheit to Centi-  
grade:

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

### DETERMINING PLANT POPULATION

Row length to equal 1/1000<sup>th</sup> acre

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

### Metric Equivalents

#### (Linear Measure)

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

#### Meter Equivalents

##### (Square Measure)

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

#### Metric Equivalents (Volume)

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

#### Metric Equivalents (Weight)

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

#### Volume Conversion Factors/ Area Conversion Factors

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

### GROWING DEGREE DAY EQUATION

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

\*: Up to a maximum of 86°F

†: Not below 50°F



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

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