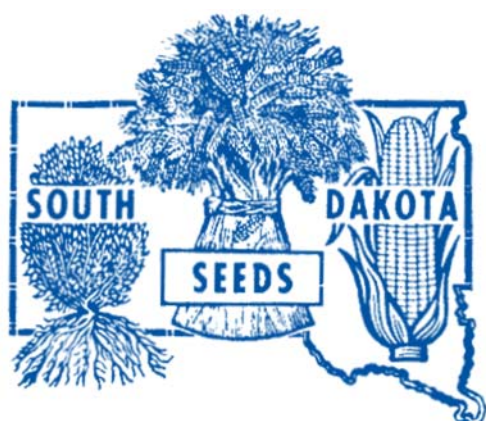


*South Dakota Certified Seed*

# **GROWER DIRECTORY**

## **FALL 2017 / SPRING 2018**



### **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.

# CERTIFIED SEED

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

## ORDER YOUR NEW CERTIFIED SEED TODAY!



## 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  
Hansmeier & Son, Inc., Bristol SD. . . . . 605-492-3611  
Moeckly Seed (REA Hybrids), Britton SD . . 605-448-2212

CROP VARIETY DESCRIPTIONS  
HRS Wheat Variety Characteristics

Variety	Origin	Year Rel.	Height Classification	Plant Height (in.)	Rust Reaction *			Stem	Protein	Straw Strength	Relative Maturity (Days)***	Beards	PVP**	FHB
					Stripe	Leaf	MS							
Advance	SD	'11	Semi-Dwarf	30"	MR	MS	MS	MR	Medium	Good	4	Yes	PVP-94 Title V	MR
Bolles	MN	'15	Semi-Dwarf	31"	MR	R	R	--	High	Good	6	Yes	PVP-94 Title V	MS
Boost	SD	'16	Medium	31"	MS	MR	MR	--	Medium	Good	6	Yes	Yes*	MS
Brick	SD	'08	Medium	32"	MS	MS	MS	R	Medium	Good-Medium	0	Yes	PVP-94 Title V	MR
Briggs	SD	'02	Medium	32"	MR	MS	MS	MR	Medium-High	Good-Medium	2	Yes	PVP-94 Title V	MS
Elgin-ND	ND	'12	Medium	32"	MS	MS	MS	R	Medium	Good	6	Yes	PVP-94 Title V	MS
Faller	ND	'07	Semi-Dwarf	26"	S	MS	MS	R	Medium	Good	6	Yes	PVP-94 Title V	MS
Focus	SD	'15	Semi-Dwarf	34"	MS	S	S	--	Medium	Good	1	Yes	PVP-94 Title V	MR
Forefront	SD	'11	Medium	34"	MR	MS	MS	MR	Medium	Good	2	Yes	PVP-94 Title V	MR

Lang-MN	MN	'17	Semi-Dwarf	32"	--	--	--	Medium	Good	4	Yes	Yes*	MR
LCS Trigger	LCS	'15	Semi-Dwarf	31"	MS	R	R	Medium	Good	7	Yes	PVP-94	S
Linkert	MN	'13	Semi-Dwarf	27"	MR	MR	--	Medium	Good	4	Yes	PVP-94 Title V	MS
Prevail	SD	'13	Semi-Dwarf	28"	MR	MS	MR	Medium	Good	2	Yes	PVP-94 Title V	MR
Prosper	ND	'11	Medium	32"	S	MS	R	Medium	Good	3	Yes	PVP-94 Title V	MS
Select	SD	'09	Semi-Dwarf	31"	MR	MS	MR	Medium-High	Good	1	Yes	PVP-94 Title V	MR
Shelly	MN	'16	Semi-Dwarf	30"	--	--	--	Medium	Good	7	Yes	PVP-94 Title V	MS
Surpass	SD	'16	Semi-Dwarf	31"	--	--	--	Medium	Good	2	Yes	Yes*	MR
SY Ingmar	SYN	'14	Semi-Dwarf	30"	--	MR	R	Medium-High	Good	3	Yes	PVP-94 Title V	MR
SY Rowyn	SYN	'13	Semi-Dwarf	31"	MS	MS	R	Medium	Good	3	Yes	PVP-94 Title V	MR
SY Rustler	SYN	'16	Semi-Dwarf	30"	MR	MR	--	Medium	Good	4	Yes	PVP-94 Title V	MS
SY Valda	SYN	'15	Semi-Dwarf	27"	MS	MR	--	Medium	Good	5	Yes	PVP-94 Title V	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. Yes\* = 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 2017

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**
AP503 CL2	AP	'08	MR	MS	MS	Medium Early 3	Excellent	Short 28"	Good	Acceptable	White	PVP Title V
Arapahoe	NE	'88	MR	MS	S	Medium Early 3	Fair	Medium 30"	Good-Excellent	Good	White	No
Brawl CL Plus	CO	'11	R	MS	MS	Early 0	Excellent	Short 28"	Good	Excellent	White	PVP Title V
Expedition	SD	'02	R	S	S	Early 0	Fair	Short 29"	Good-Excellent	Good	White	PVP Title V
Ideal	SD	'11	MR	S	S	Medium 4	Excellent	Short 29"	Good	Acceptable	White	PVP Title V
Infinity CL	NE	'05	MR	MR	S	Medium Early 3	Good	Medium 30"	Good	Acceptable	White	PVP Title V
Jerry	ND	'01	MR	R	MS	Late 6	Fair	Medium Tall 36"	Excellent	Good	White	No
Keldin	WB	'13	MR	--	MR	Medium 4	Excellent	Short 29"	Excellent	Acceptable	White	PVP Title V
LCS Mint	LCS	'12	MR	MS	MR	Early 0	Good	Short 29"	Good	Excellent	White	PVP Title V
Lyman	SD	'08	MR	R	S	Early 2	Fair	Medium 31"	Good	Acceptable	White	PVP Title V
Oahe	SD	'16	MR	MS	MR	Medium 4	Good	Medium 31"	Good	Acceptable	White	Yes*
Overland	NE/SD	'07	MR	MR	S	Medium 4	Good	Medium 30"	Excellent	Acceptable	White	PVP Title V
Redfield	SD	'13	MS	MR	S	Medium 4	Excellent	Short 28"	Good-Excellent	Good	Brown	PVP Title V
Settler CL	NE/SD	'08	MR	MR	MS	Medium Early 3	Good	Short 28"	Good	Acceptable	White	PVP Title V
SY Monument	SYN/AP	'14	MR	R	R	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	MR	MR	S	MR	Medium Early 3	Excellent	Short 28"	Good-Excellent	Acceptable	White	PVP Title V
T158	LCS	'09	MR	MS	MR	MS	Early 0	Good	Short 26"	Good	Good	White	No
WB4721	WB	'15	MR	--	MS	MR	Early 0	Excellent	Short 28"	Good	Good	Bronze	PVP-94
WB-Grainfield	WB	'12	MR	MR	MR	MR	Early 0	Good	Short 28"	Good	Good	White	PVP-94
Wesley	NE	'98	MS	R	S	S	Early 2	Excellent	Short 27"	Good-Excellent	Good	Brown	No

#### HWV WHEAT VARIETY CHARACTERISTICS

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								
Alice	SD	'06	MS	MR	MS	Early 1	Good	Short 28"	Good	Excellent	White	PVP Title V
NuDakota	SYN/AP	'06	MS	MS	MR	Medium Late 5	Good	Short 28"	Good	Acceptable	White	PVP Title V
Wendy	SD	'04	MS	MR	MS	Early 1	Excellent	Short 27"	Excellent	Acceptable	White	PVP Title V

\*S = Susceptible MS = Moderately Susceptible MR = Moderately Resistant R = Resistant M = Mixture of MR and MS Plants, X = Variable (Contains susceptible and resistant plants)  
PVP\*\*- PVP Title V- Certification Option - to be sold by variety name only as a class of Certified Seed. PVP-94 without Title V. Yes\*- application pending/anticipated.

# OAT VARIETY CHARACTERISTICS

Variety	Origin	Year Rel.	Color Grain	Test Weight	Relative Maturity*** (Days)	Height	Straw Strength	Red Leaf	--Disease Reaction*--				PVP**
									Smut	Stem Rust	Crown Rust	Protein	
Beach	ND	'04	White	Fair	7	Tall	Good	MS	R	S	MS	Low	No
Buff (Hull-less)	SD	'02	Hull-less	Very Good	4	Medium	Good	MR	R	S	MS	Medium High	No
Colt	SD	'09	White	Good	0	Medium	Fair	MS	R	MS	S	Medium High	PVP-94 Title V
Deon	MN	'13	Yellow	Good	9	Tall	Good	MS	R	MR	R	Medium High	PVP-94 Title V
Goliath	SD	'12	White	Good	9	Tall	Good	MR	R	R	MS	Medium High	PVP-94 Title V
Hayden	SD	'14	White	Good	7	Tall	Good	MR	R	MS	MS	Medium	PVP-94 Title V
Horsepower	SD	'11	White	Good	4	Medium	V Good	MS	MR	R	S	Medium	PVP-94 Title V
Hytet	SD	'86	Lt. Cream	Very Good	4	Tall	Good	S	MR	MS	S	High	No
Jerry	ND	'94	White	Good	4	Medium	Good	MS	MS	MS	S	Medium High	No

Natty	SD	'14	White	Good	2	Tall	V Good	MS	R	MS	MS	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
Rockford	ND	'09	White	Fair	9	Tall	Good	MR	MS	S	S	Medium High	PVP-94
Shelby 427	SD	'09	White	Good	2	Medium Tall	V Good	MS	MR	MS	S	Medium High	PVP-94 Title V
Souris	ND	'06	White	Fair	8	Medium	Good	MR	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
Sreaker (Hull-less)	SD	'09	Hull-less	Very Good	3	Medium Tall	Good	MR	R	MR	MS	Medium High	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. Yes\*- 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 <sub>(1)</sub>	Flower Color	Pubescence	Pod Color	Hilum Color	Seed Coat Lustre	Emergence <sub>(2)</sub>	Shattering <sub>(3)</sub>	Iron Chlorosis <sub>(4)</sub>	Phytophthora Root Rot <sub>(5)</sub>	Lodging Resistance	PVP <sub>(6)</sub>
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	I	I	3.0	RI	Good	Yes
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\* Plant Variety Protection applied for.

(1) Relative Maturity: 95% ripe pods. First digit is the maturity group with the number following the decimal point is the maturity rating within that group. Group 0 maturities spanned 18 calendar days so each unit on the relative scale (0.1) represents 1.8 days. In contrast, Group 1 maturities spanned 13 days and Group II spanned 12 days. Therefore, each (0.1) unit on the relative maturity scale represents 1.3 days for Group I and 1.2 for Group II varieties listed above.

(2) Emergence - indicates the percent of seeds that have emerged after 12 days from 4 1/2" depth (sand), maintained at 77° F. Scores indicate: 1 = more than 85% emerged, 2= 70-84%, 3=45-69%, 4=20-44%, and 5= 1-19%.

(3) Shattering - indicates the percent pods that have opened two weeks after maturity. Scores indicate 1= no shattering, 2 = 1-10%, 3 = 11-25%, 4 = 26-50%, and 5+ over 50% shattered.

(4) Iron Chlorosis - susceptibility is evaluated on sites with high pH soils and range from 1 (little or no yellowing) to 3 (moderate yellowing) to 5 (severe yellowing).

(5) Phytophthora Root Rot: S = Susceptible, R1, R3, and R4 = Genes for resistance to different races of Phytophthora.

(6) PVP - Plant Variety Protection, Title V. Certification Option - To be sold by variety name only as a class of Certified Seed. Yes\*\* - application anticipated/pending.

## BARLEY

**ND-GENESIS**—ND Genesis barley was developed and released by North Dakota State University Research Foundation in 2015. ND Genesis, tested as 2ND25276, is a two-rowed barley. ND Genesis has semi-smooth awns. Kernels have a white aleurone with long hairs on the rachilla. Heading date of ND Genesis is the same as Pinnacle. ND Genesis is approximately 1 inch shorter than Pinnacle. ND Genesis is moderately resistant to spot blotch and net blotch. It accumulates less DON than Pinnacle. ND Genesis is undergoing tests for malting quality by the AMBA. ND Genesis is protected under the U.S. Plant Variety Protection Act with the Title V certification option.

County	Name, Address	Telephone	Class	Acres
Roberts	Koepe Seeds, Claire City	(605)652-4529 .....	C	60
<b>TOTAL</b>				<b>60</b>

## CHICKPEAS

**CDC FRONTIER**—CDC Frontier chickpeas were developed by Saskatchewan Pulse Growers. CDC Frontier is a large Kabuli type chickpea (garbanzo) cultivar. This cultivar has fair resistance to Ascochyta blight and excellent seed quality traits. Plants of CDC Frontier are about equal in height to Dwelley. CDC Frontier flowers 2 days earlier than Dwelley. CDC Frontier has a fern leaf type. This means the leaves have from 9-15 leaflets. The seeds are large, deeply wrinkled and cream colored. CDC Frontier is protected under the Plant Variety Protection Act.

County	Name, Address	Telephone	Class	Acres
Corson	Howe Seeds, Inc., McLaughlin	(605)823-4892 .....	F	381
<b>TOTAL</b>				<b>381</b>

**CDC ORION**—CDC Orion chickpeas were developed by Saskatchewan Pulse Growers and released in 2010. CDC Orion is a large Kabuli type chickpea (garbanzo) cultivar. This cultivar has fair resistance to Ascochyta blight and excellent seed quality traits. Plants of CDC Orion are about equal in height to Amit and CDC Frontier. CDC Orion flowers 3 days earlier than Amit. The flowers of this variety are white. CDC Orion has a fern leaf type, similar to CDC Frontier and Amit. This means the leaves have from 9-15 leaflets. The seeds are large, deeply wrinkled and beige/cream colored, similar to CDC Frontier, but slightly bigger.

County	Name, Address	Telephone	Class	Acres
Corson	Howe Seeds, Inc., McLaughlin	(605)823-4892 .....	F	149
<b>TOTAL</b>				<b>149</b>

## FIELD PEAS

**AAC CARVER**— AAC Carver field pea was developed by Agriculture and Agri-Food Canada. The variety was released in 2015 and is distributed by Canterra Seeds. AAC Carver field pea is a medium maturing pea. The variety is semi-leafless and has white flowers. The seeds are yellow in color and are medium in size, similar to DS Admiral. Vine length is longer when compared to Agassiz.

County	Name, Address	Telephone	Class	Acres
Corson	Howe Seeds, Inc., McLaughlin	(605)823-4892 .....	F	284
Walworth	Leo Vojta, Glenham	(605)848-3709 .....	F	169
<b>TOTAL</b>				<b>453</b>

**AGASSIZ**—Agassiz field pea is a medium maturing pea, 2 days earlier than CDC Mozart. The variety is semi-leafless, the seeds are yellow in color and are medium in size, similar to DS Admiral. Vine length is also similar to DS Admiral. Agassiz is resistant to powdery mildew, moderately susceptible to Fusarium wilt and susceptible to Mycosphaerella. Agassiz is marketed by Meridian Seeds, LLC.

County	Name, Address	Telephone	Class	Acres
Walworth	Leo Vojta, Glenham	(605)848-3709.....	C	155
<b>TOTAL</b>				<b>155</b>

**CDC AMARILLO**—CDC Amarillo field pea is a semi-leafless variety released in 2016 and distributed by Saskatchewan Pulse Growers. CDC Amarillo is a yellow pea that is medium maturing. It is about the same height as Salamanca. CDC Amarillo has very good resistance to powdery mildew and fair resistance to Fusarium wilt. It has very good lodging resistance. Application has been made for Plant Variety Protection.

County	Name, Address	Telephone	Class	Acres
Corson	Leo Vojta, Glenham	(605)848-3709.....	F	119
<b>TOTAL</b>				<b>119</b>

**DS ADMIRAL**—DS Admiral field pea originated from the cross Renata//Bohatyr/M420062 made in 1988 in Holeby, Denmark. The variety is maintained by Agriprogress Inc., in Morden, Manitoba. Danisco Seed is the PVP Applicant. DS Admiral is a semi-leafless variety. The seeds are yellow in color and are medium to large in size when dried. DS Admiral has white flowers that number two per node. The pods are green and are pointed on the distal end. DS Admiral matures mid-season. The variety is moderately susceptible to root rot and Mycosphaerella blight, but is resistant to powdery mildew. DS Admiral is protected under the Plant Variety Protection Act with Title V certification option.

County	Name, Address	Telephone	Class	Acres
Lyman	Karlen Ranch Partnership, Reliance	(605)473-5605.....	C	691
Lyman	Karlen Ranch Partnership, Reliance	(605)473-5605.....	R	188
<b>TOTAL</b>				<b>879</b>

**DURWOOD**—Durwood field pea is a semi-leafless dwarf variety released in 2015. Similar in height to Mystique, Durwood was developed by NPZ and is owned by DL Seeds, Morden, Manitoba. The variety has yellow cotyledons and white flowers with a greenish tint. Application to the Plant Variety Protection office has been made with the Title V certification option.

County	Name, Address	Telephone	Class	Acres
Walworth	Stiegelmeier Farms, Selby	(605)845-6034 .....	C	296
Walworth	Stiegelmeier Farms, Selby	(605)845-6034 .....	F	108
<b>TOTAL</b>				<b>404</b>

**EARLY STAR**—Early Star field pea is an early-medium maturing pea. The variety is semi-leafless, the seeds are yellow in color and are medium in size. Flowers are white, and pods are green. Plant height at flowering is 84cm. Vine length is medium (90-115cm). Early Star is resistant to powdery mildew, moderately susceptible to Mycosphaerella blight. Early Star is marketed by Meridian Seeds, LLC.

County	Name, Address	Telephone	Class	Acres
Lyman	Drew Reuman, Presho	(605)280-5330 .....	C	236
			<b>TOTAL</b>	<b>236</b>

**LG AMIGO**—LG Amigo field pea was released by Limagrain Europe S.A. in 2017, and is licensed by Pulse USA, Bismarck, ND. The variety was tested as LGPN4244. LS Amigo is a semi-leafless variety. The seeds are yellow in color. LG Amigo has white flowers. Application for Plant Variety Protection has been made.

County	Name, Address	Telephone	Class	Acres
Walworth	Stiegelmeier Farms, Selby	(605)845-6034 .....	F	23
			<b>TOTAL</b>	<b>23</b>

**NETTE 2010**—Nette 2010 field pea is a semi-leafless variety. Nette 2010 is early-medium in maturity. The variety has yellow cotyledons, white flowers and green foliage color. Nette 2010 is a few inches shorter than DS-Admiral. Seeds are smaller to medium in size, smooth, round and yellow in color. Nette 2010 is protected under the U.S. 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	278
Walworth	Stiegelmeier Farms, Selby	(605)845-6034 .....	R	297
Walworth	Stiegelmeier Farms, Selby	(605)845-6034 .....	F	205
			<b>TOTAL</b>	<b>780</b>

**SALAMANCA**—Salamanca field pea is licensed by Legume Logic Crosby, 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	336
Perkins	Brandon Carey, Hettinger, ND	(701)928-0030.....	R	55
			<b>TOTAL</b>	<b>391</b>

**SW MIDAS**—SW Midas field pea was developed by Svalof Weibull AB and released in 2002. The variety was tested as SW 975539. SW Midas is a early maturing pea, but later than SW Salute. The variety is semi-leafless, the seeds are yellow in color and are medium in size. SW Midas is resistant to powdery mildew. SW Midas is protected under the Plant Variety Protection Act with Title V certification option.

County	Name, Address	Telephone	Class	Acres
Lyman	Karlen Ranch Partnership, Reliance	(605)473-5605.....	C	885
Lyman	Karlen Ranch Partnership, Reliance	(605)473-5605.....	R	127
Walworth	Stiegelmeier Farms, Selby	(605)845-6034 .....	R	317
Walworth	Stiegelmeier Farms, Selby	(605)845-6034 .....	F	142
			<b>TOTAL</b>	<b>1471</b>



## LENTILS

**CDC INVINCIBLE CL**—CDC Invincible CL is a yellow cotyledon lentil line suited to the small green market class. It was developed at the Crop Development Centre, University of Saskatchewan and was released in 2017. 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 Invincible CL is a tall early maturity variety, maturing three days earlier than CDC Maxim CL. Application for Plant Variety Protection with the Title V certification option has been made.

County	Name, Address	Telephone	Class	Acres
Lyman	Karlen Ranch Partnership, Reliance	(605)473-5605.....	C	149
<b>TOTAL</b>				<b>149</b>

**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	1506
Lyman	Karlen Ranch Partnership, Reliance	(605)473-5605.....	R	84
Walworth	Stiegelmeier Farms, Selby	(605)845-6034 .....	C	150
<b>TOTAL</b>				<b>1740</b>

## MILLET

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

County	Name, Address	Telephone	Class	Acres
Brookings	Foundation Seed Stocks, Brookings	(605)688-5418.....	F	12
Hand	Bob Speck, St. Lawrence	(605)853-2643 .....	R	24
Jerauld	Al Meier, Wess Springs	(605)770-9679 .....	R	411
Jones	Henry Glen Roghair, Okaton	(605)669-2819 .....	C	50
<b>TOTAL</b>				<b>497</b>

## SAFFLOWER

**FINCH**—Finch safflower was developed by the Montana Agricultural Experiment Station and cooperatively released with the North Dakota Agricultural Experiment Station and USDA-ARS in 1986. Tested as 81B3565, Finch is similar to S-208 in flowering and maturity. The flower is yellow in the bud and full bloom stages. Height of Finch averages about 51.3 cm under dryland conditions. The seeds are predominately white with a high test weight. Finch has more disease resistance to Alternaria leaf spot and Pseudomonas bacterial blight than S-208. Finch was released as a normal hull cultivar for the birdseed market and recommended for dryland production.

County	Name, Address	Telephone	Class	Acres
Stanley	Marc Scarborough, Hayes	(605)567-3340.....	R	347
<b>TOTAL</b>				<b>347</b>

## 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
<b>TOTAL</b>				<b>10</b>

## 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	35
<b>TOTAL</b>				<b>35</b>

## 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
			<b>TOTAL</b>	<b>50</b>

**SUNBURST**—Sunburst switchgrass was developed by the South Dakota Agricultural Experiment Station and was released in 1983. Sunburst was tested as SD-32 and is a composite of open-pollinated seed from 800 plants, representing 10 outstanding families selected from southeastern South Dakota ecotypes. The variety was especially selected for its large seed size. Sunburst is a vigorous, winter hardy, medium tall, medium maturity, leafy, upland type. Sunburst has exhibited significantly greater percent emergence and seedling vigor than both Summer and Nebraska 28. This increased seedling vigor is due to its large seed size. Chances for increased stand establishment can be expected. Sunburst matures earlier than Summer and later than Nebraska 28.

County	Name, Address	Telephone	Class	Acres
Brookings	Olsen Custom Farms, Hendricks, MN	(605)695-1118.....	C	45
Hand	Bob Speck, St. Lawrence	(605)853-2643 .....	C	40
			<b>TOTAL</b>	<b>85</b>

## OATS

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

County	Name, Address	Telephone	Class	Acres
Jones	Henry Glen Roghair, Okaton	(605)669-2819 .....	R	115
			<b>TOTAL</b>	<b>115</b>

**DEON**—Deon oat was developed by the University of Minnesota Agricultural Experiment Station (AES) and released in 2013. The line was tested as MN07210 and resulted from the cross Sesqui\*2/ Bettong/ MN02108. Deon is a tall, late maturing variety similar to Rockford. Deon has good straw strength. Deon has yellow hulls which are nonfluorescent under UV light. The variety has good test weight and high protein. Deon is moderately resistant to stem rust. Deon is moderately susceptible to barley yellow dwarf virus (BYD), 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
Brookings	Robert Thompson, Bruce	(605)983-3984 .....	R	70
Clark	David Spieker, Willow Lake	(605)625-3685 .....	C	100
<b>TOTAL</b>				<b>170</b>

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

County	Name, Address	Telephone	Class	Acres
Brookings	Foundation Seed Stocks, Brookings			
	(605)688-5418 .....		F	79
Charles Mix	Dakota's Best Seed Co., Platte	(605)337-3318 ....	C	285
Charles Mix	Pharmco Industries, LLC, Platte	(605)337-3374...	C	220
Day	Hansmeier & Son, Inc., Bristol	(605)492-3611 .....	C	55
Gregory	Dean Norberg, Burke	(605)830-2062 .....	C	279
Hand	Howard Farms, Miller	(605)853-2717 .....	C	22
Hyde	Jeff Ellsworth, Highmore	(605)870-1421 .....	C	83
Jerauld	Al Meier, Wess Springs	(605)770-9679 .....	C	274
Kingsbury	Green Thumb Commodities, Inc., Oldham			
	(605)482-8295 .....		C	264
Kingsbury	Cody Hall, Arlington	(605)983-3369 .....	C	24
Kingsbury	Jon Hall, Arlington	(605)983-3369 .....	C	46
Kingsbury	Nick Hall, Arlington	(605)203-1249 .....	C	65
Kingsbury	Hall's Seed, Arlington	(605)690-3594 .....	C	67
Lake	Mustang Seeds, Inc., Madison	(605)256-6529 .....	C	291
Tripp	Jorgensen Land & Cattle, Ideal	(605)842-3217 ....	C	255
<b>TOTAL</b>				<b>2309</b>

**HAYDEN**—Hayden oat is a white-hulled, spring oat developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2015. The line was tested as SD111972 and was developed from the three parent population Buckskin/ND011054/SD020835. Hayden

has medium-late maturity, heading about 4 days later than Shelby 427. Hayden is 2 inches taller than Shelby 427 and 4 inches shorter than Goliath. Hayden has excellent yield potential and high test weight. Hayden is resistant to smut and moderately resistant to BYDV. The variety is moderately susceptible to crown rust and 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
Beadle	Jason Gruenhagen, DeSmet	(605)860-9959.....	C	80
Bon Homme	Sean Bauder, Tyndall	(605)670-9186.....	C	48
Brookings	Foundation Seed Stocks, Brookings	(605)688-5418.....	F	69
Brookings	Robert Thompson, Bruce	(605)983-3984.....	C	42
Charles Mix	Kirsch Farms, White Lake	(605)337-9658.....	C	70
Charles Mix	Pharmco Industries, LLC, Platte	(605)337-3374...	C	627
Codington	Jay Grinols, South Shore	(605)886-8174.....	C	55
Gregory	Dean Norberg, Burke	(605)830-2062.....	C	92
Hyde	Jeff Ellsworth, Highmore	(605)870-1421.....	C	46
Jerauld	Al Meier, Wess Springs	(605)770-9679.....	C	54
Kingsbury	Green Thumb Commodities, Inc., Oldham	(605)482-8295.....	C	131
Kingsbury	Jon Hall, Arlington	(605)983-3369.....	C	65
Kingsbury	Hall's Seed, Arlington	(605)690-3594.....	C	55
McCook	Sam Hofer, Salem	(605)425-2211.....	C	143
Moody	James Trygstad, Colman	(605)690-3503.....	C	34
Potter	Cronin Farms, Gettysburg	(605)765-9287.....	C	32
Tripp	Ken Beck, Dallas	(605)830-2066.....	C	93
Tripp	Jorgensen Land & Cattle, Ideal	(605)842-3217....	C	140
<b>TOTAL</b>				<b>1876</b>

**HORSEPOWER**—Horsepower oat is a white-hulled, spring oat developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2011. The line was tested as SD081936 and was developed from the three parent population SD030888/SD030888/ND030349. Varieties in the pedigree include Settler and Troy. Horsepower has early-medium maturity, heading 2 days later than Shelby 427. Horsepower is 2 inches shorter than Colt. Horsepower has excellent yield potential and average test weight. The variety is resistant to stem rust. Horsepower is moderately resistant to smut and moderately susceptible to BYDV. Horsepower is susceptible to crown rust. Lodging resistance is better than Shelby 427 and Colt. Horsepower is protected under the Plant Variety Protection Act with the Title V certification option. Horsepower will not have a saleable registered class. A royalty fee will be collected on all sales of Registered and Certified classes for seed purposes.

County	Name, Address	Telephone	Class	Acres
Day	Hansmeier & Son, Inc., Bristol	(605)492-3611.....	C	36
Gregory	Lance Matucha, Burke	(605)830-7810.....	C	41
Lake	Mustang Seeds, Inc., Madison	(605)256-6529.....	C	110
McCook	Sam Hofer, Salem	(605)425-2211.....	C	133
<b>TOTAL</b>				<b>320</b>

**JERRY**— Jerry oats was developed by the North Dakota Agricultural Experiment Station and released in March of 1994. The line was tested as ND870952. The pedigree of Jerry is Valley/3/RL3038/Kelsey//M22/

Kelsey. Jerry is similar to Newdak in heading date and height and has good lodging resistance. Jerry has white hulls, which are fluorescent under UV light. Kernels have high test weight, groat percent and whole oat protein, but are not as high as Hytest in ND tests. Disease resistance ratings are moderately susceptible for barley yellow dwarf virus (BYDV), smut and stem rust. Jerry is susceptible to crown rust. The variety has medium high protein.

County	Name, Address	Telephone	Class	Acres
Charles Mix	Dakota's Best Seed Co., Platte	(605)337-3318 ....	R	218
Jones	Raymond Roghair, Okaton	(605)669-2248 .....	C	60
<b>TOTAL</b>				<b>278</b>

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

County	Name, Address	Telephone	Class	Acres
Brookings	Foundation Seed Stocks, Brookings	(605)688-5418.....	F	23
Brule	Thiry Feedlot, Inc. (Ed), White Lake	(605)249-2777.....	C	135
Charles Mix	Pharmco Industries, LLC, Platte	(605)337-3374...	C	210
Deuel	Cody Eastman, Brandt	(605)690-8891 .....	C	96
Kingsbury	Green Thumb Commodities, Inc., Oldham	(605)482-8295.....	C	96
Lake	Mustang Seeds, Inc., Madison	(605)256-6529 .....	C	90
<b>TOTAL</b>				<b>650</b>

**NEWBURG**—Newburg oat was developed by the North Dakota Agricultural Experiment Station (NDAES) and released in 2011. Newburg was tested as ND030365. Newburg is medium in maturity. The variety has a test weight similar to Souris. Newburg has good seed size, high groat percentage and has white hulls. Protein percent is similar to Souris. Newburg is approximately 7" taller than Souris with medium straw strength. The variety is moderately resistant to red leaf. Newburg is resistant to stem rust, but is susceptible to smut and crown rust. Newburg is protected under the U.S Plant Variety Protection Act. A license is required to produce and sell Newburg oats.

County	Name, Address	Telephone	Class	Acres
Lake	Mustang Seeds, Inc., Madison	(605)256-6529 .....	C	65
<b>TOTAL</b>				<b>65</b>

**ROCKFORD**—Rockford oat was developed by the North Dakota Agricultural Experiment Station (NDAES) and released in 2009. The variety was tested as ND000824. Rockford is medium-late in maturity, one day later than Newburg. The variety has good test weight. Rockford has good seed size, high groat percentage and has white hulls. Protein percent is a little less than Stallion. Rockford is a medium height oat with

good straw strength. The variety is moderately resistant to barley yellow dwarf virus (BYDV), and moderately susceptible to smut. Rockford is susceptible to stem rust and crown rust. Rockford is protected under the U.S Plant Variety Protection Act without the certification option. A license is required to produce and sell Rockford oats.

County	Name, Address	Telephone	Class	Acres
Corson	Howe Seeds, Inc., McLaughlin	(605)823-4892 .....	C	70
<b>TOTAL</b>				<b>70</b>

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

County	Name, Address	Telephone	Class	Acres
Brookings	Sexauer Discount Farm Services, Brookings	(605)696-7924.....	C	41
Deuel	Mark Buschenfeld, Toronto	(605)690-6773 .....	C	78
Lake	Mustang Seeds, Inc., Madison	(605)256-6529 .....	C	147
<b>TOTAL</b>				<b>266</b>

## 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 Rpsl-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)854-9021 .....	C	299
Hanson	HDP Farms, Inc., Alexandria	(605)239-4690 .....	R	9
Kingsbury	Hall's Seed, Arlington	(605)690-3594 .....	R	71
Kingsbury	Lon Hall, Arlington	(605)690-3594 .....	R	27
Misc.	Dylan Haanen, Browns Valley, MN	(605)290-5623.....	C	158
Misc.	Morgan Haanen, Browns Valley, MN	(605)237-3889.....	C	692
<b>TOTAL</b>				<b>1256</b>

**CODINGTON**—Codington soybean was developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2013. Codington was tested as SD04CV-611 and resulted from the cross Surge/A96-591033. Codington is a conventional variety. Codington is purple-flowered with tawny pubescence at maturity. Seed coat color is yellow and the hila are black. Relative maturity is rated at a 0.9, two days later than Surge. Codington has high protein content and average oil percentage. Lodging resistance is better than Surge. Seed size is larger than average with a plant height 1-2 inches taller than Surge. The variety may have up to 1.0% variants for hila color.

County	Name, Address	Telephone	Class	Acres
Day	Hansmeier & Son, Inc., Bristol	(605)492-3611.....	R	419
Misc.	Jeff Haanen, Browns Valley, MN	(605)290-4809..	R	44
<b>TOTAL</b>				<b>463</b>

**DAVISON**—Davison soybean was developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2009. Davison was tested as SD02-22 and resulted from the cross A2242 x IA2022. Davison is a conventional variety having the Rps1-a gene for Phytophthora root rot resistance. Davison is white-flowered with light tawny pubescence and tan pods at maturity. Seed coats have a dull luster and the hila are black. Relative maturity is rated at a 2.2. Davison has good emergence and quality scores. The shattering scores for Davison are also excellent. The variety has good lodging resistance. Davison is similar to Surge in plant height and the seed size is smaller. Davison 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	Jason Gruenhagen, DeSmet	(605)860-9959.....	C	100
Beadle	Jason Gruenhagen, DeSmet	(605)860-9959.....	R	30
Hand	Bob Speck, St. Lawrence	(605)853-2643 .....	R	53
Hanson	HDP Farms, Inc., Alexandria	(605)239-4690.....	R	9
<b>TOTAL</b>				<b>192</b>

**MN1806CN**—MN1806CN soybeans were developed by the Minnesota Agricultural Experiment Station and released in 2014. The conventional variety is resistant to cyst nematode. Seed classes recognized beyond Breeder seed are Foundation, Registered and Certified. The variety is a late Maturity Group I line. The variety has white flowers and tawny pubescence. Pods are brown at maturity and seed coats are yellow with yellow hila.

County	Name, Address	Telephone	Class	Acres
Beadle	Jason Gruenhagen, DeSmet	(605)860-9959.....	R	25
Hanson	HDP Farms, Inc., Alexandria	(605)239-4690.....	R	9
Kingsbury	Hall's Seed, Arlington	(605)690-3594 .....	R	55
Misc.	Jeff Haanen, Browns Valley, MN	(605)290-4809..	R	87
<b>TOTAL</b>				<b>176</b>

**ROBERTS**— Roberts soybean was developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2013. Roberts was tested as SD03-2154 and resulted from the cross Surge/A96-492041. Roberts is a conventional variety having the Rps1-k gene for Phytophthora root rot resistance. Roberts is purple-flowered with gray pubescence at maturity. Seed coat color is yellow and the hila



are gray. Relative maturity is rated at a 0.6. When compared to Surge, Roberts has better lodging resistance, smaller seed size, one inch taller in height and a day earlier in maturity. Roberts is lower in protein than Surge, but has higher oil content. The variety may have up to 1.0% variants for hila color.

County	Name, Address	Telephone	Class	Acres
Roberts	Koepe Seeds, Claire City	(605)652-4529 .....	C	40
<b>TOTAL</b>				<b>40</b>

## TRITICALE

**718—** 718 is a mid-tall, awnletted, winter triticale developed by Dr. George Fohner who is a plant breeder with Resource Seeds, Inc. The line was tested as 202718, and resulted from the cross 336//Presto/Lasko. Awnletted spikes were selected from the F4 population, and then 100 awnletted spikes were selected and bulked from the resulting F5 population to constitute breeder seed. 718 was released in 2009. Plant color at boot stage is green. The stem is very hairy. The flag leaf is twisted. Spikelets are tan in color when mature, dense with fusiform shape. Seed is elliptical, slightly wrinkled, amber colored with mid-long brush length. 718 is tolerant to stripe rust and BYDV. The variety has good lodging resistance and winter hardiness. Foundation, Registered and Certified classes are recognized beyond Breeder seed which is maintained by Resource Seeds, Inc. The variety is protected under the Plant Variety Protection Act.

County	Name, Address	Telephone	Class	Acres
Charles Mix	Dakota's Best Seed Co., Platte	(605)337-3318 ....	C	233
<b>TOTAL</b>				<b>233</b>

## DURUM WHEAT

**JOPPA—**Joppa durum was developed by the North Dakota State University Agricultural Experiment Station and released in 2013. Joppa, tested as D04581, was selected from the cross Maier/D97643 made in 2000. Joppa is similar to Carpio in height. The variety has stiff straw and is day length sensitive. The maturity of Joppa is 2 days later than Divide and similar to Tioga. The spikes are mid-dense, awned, oblong and erect. Joppa is resistant to stem rust and leaf rust.

County	Name, Address	Telephone	Class	Acres
Brookings	Rick Even, Brookings	(605)542-4021 .....	R	26
<b>TOTAL</b>				<b>26</b>

## HARD RED SPRING WHEAT

**ADVANCE—**Advance hard red spring wheat was developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2011. The variety was tested as SD4023 and was developed from the population Granger/N98-0230. Advance is a semi-dwarf variety, approximately one inch shorter in height than Knudson. Advance is a later maturing variety, approximately a half day later than Steele-ND. The variety is moderately resistant to stem rust, stripe rust and scab. Advance is moderately susceptible to leaf rust. Advance has adequate

milling and baking characteristics, with good test weight and average protein. Advance 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
Deuel	Brandt Farms, Inc., Clear Lake	(605)520-0442.....	C	86
Potter	REH Farms, Inc., Gettysburg	(605)765-9552 .....	C	150
Potter	REH Farms, Inc., Gettysburg	(605)765-9552 .....	R	23
Spink	Jim Klebsch, Redfield	(605)472-3134 .....	C	60
Spink	Curtis A. Rahm, Turton	(605)887-7300.....	C	135
<b>TOTAL</b>				<b>454</b>

**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	Crop Production Services, Inc., Northville	(605)887-3422.....	C	806
<b>TOTAL</b>				<b>806</b>

**BOLLES**—Bolles hard red spring wheat was developed and released by the University of Minnesota in 2015. The variety, tested as MN08165-8, is an early, awned, semi-dwarf. The heading date of Bolles is a day later than Prosper. It is average height with moderately strong straw. It has average test weight and excellent protein. Bolles is moderately susceptible to Fusarium head blight. It is resistant to prevalent races of leaf rust and moderately resistant to stripe rust. Bolles has high baking quality. Released by the Minnesota Agricultural Experiment Station, a research fee will be assessed on seed sold. Bolles is protected under the Plant Variety Protection Act with the Title V certification option.

County	Name, Address	Telephone	Class	Acres
Dewey	Alan Biegler, Timber Lake	(605)865-3231 .....	R	30
Faulk	Evergreen Colony, Faulkton	(605)216-4321 .....	C	320
<b>TOTAL</b>				<b>350</b>

**BOOST**— Boost hard red spring wheat was developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2016. The variety was tested as SD4299 and was derived from the cross SD3900/FN1705-146/Brick. Boost is a semi-dwarf variety, slightly shorter than Prevail. Boost has similar straw strength when compared to Forefront. Boost is a late maturing variety, five days later than Prevail. The variety has resistance to Bacterial Leaf Streak. Boost is moderately resistant to leaf rust. The variety is moderately susceptible to stripe rust and Fusarium head blight. Boost has adequate milling and baking characteristics, with high protein. Test weight is average and height is an inch shorter than Prevail. 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
Clark	Chris Olson, Bradley	(605)233-1323.....	C	33
Codington	Thyen Farms, Watertown	(605)520-8159 .....	C	69
Corson	Mike Beer, Keldron	(605)524-3383 .....	C	296
Corson	Howe Seeds, Inc., McLaughlin	(605)823-4892 .....	C	1518
Day	Kuecker Kountry Farms, Webster	(605)345-4601.....	C	289
Day	Kuecker Kountry Farms, Webster	(605)345-4601.....	R	33
Day	Kuecker Seed Farm, Inc., Webster	(605)345-3169.....	C	182
Hand	Dale Resel, St. Lawrence	(605)853-2513 .....	C	207
Roberts	Koeppse Seeds, Claire City	(605)652-4529 .....	C	100
Spink	Anthony L. Lyren, Conde	(605)897-7732.....	C	86
Spink	Curtis A. Rahm, Turton	(605)887-7300.....	C	130
Sully	Scott Foth, Onida	(605)280-2222.....	C	760
Sully	Wittler Farms, Agar	(605)258-2431.....	C	300

**TOTAL 4003**

**BRICK**—Brick hard red spring wheat was developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2008. The name Brick represents its dark red color and heavy test weight. The variety was tested as SD3851 and resulted from the cross ND2897/SD3219//SDSD3414. Brick is a semi-dwarf, similar in height to Briggs. Brick is an extremely early variety, maturing two days earlier than Briggs. The variety is resistant to stem rust and moderately resistant to Fusarium head blight. Brick is moderately susceptible to leaf rust and stripe rust. Brick has good milling and baking characteristics, with high test weight and average protein. Brick 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
Hughes	Bollweg Farms (Michael), Harrold	(605)875-3440.....	C	195
Walworth	Jeff Frey, Mobridge	(605)762-3326.....	C	120

**TOTAL 315**

**FOCUS**—Focus hard red spring wheat was developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2015. The variety was tested as SD4362 and was derived from the cross SD3943-21/Brick. Focus is a semi-dwarf variety, slightly taller than Brick with similar straw strength. Focus is an early maturing variety, one day later than Brick, and similar to Select. Focus is moderately susceptible to stripe rust. The variety is susceptible to leaf rust. Focus is moderately resistant to Fusarium head blight. Focus has adequate milling and baking characteristics, with exceptional test weight and average protein, similar to Brick and Select. Focus 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
Brown	Locken Farms, Bath	(605)380-2264 .....	C	641
Codington	Thyen Farms, Watertown	(605)520-8159 .....	C	227

Codington	Thyen Farms, Watertown	(605)520-8159 .....	R	10
Corson	Mike Beer, Keldron	(605)524-3383 .....	C	310
Corson	Howe Seeds, Inc., McLaughlin	(605)823-4892 .....	C	324
Lyman	Herman Agri, Inc., Presho	(605)869-2305 .....	C	64
Walworth	Gery Giese, Selby	(605)649-7832 .....	R	50
Walworth	Ronald Giese, Glenham	(605)649-6385 .....	C	241
Walworth	Zane Giese, Glenham	(605)230-9044 .....	C	25
<b>TOTAL</b>				<b>1892</b>

**FOREFRONT**—Forefront hard red spring wheat was developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2011. The variety was tested as SD3997 and was developed from the population FN1700-155/FN1500-074//Walworth. Forefront is a tall semi-dwarf variety, similar in height to both Granger and Traverse. Forefront is an early maturing variety, approximately two days later than Brick. The variety is moderately resistant to stem rust, stripe rust and Fusarium head blight. Forefront is moderately susceptible to leaf rust. Forefront has adequate milling and baking characteristics, with good test weight and protein. Forefront is protected under the U.S. Plant Variety Protection Act with the Title V certification option. A royalty fee will be collected on all sales of Registered and Certified classes for seed purposes.

County	Name, Address	Telephone	Class	Acres
Bennett	Kuxhaus Farms (Troy), Martin	(605)685-6004 .....	C	70
Day	Hansmeier & Son, Inc., Bristol	(605)492-3611 .....	C	379
Day	Hansmeier & Son, Inc., Bristol	(605)492-3611 .....	R	88
Tripp	Jorgensen Land & Cattle, Ideal	(605)842-3217 ....	C	220
Walworth	Ronald Giese, Glenham	(605)649-6385 .....	R	25
<b>TOTAL</b>				<b>782</b>

**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. 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. Lang-MN has tolerance to Fusarium head blight and Bacterial Leaf Streak. It has resistance to the prevalent races of leaf rust and stripe rust. Released by the Minnesota Agricultural Experiment Station, a research fee will be assessed on seed sold of Lang-MN. Application for Plant Variety Protection with Title V is anticipated.

County	Name, Address	Telephone	Class	Acres
Brookings	Foundation Seed Stocks, Brookings	(605)688-5418 .....	F	43
Day	Hansmeier & Son, Inc., Bristol	(605)492-3611 .....	R	202
Walworth	Fiedler Farms, Inc., Selby	(605)649-6280 .....	R	75
<b>TOTAL</b>				<b>320</b>

**LCS ANCHOR**—LCS Anchor hard red spring wheat was developed by and released by Limagrain Cereal Seeds in 2016. The variety was tested as LNR12-0283. LCS Anchor is an awned variety, with early maturity. It is a short, semi-dwarf variety. The flag leaf at boot stage is

recurved, not twisted, without wax. The spike shape is oblong, with lax density. The head is erect and white in color at maturity. LCS Anchor has tolerance to bacterial leaf streak, but is moderately susceptible to scab. The variety is moderately resistant to stripe and leaf rust, according to company data. LCS Anchor has average protein and good test weight. The variety has acceptable bread making quality. The certified classes of seed shall be Foundation, Registered and Certified. LCS Anchor is protected under the Plant Variety Protection Act.

County	Name, Address	Telephone	Class	Acres
Corson	Howe Seeds, Inc., McLaughlin	(605)823-4892 .....	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 is susceptible to 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)397-8113 .....	C	
Brown	Abeln Farm, Inc., Groton	(605)397-8113 .....	R	
Spink	Jim Klebsch, Redfield	(605)472-3134 .....	C	
Sully	Ken Barber, Onida	(605)258-2708.....	C	

**LINKERT**—Linkert hard red spring wheat was developed and released by the University of Minnesota in 2013. The variety, tested as MN06028, is an early semi-dwarf. The pedigree of Linkert is MN97695/Ada. The heading date of Linkert is similar to Focus. It is short for height with very strong straw. It has average test weight and good protein. Linkert is moderately susceptible to Fusarium head blight. It is moderately resistant to stripe rust and leaf rust. Released by the Minnesota Agricultural Experiment Station, a variety development fee will be assessed on seed sold. Linkert is protected under the Plant Variety Protection Act with the Title V certification option.

County	Name, Address	Telephone	Class	Acres
Edmunds	Eisenbeisz Farms, Bowdle	(605)285-6738 .....	C	158
Faulk	Carlson Farms, Seneca	(605)436-6203.....	C	245
<b>TOTAL</b>				<b>403</b>

**MS-CAMARO**—MS Camaro hard red spring wheat was developed and released by Limagrain Cereal Seeds in 2017. Meridian Seeds will commercialize the variety. MS Camaro is a short semi-dwarf, similar in height to SY Soren. It is an awned variety, with early-medium maturity similar to LCS Breakaway. Juvenile growth habit is semi-erect. Leaf color at boot is blue-green. The flag leaf is erect, twisted, and without waxy bloom. The mid-dense, oblong head is erect and white in color at maturity. Application for Plant Variety protection has been made for MS Camaro without the Title V certification option.

County	Name, Address	Telephone	Class	Acres
Walworth	Leo Vojta, Glenham	(605)848-3709 .....	F	

**MS-CHEVELLE**—MS Chevelle hard red spring wheat was developed by and released by Limagrain Cereal Seeds in 2014. Meridian Seeds has been given marketing rights for this variety. The variety was tested as LNR10-0177. MS Chevelle is an awned variety. The flag leaf at boot stage is erect without waxy bloom. The dense, tapering head is erect and white/amber in color at maturity. MS Chevelle is resistant to leaf rust. The variety is moderately resistant to stripe and stem rust, but is moderately susceptible to scab. MS Chevelle is protected under the Plant Variety Protection Act.

County	Name, Address	Telephone	Class	Acres
Walworth	Leo Vojta, Glenham	(605)848-3709.....	F	

**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
Brown	Abeln Farm, Inc., Groton	(605)397-8113.....	C	184
Brown	Abeln Farm, Inc., Groton	(605)397-8113.....	R	17
Brown	Locken Farms, Bath	(605)380-2264.....	C	61
Codington	Thyen Farms, Watertown	(605)520-8159.....	C	249
Codington	Thyen Farms, Watertown	(605)520-8159.....	R	15
Day	Bisgard Farms, Waubay	(605)881-3385.....	C	130
Day	Kuecker Kountry Farms, Webster	(605)345-4601.....	C	304
Day	Kuecker Seed Farm, Inc., Webster	(605)345-3169.....	C	218
Day	Kuecker Seed Farm, Inc., Webster	(605)345-3169.....	R	55
Deuel	K & K Farms, Inc., Clear Lake	(605)874-2322.....	C	133
Deuel	K & K Farms, Inc., Clear Lake	(605)874-2322.....	R	50
Dewey	Alan Biegler, Timber Lake	(605)865-3231.....	C	240
Edmunds	Eisenbeisz Farms, Bowdle	(605)285-6738.....	C	374
Hyde	Jeff Ellsworth, Highmore	(605)870-1421.....	R	81
Jerauld	Al Meier, Wess Springs	(605)770-9679.....	C	785
Lyman	Herman Agri, Inc., Presho	(605)869-2305.....	C	266
Potter	REH Farms, Inc., Gettysburg	(605)765-9552.....	C	288
Potter	REH Farms, Inc., Gettysburg	(605)765-9552.....	R	23
Roberts	Koeppel Seeds, Claire City	(605)652-4529.....	C	100
Spink	Jim Klebsch, Redfield	(605)472-3134.....	C	245
Spink	Curtis A. Rahm, Turton	(605)887-7300.....	C	150
Tripp	Jorgensen Land & Cattle, Ideal	(605)842-3217....	C	242
Tripp	Jorgensen Land & Cattle, Ideal	(605)842-3217....	R	21
Walworth	Jeff Frey, Mobridge	(605)762-3326.....	C	176
Walworth	Lauren Russell, Selby	(605)649-7384.....	C	190
<b>TOTAL</b>				<b>4597</b>

**PROSPER**—Prosper hard red spring wheat was developed by the North Dakota Agricultural Experiment Station and released in 2011. Prosper is a tall semi-dwarf, similar in height to Barlow, with medium straw strength. Prosper is an early to medium-early maturing variety. The variety is resistant to stem rust. Prosper is moderately susceptible to head scab and leaf rust. The variety is susceptible to stripe rust. Prosper has average protein content and test weight, similar to Faller. The variety has good milling and baking qualities. Prosper 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
Brown	Locken Farms, Bath	(605)380-2264 .....	C	243
Walworth	Fiedler Farms, Inc., Selby	(605)649-6280.....	C	475
Walworth	Jeff Frey, Mobridge	(605)762-3326.....	C	130
<b>TOTAL</b>				<b>848</b>

**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. 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
Brown	Locken Farms, Bath	(605)380-2264 .....	C	179
Brown	Locken Farms, Bath	(605)380-2264 .....	R	40
Day	Kuecker Seed Farm, Inc., Webster	(605)345-3169.....	C	153
<b>TOTAL</b>				<b>372</b>

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

County	Name, Address	Telephone	Class	Acres
Brookings	Olsen Custom Farms, Hendricks, MN	(605)695-1118.....	C	616
Brown	Jim Fischbach, Warner	(605)887-3269.....	C	149
Brown	Locken Farms, Bath	(605)380-2264 .....	C	569
Campbell	Mark & Paul Weisbeck, Herried	(605)437-2963....	C	152
Clark	Dave Heinrichs, Raymond	(605)532-3118.....	C	67
Clark	Larson Seed Farm, Clark	(605)532-5557 .....	C	120
Codington	Brian & Karl Kuhlman, Watertown	(605)882-3858.....	C	265

Codington	Thyen Farms, Watertown	(605)520-8159 .....	R	15
Corson	Howe Seeds, Inc., McLaughlin	(605)823-4892 .....	C	416
Day	Kuecker Seed Farm, Inc., Webster	(605)345-3169.....	C	320
Day	Kuecker Seed Farm, Inc., Webster	(605)345-3169.....	R	53
Day	Storley Farms, Roslyn	(605)881-5843 .....	C	115
Deuel	Brandt Farms, Inc., Clear Lake	(605)520-0442.....	R	60
Dewey	Alan Biegler, Timber Lake	(605)865-3231 .....	C	540
Edmunds	Eisenbeisz Farms, Bowdle	(605)285-6738 .....	C	1038
Faulk	Carlson Farms, Seneca	(605)436-6203.....	C	535
Faulk	Jerold Kegler, Faulkton	(605)598-4281.....	R	48
Hand	Nelson's HB Seed, Miller	(605)853-3025.....	C	414
Hand	Nelson's HB Seed, Miller	(605)853-3025.....	R	65
Hand	Dale Resel, St. Lawrence	(605)853-2513 .....	C	226
Hyde	Jeff Ellsworth, Highmore	(605)870-1421.....	R	61
Jerauld	Al Meier, Wess Springs	(605)770-9679 .....	C	562
Jerauld	Al Meier, Wess Springs	(605)770-9679 .....	R	246
Jones	Rankin & Sons, Inc., Draper	(605)669-2511 .....	C	907
Lyman	Drew Reuman, Presho	(605)280-5330 .....	C	100
Lyman	Drew Reuman, Presho	(605)280-5330 .....	R	15
Lyman	Mike Reuman, Presho	(605)280-5330 .....	C	110
McPherson	Jim Schauer, Leola	(605)439-3179.....	C	249
McPherson	Jim Schauer, Leola	(605)439-3179.....	R	23
Pennington	Bielmaier Farms, Wall	(605)279-2841 .....	C	499
Pennington	Bielmaier Farms, Wall	(605)279-2841 .....	R	114
Potter	Gary & Jason Nagel, Gettysburg	(605)769-1967..	C	156
Potter	REH Farms, Inc., Gettysburg	(605)765-9552 .....	C	65
Potter	REH Farms, Inc., Gettysburg	(605)765-9552 .....	R	23
Spink	Jim Klebsch, Redfield	(605)472-3134 .....	C	300
Spink	Curtis A. Rahm, Turton	(605)887-7300.....	C	155
Stanley	Hand Brothers Partnership, Midland	(605)567-3397.....	C	329
Tripp	Jorgensen Land & Cattle, Ideal	(605)842-3217 ....	R	21
Walworth	Fiedler Farms, Inc., Selby	(605)649-6280.....	C	419
Walworth	Gery Giese, Selby	(605)649-7832 .....	C	100
Walworth	Ronald Giese, Glenham	(605)649-6385 .....	R	25
Walworth	James Rabenberg, Mobridge	(605)845-2272 .....	R	70
Walworth	Lauren Russell, Selby	(605)649-7384.....	C	572
<b>TOTAL</b>				<b>10904</b>

**SY INGMAR**—SY Ingmar is a hard red spring wheat bred and developed by Syngenta Seeds, Inc. - AgriPro of Berthoud, Colorado and released in 2014. The variety was tested as 04S0258-12. It is a standard semi-dwarf variety. Straw strength is very good. SY Ingmar is resistant to stem rust, and moderately resistant to leaf rust and scab. The variety has a juvenile growth habit that is erect. Plant color at boot stage is green. Flag leaf at boot stage is recurved and twisted. Head shape is mid-dense, tapering and inclined. Overall bread making characteristics are very good. SY Ingmar is protected under the Plant Variety Protection Act with the Title V certification option.

County	Name, Address	Telephone	Class	Acres
Day	Warrington Seeds, Bristol	(605)492-3500.....	C	
Faulk	Carlson Farms, Seneca	(605)436-6203.....	C	
Kingsbury	Midstate Agronomy, DeSmet	(605)854-9282.....	C	
Kingsbury	Midstate Agronomy, DeSmet	(605)854-9282.....	R	
Spink	Crop Production Services, Inc., Northville	(605)887-3422.....	R	



**SY ROWYN**—SY Rowyn is a hard red spring wheat bred and developed by Syngenta Seeds, Inc. - AgriPro of Berthoud, Colorado and released in 2013. The variety, tested as 03S0253-7, has medium-early maturity and very good test weight. It is a standard semi-dwarf, slightly taller than Kelby. Straw strength is very good, between Kelby and SY Soren. SY Rowyn is moderately susceptible to stripe rust and leaf rust and resistant to stem rust. Protection to foliar diseases has been good. Tolerance to FHB has been intermediate. The variety has a juvenile growth habit that is erect. Plant color at boot stage is light green. Flag leaf at boot stage is recurved and twisted. Head shape is tapering and awned. Protein levels have been medium-low, slightly higher than Faller. Overall bread making characteristics are very good. SY Rowyn is protected under the Plant Variety Protection Act with the Title V certification option.

County	Name, Address	Telephone	Class	Acres
Spink	Crop Production Services, Inc., Northville	(605)887-3422.....	C	

**SY RUSTLER**—SY Rustler 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 05S0242-6. It is a short semi-dwarf variety, similar to SY Rowyn in height. SY Rustler is moderately resistant to leaf and stripe rust. SY Rustler 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 recurved and twisted. Head shape is tapering and awned. Test weight and protein are average, with acceptable baking qualities. The certified classes of seed shall be Foundation, Registered and Certified. SY Rustler is protected under the Plant Variety Protection Act with the Title V certification option.

County	Name, Address	Telephone	Class	Acres
Hand	Nelson's HB Seed, Miller	(605)853-3025.....	R	
Walworth	Stiegelmeier Farms, Selby	(605)845-6034 .....	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 leaf rust, scab and stem rust. SY Valda is moderately 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	
Day	Warrington Seeds, Bristol	(605)492-3500 .....	C	
Day	Warrington Seeds, Bristol	(605)492-3500 .....	R	
Gregory	Lubbers Farms, Inc., Gregory	(605)830-8782.....	C	
Spink	Crop Production Services, Inc., Northville	(605)887-3422.....	R	
Walworth	Stiegelmeier Farms, Selby	(605)845-6034 .....	C	

## HARD RED WINTER WHEAT

**AP503 CL2**—AP503 CL2 is a hard red winter wheat bred and developed by AgriPro Wheat. It contains Als-1(653) and Als-3(653) genes conferring tolerance to the BASF herbicides ‘Beyond’ or ‘ClearMax’. It is most similar to the variety ‘Jagalene’, which is one of the parents in the cross. Juvenile growth habit is semi-erect. Plant color at boot stage is blue green. Auricle anthocyanin and auricle hairs are present. Flag leaf at boot stage is erect and twisted. Waxy bloom is present on the head, stem and flag leaf sheath. Anther color is yellow. Head shape is strap and awned. Glumes are glabrous, narrow in width and long in length with oblique shoulders and acuminate beaks. Seed shape is ovate. Brush hairs are medium in size. Seed crease depth is shallow and width is narrow. Seed cheeks are rounded. AP503 CL2 has medium maturity with white chaff color. It is a semi-dwarf with excellent straw strength. It is moderately resistant to stem rust and moderately susceptible to stripe rust. AP503 CL is susceptible to leaf rust. Its winterhardiness levels have been intermediate, similar to Jagalene. In the more northern areas, it is recommended for stubble planting only. Agripro Wheat maintains seed stock and certified classes of foundation, registered and certified. AP503 CL2 is protected under the U.S. Plant Variety Protection Act with the Title V certification option.

County	Name, Address	Telephone	Class	Acres
Gregory	Lubbers Farms, Inc., Gregory	(605)830-8782.....	C	
Lyman	Karlen Ranch Partnership, Reliance	(605)473-5605.....	R	

**EXPEDITION**—Expedition hard red winter wheat was developed by the South Dakota Agricultural Experiment Station (SD AES) and released for seed increase in the fall of 2002. The official release date is March 1, 2003. The line was tested as SD97457 and was selected from the cross Tomahawk/Bennett. Expedition is an awned, white-chaffed, early maturing, semi-dwarf hard red winter wheat. Expedition is early maturing similar to Jagger, and two days earlier than Wesley. Plant height is short, similar to Alliance and approximately three inches shorter than Harding. Winter hardiness is rated good-excellent similar to Harding. Coleoptile length is similar to Wesley, greater than Alliance but less than Nekota and Harding. Straw strength is rated fair similar to Arapahoe. Test weight is slightly better than Wesley, Harding and Alliance but lower than Nekota and Crimson. Expedition is rated resistant to prevalent races of stem rust, however, it is susceptible to leaf rust, stripe rust and Wheat Streak Mosaic Virus. Expedition exhibits some tolerance to head scab but is susceptible to tan spot and Hessian fly and had an intermediate reaction to soil-borne mosaic virus. End-use characteristics are rated good. Recognized seed classes are Breeder, Foundation, Registered and Certified. Expedition is protected under the Plant Variety Protection Act with the Title V certification option.

County	Name, Address	Telephone	Class	Acres
Codington	Thyen Farms, Watertown	(605)520-8159 .....	C	283
<b>TOTAL</b>				<b>283</b>

**IDEAL**— Ideal hard red winter wheat was developed by the South Dakota Agricultural Experiment Station (SD AES) and released in

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

County	Name, Address	Telephone	Class	Acres
Douglas	Wayne Gronseth, Mitchell	(605)996-0808 .....	C	88
Haakon	Golden Willow Seeds, Inc., Midland	(605)843-2187.....	C	363
Hyde	Jeff Ellsworth, Highmore	(605)870-1421.....	C	76
Jones	Paul Patterson, Draper	(605)669-2647 .....	C	165
Jones	Rankin & Sons, Inc., Draper	(605)669-2511 .....	C	338
Lyman	Mike Reuman, Prescho	(605)280-5330 .....	C	135
Potter	REH Farms, Inc., Gettysburg	(605)765-9552 .....	C	14
Potter	REH Farms, Inc., Gettysburg	(605)765-9552 .....	R	26
Tripp	Jorgensen Land & Cattle, Ideal	(605)842-3217 ....	C	150
Tripp	Jorgensen Land & Cattle, Ideal	(605)842-3217 ....	R	22
Tripp	Winner Seed, Winner	(605)842-0481 .....	C	143
<b>TOTAL</b>				<b>1520</b>

**KELDIN**—Keldin is a hard red winter wheat released in 2013, and licensed to WestBred. The variety was tested as ACS 55017. Keldin is awned and white-chaffed at maturity. It is similar in height to Ideal. It has medium-late maturity, similar to Ideal. The variety has excellent winter hardiness. Keldin has very good straw strength. Test weight and protein are average. Keldin is moderately resistant to stripe rust, leaf rust and powdery mildew. Keldin is protected under the Plant Variety Protection Act with the Title V certification option.

County	Name, Address	Telephone	Class	Acres
Gregory	Lubbers Farms, Inc., Gregory	(605)830-8782.....	C	

**LCS MINT**—LCS Mint hard red winter wheat was developed by Colorado State University wheat breeding program. The experimental line was tested as CO050175-1 and resulted from the cross Overley/CO980829. LCS Mint was released in 2012 and is exclusively marketed by Limagrain Cereal Seeds. LCS Mint is white-chaffed, awned, semi-dwarf wheat. The variety is medium in height and maturity (similar to Expedition for heading date). LCS Mint has a striking dark green color. LCS Mint has good winter hardiness and lodging resistance. LCS Mint is moderately resistant to leaf rust and WSMV. The variety is moderately susceptible to stripe rust and stem rust. LCS Mint has excellent baking qualities and good test weight. The certified classes of seed shall be Foundation, Registered and Certified. LCS Mint 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	
Tripp	Jorgensen Land & Cattle, Ideal	(605)842-3217 ....	C	

**LYMAN**—Lyman hard red winter wheat was developed by the South Dakota Agricultural Experiment Station (SD AES) and released in 2008 to seed producers by the developing institution. The line was tested as SD00111-9 and resulted from the cross KS93U134/Arapahoe. Lyman is white chaffed, awned, semi-dwarf wheat. The variety is similar to Arapahoe in maturity (medium), height (medium) and winter hardiness, but has slightly less straw strength. Lyman is resistant to stem rust, and has the best scab resistance of any variety tested in the North Central Region. It is moderately resistant to leaf rust. Lyman is susceptible to stripe rust and wheat streak mosaic virus. In 2007 CPT trials, Lyman was first in grain yield and test weight. Lyman has excellent milling and acceptable baking properties. Lyman is protected under the Plant Variety Protection Act with the Title V certification option. A royalty fee will be collected on all sales of Registered and Certified classes for seed purposes.

County	Name, Address	Telephone	Class	Acres
Charles Mix	Pharmco Industries, LLC, Platte	(605)337-3374...	C	312
Haakon	Golden Willow Seeds, Inc., Midland	(605)843-2187.....	C	562
Lyman	Herman Agri, Inc., Presho	(605)869-2305 .....	C	119
Lyman	Drew Reuman, Presho	(605)280-5330 .....	C	144
Tripp	Jorgensen Land & Cattle, Ideal	(605)842-3217 ....	R	18
Tripp	Winner Seed, Winner	(605)842-0481 .....	C	39
<b>TOTAL</b>				<b>1194</b>

**OAHE**—Oahe hard red winter wheat was developed by the South Dakota Agricultural Experiment Station (SD AES) and released in 2016 to seed producers by the developing institution. The line was tested as SD10257-2 and has the pedigree Ransom/SD96240-3-1. Oahe is white chaffed, awned, semi-dwarf wheat about 1 inch taller than Overland. Oahe is a mid-maturity type, with maturity being about 2 days later than Expedition. Winter hardiness and resistance to lodging are similar to Ideal. Oahe is moderately resistant to leaf rust, stripe rust, WSMV and Fusarium head blight. The variety is moderately susceptible to stem 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
Brookings	Foundation Seed Stocks, Brookings	(605)688-5418.....	F	88
Davison	Nick Lorang, Mt. Vernon	(605)770-5794.....	R	150
Davison	Wade Strand, Mitchell	(605)996-7533 .....	R	35
Day	Hansmeier & Son, Inc., Bristol	(605)492-3611 .....	R	292
Hand	Howard Farms, Miller	(605)853-2717 .....	R	17
Hughes	Bollweg Farms (Michael), Harrold	(605)875-3440.....	R	80
Hyde	Jeff Ellsworth, Highmore	(605)870-1421.....	R	165
Jerauld	Broken Heart Ranch, Wess Springs	(605)999-1196.....	R	65
Jerauld	Al Meier, Wess Springs	(605)770-9679 .....	R	136
Jones	Rankin & Sons, Inc., Draper	(605)669-2511 .....	R	173
Pennington	Bielmaier Farms, Wall	(605)279-2841 .....	R	39
Potter	REH Farms, Inc., Gettysburg	(605)765-9552 .....	R	26
Stanley	Sioux Nation of Fort Pierre, Ft. Pierre	(605)223-2427.....	R	60

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

County	Name, Address Telephone	Class	Acres
Charles Mix	Pharmco Industries, LLC, Platte (605)337-3374.....	C	285
Gregory	TDK Partnership, Fairfax (605)654-2812.....	C	152
Hanson	Glen Henglefeld, Alexandria (605)227-4535.....	C	86
Hughes	Bollweg Farms (Michael), Harrold (605)875-3440.....	C	156
Lyman	Herman Agri, Inc., Presho (605)869-2305 .....	C	180
Sully	Wittler Farms, Agar (605)258-2431.....	C	300
Turner	Lee Brockmueller, Freeman (605)925-4632 .....	C	45
<b>TOTAL</b>			<b>1204</b>

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

County	Name, Address Telephone	Class	Acres
Beadle	Jason Gruenhagen, DeSmet (605)860-9959.....	R	55
Brule	Bart Randall, Chamberlain (605)730-2547 .....	C	60
Charles Mix	Hansum Brothers (Larry), Platte (605)680-1023...	C	390
Charles Mix	Hansum Brothers (Larry), Platte (605)680-1023...	R	27
Charles Mix	Todd Koopal, Geddes (605)680-3138.....	C	40
Charles Mix	Lakeview Colony, Lake Andes (605)487-7992 .....	C	262
Charles Mix	Lakeview Colony, Lake Andes (605)487-7992 .....	R	81
Charles Mix	Pharmco Industries, LLC, Platte (605)337-3374...	C	1135
Charles Mix	Platte Colony, Platte (605)680-2607 .....	C	309

Davison	Nick Lorang, Mt. Vernon	(605)770-5794.....	C	145
Davison	Wade Strand, Mitchell	(605)996-7533 .....	C	76
Day	Kuecker Seed Farm, Inc., Webster	(605)345-3169.....	C	203
Douglas	Wayne Gronseth, Mitchell	(605)996-0808 .....	C	60
Hyde	Jeff Ellsworth, Highmore	(605)870-1421.....	C	150
Jones	Paul Patterson, Draper	(605)669-2647 .....	C	70
Lyman	Drew Reuman, Presho	(605)280-5330 .....	C	125
Lyman	Mike Reuman, Presho	(605)280-5330 .....	C	95
Potter	REH Farms, Inc., Gettysburg	(605)765-9552 .....	C	196
Potter	REH Farms, Inc., Gettysburg	(605)765-9552 .....	R	26
Spink	Curtis A. Rahm, Turton	(605)887-7300.....	C	150
Tripp	Jorgensen Land & Cattle, Ideal	(605)842-3217 ....	C	150
Tripp	Jorgensen Land & Cattle, Ideal	(605)842-3217 ....	R	25
Tripp	Winner Seed, Winner	(605)842-0481 .....	C	202
<b>TOTAL</b>				<b>4032</b>

**SY 517 CL2**—SY 517 CL2 is a hard red winter wheat bred and developed by Syngenta Participations AG. It contains two genes conferring tolerance to the BASF herbicides 'Beyond' or 'ClearMax'. It was tested as 07CL039-7. SY 517 CL2 is best adapted to Kansas, Nebraska and South Dakota. Juvenile growth habit is erect. Leaf color at boot stage is green. Auricle color is white and anthocyanin is absent. Flag leaf at boot stage is recurved, twisted and wax is present. Anther color is yellow. Head shape is tapering and awned. Glumes are narrow in width and medium in length with oblique shoulders and acuminate beaks. Seed shape is ovate. Brush hairs are short in size. Seed cheeks are rounded. Chaff color is white when mature. SY 517 CL2 is a semi-dwarf variety, with early maturity and excellent straw strength. It is moderately resistant to leaf rust and 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
Misc.	Syngenta Seeds, Inc. - AgriPro, Berthoud, CO	(907)532-3721 .....	F	

**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
Gregory	Lubbers Farms, Inc., Gregory (605)830-8782.....	C	
Lyman	Karlen Ranch Partnership, Reliance (605)473-5605.....	R	
Sully	Wittler Farms, Agar (605)258-2431.....	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
Jerauld	Al Meier, Wess Springs (605)770-9679 .....	C	
Lyman	Karlen Ranch Partnership, Reliance (605)473-5605.....	C	
Lyman	Karlen Ranch Partnership, Reliance (605)473-5605.....	R	
Sully	Wittler Farms, 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
Kingsbury	Midstate Agronomy, DeSmet (605)854-9282.....	C	
Lyman	Herman Agri, Inc., Presho (605)869-2305 .....	C	
Lyman	Karlen Ranch Partnership, Reliance (605)473-5605.....	R	
Sully	Wittler Farms, Agar (605)258-2431.....	R	

**WB4623CLP**—WB4623CLP is a hard red winter wheat developed by Monsanto Technology, LLC. The variety was tested as BZ9WM-1663 and is licensed to WestBred for marketing. WB4623CLP was released in

2015. It contains two genes conferring tolerance to the BASF herbicides 'Beyond' or 'ClearMax'. WB4623CLP is a medium-early maturing variety, maturing 1 day earlier than AP503CL2. WB4623CLP is an awned, white-chaffed, medium height variety. The variety has mid-dense, inclined, tapering spikes. WB4623CLP is moderately resistant to stripe rust, according to company data. The certified classes of seed shall be Foundation, Registered and Certified. Application to the Plant Variety Protection office has been made without the Title V certification option.

County	Name, Address	Telephone	Class	Acres
Gregory	Lubbers Farms, Inc., Gregory	(605)830-8782.....	C	

**WB4721**—WB4721 is a hard red winter wheat, bred and developed by Monsanto Technology, LLC and released in 2015. The variety was tested as HV9W10-0129. WB4721 is awned and has bronze colored glumes at maturity. The spike is tapering, mid-dense, and inclined at maturity. WB4721 has medium-tall height, and is early in maturity. The variety is adapted to the winter wheat growing areas of the central plains, and has good winter hardiness. The certified classes of seed shall be Foundation, Registered and Certified. Application to the Plant Variety Protection office has been made without the Title V certification option.

County	Name, Address	Telephone	Class	Acres
Gregory	Lubbers Farms, Inc., Gregory	(605)830-8782.....	C	

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

County	Name, Address	Telephone	Class	Acres
Gregory	Lubbers Farms, Inc., Gregory	(605)830-8782.....	C	

**WESLEY**—Wesley hard red winter wheat was developed by the USDA/ARS winter wheat researchers and released cooperatively by University of Nebraska Agriculture Experiment Station. The line was tested as NE95L158 and resulted from the cross KS831936-3//Colt/Cody. Wesley is resistant to stem rust, and moderately susceptible to leaf rust. Wesley has good resistance to leaf spotting diseases. The variety is susceptible to wheat streak mosaic virus, stripe rust and Fusarium Head Blight. Wesley is similar to Lyman in maturity (early) and is shorter in height. Test weight is below average and protein content is above average. Winter hardiness is rated as being average. Coleoptile length is rated short. Wesley will not have a salable Registered class and will be handled similar to Overland in this regard.

County	Name, Address	Telephone	Class	Acres
Lyman	Herman Agri, Inc., Presho	(605)869-2305 .....	C	158
Tripp	Winner Seed, Winner	(605)842-0481 .....	C	45
TOTAL				203



# SEED GROWERS

Listed alphabetically by NAME

<b>Abeln Farm, Inc.</b> , 40344 134th Street Groton, SD 57445.....	605-397-8113
<b>Ag Performance, Inc.</b> , 710 North Main Street Buffalo Center, IA 50424.....	641-562-2370
<b>Barber, Ken</b> , PO Box 905 Onida, SD 57564 .....	605-258-2708
<b>Bauder, Sean</b> , 41814 298th Street Tyndall, SD 57066 .....	605-583-2210
<b>Beck, Ken</b> , 33061 298th Street Dallas, SD 57529 .....	605-830-2066
<b>Beer, Mike</b> , 10779 212th Avenue Keldron, SD 57634.....	605-524-3383
<b>Biegler, Alan</b> , PO Box 188 Timber Lake, SD 57656-0188.....	605-865-3231
<b>Bielmaier Farms</b> , PO Box 430 Wall, SD 57790-0430.....	605-279-2841
<b>Bisgard Farms</b> , 14920 444th Avenue Waubay, SD 57273.....	605-947-4178
<b>Bollweg Farms (Michael)</b> , 20210 322nd Avenue Harrold, SD 57536 .....	605-875-3440
<b>Brandt Farms, Inc</b> , 18013 470th Avenue Clear Lake, SD 57226.....	605-520-0442
<b>Brockmueller, Lee</b> , 28440 442nd Avenue Freeman, SD 57029.....	605-925-4632
<b>Broken Heart Ranch</b> , 23268 383rd Avenue Wess Springs, SD 57382.....	605-999-1196
<b>Buschenfeld, Mark</b> , 19379 472nd Avenue Toronto, SD 57268.....	605-690-6773
<b>Carey, Brandon</b> , 10383 156th Avenue Hettinger, ND 58639 .....	701-928-0030
<b>Carlson Farms</b> , 16573 334th Avenue Seneca, SD 57473.....	605-436-6203
<b>Cronin Farms</b> , 30431 167th Street Gettysburg, SD 57442 .....	605-765-9287
<b>Crop Production Services, Inc.</b> , PO Box 109 Northville, SD 57465-0109.....	605-887-3422
<b>Dakota's Best Seed Co.</b> , 36656 W Hwy 44 Platte, SD 57369-6337.....	605-337-3318
<b>Eastman, Cody</b> , 405 Washington Street Brandt, SD 57218-0188 .....	605-690-8891
<b>Eisenbeisz Farms</b> , 32512 127th Street Bowdle, SD 57428-5005.....	605-285-6738
<b>Ellsworth, Jeff</b> , 33553 SD Hwy 34 Highmore, SD 57345 .....	605-870-1421
<b>Even, Rick</b> , 48504 210th Street Elkton, SD 57026 .....	605-542-4021
<b>Evergreen Colony</b> , 35691 156th Street Faulkton, SD 57438 .....	605-216-4321

**Fiedler Farms Inc.**, 13073 309th Avenue  
Selby, SD 57472-5809 ..... 605-649-6280

**Fischbach, Jim**, 38989 147th Street  
Warner, SD 57479-7014 ..... 605-887-3269

**Foth, Scott**, 18656 Hillview Place  
Onida, SD 57564 ..... 605-280-2222

**Foundation Seed Stocks**, SDSU Box 2207-A  
Brookings, SD 57007-1096 ..... 605-688-5418

**Frey, Jeff**, 12532 290th Avenue  
Mobridge, SD 57601 ..... 605-762-3326

**Giese, Gery**, 30051 137th Street  
Selby, SD 57472 ..... 605-649-7832

**Giese, Ronald**, 12586 299th Avenue  
Glenham, SD 57631 ..... 605-649-6385

**Giese, Zane**, 12586 299th Avenue  
Glenham, SD 57631 ..... 605-230-9044

**Golden Willow Seeds Inc**, 21304 238th Avenue  
Midland, SD 57552-3122 ..... 605-843-2187

**Green Thumb Commodities**, PO Box J  
Oldham, SD 57051-0018 ..... 605-482-8295

**Grinols, Jay**, 15473 451st Avenue  
South Shore, SD 57263-5202 ..... 605-886-8174

**Gronseth, Wayne**, 1428 Sawgrass Avenue  
Mitchell, SD 57301 ..... 605-996-0808

**Gruenhagen, Jason**, PO Box 210  
DeSmet, SD 57231 ..... 605-854-9021

**Haanen, Dylan**, 202 Bluff Street S.  
Browns Valley, MN 56219 ..... 605-290-5623

**Haanen, Jeff**, 91385 Hwy 28  
Browns Valley, MN 56219 ..... 605-290-4809

**Haanen, Morgan**, 91385 Hwy 28  
Browns Valley, MN 56219 ..... 605-237-3889

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

**Hall, Cody**, 19953 457th Avenue  
Arlington, SD 57212 ..... 605-983-3369

**Hall, Jon**, 19953 457th Avenue  
Arlington, SD 57212 ..... 605-983-3369

**Hall, Nick**, 20207 457th Avenue  
Arlington, SD 57212 ..... 605-203-1249

**Hand Brothers Ptn., Terry Hand**, 24704 204th Street  
Midland, SD 57552 ..... 605-567-3397

**Hansmeier & Son**, PO Box 136  
Bristol, SD 57219-0136 ..... 605-492-3611

**Hansum Brothers (Larry)**, 37315 275th Street  
Platte, SD 57369 ..... 605-243-2391

**HDP Farms Inc.**, 25098 421st Avenue  
Alexandria, SD 57311-7711 ..... 605-239-4690

**Heinrichs, Dave**, 17448 416th Avenue  
Raymond, SD 57258-6715 ..... 605-532-3118

**Henglefeldt, Glen**, 26589 418th Avenue  
Alexandria, SD 57311 ..... 605-227-4535

<b>Herman Agri, Inc.</b> , 31120 252nd Street	
Presho, SD 57568.....	605-869-2305
<b>Hofer, Sam</b> , 25759 438th Avenue	
Salem, SD 57058.....	605-425-2211
<b>Howard Farms</b> , 19245 355th Avenue	
Miller, SD 57362 .....	605-853-2717
<b>Howe Seeds, Inc.</b> , PO Box 496	
McLaughlin, SD 57642.....	605-823-4892
<b>Jorgensen Land &amp; Cattle</b> , 31250 265th Street	
Ideal, SD 57541 .....	605-842-3217
<b>K &amp; K Farms Inc.</b> , 47244 181st Street	
Clear Lake, SD 57226-5439 .....	605-874-2322
<b>Karlen Ranch Partnership</b> , PO Box 1343	
Reliance, SD 57569-1343 .....	605-473-5605
<b>Kegler, Jerold</b> , PO Box 356	
Faulkton, SD 57438-0356 .....	605-598-4281
<b>Kirsch Farms</b> , 27143 369th Avenue	
Platte, SD 57369.....	605-337-9658
<b>Klebsch, Jim</b> , 38701 170th Street	
Redfield, SD 57469.....	605-472-3134
<b>Knutson, Larry &amp; Steve</b> , 515 Northridge Road	
Estelline, SD 57234 .....	605-873-2603
<b>Koepp Seeds</b> , PO Box 64	
Claire City, SD 57224-0064 .....	605-652-4529
<b>Kolousek Farms</b> , 37228 234th Street	
Wess Springs, SD 57382.....	605-539-0215
<b>Koopal, Todd</b> , 28318 371st Avenue	
Geddes, SD 57342 .....	605-680-3138
<b>Kuecker Kountry Farms</b> , 43846 147th Street	
Webster, SD 57274-6025 .....	605-345-4601
<b>Kuecker Seed Farm</b> , 14762 438th Avenue	
Webster, SD 57274-6027 .....	605-345-3169
<b>Kuhlman, Brian &amp; Karl</b> , 17725 449th Avenue	
Watertown, SD 57201-7685.....	605-882-3858
<b>Kuxhaus Farms (Troy)</b> , 28869 202nd Avenue	
Martin, SD 57551 .....	605-685-6004
<b>Lake View Colony</b> , 28748 386th Avenue	
Lake Andes, SD 57356.....	605-487-7992
<b>Larson Seed Farm</b> , 43445 171st Street	
Clark, SD 57225-5200 .....	605-532-5557
<b>Locken Farms</b> , 39643 137th Street	
Bath, SD 57427.....	605-380-2264
<b>Lorang, Nick</b> , 25406 398th Avenue	
Mt. Vernon, SD 57363 .....	605-770-5794
<b>Lubbers Farms, Inc.</b> , 33681 289th Street	
Gregory, SD 57533-4008.....	605-830-8782
<b>Lyren, Anthony</b> , 16140 411th Avenue	
Conde, SD 57434 .....	605-897-7732
<b>McNeil, B.J.</b> , 1260 Lawnridge Avenue SE	
Huron, SD 57350 .....	605-352-0712
<b>Matucha, Lance</b> , 34642 Frey Road	
Burke, SD 57523-0445 .....	605-830-7810

**Meier, Al**, PO Box 397  
Wess Springs, SD 57382..... 605-770-9679

**Midstate Agronomy**, 43204 Highway 14, PO Box 10  
DeSmet, SD 57231-0010..... 605-854-9282

**Moeckly Seeds**, 41648 SD Hwy 10  
Britton, SD 57430-5505 ..... 605-448-2212

**Mustang Seeds, Inc.**, PO Box 466  
Madison, SD 57042-0466 ..... 605-256-6529

**Nagel, Gary & Jason**, 15627 316th Avenue  
Gettysburg, SD 57442 ..... 605-769-1967

**Nelson, Keith, Ron & Keefe**, 23149 451st Avenue  
Madison, SD 57042 ..... 605-256-9861

**Nelson's HB Seed**, PO Box 87  
Miller, SD 57362-0087 ..... 605-853-3025

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

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

**Olson, Chris**, 42918 163rd Street  
Bradley, SD 57217 ..... 605-233-1323

**Patterson, Paul**, 28032 244th Street  
Draper, SD 57531-3142..... 605-669-2647

**Pearlsgaard Farm, LLC**, 39751 116th Street  
Houghton, SD 57449 ..... 605-690-8669

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

**Platte Colony**, 35271 270th Street  
Platte, SD 57369..... 605-680-2607

**Rabenberg, James**, 804 7th Avenue W  
Mobridge, SD 57601 ..... 605-845-2272

**Rahm, Curtis A.**, 40340 161st Street  
Turton, SD 57477 ..... 605-887-7300

**Randall, Bart**, 25079 342nd Avenue  
Chamberlain, SD 57325-0285 ..... 605-730-2547

**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

**Resel, Dale**, 20220 366th Avenue  
St. Lawrence, SD 57373 ..... 605-853-2513

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

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

**Roghair, Henry Glen**, 25951 241st Street  
Okaton, SD 57562 ..... 605-669-2819

**Roghair, Raymond**, 24051 261st Avenue  
Okaton, SD 57562 ..... 605-669-2248

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

**Russell, Lauren**, 13663 U.S. Hwy 83  
Selby, SD 57472 ..... 605-649-7384

**Scarborough, Marc**, 18902 SD Hwy 63  
Hayes, SD 57537 ..... 605-567-3340

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

**Seed Exchange**, 36787 SD Hwy 44, PO Box 247  
Platte, SD 57369-0247 ..... 605-337-9882

**Sexauer Discount Farm Services**, PO Box 540  
Brookings, SD 57006-0540 ..... 605-696-7924

**Sioux Nation of Fort Pierre**, PO Box 452  
Ft. Pierre, SD 57532 ..... 605-223-2427

**Speck, Bob**, 36370 197th Street  
St. Lawrence, SD 57373 ..... 605-853-2643

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

**Stiegelmeier Farms**, 13402 306th Avenue  
Selby, SD 57472-5802 ..... 605-854-6034

**Storley Farms**, 44136 130th Street  
Roslyn, SD 57261 ..... 605-881-5843

**Strand, Wade**, 25798 409th Avenue  
Mitchell, SD 57301-5801 ..... 605-996-7533

**Syngenta Seeds, Inc. - AgriPro**, PO Box 30  
Berthoud, CO 80513 ..... 907-532-3721

**TDK Partnership, Tony and Dan Koenig**, 37067 Hwy 18  
Fairfax, SD 57335 ..... 605-654-2812

**Thiry Feedlot, Inc.**, 36933 252nd Street  
White Lake, SD 57383 ..... 605-249-2777

**Thompson, Robert**, 45956 206th Street  
Bruce, SD 57220 ..... 605-983-3984

**Thyen Farms**, 46220 165th Street  
Watertown, SD 57201-8765 ..... 605-520-8159

**Trygstad, James**, 22275 468th Avenue  
Colman, SD 57017 ..... 605-690-3503

**Vojta, Leo**, 12844 293rd Ave  
Glenham, SD 57631-5100 ..... 605-848-3709

**Warrington Seeds**, 35 County Road 33  
Bristol, SD 57219-2048 ..... 605-492-3500

**Weisbeck, Mark & Paul**, 11193 US Hwy 83  
Herreid, SD 57632-5802 ..... 605-437-2963

**Weisbeck & Sons**, 11193 US Hwy 83  
Herreid, SD 57632-5802 ..... 605-437-2963

**Winner Seed**, E. Hwy. 44, 27763-317th Ave  
Winner, SD 57580 ..... 605-842-0481

**Wittler Farms**, 29471 176th Street  
Agar, SD 57520 ..... 605-258-2431

**Yardley & Co, Inc., Rick Johnson**, 20101 Kelly Hill Rd.  
Quinn, SD 57775 ..... 605-386-2375

# Approved Certified Seed Conditioners

The following seed conditioning plants have been approved for cleaning South Dakota Certified Seed for the 2017-2018 year:  
(Sorted alphabetically by town)

NAME, TOWN, PHONE	CROPS ELIGIBLE TO CONDITION	
Fairway Seed Company 802 Depot, PO Box 580 <b>Armour</b> , SD 57313-0580	605-724-2401/ 605-770-2896	All crops
*Custom Grain Cleaning PO Box 522 <b>Bath</b> , SD 57427-0522	605-226-3540/ 605-380-0513	Small grains, Portable Cleaner
*Blotske's Grain Cleaning (Allen) 4110 England Street <b>Bismarck</b> , ND 58504-8990	701-258-2333/ 701-220-3773	Wheat, Portable Cleaner
*Central Seed Service PO Box 270 <b>Blunt</b> , SD 57522	605-280-9085	Small grains, soybeans, Portable Cleaner
Eisenbeisz Farms, Inc. 32512 127th Street <b>Bowdle</b> , SD 57428-5005	605-285-6738/ 605-281-1154	Small grains
Paulson Premium Seed 8521 144th Avenue SW, PO Box 723 <b>Bowman</b> , ND 58623-0723	701-523-5392	Pulse crops, safflower, small grains
Hansmeier & Son, Inc. 77 S. Main Street, PO Box 136 <b>Bristol</b> , SD 57219-0136	605-492-3611/ 605-377-3325/ 605-492-3531	All crops
Warrington Seed 35 County Road 33 <b>Bristol</b> , SD 57219-2048	605-492-3500/ 605-492-3462/ 605-492-3224	Flax, millet, small grains, soybeans
*Allen Seed Co. 90315 496th Avenue <b>Bristow</b> , NE 68719	402-583-9011/ 402-340-4171	Wheat, Portable Cleaner
Moeckly Seeds 41648 SD Highway 10 <b>Britton</b> , SD 57430-5505	605-448-2212/ 605-237-2054	Corn, millet, small grains, soybeans

\* Portable Cleaner

Arrow Seed Co., Inc. 126 North 10th Avenue, PO Box 722 <b>Broken Bow, NE 68822-0722</b>	800-622-4727	Grasses, small grains, small-seeded legumes
Sexauer Discount Farm Services, Inc. PO Box 540 <b>Brookings, SD 57006-0540</b>	605-696-7924	Millet, small grains
*Pharmco Industries, LLC 1250 E. King Avenue <b>Chamberlain, SD 57325</b>	605-234-5209/ 605-730-0624	Small grains, Portable Cleaner
Koeppel Seeds PO Box 64 <b>Claire City, SD 57224-0064</b>	605-652-4529/ 605-742-4336	Buckwheat, flax, millet, small grains soybeans
Larson Seed Farm 43445 171st Street <b>Clark, SD 57225-5200</b>	605-532-5557/ 605-880-5087	Flax, small grains, soybeans
CHS Dakota Prairie 102 6th Avenue, PO Box 8 <b>Edgeley, ND 58433-0008</b>	701-493-2808/ 701-493-2481	Flax, small grains, soybeans
*Greenbank, Inc. PO Box 1037 <b>Ft. Morgan, CO 80701</b>	800-615-4769	Wheat, Portable Cleaner
Dakota Mill & Grain, Inc. 507 Elevator Road, PO Box 338 <b>Ft. Pierre, SD 57532-0338</b>	605-223-2557/ 605-223-2558	Small grains
*Sioux Nation, LLC PO Box 452 <b>Ft. Pierre, SD 57532</b>	605-223-2427/ 605-223-3101	Field Peas, flax, millet, pulse crops, small grains, Portable Cleaner
*Sioux Nation of Fort Pierre 504 Deadwood, PO Box 452 <b>Ft. Pierre, SD 57532</b>	605-223-2427/ 605-223-3101	Field Peas, flax, millet, pulse crops, small grains Portable Cleaner
*Gene's Custom Grain Cleaning 38961 115th Street <b>Frederick, SD 57441-6403</b>	605-329-2711/ 605-290-1236	Small grains, Portable Cleaner
*Voeller Superior Seed Grading 38355 110th Street <b>Frederick, SD 57441-5707</b>	701-320-4486/ 605-262-3600	Small grains, Portable Cleaner
Groton Seed & Grain 12960 406th Avenue <b>Groton, SD 57445-5425</b>	605-397-8382/ 605-397-7118/ 605-216-0342	Millet, soybeans, wheat

\* Portable Cleaner

LW Sales, Inc. PO Box 668 <b>Groton</b> , SD 57445	605-397-8111	Small grains
*General Grain Cleaning 930 115th Avenue SE <b>Hannaford</b> , ND 58448	701-769-2300/ 800-797-3268	Dry beans, small grains, soybeans. Portable Cleaner
*General Grain Cleaning #2 930 115th Avenue SE <b>Hannaford</b> , ND 58448	701-769-2300/ 800-797-3268	Dry beans, small grains, soybeans. Portable Cleaner
*Cotten Seed Service 203 2nd Street, PO Box 125 <b>Henry</b> , SD 57243-0125	605-532-3738/ 605-881-6178	Small grains, soybeans, Portable Cleaner
*Weisbeck & Sons 11193 US Highway 83 <b>Herreid</b> , SD 57632-5802	605-437-2963/ 605-850-1806/ 605-230-0089	Small grains, Portable Cleaner
*Mac's Corner Ag Supply 33553 SD Hwy 34 <b>Highmore</b> , SD 57345	605-852-9280/ 605-870-1421	Small grains, Portable Cleaner
*Mark Perrion Grain Cleaning 212 Cambridge Avenue <b>Ipswich</b> , SD 57451	605-216-6836	Small grains, Portable Cleaner
*Pharmco Industries, LLC 36704 252nd Street <b>Kimball</b> , SD 57355	605-778-6579/ 605-682-9175	Small grains, Portable Cleaner
Howe Seeds, Inc. 11198 272nd Avenue, PO Box 496 <b>McLaughlin</b> , SD 57642	605-823-4892/ 605-845-5892	Flax, pulse crops, small grains, small- seeded legumes
Mustang Seeds 306 South Washington, PO Box 466 <b>Madison</b> , SD 57042-0466	605-256-6529/ 800-952-2324/ 605-480-0156	Grasses, millet, small grains, small- seeded legumes, soybeans
Mettler Fertilizer 656 E. Highway 18, PO Box 325 <b>Menno</b> , SD 57045-0325	605-387-5513/ 605-460-0878	Wheat
Golden Willow Seeds, Inc. 21304 238th Avenue <b>Midland</b> , SD 57552-3122	605-843-2187/ 605-843-2809/ 605-685-5911	Grasses, small grains small-seeded legumes, sorghum
*Van Tassel Seed Cleaning 21334 238th Avenue <b>Midland</b> , SD 57552	605-843-2171/ 605-685-4406	Millet, safflower, small grains, sunflower, Portable Cleaner

\* Portable Cleaner



Stengel Seed & Grain 14698 SD Highway 15 <b>Milbank</b> , SD 57252-5424	605-432-6030	Flax, small grains, soybeans
*Nelson's HB Seed 1020 North Broadway, PO Box 87 <b>Miller</b> , SD 57362-0087	605-853-3025/ 605-870-1472/ 605-870-3048	Grasses, small grains small-seeded legumes, soybeans Portable Cleaner
*Wade Strand 25798 409th Avenue <b>Mitchell</b> , SD 57301-5801	605-996-7533 605-770-8790	Small grains, Portable Cleaner
Frey Seed 12532 290th Avenue <b>Mobridge</b> , SD 57601	605-762-3326/ 605-848-1486	Millet, small grains
*Heskin Grain Processing, Inc. PO Box 111 <b>New Rockford</b> , ND 58356-0111	701-947-5111/ 701-302-0653/ 701-947-5114	Wheat, field peas Portable Cleaner
*Heskin Grain Processing, Inc. #2 PO Box 111 <b>New Rockford</b> , ND 58356-0111	701-947-5111/ 701-302-0653/ 701-947-5114	Wheat, field peas Portable Cleaner
Crop Production Services, Inc. 10 W Main Street, PO Box 109 <b>Northville</b> , SD 57465-0109	605-887-3422	Small grains, field peas, soybeans
Green Thumb Commodities 21718 445th Avenue, PO Box J <b>Oldham</b> , SD 57051-0018	605-482-8295/ 605-482-8296/ 800-843-3327	Flax, millet, small grains, small-seeded legumes
*Mid Dakota Seed Service 207 Hand Street, PO Box 105 <b>Orient</b> , SD 57467-0105	605-392-2480/ 605-460-1557	Millet, small grains, soybeans, Portable Cleaner
Dakota's Best Seed Co. 36656 West Hwy 44 <b>Platte</b> , SD 57369-6337	605-337-3318/ 605-337-3319/ 605-680-4284	Grasses, small grains, small- seeded legumes
*Pharmco Industries, LLC 36590 SD Hwy 44 <b>Platte</b> , SD 57369	605-337-3374	Small grains, Portable Cleaner
Seed Exchange (Conditioning Plant) 36787 SD Hwy 44, PO Box 247 <b>Platte</b> , SD 57369-0247	605-337-9882	All crops

\* Portable Cleaner

*Seed Exchange 36787 SD Hwy 44, PO Box 247 <b>Platte</b> , SD 57369-0247	605-337-9882	Small grains, Portable Cleaner
Van Dusseldorp Ag PO Box 308 <b>Platte</b> , SD 57369	605-337-3052	Oats
*Reuman Ag 30403 SD Hwy 248 <b>Presho</b> , SD 57568	605-683-4175/ 605-222-1712	Small grains, Portable Cleaner
Fiedler Farms, Inc. 13073 309th Avenue <b>Selby</b> , SD 57472-5809	605-845-6700/ 605-649-6280/ 605-649-7795	Millet, small grains
Foothills Seeds, Inc. 2323 South Junction Avenue PO Box 338 <b>Sturgis</b> , SD 57785-0338	605-347-4578	Grasses, small grains, small- seeded legumes
Dewey County Crop Improvement Courthouse PO Box 9 <b>Timber Lake</b> , SD 57656-0009	605-865-3789/ 605-848-3097/ 605-848-2972	Millet, small grains, small-seeded legumes
*Rahm Seed Cleaning 40340 161st Street <b>Turton</b> , SD 57477	605-897-6623/ 605-897-6540/ 605-887-7300	Small grains, Portable Cleaner
*Spink County Grain Cleaners, Inc. 40604 161st Street <b>Turton</b> , SD 57477-5900	605-897-6628/ 605-635-6281	Small grains, Portable Cleaner
*Blotske's Grain Cleaning (Joe) PO Box 694 <b>Underwood</b> , ND 58576-0694	701-442-3549/ 701-442-3595/ 701-400-1792	Small grains, Portable Cleaner
*Blotske's Grain Cleaning (Marcia) PO Box 167 <b>Underwood</b> , ND 58576-0167	701-442-5675 701-301-2585	Wheat, Portable Cleaner
Pioneer Hi-Bred Int., Inc. 17835 Hwy 13 West, PO Box 93 <b>Wahpeton</b> , ND 58074-0093	701-642-5300	Soybeans
*Eisenbraun Seed Cleaning PO Box 245 <b>Wall</b> , SD 57790	605-391-6967	Field peas, wheat millet, safflower, Portable Cleaner

\* Portable Cleaner

Discount Seeds, Inc. 2411 9th Avenue SW, PO Box 84 <b>Watertown, SD 57201-0084</b>	605-886-5888	Millet, small grains, soybeans
*Quality Seed Service 17613 449th Avenue <b>Watertown, SD 57201-7675</b>	605-881-7000	Soybeans, wheat, Portable Cleaner
Watertown Coop Elevator Assoc. 811 B N Drive <b>Watertown, SD 57201</b>	605-886-4406	Flax, small grains
Kuecker Kountry Farms 43846 147th Street <b>Webster, SD 57274-6025</b>	605-345-4601/ 605-345-4328/ 605-345-3463	Millet, small grains, soybeans
Kuecker Seed Farm, Inc. 14762 438th Avenue <b>Webster, SD 57274-6027</b>	605-345-3169/ 605-345-4397/ 605-380-3925	Flax, millet, small grains, soybeans
MPM Certified Seed 22875 383rd Avenue <b>Wessington Springs, SD 57382</b>	605-770-6537/ 605-539-0070	All crops
Legend Seeds Processing Plant 43281 189th Street <b>Willow Lake, SD 57278</b>	800-678-3346/ 605-854-3346	Soybeans
*Blotske's Grain Cleaning (Casey) 1889 Shamrock Ln <b>Wilton, ND 58579</b>	701-955-0763	Wheat, Portable Cleaner
*Pharmco Industries, LLC 27768 317th Avenue <b>Winner, SD 57580</b>	605-842-0703	Small grains, Portable Cleaner
Winner Seed E Hwy 44 27763 317th Avenue <b>Winner, SD 57580</b>	605-842-0481/ 605-842-1680	Small grains, small-seeded legumes

\* Portable Cleaner

## Approved Bulk Retail Facilities

(Sorted alphabetically by town)

Wittler Farms 29471 176th Street <b>Agar</b> , SD 57520	605-258-2431/ 605-280-0152
Kelsey Seed & Ag Service, LLC 421 - 5th Street S <b>Alpena</b> , SD 57312	605-849-3454/ 605-354-3506
S S & H Ag Supplies, Inc. 101 West Main Street <b>Ashton</b> , SD 57424	605-472-1020/ 605-450-1131/ 605-472-1028
CBH Cooperative, Feed & Ag Services 77 North 6th Avenue <b>Belle Fourche</b> , SD 57717	605-723-1333
Dakota Mill & Grain 808 5th Avenue <b>Belle Fourche</b> , SD 57717	605-892-2543
South Dakota Wheat Growers PO Box 306 <b>Bristol</b> , SD 57219-0306	605-492-3663
South Dakota Wheat Growers 527 415th Avenue, PO Box 113 <b>Carpenter</b> , SD 57322-0113	605-352-7210/ 605-350-4076
Crop Production Services, Inc. 30195 SD Hwy 19 <b>Centerville</b> , SD 57014	605-563-2533
South Dakota Wheat Growers 250 West 249th Street <b>Chamberlain</b> , SD 57325	605-734-4230
Agri Partners, Inc. 47453 SD Hwy 22 <b>Clear Lake</b> , SD 57226	605-874-2550/ 605-695-9698
Farmers Alliance PO Box 65 <b>Corsica</b> , SD 57328-0065	605-946-6215/ 605-946-6200

Agland Coop - A & D Fertilizer 39833 US Highway 18 <b>Delmont</b> , SD 57330-6908	605-779-2003/ 605-928-3627/ 605-770-3783
Midstate Agronomy 43204 U.S. Hwy 14, PO Box 10 <b>DeSmet</b> , SD 57231-0010	605-854-9282/ 605-203-0555
Northern Plains Cooperative #1 RR Street, PO Box 127 <b>Dupree</b> , SD 57623-0127	605-365-5331/ 605-365-5332/ 800-564-0883
CHS Northern Plains 11103 Walnut Rd <b>Eureka</b> , SD 57437	605-284-2673
CHS-dba-Northern Plains 609 9th Avenue S. <b>Faulkton</b> , SD 57438	605-598-4532
Country Pride Cooperative PO Box 276 <b>Fairfax</b> , SD 57335-0276	605-654-2619/ 605-830-0266
Country Pride Cooperative 803 N. US Hwy 81, PO Box F <b>Freeman</b> , SD 57029	605-925-7424/ 605-648-3231/ 605-660-3371
Brown Agronomy PO Box 305 <b>Gettysburg</b> , SD 57442	605-765-9133
CHS Northern Plains 503 North Potter <b>Gettysburg</b> , SD 57442-1029	605-765-2476/ 605-765-2498
Lubbers Farms, Inc. 33681 289th Street <b>Gregory</b> , SD 57533-4008	605-830-8782
Abeln Farm, Inc. 40344 134th Street <b>Groton</b> , SD 57445	605-397-8113
Bollweg Farms (Michael) 20210 322nd Avenue <b>Harrold</b> , SD 57536	605-875-3440/ 605-870-1725

Crop Production Services, Inc. 19742 321st Avenue, PO Box 63 <b>Harrold</b> , SD 57536	605-875-3336
North Central Farmers Elevator 32080 U.S. Hwy 14, PO Box 3 <b>Harrold</b> , SD 57536-0003	605-875-3375/ 605-870-1249
Olsen Custom Farms 1355 300th Street <b>Hendricks</b> , MN 56136	507-275-3136 605-695-1118
North Central Farmers Elevator PO Box 352 <b>Highmore</b> , SD 57345	605-852-2558 605-870-6230
Performance Ag PO Box 564 <b>Highmore</b> , SD 57345	605-852-8777
Western Consolidated Cooperative PO Box 78 <b>Holloway</b> , MN 56249	605-432-4531/ 320-394-2171 Located in Twin Brooks
Hoven Equity Exchange PO Box 785 <b>Hoven</b> , SD 57450-0785	605-948-2226
Howard Farmers Coop Assn. PO Box 706 <b>Howard</b> , SD 57349-0706	605-772-5543/ 800-808-0859/ 605-579-0352
South Dakota Wheat Growers 1000 4th Street NW, PO Box 18 <b>Huron</b> , SD 57350-0018	605-352-4390/ 605-352-4404
North Central Farmers Elevator 120 5th Avenue, U.S. Hwy 12 East <b>Ipswich</b> , SD 57451	605-426-6163/ 605-426-6021
Fremar, LLC (Irene) 211 N. Till Avenue <b>Irene</b> , SD 57037	605-263-3105/ 605-421-9291 (Ray)
Helena Chemical Co. 115 E. Neosho Street <b>Iroquois</b> , SD 57353	605-546-2504

Northern Plains Cooperative PO Box 15 <b>Isabel</b> , SD 57633-0015	605-466-2159
North Central Farmers Elevator PO Box 157 <b>Java</b> , SD 57452	605-649-6291
South Dakota Wheat Growers 115 N. SD Hwy 273, PO Box 99 <b>Kennebec</b> , SD 57544	605-869-2255
South Dakota Wheat Growers 36654 Iron Horse Drive <b>Kimball</b> , SD 57355	605-778-6141
LaBolt Farmers Grain 102 E. Georgia Avenue, PO Box 91 <b>LaBolt</b> , SD 57246-0091	605-623-4581
Prairie Ag Partners PO Box 158 <b>Lake Preston</b> , SD 57249-0158	605-847-4551
North Central Farmers Elevator 605 Railroad Street <b>Lebanon</b> , SD 57455	605-768-9465
Southwest Grain, Division of CHS, Inc. 201 2nd Street E., PO Box 239 <b>Lemmon</b> , SD 57638-0239	605-374-3301
South Dakota Wheat Growers 109 Elevator Road, PO Box 640 <b>McLaughlin</b> , SD 57642-0640	605-823-4441
Fremar, LLC (Marion) 44610 273rd Street, PO Box 357 <b>Marion</b> , SD 57043-0357	605-648-3941
Fremar, LLC (Dimock) PO Box 357 <b>Marion</b> , SD 57043-0357	605-648-3941 Located in Dimock
South Dakota Wheat Growers PO Box 107 <b>Mellette</b> , SD 57461-0107	605-887-3572/ 605-290-9367

Buy Rite Seed, LLC 35539 U.S. Hwy 14 <b>Miller</b> , SD 57362	605-853-2513/ 605-204-0217 Dale/ 605-870-2515 Ryan
North Central Farmers Elevator PO Box 5 <b>Miller</b> , SD 57362	605-853-2351/ 605-377-4774
South Dakota Wheat Growers PO Box 425 <b>Miller</b> , SD 57362-0425	605-853-3006
Wilbur Ellis Air, LLC PO Box 414 <b>Miller</b> , SD 57362	605-853-2382/ 605-461-3292
Agronomy Plus 2500 W. Havens Street <b>Mitchell</b> , SD 57301	605-996-3339
Farmers Alliance PO Box 1286 <b>Mitchell</b> , SD 57301	605-996-7322/ 605-999-4914
Barber Chemicals, LLC 201 Cedar Ave., PO Box 905 <b>Onida</b> , SD 57564	605-380-0672
Midwest Cooperative 305 Cedar Avenue <b>Onida</b> , SD 57564-0424	605-258-2687/ 605-258-2688
Shepherd Seed Company, LLC 18514 301st Avenue <b>Onida</b> , SD 57564	605-264-5559/ 605-280-8058/ 605-280-9058
Agland Coop 115 South 1st Street <b>Parkston</b> , SD 57366-6213	605-928-3627/ 605-680-6059
Midwest Cooperative 1919 East Sioux <b>Pierre</b> , SD 57501-5830	605-224-5935
Turnis Farm Service, Inc. PO Box 516 <b>Platte</b> , SD 57369-0516	605-337-3643



Wilbur Ellis Air, LLC 17150 US Highway 281 <b>Redfield</b> , SD 57469	605-472-2600
South Dakota Wheat Growers-Redfield Agronomy 1227 3rd Street East <b>Redfield</b> , SD 57469	605-472-0300
Karlen Ranch Partnership PO Box 1343 <b>Reliance</b> , SD 57569-1343	605-473-5605/ 605-730-5606
Revillo Farmers Elevator PO Box 98 <b>Revillo</b> , SD 57259-0098	605-623-4411
South Dakota Wheat Growers PO Box 138 <b>Roscoe</b> , SD 57471-0138	605-287-4311
Fremar, LLC (Salem) 44137 SD Hwy 38 <b>Salem</b> , SD 57058	605-425-2864
Northern Plains Cooperative PO Box 323 <b>Selby</b> , SD 57472-0323	605-649-7682
Stiegelmeier Farms, Inc. 13402 306th Avenue <b>Selby</b> , SD 57472-5802	605-649-7009/ 605-854-6034
LaCrosse Forage & Turf Seed, LLC 2810 West 3rd Street #1 <b>Sioux Falls</b> , SD 57104	877-338-9639/ 605-338-9639
Wheaton Dumont Coop Elevator 101 West Oak Street, PO Box 161 <b>Sisseton</b> , SD 57262-0161	605-698-3251 Located in New Effington
South Dakota Wheat Growers 38784 262nd Street, PO Box 248 <b>Stickney</b> , SD 57375-0248	605-732-4240
Wilbur Ellis Air, LLC 45149 152nd Street <b>Summit</b> , SD 57266	605-947-4800

Mettler Fertilizer 514 SD Hwy 37 <b>Tripp</b> , SD 57376	605-935-6106
South Dakota Wheat Growers 102 Main Street, PO Box 126 <b>Tulare</b> , SD 57476-0126	605-596-4114
Country Pride Cooperative 310 W. Railroad Street, PO Box 159 <b>Wagner</b> , SD 57380-0159	605-384-3671
Dakota Mill & Grain 111 2nd Ave., Box 419 <b>Wall</b> , SD 57790	605-279-2261
North Central Farmers Elevator 35315 Freedom Street <b>Wecota</b> , SD 57438	605-324-3200/ 605-380-1705
Broken Heart Ranch 23268 383rd Avenue <b>Wessington Springs</b> , SD 57382	605-539-9615/ 605-999-1196/ 605-350-0334
MPM Certified Seed (West River) 22875 383rd Avenue <b>Wessington Springs</b> , SD 57382	605-539-0236/ 605-770-6537 Located in Hayes
South Dakota Wheat Growers PO Box 350 <b>Wessington Springs</b> , SD 57382-0350	605-539-1555
Wilbur Ellis Air, LLC 22888 U.S. Hwy 281 <b>Wessington Springs</b> , SD 57382	605-539-0240
Farmers Alliance 409 S Main Street <b>White Lake</b> , SD 57383	605-249-2610/ 605-249-2233
South Central Livestock Supply PO Box 455 <b>Winner</b> , SD 57580	605-840-4070
South Dakota Wheat Growers 20137 U.S. Hwy 281 <b>Wolsey</b> , SD 57384	605-883-4317/ 800-290-2430

CHS Eastern Farmers 47014 SD Hwy 44 <b>Worthing</b> , SD 57077	605-372-3700
South Dakota Wheat Growers 218 So. Main <b>Yale</b> , SD 57386	605-599-2911

## NOTES

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# WEIGHTS AND MEASURES

### Linear Measure (Length)

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

### Square Measure (Area)

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

### Weight

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

### Cubic Measure (Area)

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

### TEMPERATURE CONVERSIONS

To convert Centigrade to Fahr-  
enheit:

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

To convert Fahrenheit to Centi-  
grade:

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

### DETERMINING PLANT POPULATION

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

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

### Metric Equivalents

#### (Linear Measure)

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

### Meter Equivalents

#### (Square Measure)

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

### Metric Equivalents (Volume)

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

### Metric Equivalents (Weight)

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

### Volume Conversion Factors/

#### Area Conversion Factors

Cubic ft. 5 0.8 = bushels grain  
Cubic ft. 5 7.48 = gallons  
Cubic ft. 5 62.4 = pounds water  
Gallons 5 8.330 = pounds water  
Gallons 5 0.1337 = cubic ft.  
Cubic inches ÷ 1,728 = cubic ft.  
Cubic yard 5 27 = cubic ft.  
Cubic ft. ÷ 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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