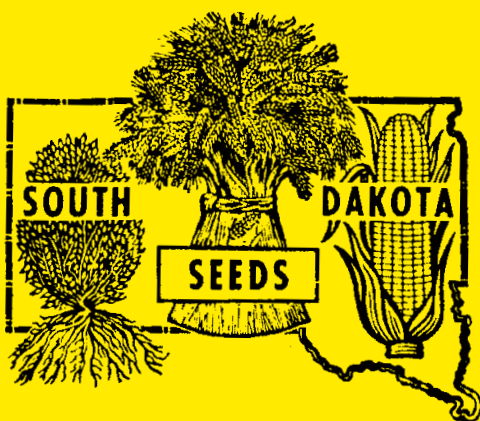


South Dakota Certified Seed

GROWER DIRECTORY

FALL 2021 / SPRING 2022



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.

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PLEASE NOTE

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

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

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

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

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

Please report any irregularities.

Pre-Variety Germplasm Certification for Native Grasses and Forbs

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

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

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

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

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

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

SPECIES OF NATIVE GRASSES AND FORBS IN PROGRAM

Common Name/Scientific Name Producer

Little Bluestem/ 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
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*			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
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
Brick	SD	'08	Medium	32"	MS	R	R	Medium	Good-Medium	0	Yes	PVP-94 Title V	MR
Briggs	SD	'02	Medium	32"	MR	MS	MR	Medium-High	Good-Medium	2	Yes	PVP-94 Title V	MS
Driver	SD	'19	Medium	31"	--	MR	R	Medium	Good	4	Yes	PVP*	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 2021

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*
Draper	SD	'19	MR	MS	MR	--	Early 2	Excellent	Short 28"	Good-Excellent	Good	White	PVP*
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*
SY517CL2	SYN/AP	'17	MR	R	MS	S	Early 2	Good	Short 26"	Good	Acceptable	White	PVP Title V

SY Monument	SYN/AP	'14	MR	R	MR	MS	Early 2	Good	Short 27"	Good-Excellent	Acceptable	White	PVP Title V
SY Sunrise	SYN/AP	'15	MR	R	MR	MS	Early 2	Good	Short 26"	Good	Acceptable	White	PVP Title V
SY Wolf	SYN/AP	'11	R	MR	S	MR	Medium Early 3	Excellent	Short 28"	Good-Excellent	Acceptable	White	PVP Title V
SY Wolverine	SYN/AP	'19	MS	MR	MR	MS	Early 2	Excellent	Short 27"	Good-Excellent	Acceptable	White	PVP Title V
Thompson	SD	'17	MR	MS	MS	MS	Medium 4	Fair	Medium 31"	Good	Acceptable	White	PVP Title V
WB4418	WB	'17	R	MR	MS	MR	Early 0	Good	Short 26"	Good	Good	White	PVP-94
WB4462	WB	'16	MR	--	S	S	Early 0	Good	Medium 30"	Good	Good	White	PVP-94
WB-Granfield	WB	'12	MR	MR	MS	MR	Early 0	Good	Short 28"	Good	Good	White	PVP-94
Winner	SD	'19	MR	MR	MR	--	Early 2	Excellent	Short 29"	Good-Excellent	Good	White	PVP*

*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*--				Protein	PVP**
									Smut	Stem Rust	Crown Rust	MS		
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*
Saddle	SD	'17	White	Good	1	Medium	V Good	MS	R	S	MR	Medium	PVP-94 Title V
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-94 without Title V. 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 ⁽¹⁾	Flower Color	Pubescence	Pod Color	Hilum Color	Seed Coat Lustre	Emergence ⁽²⁾	Shattering ⁽³⁾	Iron Chlorosis ⁽⁴⁾	Phytophthora Root Rot ⁽⁵⁾	Lodging Resistance	PVP ⁽⁶⁾
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 I 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)-PVPA 1994 TITLE V OPTION (PVP TITLE V)

Spring Wheat

Variety	PVP Level
Advance	PVP Title V
Ambush	None
AP Gunsmoke CL2	PVP Title V
AP Murdock	PVP Title V
AP Smith	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
Elgin-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 Title V
LCS Breakaway	PVP Title V
LCS Buster	PVP
LCS Cannon	PVP

Winter Wheat

Variety	PVP Level
AC Radiant	None
Alice	PVP Title V
AP18 AX	PVP Title V
AP503CL2	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
Draper	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 Title V
LCS Chrome	PVP
LCS Fusion AX	PVP Title V
LCS Helix AX	PVP Title V
LCS Mint	PVP Title V
LCS Photon AX	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
MN-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
Shelby 427	PVP Title V
Souris	PVP
Stallion	PVP Title V
Streaker	PVP Title V
Warrior	PVP Title V

LCS Iguacu PVP Title V
LCS Powerplay PVP Title V
LCS Rebel PVP
LCS Trigger PVP Title V
Linkert PVP Title V
LNR 10200 PVP Title V
MN-Torgy PVP
MS Camaro PVP
MS Chevelle PVP
MS Stingray PVP
Prevail PVP Title V
Prosper PVP Title V
RB07 PVP Title V
Samson PVP
Select PVP Title V
Shelly PVP Title V
Steele ND PVP Title V
Surpass PVP Title V
SY Ingmar PVP Title V
SY McCloud PVP Title V
SY Rowyn PVP Title V
SY Rustler PVP Title V
SY Soren PVP Title V
SY Valda PVP Title V
SY605CL PVP Title V
Traverse PVP Title V
Tom PVP Title
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

Lyman PVP Title V
Matlock PVP
Millennium PVP Title V
MTF-1435 PVP Title V
Oahe PVP Title V
Overland PVP Title V
Ray PVP Title V
Redfield PVP Title V
SD Andes PVP Title V
Settler CL PVP Title V
Smokey Hill PVP Title V
Striker PVP
SY517CL2 PVP Title V
SY Monument PVP Title V
SY Sunrise PVP Title V
SY Wolf PVP Title V
SY Wolverine PVP Title V
Thompson PVP Title V
WB Grainfield PVP
WB4059CLP PVP
WB4309 PVP
WB4462 PVP
WB4510CLP PVP
WB4614 PVP
WB4721 PVP
Wendy PVP Title V
Wesley None
Winner PVP Title V

VARIETIES WITH RESEARCH FEES

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

Spring Wheat	Per Bu Charges	Winter Wheat (Continued)	Per Bu Charges
Advance	\$0.60	MTF-1435	\$0.05
Ambush	\$0.05	Oahe	\$0.60
AP Gunsmoke CL2	\$0.05	Overland	\$0.60
AP Murdock	\$0.05	Ray	\$1.00
AP Smith	\$0.05	Redfield	\$0.60
Bolles	\$0.30	SD Andes	\$0.60
Boost	\$0.60	SY 517CL2	\$0.05
Brick	\$0.60	SY Monument	\$0.05
Driver	\$0.60	SY Sunrise	\$0.05
Focus	\$0.60	SY Wolf	\$0.05
Forefront	\$0.60	SY Wolverine	\$0.05
Lang-MN	\$0.30	Thompson	\$0.60
LCS Buster	\$0.05	WB Grainfield	\$0.05
LCS Cannon	\$0.05	WB4309	\$0.05
LCS Rebel	\$0.05	WB4462	\$0.05
LCS Trigger	\$0.05	WB4510CLP	\$0.05
Linkert	\$0.30	Wesley	\$0.10
MN-Torgy	\$0.30	Winner	\$0.60
Prevail	\$0.60		
Prosper	\$0.30	Oats	Per Bu Charges
Shelly	\$0.30	Colt	\$0.30
Surpass	\$0.60	Deon	\$0.25
SY Ingmar	\$0.05	Goliath	\$0.30
SY McCloud	\$0.05	Hayden	\$0.30
SY Rowyn	\$0.05	Horsepower	\$0.30
SY Rustler	\$0.05	Jerry	\$0.10
SY Valda	\$0.05	MN-Pearl	\$0.25
TCG-Spitfire	\$0.05	Natty	\$0.30
TCG-Wildfire	\$0.05	Newburg	\$0.35
WB Patron	\$0.05	Reins	\$0.30
WB9479	\$0.05	Rockford	\$0.35
WB9590	\$0.05	Rushmore	\$0.30
WB9606	\$0.05	Saddle	\$0.30
WB9719	\$0.05	Shelby 427	\$0.30
		Warrior	\$0.30
		Barley	Per Bu Charges
		ND-Genesis	\$0.75
		Rasmusson	\$0.25
		Vaquero	\$0.05
		Peas/Lentils/Chickpeas	Per Bu Charges
Winter Wheat	Per Bu Charges	CDC Frontier	\$0.05
Allegiant 3063	\$0.05	CDC Inca	\$0.05
AP Clair	\$0.05	CDC Orion	\$0.05
AP18 AX	\$0.05	AAC Carver	\$0.05
AP503CL2	\$0.05	Agassiz	\$0.05
CP7017 AX	\$0.05	CDC Amarillo	\$0.05
CP7050 AX	\$0.05	DS Admiral	\$0.05
Crescent AX	\$0.05	Durwood	\$0.05
Draper	\$0.60	Early Star	\$0.05
Expedition	\$0.10	Fergie	\$0.05
Ideal	\$0.60	LG Amigo	\$0.05
Keldin	\$0.05	Nette 2010	\$0.05
LCS Chrome	\$0.05	Salamanca	\$0.05
LCS Fusion AX	\$0.05	Spider	\$0.05
LCS Helix AX	\$0.05	SW Midas	\$0.05
LCS Mint	\$0.05	CDC Invincible	\$0.05
LCS Photon AX	\$0.05	CDC Maxim CL	\$0.05
Lyman	\$0.60		

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.....		117
TOTAL				117

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	117
TOTAL				117

SALAMANCA—Salamanca field pea is licensed by Great Northern Ag Plaza, ND. Salamanca is a semi-leafless variety. The seeds are yellow in color, mottled, rounded and dimpled. The seeds have a dull luster. The variety is about four inches shorter than DS Admiral. Salamanca has white flowers and the plants stand well. The pods are green and are pointed on the distal end. Salamanca matures mid-season. Salamanca 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.....	C	57
Perkins	Brandon Carey, Hettinger, ND	(701)928-0030.....	R	24
TOTAL				81

FLAX

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
Corson	Stiegelmeier Farms, Selby	(605)845-6034	R	363
TOTAL				363

LENTILS

CDC MAXIM CL—CDC Maxim CL is a small red lentil developed at the Crop Development Centre, University of Saskatchewan and was released in 2011. This product is offered by Pulse USA. Resistance to both Ascochyta and Anthracnose are good. It was developed with the Clearfield herbicide resistance for control of annual grasses. CDC Maxim CL is an early maturity variety, maturing five days earlier than CDC Redberry. CDC Maxim CL is protected under the Plant Variety Protection Act with the Title V certification option.

County	Name, Address Telephone	Class	Acres
Lyman	Karlen Ranch Partnership, Reliance (605)473-5605.....	C	583
		TOTAL	583

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	637
Brookings	Foundation Seed Stocks, Brookings (605)688-5418	F	11
Jones	Henry Glen Roghair, Okaton (605)669-2819	R	77
Pennington	Yardley & Co., Inc., Quinn (605)386-2375	R	195
		TOTAL	920

BIG BLUESTEM

BONILLA—Bonilla big bluestem is a native perennial warm season grass capable of producing a sod from short rhizomes. Bonilla originated from native stands collected in 1961 north of Bonilla located in NW Beadle County, SD. The seed collected was used to establish an increase field at the USDA/NRCS Plant Materials Center at Bismarck, ND. The variety was released in 1988. Plants are tall, ranging from 31/2 to 61/2 feet in height. Big bluestem is best suited to subirrigated lowlands on level to gently undulating glacial till plains; overflow sites, level swales and depressions, and bottomlands along rivers and streams. Species of big bluestem have a very wide area of adaptation throughout the U.S. and Canada. Bonilla is 25 days later in maturity than northern source NDG-4 and is 23 days earlier than Sunnyview. 'Champ', 'Pawnee' and 'Kaw' do not consistently produce mature seed in northern latitudes. Varieties need to be selected for the latitude they are to be grown in.

County	Name, Address Telephone	Class	Acres
Brown	Pearlsgaard Farm, LLC, Houghton (605)690-8669.....	C	10
		TOTAL	10

SIDEOATS GRAMA

PIERRE—Pierre sideoats grama was selected and released at the Soil Conservation Service (NRCS) Plant Materials Center, Bismarck, ND. A composite of seed was collected from several plants found in a native range west of Pierre, SD. These plants were selected for their outstanding vigor and leafiness. The line was tested as PM-SD-251 against many other field collections and was released as a variety in 1964. Pierre shows good disease resistance and seedling vigor. It is adapted to western South Dakota and adjoining areas of bordering states.

County	Name, Address	Telephone	Class	Acres
Day	Jerry & Nola Roitsch, Bristol	(605)492-3330.....	C	30
			TOTAL	30

SWITCHGRASS

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
			TOTAL	50

OATS

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
Kingsbury	Green Thumb Commodities, Oldham	(605)482-8295.....	C	32
			TOTAL	32

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	Olsen Custom Farms, Hendricks, MN (507)275-3176.....	C	644
Brookings	Sexauer Discount Farm Services, Brookings (605)696-7924.....	C	57
Brown	LW Sales, Inc., Groton (605)397-8111	C	121
Charles Mix	Pharmco Industries, LLC, Platte (605)337-3374...	C	285
Corson	Howe Seeds, Inc., McLaughlin (605)823-4892.....	C	173
Gregory	Dean Norberg, Burke (605)830-2062.....	C	171
Hand	Chis Howard Ranch, Miller (605)204-0299.....	C	438
Jerauld	MPM Certified Seed, Wess Springs (605)770-6537.....	C	1642
Jones	Skylar Dowling, Pierre (605)222-9065.....	C	524
Kingsbury	Green Thumb Commodities, Oldham (605)482-8295.....	C	449
Lake	Mustang Seeds, Inc., Madison (605)256-6529	C	310
Stanley	Sioux Nation, LLC, Ft. Pierre (605)223-2427.....	C	240
Tripp	Jorgensen Land & Cattle, Ideal (605)842-3217	C	230
Tripp	Trittle Carper, Cahill Homestead LLC, Winner (605)208-6116.....	C	416
TOTAL			5700

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
Bon Homme	Mark Misar, Scotland (605)661-1094.....	C	12
Brookings	Foundation Seed Stocks, Brookings (605)688-5418.....	F	33
Brookings	Sexauer Discount Farm Services, Brookings (605)696-7924.....	C	50
Lake	Mustang Seeds, Inc., Madison (605)256-6529	C	318
Spink	Stacey Frericks, Ashton (605)460-0887.....	C	174
Tripp	Jorgensen Land & Cattle, Ideal (605)842-3217	C	281
TOTAL			868

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	C	685
			TOTAL	685

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
Charles Mix	Kirsch Farms, Platte	(605)337-9658	R	45
			TOTAL	45

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

County	Name, Address	Telephone	Class	Acres
Charles Mix	Dakota's Best Seed Co., Platte	(605)337-3318	C	36
			TOTAL	36

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. Application for Plant Variety Protection with the Title V certification option is has been made. 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	47
Bon Homme	Sean Bauder, Tyndall	(605)670-9186.....	C	60
Brookings	Foundation Seed Stocks, Brookings	(605)688-5418.....	F	74
Brookings	Olsen Custom Farms, Hendricks, MN	(507)275-3176.....	C	590

Charles Mix	Dakota's Best Seed Co., Platte	(605)337-3318	C	44
Charles Mix	Pharmco Industries, LLC, Platte	(605)337-3374	C	300
Day	Dwight Wookey, Webster	(605)228-8603	C	60
Deuel	Cody Eastman, Brandt	(605)690-8891	C	122
Deuel	K & K Farms, Inc., Clear Lake	(605)874-2322	C	100
Dewey	Alan Biegler, Timber Lake	(605)865-3231	C	32
Gregory	Lance Matucha, Burke	(605)830-7810	C	37
Jones	Skyler Dowling, Pierre	(605)222-9065	C	102
Kingsbury	Halls Seed LLC, Arlington	(605)690-3594	C	30
Lake	Mustang Seeds, Inc., Madison	(605)256-6529	C	80
Spink	Stacey Frericks, Ashton	(605)460-0887	C	53
Stanley	Sioux Nation, LLC, Ft. Pierre,	(605)223-2427	C	130
TOTAL				1861

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
Day	Torre Raap, Andover	(605)216-2875	C	22
TOTAL				22

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
Deuel	Mark Buschenfeld, Toronto	(605)690-6773	C	124
Kingsbury	Green Thumb Commodities, Oldham	(605)482-8295	C	140
TOTAL				264

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
Gregory	Dean Norberg, Burke	(605)830-2062.....	C	20
Jones	Skyler Dowling, Pierre	(605)222-9065.....	C	48
Lake	Mustang Seeds, Inc., Madison	(605)256-6529.....	C	182
			TOTAL	250

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	Koeppel Seeds, Claire City	(605)652-4529.....	C	30
			TOTAL	30

ND GARDNER—ND Gardner rye, tested as DREB15, was developed by the North Dakota Agricultural Experiment Station and released in the fall of 2019 by the NDSU Research Foundation. ND Gardner resulted from DR02 (ND Dylan), 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 Gardner is very winter hardy. It is a tall variety, 7cm taller than Rymin. ND Dylan reaches heading six days earlier than Rymin. It has good lodging resistance and good test weight, similar to ND Dylan. ND Gardner is protected under the U.S. Plant Variety Protection Act with the Title V certification option.

County	Name, Address	Telephone	Class	Acres
Day	Darwin Peckham, Bristol	(605)228-9001.....	R	125
			TOTAL	125

SOYBEANS

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

also excellent. Lodging resistance is good. Seed size is larger than average with a plant height equal to MN1410. .

County	Name, Address	Telephone	Class	Acres
Beadle	Jason Guenhagen, DeSmet	(605)860-9959	C	50
Beadle	Jason Guenhagen, DeSmet	(605)860-9959	R	15
TOTAL				65

ND2108GT73—ND2108GT73 soybeans was tested as ND15-22873GT and was released by the North Dakota Agricultural Experiment Station in 2021. ND2108GT73 has white flower color, light tawny pubescence, brown pod with dull seed coat and yellow hila. ND2108GT73 is a 0.8 maturity cultivar. The variety has moderate tolerance to IDC and is resistant to lodging. ND2108GT73 is susceptible to SCN. ND2108GT73 is a genetically modified organism with an off patent RR1 gene. Application for Plant Variety Protection with the Title V certification option will be made. A royalty fee will be collected on all sales of Registered and Certified classes for seed purposes..

County	Name, Address	Telephone	Class	Acres
Beadle	Jason Guenhagen, DeSmet	(605)860-9959	R	140
TOTAL				140

TRITICALE

841446398—841446398 is a mid-tall, awnletted, winter triticale developed by Northern Agri-Brands LLC. The line was tested as RSI 204719. 841446398 was released in 2017. Plant color at boot stage is blue-green. The flag leaf is not twisted, erect and waxy. Spikelets are yellow in color when mature, dense with oblong shape. Seed is elliptical, slightly wrinkled, amber colored with mid-long brush length. The variety has excellent lodging resistance. Foundation, Registered and Certified classes are recognized beyond Breeder seed which is maintained by Northern Agri-Brands LLC. The variety is sold under the Brand Flex 719. The variety is protected under the Plant Variety Protection Act. Note to inspectors: A bearded variant has been identified at less than 1%.

County	Name, Address	Telephone	Class	Acres
Tripp	Tritle, Carper, Cahill Homestead LLC, Winner	(605)208-6116.....	C	362
TOTAL				362

879684836 (THOR)— 879684836 is a mid-tall, awnletted, winter triticale developed by Northern Agri-Brands LLC. The line was tested as 08TF01. 879684836 was released in 2018. The variety has medium maturity. 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 short brush length. Foundation, Registered and Certified classes are recognized beyond Breeder seed which is maintained by Northern Agri-Brands LLC. The variety is sold under the Brand Thor. 879684836 is protected under the Plant Variety Protection Act.

County	Name, Address	Telephone	Class	Acres
Corson	Chris Lynch, McLaughlin	(605)850-9805	C	36
TOTAL				36

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.....	C	147
TOTAL				147

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....	C	468
TOTAL				468

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. Application to the Plant Variety Protection office with the Title V certification option has been made for AP Gunsmoke CL2.

County	Name, Address	Telephone	Class	Acres
Stanley	Sioux Nation, LLC, Ft. Pierre	(605)223-2427.....	C	
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	
Day	Kuecker Seed Farm, Inc., Webster	(605)345-3169.....	R	
Kingsbury	Midstate Agronomy, DeSmet	(605)854-9282.....	C	
Spink	Nutrien Ag Solutions, Northville	(605)887-3422....	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	
Walworth	Stiegelmeier Farms, Selby	(605)845-6034	R	

AP SMITH—AP Smith 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 NP12100559-16. It is a standard semi-dwarf variety. AP Smith has a juvenile growth habit that is semi-erect. Plant color at boot stage is blue green. Flag leaf at boot stage is recurved, twisted and wax present. 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 has been made for AP Smith.

County	Name, Address	Telephone	Class	Acres
Sully	Wittler Seed Farm, Agar	(605)258-2431	R	

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. Application to the Plant Variety Protection office will be 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
Beadle	Brad Wedel, Yale	(605)350-2923.....	R	70
Campbell	Weisbeck & Sons, Herreid	(605)437-2963.....	C	105
Clark	Larson Seed Farm, Clark	(605)532-5557	R	100
Codington	Thyen Farms, Watertown	(605)520-8159	C	89
Codington	Thyen Farms, Watertown	(605)520-8159	R	25
Corson	Howe Seeds, Inc., McLaughlin	(605)823-4892.....	C	467
Day	Kuecker Kountry Farms, Webster	(605)345-4601.....	C	100

Day	Kuecker Kountry Farms, Webster (605)345-4601.....	R	10
Edmunds	Eisenbeisz Farms, Bowdle (605)285-6738	C	602
Pennington	Bielmaier Farms, Wall (605)279-2841	C	76
Pennington	Bielmaier Farms, Wall (605)279-2841	R	39
Potter	REH Farms, Inc., Gettysburg (605)765-9552	C	265
Potter	REH Farms, Inc., Gettysburg (605)765-9552	R	20
Roberts	Koeppel Seeds, Claire City (605)652-4529	C	100
Spink	Rahm Seed Cleaning (Curtis), Turton (605)897-6623.....	R	80
Tripp	Jorgensen Land & Cattle, Ideal (605)842-3217	C	75
Tripp	Jorgensen Land & Cattle, Ideal (605)842-3217	R	25
Walworth	Jeff Frey, Mobridge (605)848-1486.....	C	232
Walworth	Jeff Frey, Mobridge (605)848-1486.....	R	78
TOTAL			2558

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
Charles Mix	Dakota's Best Seed Co., Platte (605)337-3318	C	100
TOTAL			100

LANG-MN—Lang-MN hard red spring wheat was developed and released by the University of Minnesota in 2017. The variety, tested as MN10261-1, was derived from the cross of Glenn/Sabin. Lang-MN was named after Ben Lang, a long time (35 years) field inspector and past CEO of MCIA. The heading date of Lang-MN is equal to Boost and Faller. It is average height, equal to Faller and Prevail. Lang-MN is resistant to leaf rust and stem rust. It is moderately resistant to Fusarium Head Blight. Lang-MN is moderately susceptible to stripe rust. The head is tapering, mid-dense and inclined. Glume shoulders are oblique and are medium in width. The head is awned and white at maturity. The seed shape is ovate, with angular cheeks and medium brush length. It has above average test weight and is equal to Boost in protein content. Released by the Minnesota Agricultural Experiment Station, a research fee will be assessed on seed sold of Lang-MN. Lang-MN is protected under the Plant Variety Protection Act with the Title V certification option..

County	Name, Address Telephone	Class	Acres
Brookings	Olsen Custom Farms, Hendricks, MN (507)275-3176.....	C	72
Deuel	K & K Farms, Inc., Clear Lake (605)874-2322	C	206
Edmunds	Eisenbeisz Farms, Bowdle (605)285-6738	C	280
Potter	REH Farms, Inc., Gettysburg (605)765-9552	C	270
TOTAL			828

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. Application for Plant Variety Protection without the Title V certification option has been made for LCS Buster.

County	Name, Address	Telephone	Class	Acres
Spink	Jim Klebsch, Redfield	(605)472-3134	R	
Sully	Ken Barber, Onida	(605)258-2708	R	

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	
Hand	Nelson's HB Seed, Miller	(605)853-3025	C	
Pennington	Tyrel Eisenbraun, Wall	(605)685-3686	C	
Roberts	Nelson Grain Farms LLC, Summit	(605)881-4258	C	
Spink	Jim Klebsch, Redfield	(605)472-3134	C	
Walworth	Fiedler Farms, Inc., Selby	(605)649-6280	C	
Walworth	Fiedler Farms, Inc., Selby	(605)649-6280	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	
Hand	Nelson's HB Seed, Miller	(605)853-3025	C	
Hand	Nelson's HB Seed, Miller	(605)853-3025	R	
Pennington	Tyrel Eisenbraun, Wall	(605)685-3686	C	
Roberts	Nelson Grain Farms LLC, Summit	(605)881-4258	C	
Sully	Ken Barber, Onida	(605)258-2708	C	
Sully	Ken Barber, Onida	(605)258-2708	R	
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. Application for Plant Variety Protection with the certification option for MN-Torgy is anticipated.

County	Name, Address	Telephone	Class	Acres
Brookings	Rick Even, Elkton	(605)542-4021	R	73
Brookings	Foundation Seed Stocks, Brookings	(605)688-5418.....	F	45
Brown	Jim Fischbach Farm, Inc., Warner	(605)887-3269.....	R	41
Codington	Thyen Farms, Watertown	(605)520-8159	R	14
Corson	Howe Seeds, Inc., McLaughlin	(605)823-4892.....	R	281
Day	Bisgard Farms, Waubay	(605)881-3385.....	R	110
Day	Hansmeier & Son, Inc., Bristol	(605)492-3611.....	R	896
Day	J & J Horter Farm Partnership, Andover	(605)216-4852.....	R	146
Day	Kuecker Kountry Farms, Webster	(605)345-4601.....	R	11
Day	Kuecker Seed Farm, Inc., Webster	(605)345-3169.....	R	138
Deuel	K & K Farms, Inc., Clear Lake	(605)874-2322.....	R	52
Edmunds	Eisenbeisz Farms, Bowdle	(605)285-6738	R	47
Hughes	Bollweg Farms (Michael), Harrold	(605)875-3440.....	R	70
McPherson	Jim Schauer, Leola	(605)439-3179.....	R	23
Potter	REH Farms, Inc., Gettysburg	(605)765-9552	R	25
Roberts	Koeppe Seeds, Claire City	(605)652-4529	R	35
Walworth	Fiedler Farms, Inc., Selby	(605)649-6280.....	R	54
Walworth	Jeff Frey, Mobridge	(605)848-1486.....	R	81
			TOTAL	2142

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
Brookings	Foundation Seed Stocks, Brookings	(605)688-5418.....	F	33

Codington	Thyen Farms, Watertown	(605)520-8159	C	329
Day	Kuecker Seed Farm, Inc., Webster	(605)345-3169	C	160
Dewey	Alan Biegler, Timber Lake	(605)865-3231	C	276
Marshall	Moeckly Elevator, Inc., Britton	(605)448-2212	C	110
Potter	REH Farms, Inc., Gettysburg	(605)765-9552	C	145
Potter	REH Farms, Inc., Gettysburg	(605)765-9552	R	25
Roberts	Koeppel Seeds, Claire City	(605)652-4529	C	100
Spink	Rahm Seed Cleaning (Curtis), Turton	(605)897-6623	C	100
Sully	Wittler Seed Farm, Agar	(605)258-2431	C	240
Sully	Wittler Seed Farm, Agar	(605)258-2431	R	88
			TOTAL	1606

SHELLY—Shelly hard red spring wheat was developed and released by the University of Minnesota in 2016. The variety, tested as MN11325-7, is a late maturing semi-dwarf. The heading date of Shelly is a day later than Bolles. The variety is 6 cm. shorter than Linkert. Shelly is moderately susceptible to Fusarium head blight. It is resistant to leaf rust and moderately resistant to stripe rust. Released by the Minnesota Agricultural Experiment Station, a research fee will be assessed on seed sold. Shelly is protected under the Plant Variety Protection Act with the Title V certification option.

County	Name, Address	Telephone	Class	Acres
Corson	Howe Seeds, Inc., McLaughlin	(605)823-4892	C	313
Perkins	Brandon Carey, Hettinger, ND	(701)928-0030	C	227
			TOTAL	540

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	202
Corson	Howe Seeds, Inc., McLaughlin	(605)823-4892	C	260
Day	Kuecker Kountry Farms, Webster	(605)345-4601	C	138
Deuel	Brandt Farms, Inc., Clear Lake	(605)520-0442	C	284
Dewey	Alan Biegler, Timber Lake	(605)865-3231	C	250
Edmunds	Eisenbeisz Farms, Bowdle	(605)285-6738	C	529
Hand	Nelson's HB Seed, Miller	(605)853-3025	C	499
Hughes	Bollweg Farms (Michael), Harrold	(605)875-3440	R	86
Spink	Rahm Seed Cleaning (Curtis), Turton	(605)897-6623	C	150

Tripp	Jorgensen Land & Cattle, Ideal	(605)842-3217	R	25
Walworth	Jeff Frey, Mobridge	(605)848-1486	C	328
Walworth	Gery Giese, Selby	(605)649-7832	C	120
Walworth	Gery Giese, Selby	(605)649-7832	R	30
TOTAL				2901

SY McCLOUD—SY McCloud is a hard red spring wheat bred and developed by Syngenta Participations AG and released in 2018. The variety was tested as 10S0059-28. It is a standard-dwarf variety, similar to AP Murdock in height. The variety has a juvenile growth habit that is erect. Plant color at boot stage is green. Flag leaf at boot stage is erect, not twisted with wax absent. Head shape is tapering and awned. SY McCloud is moderately susceptible to Fusarium Head Blight. The certified classes of seed shall be Foundation, Registered and Certified. SY McCloud is protected under the Plant Variety Protection Act (PVP-94) with the Title V certification option.

County	Name, Address	Telephone	Class	Acres
Roberts	Koepe Seeds Claire City	(605)652-4529	C	

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	
Roberts	Koepe Seeds, Claire City	(605)652-4529	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	
Sully	Wittler Seed Farm, Agar	(605)258-2431	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)472-3134	C	
Walworth	Stiegelmeier Farms, Selby	(605)845-6034	C	

HRW WHEAT

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

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 Certi-

fied. Application for Plant Variety Protection has been made 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	

CP7017 AX— CP7017 AX is a hard red winter wheat bred and developed by Limagrain Cereal Seeds, LLC and licensed to Croplan by Winfield United. The variety was tested as LCH15ACC-15-17 and released to seed producers in 2020. CP7017 AX has tolerance to the herbicide quizalofop, allowing for control of winter annual grasses including feral rye. CP7017 AX has medium maturity. It has medium height with average straw strength. CP7017 AX has medium 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 oblique and the beak shape is acuminate. Seed shape is ovate. Seed cheeks are rounded, brush is medium, not collared. CP7017 AX has white chaff color. Application for CP7017 AX has been made to the Plant Variety Protection office with the Title V certification option.

County	Name, Address	Telephone	Class	Acres
Brule	Christensen Grain Farm Part., Pukwana	(605)730-2269.....	C	

CP7050 AX—CP7050 AX is a hard red winter wheat bred and developed by Croplan by Winfield United. The variety was released to seed producers in 2020. CP7050 AX has tolerance to the herbicide quizalofop, allowing for control of winter annual grasses including feral rye. CP7050 AX has early maturity, similar to Brawl CL Plus. with white chaff color. It is medium height, similar to SY Monument, with good straw strength. CP7050 AX has good test weight and average milling and bread making quality. The variety has good resistance to stripe rust and soilborne mosaic virus.

County	Name, Address	Telephone	Class	Acres
Sully	Ken Barber, Onida	(605)258-2708.....	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. 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.....		C	152
Haakon	Golden Willow Seeds, Inc., Midland (605)843-2187.....		C	78
Haakon	Golden Willow Seeds, Inc., Midland (605)843-2187.....		R	30
Haakon	Hand Brothers Partnership, Midland (605)567-3397.....		C	685
Jones	Paul Patterson, Draper	(605)669-2647	C	271
Lyman	Herman Agri Inc., Presho	(605)869-2304	R	34
Pennington	Bielmaier Farms, Wall	(605)279-2841	C	75
Tripp	Jorgensen Land & Cattle, Ideal	(605)842-3217	C	321
Tripp	Jorgensen Land & Cattle, Ideal	(605)842-3217	R	21
			TOTAL	1667

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
Haakon	Golden Willow Seeds, Inc., Midland (605)843-2187.....		C	192
Tripp	Elevate Agronomics, Inc., Winner (605)840-0373.....		C	75
Tripp	Jorgensen Land & Cattle, Ideal	(605)842-3217	C	334
Tripp	Jorgensen Land & Cattle, Ideal	(605)842-3217	R	19
			TOTAL	620

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
Sully	Ken Barber, Onida	(605)258-2708.....	C	
Sully	Ken Barber, Onida	(605)258-2708.....	R	

LCS PHOTON AX—LCS Photon 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-13-4. LCS Photon AX has tolerance to the herbicide quizalofop, allowing for control of winter annual grasses including feral rye. LCS Photon AX has medium maturity. It is medium-tall with average straw strength. LCS Photon AX has good test weight and average milling and bread making quality. Application for Plant Variety Protection with the Title V Certification option has been made for LCS Photon AX.

County	Name, Address	Telephone	Class	Acres
Corson	Howe Seeds, Inc., McLaughlin	(605)823-4892.....	C	
Pennington	Tyrel Eisenbraun, Wall	(605)685-3686	C	
Sully	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
Stanley	Sioux Nation, LLC, Ft. Pierre	(605)223-2427.....	C	104
			TOTAL	104

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, Tyndall (605)661-0487.....	C	58
Davison	Nick Lorang, Mt. Vernon (605)770-5794.....	C	90
Davison	Wade Strand, Mitchell (605)996-7533	C	60
Haakon	Golden Willow Seeds, Inc., Midland (605)843-2187.....	C	272
Haakon	Golden Willow Seeds, Inc., Midland (605)843-2187.....	R	38
TOTAL			518

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	410
Gregory	Lance Matucha, Burke (605)830-7810.....	C	127
Hand	Nelson's HB Seed, Miller (605)853-3025.....	C	1423
Lyman	Herman Agri, Inc., Presho (605)869-2304	C	210
TOTAL			2170

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	170

Brule	Christensen Grain Farm Part., Pukwana (605)730-2269.....	C	103
Charles Mix	Hansum Brothers (Larry), Platte (605)680-1023...	C	182
Charles Mix	Hansum Brothers (Larry), Platte (605)680-1023...	R	21
Charles Mix	Pharmco Industries, LLC, Platte (605)337-3374...	C	300
Charles Mix	Pharmco Industries, LLC, Platte (605)337-3374...	R	100
Davison	Nick Lorang, Mt. Vernon (605)770-5794.....	C	133
Lyman	Herman Agri, Inc., Presho (605)869-2304	C	48
Lyman	Drew Reuman, Presho (605)280-5330	C	136
Lyman	Drew Reuman, Presho (605)280-5330	R	20
Spink	Rahm Seed Cleaning (Curtis), Turton (605)897-6623.....	C	150
Tripp	Elevate Agronomics, Inc., Winner (605)840-0373.....	C	173
TOTAL			1536

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. 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
Brookings	Foundation Seed Stocks, Brookings (605)688-5418.....	F	36
Davison	Nick Lorang, Mt. Vernon (605)770-5794.....	R	121
Day	Hansmeier & Son, Inc., Bristol (605)492-3611.....	R	455
Jerauld	Broken Heart Ranch, Wess Springs (605)999-1196.....	R	32
Pennington	Bielmaier Farms, Wall (605)279-2841	R	67
Potter	REH Farms, Inc., Gettysburg (605)765-9552	R	25
Sanborn	John Olinger, Woonsocket (605)796-4855	R	105
Spink	Rahm Seed Cleaning (Curtis), Turton (605)897-6623.....	R	60
Sully	Wittler Seed Farm, Agar (605)258-2431	R	24
TOTAL			925

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	
Pennington	Yardley & Co., Inc., Quinn	(605)386-2375	C	

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
Faulk	Carlson Farms, Seneca	(605)436-6203.....	C	
Lyman	Herman Agri, Inc., Presho	(605)869-2304	C	
Lyman	Karlen Ranch Partnership, Reliance	(605)473-5605.....	C	

SY SUNRISE—SY Sunrise is a hard red winter wheat bred and developed by Syngenta Seeds, Inc. – AgriPro and released in 2015. SY Sunrise was tested as 06BC796-68. SY Sunrise is a standard height semi dwarf variety that has white chaff at maturity. SY Sunrise is best adapted to the winter wheat growing areas of the Central Plains. SY Sunrise has early maturity, similar to SY Monument. 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, lax and awned. Glume pubescence is absent. Shoulders are oblique and the beak shape is acuminate. Seed shape is ovate. Seed cheeks are rounded. SY Sunrise is resistant to stem rust and is moderately susceptible to WSMV. It is moderately resistant to leaf rust and stripe rust. Syngenta-AgriPro maintains Breeders seed stock and certified classes of Foundation, Registered and Certified. SY Sunrise is protected under the Plant Variety Protection Act with the Title V Certification option.

County	Name, Address	Telephone	Class	Acres
Lyman	Karlen Ranch Partnership, Reliance	(605)473-5605.....	C	
Sully	Wittler Seed Farm, Agar	(605)258-2431	R	

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	
Sully	Wittler Seed Farms, Agar	(605)258-2431	R	

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	
Faulk	Carlson Farms, Seneca	(605)436-6203.....	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	
Pennington	Yardley & Co., Inc., Quinn	(605)386-2375.....	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	
Walworth	Stiegelmeier Farms, Selby	(605)845-6034	C	
Walworth	Stiegelmeier Farms, Selby	(605)845-6034	R	

THOMPSON—Thompson hard red winter wheat was developed by the South Dakota Agricultural Experiment Station (SD AES) and released in 2017 to seed producers by the developing institution. The line was tested as SD09227 and has the pedigree SD97088/KS920709-B-5-2// Jagalene. Thompson is white chaffed, awned, semi-dwarf wheat, similar in height compared to Lyman and Overland. Thompson is a medium to later maturing type, typically flowering similar to Redfield and Ideal.

Winter hardiness is good. Resistance to lodging is better than Ideal and Overland. Thompson is resistant to leaf rust and moderately resistant to Fusarium head blight. The variety is moderately susceptible stem rust, stripe rust and WSMV. Thompson is susceptible to stripe rust and Tan spot. Thompson has similar test weight to Redfield and Ideal. The variety has average protein and acceptable baking properties. Thompson 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
Bon Homme	Keith & Justin Rothschadl, Tyndall	(605)661-0487.....	C	78
Davison	Wade Strand, Mitchell	(605)996-7533	C	38
			TOTAL	116

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
Spink	Jim Klebsch, Redfield	(605)472-3134.....	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. Application to the Plant Variety Protection Office is being contemplated for WB4309.

County	Name, Address	Telephone	Class	Acres
Brown	Agtegra Cooperative, Aberdeen	(888)429-4902...	C	
Spink	Jim Klebsch, Redfield	(605)472-3134.....	C	
Tripp	Elevate Agronomics, Inc., Winner	(605)840-0373.....	C	
Walworth	Stiegelmeier Farms, Selby	(605)845-6034	C	

WB4510CLP— WB4510CLP is a hard red winter wheat developed by Bayer Crop Science. The variety was tested as XD4201 and is licensed to WestBred for marketing. WB4510CLP was released in 2021. It contains two genes conferring tolerance to the BASF herbicides ‘Beyond’ or ‘Clear-Max’. WB4510CLP is a medium-late maturing variety. WB4510CLP is an awned, white-chaffed, semi-dwarf variety. The variety has lax density, inclined, tapering spikes. The certified classes of seed shall be Founda-

tion, Registered and Certified. Application to the Plant Variety Protection office has been made with the Title V certification option.

County	Name, Address	Telephone	Class	Acres
Jones	Rankin & Sons Inc., Draper	(605)669-2511.....	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. 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, Tyndall	(605)661-0487.....	R	23
Brule	Christensen Grain Farm Part., Pukwana	(605)730-2269.....	C	188
Charles Mix	Clearfield Colony, Delmont	(605)770-1193.....	C	580
Charles Mix	Hansum Brothers (Larry), Platte	(605)680-1023...	C	47
Clark	Larson Seed Farm, Clark	(605)532-5557	C	62
Codington	Thyen Farms, Watertown	(605)520-8159	C	216
Codington	Thyen Farms, Watertown	(605)520-8159	R	25
Corson	Howe Seeds, Inc., McLaughlin	(605)823-4892.....	C	148
Davison	Nick Lorang, Mt. Vernon	(605)770-5794.....	R	128
Day	Hansmeier & Son, Inc., Bristol	(605)492-3611.....	R	130
Faulk	Carlson Farms, Seneca	(605)436-6203.....	C	167
Gregory	TDK Partnership, Fairfax	(605)654-2812	C	249
Haakon	Hand Brothers Partnership, Midland	(605)567-3397.....	C	552
Hanson	Glen Henglefeld, Alexandria	(605)227-4535.....	R	77
Jerauld	Broken Heart Ranch, Wess Springs	(605)999-1196.....	C	115
Jerauld	MPM Certified Seed, Wess Springs	(605)770-6537.....	R	144
Jones	Paul Patterson, Draper	(605)669-2647	C	263
Lyman	Herman Agri, Inc., Presho	(605)869-2304	R	34
Lyman	Drew Reuman, Presho	(605)280-5330	C	193
Lyman	Drew Reuman, Presho	(605)280-5330	R	20
Potter	Cronin Farms, Gettysburg	(605)765-9287	C	155
Potter	REH Farms, Inc., Gettysburg	(605)765-9552	C	252
Potter	REH Farms, Inc., Gettysburg	(605)765-9552	R	24
Spink	Jim Klebsch, Redfield	(605)472-3134	C	297
Spink	Nutrien Ag Solutions, Northville	(605)887-3422....	C	40
Spink	Nutrien Ag Solutions, Northville	(605)887-3422....	R	80
Spink	Rahm Seed Cleaning (Curtis), Turton	(605)897-6623.....	C	50
Stanley	Sioux Nation, LLC, Ft. Pierre	(605)223-2427.....	C	80
Stanley	Sioux Nation, LLC, Ft. Pierre	(605)223-2427.....	R	58
Sully	Wittler Seed Farm, Agar	(605)258-2431	C	524
Sully	Wittler Seed Farm, Agar	(605)258-2431	R	72

Tripp	Elevate Agronomics, Inc., Winner (605)840-0373.....	C	237
Tripp	Jorgensen Land & Cattle, Ideal (605)842-3217	C	409
Tripp	Jorgensen Land & Cattle, Ideal (605)842-3217	R	21
TOTAL			5660

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.

County	Name, Address Telephone	Class	Acres
Spink	Jim Klebsch, Redfield (605)472-3134.....	C	

SEED GROWERS

Listed alphabetically by NAME

Abeln Farm, Inc. , 40344 134th Street Groton, SD 57445.....	605-397-2452
Agtegra Cooperative , 908 Lamont St S Aberdeen, SD 57401	888-429-4902
Barber, Ken , 30385 187th St, PO Box 905 Onida, SD 57564	605-258-2708
Bauder, Sean , 41814 298th Street Tyndall, SD 57066	605-670-9186
Biegler, Alan , PO Box 188 Timber Lake, SD 57656-0188.....	605-865-3231
Bielmaier Farms , PO Box 430 Wall, SD 57790-0430.....	605-279-2841
Bisgard Farms , 14920 444th Avenue Waubay, SD 57273.....	605-881-3385
Bollweg Farms , 20210 322nd Avenue Harrold, SD 57536	605-875-3440
Bosworth, Joe , 37644 252nd Street White Lake, SD 57383.....	605-680-2462
Brandt Farms Inc. , 18013 470th Avenue Clear Lake, SD 57226.....	605-520-0442
Broken Heart Ranch , 23268 383rd Avenue Wess Springs, SD 57382.....	605-999-1196
Buschenfeld, Mark , 19379 472nd Avenue Toronto, SD 57268.....	605-690-6773
Carey, Brandon , 10383 156th Avenue Hettinger, ND 58639	701-928-0030
Carlson Farms , 16573 334th Avenue Seneca, SD 57473.....	605-436-6203
Chris Howard Ranch , 19245 355th Avenue Miller, SD 57362	605-204-0299
Christensen Grain Farm Part. , 34517 252nd Street Pukwana, SD 57370	605-730-2269
Clearfield Colony , 40248 293rd Street Delmont, SD 57330-6908	605-770-1193
Cronin Farms , 30431 167th Street Gettysburg, SD 57442	605-765-9287
Dakota's Best Seed Co. , 36656 Hwy 44 Platte, SD 57369-6337.....	605-337-3318
Dowling, Skyler , 20493 Pheasant Pl Pierre, SD 57501	605-222-9065
Eastman, Cody , 405 Washington Street Brandt, SD 57218-0188	605-690-8891
Eisenbeisz Farms , 32512 127th Street Bowdle, SD 57428-5005.....	605-285-6738
Eisenbraun, Tyrel , 23245 Jensen Rd Wall, SD 57790.....	605-685-3686
Elevate Agronomics, Inc , 27763-317th Avenue, E Hwy 44 Winner, SD 57580.....	605-840-0373

Even, Rick , 48504 210th Street Elkton, SD 57026.....	605-542-4021
Fiedler Farms Inc. , 13073 309th Avenue Selby, SD 57472-5809.....	605-649-6280
Foundation Seed Stocks , 1211 N Campus Dr. SDSU Box 2125 Brookings, SD 57007-1096.....	605-688-5418
Frericks, Stacey , 38803 165th Street Ashton, SD 57424.....	605-460-0887
Giese, Gerhard , 30051 137th Street Selby, SD 57472.....	605-649-7832
Golden Willow Seeds Inc. , 21304 238th Avenue Midland, SD 57552-3122.....	605-843-2187
Green Thumb Commodities , 21718 445th Avenue, PO Box J Oldham, SD 57051-0018.....	605-482-8295
Gruenhagen, Jason , PO Box 472 DeSmet, SD 57231.....	605-860-9959
Halls Seed LLC , 20466 451st Ave Arlington, SD 57212.....	605-690-3594
Hand Brothers Partnership , 24704 204th Street Midland, SD 57552.....	605-567-3397
Hansmeier & Son , 77 South Main, PO Box 136 Bristol, SD 57219.....	605-492-3611
Hansum Brothers , 37315 275th Street Platte, SD 57369.....	605-680-1023
Henglefelt, Glen , 46589 418th Avenue Alexandria, SD 57311.....	605-227-4535
Herman Agri Inc. , 31120 252nd Street Presho, SD 57568.....	605-869-2304
Howe Seeds, Inc. , PO Box 496 McLaughlin, SD 57642.....	605-823-4892
J & J Horter Farm Partnership , 13808 SD Hwy 27 Andover, SD 57422.....	605-216-4852
Jfrey Inc. , 12532 290th Avenue Mobridge, SD 57601.....	605-848-1486
Jim Fischbach Farm Inc. , 38989 147th Street Warner, SD 57479-7014.....	605-887-3269
Jorgensen Land & Cattle , 31250 265th Street Ideal, SD 57541.....	605-842-3217
K & K Farms Inc. , 47244 181st Street Clear Lake, SD 57226-5439.....	605-874-2322
Karlen Ranch Partnership , 33055 235th St, PO Box 1343 Reliance, SD 57569.....	605-473-5605
Kirsch Farms , 27143 369th Avenue Platte, SD 57369.....	605-337-9658
Klebsch, Jim , 38701 170th Street Redfield, SD 57469.....	605-472-3134
Koeppel Seeds , PO Box 64 Claire City, SD 57224-0064.....	605-652-4529
Kuecker Kountry Farms , 43846 147th Street Webster, SD 57274-6025.....	605-345-4601
Kuecker Seed Farm , 14762 438th Avenue Webster, SD 57274-6027.....	605-345-3169

KWS CEREALS USA, LLC , 495 County Rd 1300 N Champaign, IL 61822.....	952-836-8469
Larson Seed Farm , 43445 171st Street Clark, SD 57225-5200	605-532-5557
Lorang, Nick , 25406 398th Avenue Mt. Vernon, SD 57363	605-770-5794
LW Sales, Inc. , 300 Railroad Ave, PO Box 668 Groton, SD 57445	605-397-8111
Lynch, Chris , PO Box 496 McLaughlin, SD 57642.....	605-850-9805
Malsam Farms, Inc. , 12988 342nd Avenue Roscoe, SD 57471	605-380-7832
Matucha, Lance , 34642 Frey Road Burke, SD 57523-0445	605-830-7810
Midstate Agronomy , 43204 Highway 14, PO Box 10 DeSmet, SD 57231-0010.....	605-854-9282
Millborn Seeds, Inc , 2132 32nd Avenue Brookings, SD 57006.....	605-697-6306
Misar, Mark , 41721 294th Street Scotland, SD 57059.....	605-661-1094
Moeckly Elevator, Inc. , 41648 SD Hwy 10 Britton, SD 57430-5505	605-448-2212
MPM Certified Seed , 22875 383rd Avenue Wess Springs, SD 57382.....	605-539-0070
Mustang Seeds, Inc. , 306 S. Washington, PO Box 466 Madison, SD 57042	605-256-6529
Nelson Grain Farms LLC , 14696 455th Avenue Summit, SD 57266.....	605-881-4258
Nelson's HB Seed , 1020 N Broadway, PO Box 87 Miller, SD 57362	605-853-3025
Norberg, Dean , 34536 282nd Street Burke, SD 57523.....	605-830-2062
Nutrien Ag Solutions , 10 W Main Street, PO Box 109 Northville, SD 57465.....	605-887-3422
Olinger, John , PO Box 385 Woonsocket, SD 57385-0385.....	605-796-4855
Olsen Custom Farms , 1355 300th Street Hendricks, MN 56136	507-275-3176
Patterson, Paul , 28032 244th Street Draper, SD 57531-3142.....	605-669-2647
Pearlsgaard Farm, LLC , 46855 200th Street Bruce, SD 57220.....	605-690-8669
Peckham, Darwin , 41557 147th Street Bristol, SD 57219.....	605-228-9001
Pharmco Industries - Platte , 36590 SD Hwy 44 Platte, SD 57369.....	605-337-3374
Raap, Torre , 41227 135th Street Andover, SD 57422.....	605-216-2875
Rahm Seed Cleaning , 40340 161st Street Turton, SD 57477.....	605-897-6623
Rankin & Sons Inc. , 27924 239th Street Draper, SD 57531	605-669-2511

REH Farms Inc. , 16332 SD Hwy 1804 Gettysburg, SD 57442	605-765-9552
Reuman, Drew , PO Box 12 Presho, SD 57568.....	605-280-5330
Roghair, Henry Glen , 25951 241st Street Okaton, SD 57562	605-669-2819
Roitsch, Jerry , 60 - 5th Avenue E. Bristol, SD 57219-5804.....	605-492-3330
Rothschadl, Keith & Justin , 41612 298th Street Tyndall, SD 57066	605-661-0487
Schauer, Jim , 11698 363rd Avenue Leola, SD 57456-6405	605-439-3179
Sexauer Discount Farm Services , PO Box 540 Brookings, SD 57006-0540.....	605-696-7924
Sioux Nation, LLC , 309 Farwest Ave, PO Box 452 Ft. Pierre, SD 57532	605-223-2427
Stiegelmeier Farms , 13402 306th Avenue Selby, SD 57472-5802.....	605-845-6034
Strand, Wade , 25798 409th Avenue Mitchell, SD 57301-5801.....	605-996-7533
TDK Partnership , 37067 Hwy 18 Fairfax, SD 57335	605-654-2812
Thyen Farms , 46220 165th Street Watertown, SD 57201-8765.....	605-520-8159
Tritle, Carper, Cahill Homestead LLC , 31046 272nd Street Winner, SD 57580.....	605-208-6116
Van Dusseldorp Ag , 521 Wisconsin Ave, PO Box 308 Platte, SD 57369.....	605-337-3052
Wedel, Brad , 19772 409th Avenue Yale, SD 57386.....	605-350-2923
Weisbeck & Sons , 11193 US Hwy 83 Herreid, SD 57632-5802	605-437-2963
Wittler Seed Farm , PO Box 29 Onida, SD 57564	605-258-2431
Wookey, Dwight , 42152 155th Street Webster, SD 57274.....	605-228-8603
Yardley & Co, Inc. , 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

Dakota's Best Seed, LLC

36656 Hwy 44, Platte, SD 57369

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

Gayland Ward Seed Company, Inc.

4395 US Hwy 60, Hereford, TX 79045

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

Heritage Seed Co., Inc.

324 Main St, PO Box 544, Crawford, NE 69339

Howe Seeds, Inc.

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

Jorgensen Land & Cattle

31250 265th St, Ideal, SD 57541

Kuecker Seed Farm, Inc.

14762 438th Ave, Webster, SD 57274

Mettler Fertilizer, Inc.

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

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

SD Crop Improvement Assn

2380 Research Park Way, Suite 136, Brookings, SD 57006-1785

Seed Exchange

PO Box 247, Platte, SD 57369

Sexauer Discount Farm Services, Inc.

PO Box 540, Brookings, SD 57006

Sioux Nation, LLC

PO Box 452, Ft Pierre, SD 57532

Sunbird Inc.

702 3st St SW, PO Box 942, Huron, SD 57350

Trask Family Seeds

18166 Smithville Rd, Wasta, SD 57791

Turnis Farm Service

200 N Main, Platte, SD 57369

Van Dusseldorp Ag

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

Wilbur Ellis Company

18100 Hwy 281, Tulare, SD 57476

Approved Certified Seed Conditioners

The following seed conditioning plants have been approved for cleaning South Dakota Certified Seed for the 2021-2022 year:
(Sorted alphabetically by town)

NAME, TOWN, PHONE	CROPS ELIGIBLE TO CONDITION	
Hall's Seed LLC 20466 451st Avenue Arlington, SD 57212	605-690-3594	Buckwheat, field peas, millet, small grains, soybeans
Fairway Seed Company 802 Depot, PO Box 580 Armour, SD 57313-0580	605-724-2401/ 605-770-2896	All crops
*Custom Grain Cleaning PO Box 522 Bath, SD 57427-0522	605-226-3540/ 605-380-0513	Small grains, Portable Cleaner
*Central Seed Service PO Box 270 Blunt, SD 57522	605-280-9085	Small grains, soybeans, Portable Cleaner
Eisenbeisz Farms, Inc. 32512 127th Street Bowdle, SD 57428-5005	605-285-6738/ 605-281-1154	Small grains
Hansmeier & Son, Inc. 77 S. Main Street, PO Box 136 Bristol, SD 57219-0136	605-492-3611/ 605-377-3325/ 605-492-3531	All crops
Moeckly Elevator, Inc. 41648 SD Highway 10 Britton, SD 57430-5505	605-448-2212/ 605-237-2054	Corn, millet, small grains, Soybeans
Arrow Seed Co., Inc. 126 North 10th Ave, PO Box 722 Broken Bow, NE 68822-0722	800-622-4727	Grasses, small grains, small-seeded legumes
Sexauer Discount Farm Services, Inc. PO Box 540 Brookings, SD 57006-0540	605-696-7924	Millet, small grains
*Northern Agril Brands, LLC 701 Dewey Blvd., #4248 Butte, MT 59701	406-952-1000	Oats, triticale, Portable Cleaner
*Pharmco Industries, LLC 1250 E. King Avenue Chamberlain, SD 57325	605-234-5209/ 605-730-0624	Small grains, Portable Cleaner

* Portable Cleaner

Koeppse Seeds PO Box 64 Claire City, SD 57224-0064	605-652-4529/ 605-742-4336	Buckwheat, flax, millet, small grains, soybeans
Larson Seed Farm 43445 171st Street Clark, SD 57225-5200	605-532-5557/ 605-880-5087	Flax, small grains, soybeans
B & L Ag Inc. 18257 471st Avenue Clear Lake, SD 57226	605-956-1389	Small grains
*Voeller Superior Seed Grading 11475 391st Avenue Columbia, SD 57433	701-320-4486/ 701-320-0934	Small grains, Portable Cleaner
*Grain Conditioning 2 Inc. 11065 MacDonald Avenue Conifer, CO 80433	724-650-5774	Wheat, Portable Cleaner
Legend Seeds Processing Plant PO Box 241 DeSmet, SD 57231-0241 Cleaning plant is located near Willow Lake, along Hwy 25.	800-678-3346/ 605-854-3346	Soybeans
CHS Dakota Prairie 1026th Avenue, PO Box 8 Edgeley, ND 58433-0008	701-493-2808/ 701-493-2481	Flax, small grains, soybeans
*Mid Dakota Seed Service PO Box 373 Faulkton, SD 57438-0373	605-460-1119	Millet, small grains, soybeans, Portable Cleaner
Dakota Mill & Grain, Inc. 507 Elevator Road, PO Box 338 Ft. Pierre, SD 57532-0338	605-223-2557/ 605-223-2558	Small grains
*Sioux Nation, LLC PO Box 452 Ft. Pierre, SD 57532	605-223-2427/ 605-223-3101	Field Peas, flax, millet, pulse crops, small grains, Portable Cleaner
*Sioux Nation of Fort Pierre 504 Deadwood, PO Box 452 Ft. Pierre, SD 57532	605-223-2427/ 605-223-3101	Field Peas, flax, millet, pulse crops, small grains, Portable Cleaner
Rix Farms Inc. 12960 406th Avenue Groton, SD 57445-5475	605-397-7118	Millet, soybeans, wheat

* Portable Cleaner

LW Sales, Inc. PO Box 668 Groton, SD 57445	605-397-8111	Small grains
*Pullan Grain Cleaning 14041 402nd Avenue Groton, SD 57445	605-395-6456	Small grains, soybeans, Portable Cleaner
*General Grain Cleaning 930 115th Avenue SE Hannaford, ND 58448	701-769-2300/ 800-797-3268	Dry beans, small grains, soybeans, Portable Cleaner
*General Grain Cleaning #2 930 115th Avenue SE Hannaford, ND 58448	701-769-2300/ 800-797-3268	Dry beans, small grains, soybeans, Portable Cleaner
OCF Seeds 1355 300th Street Hendricks, MN 56136	507-275-3176/ 605-690-0918	Millet, small grains
*Cotten Seed Service 203 2nd Street, PO Box 125 Henry, SD 57243-0125	605-532-3738/ 605-881-6178	Small grains, soybeans, Portable Cleaner
*Weisbeck & Sons 11193 US Highway 83 Herreid, SD 57632-5802	605-437-2963/ 605-230-0089	Small grains, Portable Cleaner
*Mac's Corner Ag Supply 33553 SD Hwy 34 Highmore, SD 57345	605-852-9280/ 605-870-1421	Small grains, Portable Cleaner
*Jorgensen Land & Cattle 31250 265th Street Ideal, SD 57541	605-842-3217	Small grains, Portable Cleaner
*Mark Perrion Grain Cleaning 212 Cambridge Avenue Ipswich, SD 57451	605-216-6836	Small grains, Portable Cleaner
*Pharmco Industries, LLC 36704 252nd Street Kimball, SD 57355	605-778-6579/ 605-682-9175	Small grains, Portable Cleaner
Howe Seeds, Inc. 11198 272nd Avenue, PO Box 496 McLaughlin, SD 57642	605-823-4892/ 605-845-5892	Flax, pulse crops, small grains, small-seeded legumes
Mustang Seed Cleaning Plant PO Box 466 Madison, SD 57042-0466 Plant is located 13 miles north of Highmore, SD.	605-256-6529/ 605-270-7540 (Jason) 605-871-3624 (Matt)	Oats

* Portable Cleaner

Mettler Fertilizer 656 E. Highway 18, PO Box 325 Menno, SD 57045-0325	605-387-5513/ 605-464-0078	Wheat
Golden Willow Seeds, Inc. 21304 238th Avenue Midland, SD 57552-3122	605-843-2187/ 605-843-2809/ 605-685-5911	Grasses, small grains, small- seeded legumes, sorghum
*Van Tassel Seed Cleaning 21306 238th Avenue Midland, SD 57552-4008	605-843-2171/ 605-685-4406	Millet, safflower, small grains, sunflower, Portable Cleaner
Stengel Seed & Grain 14698 SD Highway 15 Milbank, SD 57252-5424	605-432-6030	Flax, small grains, soybeans
*Nelson's HB Seed 1020 North Broadway, PO Box 87 Miller, SD 57362-0087	605-853-3025/ 605-870-1472/ 605-870-3048	Grasses, small grains, small-seeded legumes, soybeans, Portable Cleaner
*Wade Strand 25798 409th Avenue Mitchell, SD 57301-5801	605-996-7533/ 605-770-8790	Small grains, Portable Cleaner
Frey Seed 12532 290th Avenue Mobridge, SD 57601	605-848-1486	Millet, small grains
*Heskin Grain Processing, Inc. 19-1st Street NE, PO Box 111 New Rockford, 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 New Rockford, ND 58356-0111	701-947-5111/ 701-302-0653/ 701-947-5114	Wheat, field peas, Portable Cleaner
Nutrien Ag Solutions 10 W Main Street, PO Box 109 Northville, SD 57465	605-887-3422	Field peas, small grains, Soybeans
Green Thumb Commodities 21718 445th Avenue, PO Box J Oldham, SD 57051-0018	605-482-8295/ 800-843-3327	Flax, millet, small grains, small- seeded legumes
Dakota's Best Seed Co., Inc. 36656 West Hwy 44 Platte, 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 Platte, SD 57369	605-337-3374	Small grains, Portable Cleaner
Seed Exchange (Conditioning Plant) 36787 SD Hwy 44, PO Box 247 Platte, SD 57369-0247	605-337-9882	All crops
*Seed Exchange PO Box 247 Platte, SD 57369-0247	605-337-9882	Small grains, Portable Cleaner
Van Dusseldorp Ag PO Box 308 Platte, SD 57369	605-337-3052/ 605-730-0355	Millet, oats
*Reuman Ag 30403 SD Hwy 248 Presho, SD 57568	605-683-4175/ 605-222-1712	Small grains, Portable Cleaner
*Reuman Seed Farm PO Box 12 Presho, SD 57568	605-280-5330	Field peas, millet, Small grains, Portable Cleaner
Fiedler Farms, Inc. 13073 309th Avenue Selby, SD 57472-5809	605-845-6700/ 605-649-6280/ 605-649-7795	Millet, small grains
Foothills Seeds, Inc. 2323 South Junction Avenue PO Box 338 Sturgis, SD 57785-0338	605-347-4578	Grasses, small grains, small- seeded legumes
*Rahm Seed Cleaning 40340 161st Street Turton, SD 57477	605-897-6623/ 605-897-6540/ 605-887-7300/ 605-887-7800 (Jason)	Small grains, Portable Cleaner
*Spink County Grain Cleaners, Inc. 40604 161st Street Turton, SD 57477-5900	605-897-6628/ 605-635-6281	Small grains, Portable Cleaner
*Joe Blotske Grain Cleaning, LLC PO Box 694 Underwood, ND 58576-0694	701-442-3549/ 701-400-1792	Small grains, Portable Cleaner
*Blotske's Grain Cleaning (Dale) PO Box 167 Underwood, ND 58576-0167	701-301-2585	Wheat, Portable Cleaner

* Portable Cleaner

Pioneer Hi-Bred Int., Inc. 17835 Hwy 13 West, PO Box 93 Wahpeton, ND 58074-0093	701-642-5300	Soybeans
*Sandal Seed Cleaning 703 Hustead Street Wall, SD 57790	605-441-7921	Field peas, millet, safflower, Small grains, Portable Cleaner
*Sandal Seed Cleaning #2 703 Hustead Street Wall, SD 57790	605-441-7921	Field peas, millet, safflower, Small grains, Portable Cleaner
*Quality Seed Service 17613 449th Avenue Watertown, SD 57201-7675	605-881-7000	Soybeans, wheat, Portable Cleaner
Agwrx Cooperative 811 B N Drive Watertown, SD 57201	605-886-4406	Flax, small grains
LaBolt Farmers Grain 75 Central Avenue Waverly, SD 57201	605-882-4095/ 605-881-9850	Small grains
Kuecker Kountry Farms 43846 147th Street Webster, SD 57274-6025	605-345-4601/ 605-345-4328/ 605-345-3463/ 605-265-0229	Millet, small grains, soybeans
Kuecker Seed Farm, Inc. 14762 438th Avenue Webster, SD 57274-6027	605-345-3169/ 605-345-4397/ 605-380-3925	Flax, millet, small grains, soybeans
MPM Certified Seed 22875 383rd Avenue Wessington Springs, SD 57382	605-770-6537/ 605-539-0070	All crops
*Gene's Custom Grain Cleaning 11646 387th Avenue Westport, SD 57481	605-290-1236	Small grains, Portable Cleaner
Elevate Agronomics, Inc. 27763 317th Ave, E Hwy 44 Winner, SD 57580	605-842-0481/ 605-840-0373	Small grains, small-seeded legumes
*Pharmco Industries, LLC 27768 317th Ave Winner, SD 57580	605-840-0730	Small grains, Portable Cleaner

* Portable Cleaner

Approved Bulk Retail Facilities

(Sorted alphabetically by town)

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

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

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

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

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

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

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

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

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

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

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

Midstate Agronomy 43204 U.S. Hwy 14, PO Box 10 DeSmet , SD 57231-0010	605-854-9282/ 605-203-1694
CHS River Plains #1 RR Street, PO Box 127 Dupree , SD 57623-0127	605-365-5331/ 605-365-5332/ 800-564-0883
CHS River Plains 11103 Walnut Rd Eureka , SD 57437	605-284-2673
CHS River Plains PO Box 276 Fairfax , SD 57335-0276	605-654-2619/ 605-830-0848
Agtegra Cooperative 16253 355th Avenue, PO Box 69 Faulkton , SD 57438	605-598-6500
CHS River Plains 609 9th Avenue S. Faulkton , SD 57438	605-598-4532
CHS Farmer's Alliance 803 N. US Hwy 81, PO Box F Freeman , SD 57029	605-925-7424/ 605-648-3231/ 605-660-3371
Beringer Seed Sales LLC 16188 314th Avenue, PO Box 82 Gettysburg , SD 57442	605-769-0272
Brown Agronomy 30831 U.S. Hwy 212, PO Box 305 Gettysburg , SD 57442	605-765-9133
CHS River Plains 503 North Potter Gettysburg , SD 57442-1029	605-765-2476/ 605-765-2498
Abeln Farm, Inc. 40344 134th Street Groton , SD 57445	605-397-2452
Bollweg Farms (Michael) 20210 322nd Avenue Harrold , SD 57536	605-875-3440/ 605-870-1725

Agtegra Cooperative 32080 U.S. Hwy 14, PO Box 3 Harrold , SD 57536-0003	605-875-3375
Agtegra Cooperative 525 Commercial Ave. NE, PO Box 352 Highmore , SD 57345	605-852-2558/ 605-350-7264
Simplot Grower Solutions 200 U.S. Hwy 14 E., PO Box 564 Highmore , SD 57345	605-852-2777/ 605-295-0461
Western Consolidated Cooperative PO Box 78 Holloway , MN 56249	605-432-4531/ 320-394-2171 Located in Twin Brooks
Hoven Equity Exchange PO Box 785 Hoven , SD 57450-0785	605-948-2226
Howard Farmers Coop Assn. 310 W Hwy 34, PO Box 706 Howard , SD 57349-0706	605-772-5543/ 605-579-0352
Agtegra Cooperative 1000 4th Street NW, PO Box 18 Huron , SD 57350-0018	605-352-4390/ 605-352-4404
Agtegra Cooperative 36075 U.S. Hwy 12, PO Box 366 Ipswich , SD 57451	605-426-6999/ 605-426-6021
Helena Agri-Enterprises 128 N Sioux Street, PO Box 68 Iroquois , SD 57353	605-546-2504/ 605-256-3973
CHS River Plains 224 North Main, PO Box 15 Isabel , SD 57633-0015	605-466-2159
Agtegra Cooperative PO Box 157 Java , SD 57452	605-649-6291
Agtegra Cooperative 115 N. SD Hwy 273, PO Box 99 Kennebec , SD 57544	605-869-2255

Agtegra Cooperative 36694 Iron Horse Drive Kimball , SD 57355	605-778-6141
LaBolt Farmers Grain 102 E. Georgia Avenue, PO Box 91 LaBolt , SD 57246-0091	605-623-4581
Prairie Ag Partners PO Box 158 Lake Preston , SD 57249-0158	605-847-4551
Agtegra Cooperative 605 Railroad Street Lebanon , SD 57455	605-768-9465
Southwest Grain, Division of CHS, Inc. 201 2nd Street E., PO Box 239 Lemmon , SD 57638-0239	605-374-3301
Agtegra Cooperative 109 Elevator Road, PO Box 640 McLaughlin , SD 57642-0640	605-823-4441
Mustang Seeds 306 South Washington, PO Box 466 Madison , SD 57042-0466	605-256-6529/ 800-952-2324/ 605-270-7540
Fremar, LLC (Dimock) PO Box 357 Marion , SD 57043-0357	605-928-3392 Located in Dimock
Agtegra Cooperative PO Box 107 Mellette , SD 57461-0107	605-887-3572
Buy Rite Seed, LLC 35539 U.S. Hwy 14 Miller , SD 57362	605-853-2513/ 605-204-0217/ Dale 605-870-2515/ Ryan 605-530-1895 Mick
Agtegra Cooperative PO Box 425 Miller , SD 57362-0425	605-853-3006
Wilbur Ellis Air, LLC 609 14th Street W., PO Box 414 Miller , SD 57362	605-853-2382/ 605-461-3292

Agronomy Plus, Inc. 2500 W. Havens Street Mitchell, SD 57301	605-996-3339
CHS Farmer's Alliance 1100 N. Elevator Rd, PO Box 1286 Mitchell, SD 57301	605-996-7322/ 605-999-4914
Wheaton Dumont Coop Elevator 10620 364th Avenue New Effington, SD 57255	605-698-3251
Barber Chemicals, LLC PO Box 905 Onida, SD 57564	605-380-0672/ 605-258-2708
CHS River Plains 305 Cedar Avenue Onida, SD 57564-0424	605-258-2687/ 605-258-2688
Shepherd Seed Company, LLC 18514 301st Avenue Onida, SD 57564	605-264-5559/ 605-280-8058/ 605-280-9058
Wittler Seed Farm PO Box 29 Onida, SD 57564	605-258-2431/ 605-280-0152
Aesoph Seeds, LLC 34339 172nd Street Orient, SD 57467	605-870-0329
Agland Coop 115 South 1st Street Parkston, SD 57366-6213	605-928-3627/ 605-680-0078
CHS River Plains 1919 East Sioux Pierre, SD 57501-5830	605-224-5935
Turnis Farm Service, Inc PO Box 516 Platte, SD 57369-0516	605-224-5935. 605-337-3643
Wilbur Ellis Air, LLC 17150 US Highway 281 Redfield, SD 57469	605-472-2600

<p>Agtegra Cooperative 1227 3rd Street East Redfield, SD 57469</p>	605-472-0300
<p>Karlen Ranch Partnership 33055 235th St, PO Box 1343 Reliance, SD 57569-1343</p>	605-473-5605/ 605-730-5606
<p>Revilla Farmers Elevator PO Box 98 Revilla, SD 57259-0098</p>	605-623-4411
<p>Agtegra Cooperative 13345 341st Avenue, PO Box 138 Roscoe, SD 57471-0138</p>	605-287-4311
<p>CHS River Plains 1510 3rd Avenue, PO Box 323 Selby, SD 57472-0323</p>	605-649-7682
<p>Stiegelmeier Farms, Inc. 13402 306th Avenue Selby, SD 57472-5802</p>	605-649-7009/ 605-845-6034
<p>LaCrosse Seed, LLC 2810 West 3rd Street, Ste. #1 Sioux Falls, SD 57104</p>	877-338-9639/ 605-338-9639
<p>Agtegra Cooperative 38784 262nd Street, PO Box 248 Stickney, SD 57375-0248</p>	605-732-4240
<p>Wilbur Ellis Air, LLC 45149 152nd Street Summit, SD 57266</p>	605-947-4800
<p>Mettler Fertilizer 514 SD Hwy 37, PO Box 216 Tripp, SD 57376</p>	605-935-6106
<p>Agtegra Cooperative 102 Main Street, PO Box 126 Tulare, SD 57476-0126</p>	605-596-4114
<p>Leber Ag Service 308 Sally Ave., PO Box 107 Vale, SD 57788</p>	605-456-2538

CHS Farmer's Alliance 310 W. Railroad Street, PO Box 159 Wagner, SD 57380-0159	605-384-3671
Dakota Mill & Grain 111 2nd Ave., Box 419 Wall, SD 57790	605-279-2261
Agtegra Cooperative PO Box 350 Wessington Springs, SD 57382-0350	605-539-1555
Broken Heart Ranch 23268 383rd Avenue Wessington Springs, SD 57382	605-539-9615/ 605-999-1196/ 605-350-0334
MPM Certified Seed (West River) 22875 383rd Avenue Wessington Springs, SD 57382	605-539-0236/ 605-770-6537 Located in Hayes
Wilbur Ellis Air, LLC 22888 U.S. Hwy 281 Wessington Springs, SD 57382	605-539-0240/ 605-350-4538
CHS Farmer's Alliance 409 S Main Street White Lake, SD 57383	605-249-2610/ 605-249-2233
CHS – Herman 13653 SD Hwy 123 Wilmot, SD 57279	605-938-4664 320-815-2024
CHS River Plains 31711 Harvest Road Winner, SD 57580	605-830-2624
South Central Livestock Supply 27855 Golden Prairie Dr., PO Box 455 Winner, SD 57580	605-840-4070
Agtegra Cooperative 20137 U.S. Hwy 281 Wolsey, SD 57384	605-883-4317/ 800-290-2430
CHS 47014 SD Hwy 44 Worthing, SD 57077	605-372-3700

Agtegra Cooperative
218 So. Main
Yale, SD 57386

605-599-2911

NOTES

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 1/1000th acre

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

Metric Equivalents

(Linear Measure)

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

Meter Equivalents

(Square Measure)

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

Metric Equivalents (Volume)

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

Metric Equivalents (Weight)

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

Volume Conversion Factors/ Area Conversion Factors

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

GROWING DEGREE DAY EQUATION

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

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



**SDCIA/SEED CERTIFICATION DIVISION
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(605) 688-4604**

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