

BUILT BY FARMERS FOR FARMERS

SEED GUIDE 2024





TABLE OF CONTENTS

BARLEY.....	4
DURUM	10
FLAX.....	14
HARD RED SPRING WHEAT	18
HARD RED WINTER WHEAT	24
OAT	28
PULSE CROPS.....	34
RYE.....	40
SOYBEAN	42
REGIONAL SEED DEALERS.....	49

Established in 1929, North Dakota Crop Improvement and Seed Association (NDCISA) is a non-profit organization. NDCISA works closely with various entities to select varieties best adapted to our region. By being selective, we can provide more profitable seed varieties with the highest agronomic performance. Members of NDCISA work hard to make these popular seed varieties easily accessible to farmers. NDCISA has regional trial locations to gather current data to keep growers informed in selecting the most profitable varieties for their region.

NDCISA supports various organizations through donations, scholarships, sponsorships, grants, research, extension, and educational programs. North Dakota Crop Improvement & Seed Association is focused on uniting the agriculture community.

**ENHANCING NORTH DAKOTA
AGRICULTURE THROUGH THE
PRODUCTION, PROMOTION, AND
DISTRIBUTION OF PURE SEED.**



PRODUCTION



PROMOTION



DISTRIBUTION

FINEST SEED WITH BEST RESULTS



BARLEY

BARLEY

NDCISA



BARLEY

ND TREASURE



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

CHARACTERISTICS

Yield: **Very High**
Test Weight: **Good**
Easy To Harvest
Leaf And Stem Rush Resistant



NDSU NORTH DAKOTA
STATE UNIVERSITY

NOTES

ABI CARDINAL

ABI Cardinal barley was developed by the Anheuser-Busch breeding program. ABI Cardinal is a mid-season maturing two-row spring malting barley widely adapted to midwestern US. It has good yield potential, modern height, moderate straw strength, good plumpness, and good foliar disease resistance. ABI Cardinal has lower DON and protein accumulation in the kernel.



CHARACTERISTICS

Yield: **High**
 Straw Strength: **Moderate**
 Height: **Medium**



CDC AUSTENSON

- 2-Row Feed
- Large Kernels With High Test Weight
- Resistant to Stem Rust



CHARACTERISTICS

Yield: **High**
 Straw Strength: **Strong**
 Maturity: **Long**
 Height: **Medium**



CDC FRASER

- 2-Row Malt
- Good Malting Characteristics
- Low Protein



CHARACTERISTICS

Yield: **High**
 Stem Strength: **Strong**
 Kernels: **Large Plump**



CDC MAVERICK

- 2-Row Forage
- Smooth Awned for Improved Palatability
- Large, Plump Kernels
- High Test Weight, Kernel Weight and Protein
- Medium Resistant to Stem Rust
- Intermediate Resistance to FHB and DON Accumulation



CHARACTERISTICS

Yield: **High**
 Stem Strength: **Strong**
 Maturity: **Medium**
 Height: **Tall**



BARLEY

NDCISA



NDCISA provides the latest in genetics from NDSU and other top genetic providers.

CHARLIE STEIN: NELSON COUNTY SEED PRODUCER

TRADITION

- 6-Row Malt
- Excellent Agronomic Performance
- Strong Straw Strength



CHARACTERISTICS

Yield: **High**
Stem Strength: **Strong**
Maturity: **Medium**
Height: **Medium-Short**



NOTES

NDSU BARLEY VARIETY TRIAL | LOCATION: HETTINGER, ND

						GRAIN YIELD			AVERAGE YIELD	
VARIETY	DAYS TO HEAD	PLANT HEIGHT	PLUMP	TEST WEIGHT	GRAIN PROTEIN	2021	2022	2023	2 YR	3 YR
DAP		INCHES	%	LBS/BU	%	BUSHELS PER ACRE				
TWO ROW										
AAC CONNECT	63	30	91	38.1	11.8	46.4	94.6	121.8	108.2	87.6
AAC SYNERGY	62	31	92	36.4	12.4	47.5	103.4	134.7	119.1	95.2
ABI CARDINAL	60	28	94	40.3	11.7	50.3	93.9	124.2	109.1	89.5
BREWSKI	60	30	92	44.5	11.9	60.1	105.1	132.3	118.7	99.1
CONLON	52	27	96	41.7	12.6	43.9	95.2	94.4	94.8	77.8
EXPLORER	61	23	91	45.7	12.6	54.3	105.3	124.2	114.7	94.6
ND GENESIS	58	31	93	46.0	11.0	57.5	95.6	140.8	118.2	98.0
PINNACLE	57	30	91	44.3	10.5	54.8	85.7	96.2	90.9	78.9
SIX ROW										
ND TREASURE	55	28	90	40.6	12.1	51.5	108.5	132.1	120.3	97.4
TRADITION	55	30	93	42.4	12.3	50.4	101.6	115.8	108.7	89.3
TRIAL MEAN	58	29	92	42.0	11.9	51.7	98.9	121.7	110.3	90.7
C.V. %	1.6	5.7	2.4	3.2	4.7	9.4	5.2	6.9	--	--

HIGH-QUALITY DURUM WITH THE OPTIONS YOU NEED



DURUM

DURUM

NDCISA



DURUM

ND STANLEY

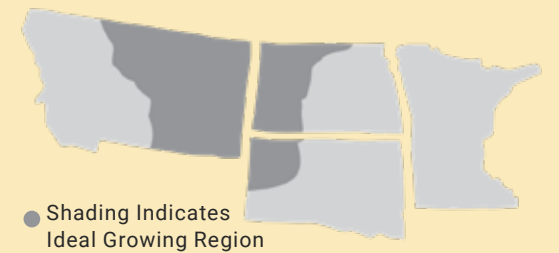


ND Stanley durum is a new variety developed at North Dakota State University (NDSU) in Fargo North Dakota by Dr. Elias Elias and his breeding team. This variety has extremely high yield, combined with strong straw and excellent protein. ND Stanley also has a strong disease package, and excellent end use quality durum millers are looking for. Take a look at the data and you will see that ND Stanley would be a good fit for any durum producer in the region.

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STATE UNIVERSITY

CHARACTERISTICS

Yield: **High**
Stem Rust: **Resistant**
Leaf Rust: **Resistant**
Test Weight: **High**



AAC SPITFIRE

- Resistant to Common Bunt as well as Stem, Leaf and Stripe Rust
- Low Grain Cadmium



CHARACTERISTICS

Yield: **High**
Straw Strength: **Strong**
Maturity: **Medium**
Height: **Medium**

Developed by Agriculture &
Agri-Food Canada, Swift Current

AAC STRONGHOLD

- **SOLID STEM**
- Resistant to Common Bunt as well as Stem, Leaf and Stripe Rust
- Low Grain Cadmium



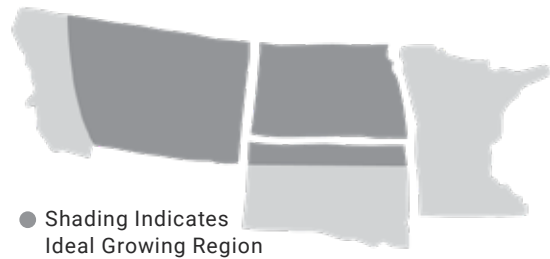
CHARACTERISTICS

Yield: **High**
Straw Strength: **Strong (Solid Stem)**
Maturity: **Medium**
Height: **Medium**

Developed by Agriculture & Agri-Food Canada, Swift Current

CDC DEFY

- Good Quality
- Resistant to Common Bunt and Leaf Rust
- Good Lodging Tolerance



CHARACTERISTICS

Yield: **High**
Disease: **MS for FHB**
Maturity: **Medium**
Height: **Tall**



ND GRANO

- Low Grain Cadmium
- Good Quality



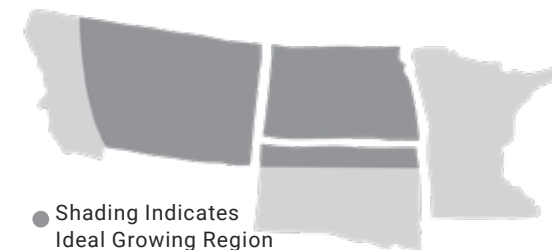
CHARACTERISTICS

Yield: **High**
Stem Rust: **Resistant**
Leaf Rust: **Resistant**
Test Weight: **High**



ND RIVELAND

- Low Grain Cadmium
- Good Quality



CHARACTERISTICS

Yield: **High**
Stem Rust: **Resistant**
Leaf Rust: **Resistant**
Test Weight: **High**



NDSU DURUM VARIETY TRIAL | LOCATION: HETTINGER, ND

VARIETY	PLANT HEIGHT	PLANT LODGE	TEST WEIGHT	GRAIN PROTEIN	GRAIN YIELD			AVERAGE YIELD	
					2021	2022	2023	2 YR	3 YR
	INCHES	0-9	LBS/BU	%	BUSHELS PER ACRE				
AAC STRONGHOLD	31	0	58.7	14.1	27.8	64.5	76.9	70.7	56.4
CDC DEFY	35	1	59.5	13.3	33.5	72.1	83.6	77.8	63.0
CDC VANTTA	32	0	58.3	12.8	--	61.1	82.2	71.6	--
DIVIDE	35	2	58.9	12.9	24.0	68.1	75.2	71.6	55.8
JOPPA	34	2	59.3	12.8	25.8	75.3	80.1	77.7	60.4
MOUNTRAIL	34	3	58.5	13.0	26.6	72.7	77.4	75.0	58.9
MT BLACKBEARD	37	2	59.1	13.1	--	--	81.0	--	--
MT RASKA	28	3	58.9	13.7	--	--	68.9	--	--
ND GRANO	35	3	59.5	12.8	25.2	71.2	76.1	73.7	57.5
ND RIVELAND	35	1	59.2	12.8	30.3	69.2	75.2	72.2	58.2
ND STANLEY	33	0	58.9	13.3	30.1	73.9	74.3	74.1	59.4
TRIAL MEAN	34	2	59.0	13.1	27.9	69.8	77.4	73.8	58.7
C.V. %	4.2	NA	0.6	4.3	13.3	3.7	4.7	--	--

FLAX SEED OPTIONS YOU CAN RELY ON



FLAX

FLAX

NDCISA



FLAX

CDC ROWLAND

CDC Rowland flax was developed at the Crop Development Centre of University of Saskatchewan in Saskatoon, Saskatchewan. CDC Rowland is a large, high yielding brown flax variety with very good lodging resistance and later maturity.

CHARACTERISTICS

Yield: **High**
Maturity: **Late**
Seed Color: **Brown**
Seed Size: **Large**



NDCISA's Mission and goal is to provide and promote pure high-quality seed, and at the same time provide peace of mind about the seed that is actually planted. NDCISA has been working with a variety of breeders for many years, and together, have come up with some outstanding products that are well suited for your area. As it has been stated, quality seed doesn't cost it pays.

CARSON KOUBA: HETTINGER COUNTY SEED PRODUCER

ND HAMMOND

- Resistant to Flax Rust
- Good Oil Quality
- Resistant to Flax Wilt



CHARACTERISTICS

Yield: **High**
Seed Color: **Brown**
Maturity: **Medium**
Height: **Medium**



GOLD ND

- Excellent Yield
- Good Oil Content and Oil Quality
- Good Tolerance to Flax Wilt
- Resistant to Flax Rust



CHARACTERISTICS

Yield: **High**
Seed Color: **Yellow**
Maturity: **Medium**
Height: **Medium Tall**



NOTES

NDSU FLAX VARIETY TRIAL | LOCATION: LANGDON, ND

VARIETY	COLOR	DAYS TO FLOWER	PLANT HEIGHT (IN.)	TEST WEIGHT (LBS/BU)	YIELD (BU/A)	2 YEAR AVG (BU/A)	3 YEAR AVG (BU/A)
AAC BRIGHT	Y	52	31	47	31.9	47.1	38.4
CDC DORADO	Y	44	29	47.2	30.2	42.4	34.3
CARTER	Y	47	30	51.5	34.5	45.5	37.4
GOLD ND	Y	50	32	52.2	31.6	43.6	35.9
OMEGA	Y	45	31	51.8	31	40.5	34
CDC GLAS	B	52	30	48.4	28.1	46.4	38
CDC KERNEN	B	47	31	46	22.9	40.1	--
CDC NEELA	B	50	33	51.3	34.7	46.9	38.5
CDC ROWLAND	B	50	29	50.2	35.2	51.7	41.4
AAC MARVELOUS	B	51	29	50.5	30.1	46.9	38.5
ND HAMMOND	B	49	32	49.2	31.4	44.9	36.9
WEBSTER	B	49	30	50.4	30.6	44.6	37.5
YORK	B	51	33	51.2	34.7	49.1	39.5
TRIAL MEAN		49	31	49.8	31.3	--	--
CV (%)		2.6	5.6	2.1	8.3	--	--

NOTES

PROVIDING THE HIGHEST QUALITY SEED



HRSW

HRSW

NDCISA



HARD RED SPRING WHEAT

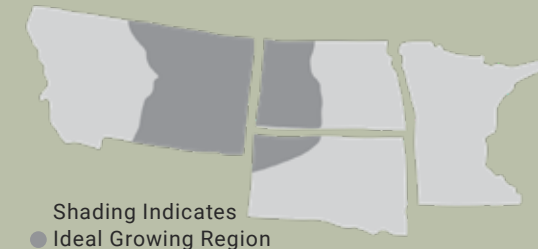
ND HERON



ND Heron is a new hard red spring wheat variety from Dr. Andrew Green's wheat breeding program at North Dakota State University (NDSU). ND Heron has a competitive yield package coupled with high test weight and protein. It has excellent end-use quality that processors expect from a NDSU variety. ND Heron has good disease resistance to fusarium head blight (FHB), bacterial blight, and common rust races. ND Heron is a wheat variety that is targeted for the western 1/2 of ND and SD, and a large portion of Montana. ND Heron spring wheat should be a good fit for any spring wheat producer in that area.

CHARACTERISTICS

Yield: **High**
Stem Rush: **MR**
Leaf Rush: **MS**
Head Scab: **MR**
Test Weigh: **High**



NDSU NORTH DAKOTA
STATE UNIVERSITY

AAC BRANDON



CHARACTERISTICS

Height: **Short**
Yield: **High**
Stem Rust: **MR**
Leaf Rust: **MS**
Head Scab: **MR**
Test Weight: **High**

Developed by Agriculture &
Agri-Food Canada, Swift Current

AAC STARBUCK VB

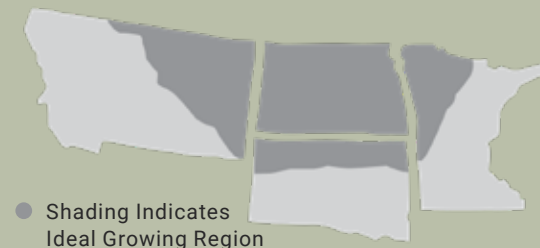


AAC Starbuck VB is a very high yielding **semi-dwarf** spring wheat with good lodging resistance and is rated MR to Fusarium head blight. AAC Starbuck VB is also tolerant to the orange wheat blossom midge. AAC Starbuck VB is well-adapted to the wheat growing regions across North Dakota, Eastern Montana, and Northwest Minnesota. Certified seed of AAC Starbuck VB will be sold as a varietal blend made up of 90% AAC Starbuck and 10% AAC Brandon. AAC Brandon

provides a refuge area for non-virulent midge to survive at low levels, thereby extending the useful life of the Sm1 midge tolerant gene. **AAC Starbuck will be marketed as certified seed only (CSO).** This method will maintain the midge resistance going into the future. See our website for further information regarding orange wheat blossom midge stewardship.

CHARACTERISTICS

Yield: **High**
Protein: **High**
Test Weight: **High**
Straw Strength: **Good**



Developed by Agriculture & Agri-Food Canada, Swift Current

ND FROHBURG

- Good Straw Strength
- Excellent Disease Package
- Strong End-Use Quality



CHARACTERISTICS

Yield: **High**
Stem Rust: **MR**
Leaf Rust: **MS**
Head Scab: **MR**
Test Weigh: **High**

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HRSW

NDCISA



ND THRESHER



Thresher is shorter statured, high yielding wheat best adapted to high yield potential environments in Eastern and Central North Dakota. It has a height about 1" taller than SY Valda, and a heading date similar to Faller. Relative to Faller, it has improved straw strength by about 15%. Statewide yield potential is similar to SY Ingmar and Elgin-ND, with yield potential similar to Lang-MN and MN Torgy in the East (from NDSU breeding program data). In Central North Dakota, it has shown

as similar yield potential as Barlow, and ND Frohberg. It is moderately resistant to FHB and bacterial leaf streak (BLS). In NDSU breeding program screening over multiple years, only Boost has shown superior BLS resistance. It has superior milling and baking quality and high grain protein content.

CHARACTERISTICS

Yield: **High**
Protein: **Strong**
Straw Strength: **Good**



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ND VITPRO

- Improved Straw Strength
- High Protein and Test Weight
- Bright Vitreous Kernel



CHARACTERISTICS

Yield: **High**
Straw Strength: **Medium**
Maturity: **Medium Early**
Height: **Medium**

NDSU NORTH DAKOTA STATE UNIVERSITY

HRSW

NDSU HARD RED SPRING WHEAT VARIETY TRIAL | LOCATION: HETTINGER, ND

					GRAIN YIELD			AVERAGE YIELD	
VARIETY	PLANT HEIGHT	PLANT LODGE	TEST WEIGHT	GRAIN PROTEIN	2021	2022	2023	2 YR	3 YR
	INCHES	0-92	LBS/BU	%	BUSHEL PER ACRE				
AAC STARBUCK VB	33	3	58.8	14.7	46.6	76.1	82.6	79.3	68.4
AP MURDOCK	29	2	58.1	13.3	39.5	73.6	75.2	74.4	62.8
ASEND-SD	35	2	60.0	13.2	40.9	74.4	83.4	78.9	66.2
BOOST	33	4	59.6	14.3	--	69.9	72.0	70.9	--
BRAWN-SD	32	3	59.9	13.4	--	84.1	89.1	86.6	--
CDC LANDMARK VB	33	2	59.6	14.7	--	--	81.8	--	--
GLENN	32	1	60.6	14.6	41.6	71.2	73.3	72.2	62.0
LANG-MN	32	1	59.7	13.8	--	--	76.9	--	--
LANNING	31	0	58.1	13.9	48.6	77.3	78.5	77.9	68.1
LCS HAMMER AX	27	0	58.2	13.6	--	77.6	73.3	75.5	--
MN ROTHSA Y	30	0	58.9	13.9	43.1	74.2	85.1	79.6	67.5
MN TORG Y	30	1	58.8	14.4	45.2	77.1	85.4	81.2	69.2
MS COBRA	30	1	59.1	14.3	42.3	77.7	76.7	77.2	65.5
ND FROHBERG	32	1	59.7	14.4	46.0	73.7	78.4	76.0	66.0
ND HERON	31	3	59.4	14.7	47.7	74.3	75.7	75.0	65.9
ND THRESHER	24	3	58.6	14.0	38.0	73.5	82.0	77.7	64.5
ND VITPRO	30	2	60.2	14.7	39.4	71.6	74.3	72.9	61.8
SHELLY	30	2	58.9	13.1	--	78.9	86.4	82.7	--
SY VALDA	30	2	59.6	14.5	43.3	74.8	86.7	80.7	68.3
TCG HEARTLAND	28	1	59.6	14.9	45.7	73.2	72.5	72.8	63.8
WB9590	26	1	58.4	14.3	43.2	77.6	79.1	78.4	66.6
TRIAL MEAN	30.4	1.7	59.2	14.1	43.4	75.3	79.4	77.4	65.8
C.V. %	6.2	71.2	0.7	4.1	7.4	3.1	5.5	--	--

NOTES

NOTES

CHOSEN TO PERFORM TRUSTED TO SUCCEED



HRWW

HRWW

ND CISA



HARD RED WINTER WHEAT

ND ALLISON



ND ALLISON - a new winter wheat variety developed at North Dakota State University (NDSU) by Dr. G. Francois Marais and his breeding team. When compared to the cultivar Jerry, ND Allison has shown to have 1-2 inch shorter straw, similar maturity date, and also exhibits the same strong winter hardiness we see in Jerry. ND Allison is a very high yielding variety with a broad adaptation as demonstrated in the performance of the ND statewide

Elite and Variety Trials. This variety is more tolerant of acidic soils. Based on molecular marker data, ND Allison is believed to have the aluminum tolerance gene, TaALMT1, which will give it an advantage in localities associated with aluminum toxicity such as SW North Dakota. ND Allison is resistant to leaf rust, has good test weight, good protein and has satisfactory processing quality.

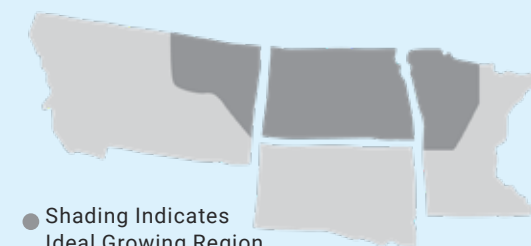
CHARACTERISTICS

Yield: **High**

Protein: **Good**

Winter Hardiness: **Excellent**

Test Weight: **Good**



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ND NOREEN

- Very High Test Weight
- High Protein
- Stem Resistance
- Excellent Winter Hardiness
- Resistant to Bacterial Leaf Streak

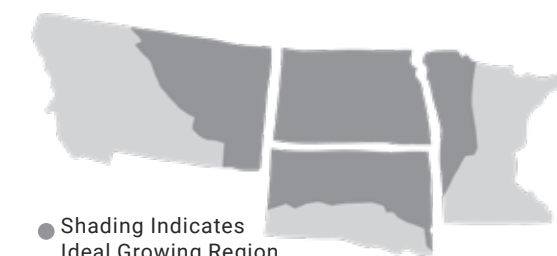
CHARACTERISTICS

Yield: **High**

Straw Strength: **Excellent**

Maturity: **Medium**

Height: **Tall**



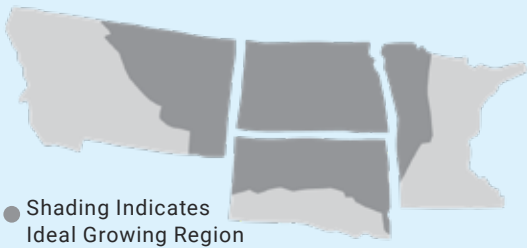
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AAC GOLDRUSH

AAC Goldrush-is a next generation, high yielding HRWW with excellent winter hardiness. It comes with good standability and strong rust resistance, and is rated intermediate to fusarium head blight (FHB). Its pedigree: CDC Falcon/CDC Osprey//Crimson/CDC Falcon shows why this variety will be very popular with growers in the region. CDC Falcon has been long known as a “winter hardy yielder”. Try AAC Goldrush today and see the difference for yourself.

CHARACTERISTICS

Yield: **High**
Protein: **Excellent**
Winter Hardiness: **Excellent**
Height: **Medium**



Developed by Agriculture & Agri-Food Canada, Swift Current

NOTES

NDSU WINTER WHEAT VARIETY TRIAL | LOCATION: LANGDON, ND

VARIETY	PLANT HEIGHT (IN.)	PROTEIN (%)	TEST WEIGHT (LB/BU)	YIELD (BU/A)	2 YEAR AVG (BU/A)	3 YEAR AVG (BU/A)
JERRY	24.6	13.3	62.8	62.7	71.9	62.7
ND NOREEN	25.2	14.1	64.5	62	73.4	65
NORTHERN	22.7	13.6	63.8	68.8	65.3	57.7
SD ANDES	23.3	12.9	64.4	65.9	76.4	-
SD MIDLAND	23.7	12.5	64.1	68.5	73.8	-
WINNER	22.3	13.2	63.4	57.8	69.7	-
AAC WILDFIRE	22.6	12.4	63.8	66.1	68.3	60.6
AAC VORTEX	22.5	14	63.3	61.4	76.1	-
AAC GOLDRUSH	25.1	13.4	63.4	65.5	-	-
MS SUNDOWN	20.8	13.2	63	55	-	-
MS MAVERICK	21.4	13.9	63.7	57.9	62.5	-
SY MONUMENT	20.9	12.6	62.7	59.7	60.2	52
SY WOLVERINE	19.4	14.2	63.3	48.4	49.3	45.8
KELDIN	24	12.9	64	70.7	66.2	56.2
WB4309	21.2	14.2	63.4	54.5	61.8	-
ND ALLISON	23	12	63.7	69.2	77.1	-
MEAN	22.7	13.3	63.6	62.1		
CV (%)	5.5	1.9	0.4	6.5		

NOTES

ADDING VALUE TO YOUR FARM WITH THE BEST OAT SEED OPTIONS



OAT

OAT

NDCISA



OAT

AAC DOUGLAS

AAC Douglas is a high β -glucan white hulled milling oat developed by Agriculture & Agri-Food Canada Cereal Research Centre in Winnipeg, Manitoba. This variety will be an industry leader with its high grain yield, strong short straw, and excellent milling quality coupled with very high groat percentage. AAC Douglas will replace several current milling oat varieties currently on the market today. This variety is rated resistant to smut and moderately resistant to oat crown rust and FHB. AAC Douglas has performed very well across all growing regions. Take a look at the data and you will see that AAC Douglas would be a variety well suited for producers looking for a high yielding grain oat.

CHARACTERISTICS

Yield: **Very High**
Test Weight: **Very High**
Disease: **MR for Crown Rust**
Height: **Medium**



Developed by Agriculture & Agri-Food Canada, Swift Current

CDC HAYMAKER

- Good Forage Quality
- Forage Type
- Large Plump Seed

CHARACTERISTICS

Yield: **High**
Straw Strength: **Strong**
Maturity: **Late**
Height: **Tall**



ND CARSON



ND Carson a spring oat with good yield, good test weight, and good lodging resistance. ND CARSON exhibits crown rust resistance similar to “Leggett”. The crown rust resistance of ND CARSON was derived from the diploid Avena strigosa by Rines. Rines derived the crown rust resistance used in ND CARSON from A. strigosa independently of the derivation (Pc 94) for Leggett, but the resistance in ND141338 is inhibited by Pc38 as it is in Leggett. ND CARSON does not likely have crown rust resistance that exceeds Leggett. Milling characteristics of ND CARSON are considered good, but it produces slightly more thin kernels than ND Spilde. ND141138 produced consistently high grain yield and test weight in ND Oat Variety Trials.

CHARACTERISTICS

Yield: **High**
 Test Weight: **High**
 Lodging Resistance: **Good**
 Conventional Height Oat
 Crown Rust Resistant
 Dual Purpose (grain or hay)



NDSU NORTH DAKOTA STATE UNIVERSITY

JURY

- Grain or Forage Type
- Excellent Test Weight



CHARACTERISTICS

Yield: **High**
 Straw Strength: **Medium**
 Maturity: **Medium**
 Height: **Tall**

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OAT

NDCISA



ND SPILDE



ND Spilde is a spring oat with good yield potential, low proportion of thin kernels, unique crown rust resistance, and good test weight. ND Spilde exhibited very good grain yield (110%) of Leggett and usually the highest yielding genotype in North Dakota Oat Variety Trials. The large white kernels with a low proportion of thin kernels should be attractive to the oat milling industry. The milling industry requested large kernels and low thin proportion to improve milling efficiency. ND Spilde has good lodging resistance and is relatively late flowering.

CHARACTERISTICS

Yield: **Very High**
 Test Weight: **High**
 Disease Resistance: **Strong**
 Milling Type: **Oat**
 Oat Kernel: **White**
 Very Low Thin Count
 (geared for the milling industry)



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NEWBURG

- Grain or Forage Type
- Disease Resistance



CHARACTERISTICS

Yield: **High**
 Straw Strength: **Strong**
 Maturity: **Late**
 Height: **Medium**

NDSU NORTH DAKOTA STATE UNIVERSITY

ORE3541M

- High Test Weight
- Resistant to Crown Rust and Smut
- Grain or Forage Type



CHARACTERISTICS

Yield: **High**
Straw Strength: **Strong**
Maturity: **Average**
Height: **Medium**



ROCKFORD

- Grain or Forage Type
- High Test Weight



CHARACTERISTICS

Yield: **High**
Straw Strength: **Strong**
Maturity: **Late**
Height: **Tall**



NDCISA works every day to bring new seed varieties to our customers by searching both domestic and international markets for the newest genetic innovations.

MARK SEASTRAND: EDDY COUNTY SEED PRODUCER

NDSU OAT VARIETY TRIAL | LOCATION: CARRINGTON, ND

VARIETY	DAYS TO HEADING	PLANT HEIGHT (IN.)	LODGING (0-9)	PROTEIN (%)	TEST WEIGHT (LB/BU)	YIELD (BU/A)	PREVIOUS YEAR (BU/A)	3 YEAR AVG (BU/A)
AAC DOUGLAS	43.7	40.8	1.2	12.7	35.2	168.7	88.6	--
BEACH	43.7	31.2	2	15	34.7	91.9	39.4	87.9
CS CAMDEN	44	35.2	1.4	13.5	36.6	149.9	72.9	115.7
DEON	46.3	37.3	2	14	35.8	134.1	70.1	110.4
ENDURE	45.7	37.8	1.8	13.3	35.2	152.3	--	--
HIFI	45.3	32	1.1	14	31.1	87.7	48.6	86.6
JURY	45.7	34.1	3.5	13.5	31.9	103.2	77.3	105
KILLDEER	44	31	1	14.3	30.4	105.5	54.1	89
LEGGETT	44.3	30.7	1.3	14.3	33.5	112.6	61.7	95.3
MN PEARL	45	35.3	1.9	13.1	34.6	128.4	81.7	--
ND CARSON	45.3	32.4	2	13	33.2	138.8	61.5	108.1
ND CREMA (HL)	49.7	39.6	1.8	20	45	79.8	38.3	62.4
ND HEART	45.3	32.2	1	14.5	30.6	86.9	51.1	89.6
ND SPILDE	45.3	35.3	2.1	14	30.2	106.5	73.3	102.7
NEWBURG	46	32.8	1.5	13.2	31.3	120.3	70.9	108.2
OTANA	46.3	37.1	2.4	14.5	35.2	91.7	65.3	103.1
PAUL (HL)	47	40.7	2.7	17.6	40.5	90	38.1	65.1
ROCKFORD	46.3	38.8	1.1	14.2	35.6	115.9	53.3	96.6
SD BUFFALO	44.3	37.7	1.2	13.7	34.3	121.8	73	--
AAC NEVEL	46.7	32.5	1	13.2	31.6	118.9	--	--
OT7104 (F)	48	31.9	1.3	13.6	32.7	118.2	--	--
OT6037 (F)	52.3	35.3	2	13.7	26.4	105.8	--	--
TRIAL MEAN	45.9	35	1.7	14.2	33.9	115	62.2	--
CV (%)	1.9	8.9	20.5	3.6	5.1	6.2	15.5	

NOTES

VARIETIES YOU CAN DEPEND ON FOR SUCCESS



PULSES

PULSES

NDCISA



PULSES

ND CROWN

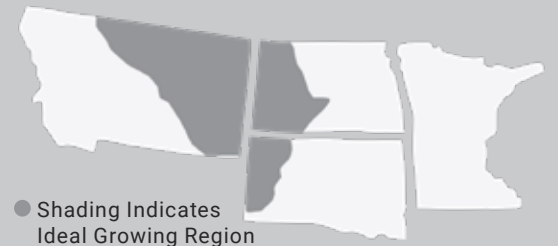


ND Crown was released in 2020 by the NDSU pulse crops breeding and genetics program. It is a high-yielding kabuli chickpea that consistently produces large seed, is resistant to lodging with great standability, and comparable maturity to commercial cultivars like CDC Frontier and CDC Orion. In addition, ND Crown exhibits moderate resistance to Ascochyta blight, and shines under high disease pressure, displaying significantly lower Ascochyta blight severity than CDC Frontier and CDC Orion.



CHARACTERISTICS

Yield: **Very High**
Seed Size: **Large**
Height: **Tall**

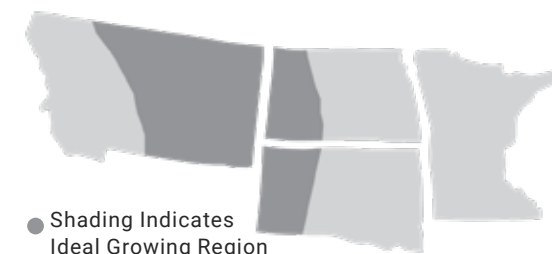


AVONDALE LENTIL

- Excellent Agronomic Performance
- High Seed Quality
- Excellent Standability

CHARACTERISTICS

Yield: **High**
Type: **Medium Green**
Maturity: **Medium**
Height: **Medium**



Developed by USDA Pulse Program
Pullman WA

ND DAWN FIELD PEA

- Smooth Seed Coat
- Large Seed
- Average Protein
- Seed Type, Yellow Cotelydon



CHARACTERISTICS

Yield: **High**
Standability: **Strong**
Maturity: **Medium**
Height: **Medium**



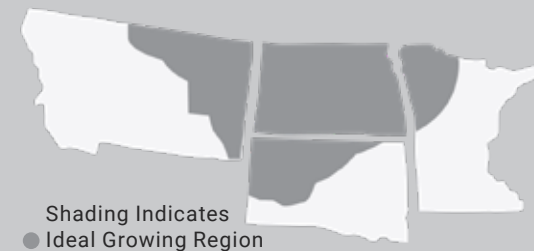
AAC JULIUS



AAC Julius is a new high yielding yellow pea with an overall smaller seed size that growers are looking for. AAC Julius has good protein, it's resistant to powdery mildew, and is resistant to shattering with its strong seed coat. This very stable semi-leafless yellow pea will be an excellent choice for many producers in the region

CHARACTERISTICS

Yield: **High**
Protein Package: **Strong**
Height: **Tall**
Seed Size: **Small**



Developed by Agriculture & Agri-Food Canada, Swift Current

PULSES

NDCISA



CAPHORN FIELD PEA

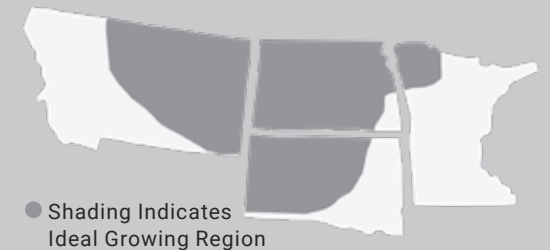


Caphorn is a mid-maturity yellow pea with the seed size and protein pulse processors are looking for. Caphorn also has a good upright growth habit and is resistant to lodging, making it very easy to harvest. With its high yield, coupled with a strong seed coat, Caphorn will be an excellent choice for any field pea producer in the region.



CHARACTERISTICS

Yield: **High**
Height: **Medium**
Standability: **Good**
Protein: **Above Average**



HAMPTON FIELD PEA

- Good Resistance to Lodging
- Resistant to Fusarium Wilt
- Semi Dwarf
- Semi Leafless



CHARACTERISTICS

Yield: **High**
Seed Color: **Green Cotelydon**

Developed by USDA Pulse Program Pullman WA

ND EAGLE LENTIL

- Excellent Agronomic Performance
- High Seed Quality
- Excellent Standability



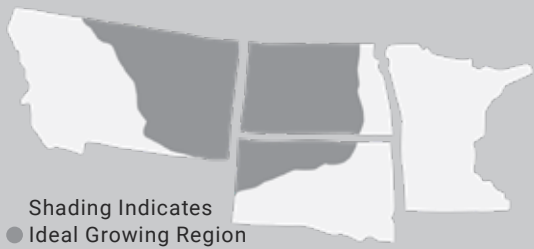
CHARACTERISTICS

Yield: **High**
Type: **Small Green**
Maturity: **Medium**
Height: **Medium**



ND VICTORY

‘ND Victory’ is the first semi-leafless, green cotyledon field pea cultivar developed by the North Dakota State University Pulse Crops Breeding Program. This high yielding field pea has white flowers, with excellent plant height and standability. ND Victory is resistant to powdery mildew and moderately resistant to Ascochyta blight. ND Victory also has a low disease severity to Fusarium root rot. Overall ND Victory seed quality exceeds the industry standards with opaque seed coat, smooth round seed, and high protein. ND Victory has a protein content of 25.2%, exceeding the premium protein threshold of 24% that the processing industry is looking for. ND Victory will be a good fit for any green pea producers in the region.



CHARACTERISTICS

Yield: **High**
Standability: **Strong**
Height: **Tall**
Maturity: **Late**



NDSU FIELD PEA VARIETY TRIAL | LOCATION: HETTINGER, ND

VARIETY	DAYS TO FLOWER	DAYS TO MATURE	CANOPY HEIGHT	LODGING	SEED PROTEIN	1,000 SEED WT.	SEEDS LB	TEST WEIGHT	SEED YIELD		
									2023	2-YR. AVG.	3-YR. AVG.
	DAP1	DAP1	INCHES	0 - 92	%	GM	SEEDS	LB/BU	BUSHELS PER ACRE		
YELLOW COTYLEDON TYPE											
CAPHORN	49	87	32	6	26.4	253	1789	63.9	68.9	--	--
AAC CHROME	49	88	30	6	24.9	227	2000	64.1	73.3	55.7	45.1
AAC JULIUS	49	88	31	5	25.1	202	2228	63.9	66.2	54.0	--
AAC PROFIT	50	90	35	6	27.3	201	2258	63.8	65.7	54.2	44.3
AGASSIZ	49	90	34	7	24.8	219	2069	63.1	62.1	50.6	41.7
DS ADMIRAL	47	83	29	8	24.4	236	1928	63.0	61.5	55.0	44.3
MS GROWPRO	49	88	34	6	27.5	275	1659	62.9	60.4	49.3	41.5
ND DAWN	48	83	29	7	24.1	230	1971	63.1	61.5	53.1	43.8
ORCHESTRA	47	85	31	7	26.4	253	1807	63.2	58.4	48.4	40.3
SALAMANCA	49	86	35	5	25.3	235	1939	63.9	63.7	55.2	45.3
GREEN COTYLEDON TYPE											
CDC STRIKER	49	83	26	7	27.5	226	2009	63.9	59.6	47.9	39.8
ND VICTORY	51	93	40	4	26.1	152	3002	64.0	63.0	50.0	41.4
PG8318	51	91	39	4	26.6	197	2338	63.1	63.4	51.7	--
SHAMROCK	50	86	33	7	25.0	224	2033	63.0	61.9	36.6	--
TRIAL MEAN	49	87	33	6	25.8	224	2074	63.5	63.5	50.9	42.8
C.V. %	1.0	1.3	6.3	17.8	2.5	4.0	4.1	1.3	8.2	--	--
LSD 5%	0.6	1.3	2.4	1.3	0.8	11	97	1.0	6.1	--	--
LSD 10%	0.5	1.0	1.8	1.0	0.7	8	76	0.8	4.7	--	--

LOCATION: LREC, LANGDON, ND

									GRAIN YIELD			
VARIETY	DAYS TO 1ST FLOWER	DAYS TO MATURE	CANOPY HT AT HARVEST	HARVEST EASE	1000 KWT	SEEDS/ POUND	TEST WEIGHT	PROTEIN	2021	2022	2023	3-YR. AVG.
			IN	0-9	GMS		LB/BU	%	BU/A			
YELLOW COTYLEDON TYPE												
AAC CHROME	48	83	31	1	247	1840	63.1	24.0	61.8	70.8	84.5	72.4
AAC JULIUS	47	80	35	0	206	2197	63.7	24.9	53.3	58.6	86.6	66.2
SALAMANCA	43	79	35	1	262	1728	63.8	25.5	46.4	64.1	77.0	62.5
AAC BEYOND	48	80	32	2	215	2110	62.3	25.3	--	--	87.8	--
CDC INCA	47	83	39	0	238	1911	63.6	24.7	50.4	71.0	77.7	66.4
CAPHORN	47	80	33	3	257	1767	62.8	25.8	--	--	81.4	--
ORCHESTRA	42	80	34	2	279	1628	62.7	26.2	41.8	55.9	82.1	59.9
GREEN COTYLEDON TYPE												
CDC STRIKER	46	78	33	0	240	1898	63.7	25.6	44.6	46.6	70.2	53.8
ND VICTORY	50	86	41	1	175	2608	63.0	26.3	--	44.9	72.4	--
SHAMROCK	47	80	34	0	233	1943	63.0	25.0	48.0	61.4	81.4	63.6
TRIAL MEAN	45.5	80.9	34.7	1.0	235.2	1963	63.2	25.3	49.5	59.2	80.1	63.5
C.V. %	2.4	1.6	8.1	77.0	3.2	4	1.0	2.8	13.3	7.4	7.4	--

PLANT PERFORMANCE HARVEST EXCELLENCE



RYE

RYE

RYE

NDCISA



ND DYLAN

- Improved Grain Production Over All Current Varieties
- Excellent Winter Hardness



CHARACTERISTICS

Yield: **High**
Straw Strength: **Strong**
Maturity: **Medium-Late**
Height: **Tall**



ND GARDNER

- Forage/Cover Crop Type
- Fast Canopy Establishment



CHARACTERISTICS

Yield: **Good**
Straw Strength: **Strong**
Maturity: **Very Early**
Height: **Tall**
Winter Hardiness: **Very Good**



With NDCISA being a member-run, non-profit association; the grower elected board of directors decide the direction, goals, and ultimate mission of the NDCISA. This ensures that when the growers choose to invest in seed from the NDCISA, they are investing in a seed organization that is putting the needs of the farmer first.

LUKE ANDERSON: SARGENT COUNTY SEED PRODUCER

SOYBEAN PRODUCTS BRED FOR YOUR FIELD



SOYBEAN

SOYBEAN

MDCISA



SOYBEAN

ND ROLETTE

- Purple Flower Color
- Gray Pubescence
- Tan Pod Color, Buff Hila With A Dull Seedcoat
- Good IDC Tolerance



CHARACTERISTICS

Yield: **High**
Relative Maturity: **Early**
Height: **Medium**
Maturity Group: **00.7**

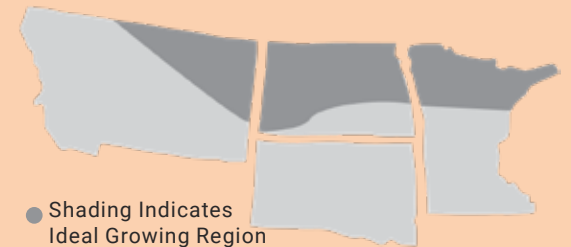
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ND17009GT

The appearance of ND17009GT includes a white flower, brown pod color, tawny pubescence, and black hila with a shiny seed coat luster. It has a high yield potential, is resistant to glyphosate, and is moderately tolerant to iron-deficiency chlorosis. This variety is a good fit for the northern areas of North Dakota because of its relative maturity of 00.9.

CHARACTERISTICS

Yield: **High**
Relative Maturity: **Early**
Height: **Medium**
Maturity Group: **00.9**



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ND18008GT

- Glyphosate Resistance (GT)
- Aphid Tolerance
- Early Maturity
- CSO Variety



CHARACTERISTICS

Yield: **High**
 Relative Maturity: **Early**
 Height: **Medium**
 Maturity Group: **00.8**



ND BENSON

- SCN Resistance
- Conventional Type
- White Flower Color
- Gray Pubescence
- Tan Pod Color And Buff Hila With Dull Seed Coat Luster



CHARACTERISTICS

Yield: **High**
 Relative Maturity: **Medium**
 Height: **Medium**
 Maturity Group: **0.4**



ND DICKEY

- Medium IDC
- Purple Flower Color
- Gray Pubescence Color
- Tan Pods With Yellow Hila Color And Dull Seed Coat Luster



CHARACTERISTICS

Yield: **High**
 Relative Maturity: **Early**
 Height: **Medium**
 Maturity Group: **0.7**



ND STUTSMAN

- Purple Flower Color
- Gray Pubescence
- Brown Pod Color And Yellow Hila With Dull Seed Coat Luster
- Resistant to Lodging



CHARACTERISTICS

Yield: **High**
 Relative Maturity: **Medium-Late**
 Height: **Medium**
 Maturity Group: **0.7**



ND21008GT20

Tested as (ND14-6120), ND21008GT20 is a 00.8 maturity glyphosate tolerant (GT) soybean with a high yield potential similar to 'ND17009GT', but has a much-improved tolerance to IDC with a score of 1.8. ND21008GT20 has a competitive yield package similar to many company RR2 types. ND21008GT20 is resistant to Race 4 of phytophthora root rot. It should be noted that ND21008GT20 is susceptible to Soybean Cyst Nematode. ND21008GT20 has purple flower color, tawny pubescence, brown pod with gray hila and dull seed coat luster.

CHARACTERISTICS

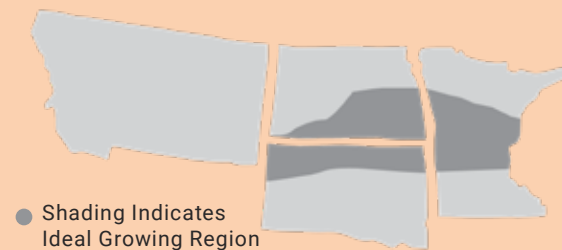
Yield: **High**
 Relative Maturity: **Early**
 Height: **Medium**
 Maturity Group: **00.8**



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CHARACTERISTICS

Yield: **High**
Relative Maturity: **Late**
Height: **Tall**
Maturity Group: **0.8**



As a generational farmer, the need for reliable information, that has stood the test of time, is invaluable. NDCISA started many years ago as a nonprofit organization. Its goal has always been to provide farmers with high-quality seed. Through the years it has expanded to where they have many dedicated employees, who are finding many new varieties of seed. Their work is not only within our state of North Dakota, but beyond our state's borders. Farming is a unique opportunity to build not only a business, but a family legacy, which is why we need continuing seed development and crop improvement.

BLANE NITSCHKE: LAMOURE COUNTY SEED PRODUCER

NDSU DRYLAND SOYBEAN VARIETY TRIAL | LOCATION: CREC, CARINGTON, ND

BRAND	VARIETY	TRAIT	MATURITY GROUP	PLANT HEIGHT	LODGING	TEST WEIGHT	2022	3-YR. AVG.
				INCHES	0-9	LB/BU		
NDSU	ND21008GT20	GT	00.8	28.6	1.3	57.5	53.1	42.2
NDSU	ND17009GT	GT	00.9	28.3	1.5	58.8	48.6	40.9
NK SEEDS	NK02-T4E3	E3	0.2	25.2	0.8	57.2	53.9	--
INTEGRA	70212	RR2XF	0.2	37.4	1.8	57.3	56.7	--
PROSEED	EL30-33	E3	0.3	28.3	1.5	57.1	56.4	--
STINE SEED	08EC32	E3	0.7	28.2	2.5	58.3	54.2	--
CHAMPION SEED	0743XL	RR2XF	0.7	27.9	2.0	58.1	56.3	--
LG SEEDS	LGS0701XF	RR2XF	0.7	31.7	1.5	57.8	54.3	--
DAIRYLAND SEED	DSR-0757E	E3	0.7	27.2	0.8	57.9	50.5	--
LEGACY SEEDS	LS092-22E	E3	0.8	26.4	1.3	57.9	60.0	--
NDSU	ND2108GT73	GT	0.8	29.3	0.8	58.0	61.8	48.9
TRIAL MEAN	--	--	--	29.0	1.4	57.8	55.1	--
C.V. (%)	--	--	--	9.7	60.5	0.5	11.8	--

PLANTING DATE = MAY 26; HARVEST DATE = SEPTEMBER 27; PREVIOUS CROP = SPRING WHEAT

NOTES

LEARN MORE ABOUT OUR VARIETIES

CONTACT YOUR LOCAL DEALER OR SCAN THE QR CODE TO
FIND A DEALER NEAR YOU. ndcropimprovement.com



BECOME A MEMBER

NDCISA encourages anyone interested in the certified seed industry to become a member. NDCISA's mission is to access the latest in cutting edge genetics best suited for your farm while actively supporting public breeding programs in the region with financial support. Your membership will allow access to new varieties, various advertising items to sell your seed, quarterly newsletters and reports generated for our members.

MEMBERSHIP

For more information about the organization and how to become a member visit our website at ndcropimprovement.com.



REGIONAL SEED DEALERS

COUNTY	NAME, CITY	PHONE #	CLASS
BARLEY			
ABI CARDINAL			
Benson	BK Seeds Inc, Maddock	701-438-2701	C
Benson	Herman Seed, Brinsmade	701-739-8332	C
Cass	Buchholz Seed Farm, Durbin	701-730-2230	R & C
Cass	NDCISA - ASF, West Fargo	701-893-6069	R
Cavalier	Beck Bros Seed, Munich	701-370-8977	C
Cavalier	Dicks` Seed LLC, Munich	701-682-5151	C
Cavalier	Ottem, Tony, Osnabrock	701-370-8769	R
Kidder	DeKrey, Tim, Steele	701-391-9745	C
Mercer	Miller, Ryan and Nicholas, Hazen	701-891-2043	C
Nelson	Stein, Charles, McVille	701-351-3643	R & C
Pembina	Emerson Farms LLC, Pembina	701-520-9841	R

Pembina	Midway Seed LLC, Cavalier	701-265-4224	C
Ramsey	Schmid, Kenny, Devils Lake	701-740-8385	R
Renville	Knutson, Brian/Matthew, Sherwood	701-459-2276	R
Stark	Binstock, Justin, Dickinson	701-290-6807	C
Stark	Ehlis Farms, Dickinson	701-579-4968	C
Walsh	Berntson, Andy, Adams	701-331-1450	C
Ward	Whillock, Dusty, Kenmare	701-389-2364	R

CDC FRASER

Benson	Foss, Scott, Maddock	701-438-2428	C
Benson	Herman Seed, Brinsmade	701-739-8332	R & C
Cass	NDCISA - CREC, West Fargo	701-838-6213	F
Eddy	Seastrand, Mark, Sheyenne	701-720-8324	R
Nelson	Stein, Charles, McVile	701-351-3643	R
Trall	Mueller Farms, Hillsboro	701-799-3032	C

CDC MAVERICK

Divide	Carter, Byron N, Fortuna	701-834-2226	C
McKenzie	Wisness Ag Seed Service, Arnegard	701-770-1927	R

ND TREASURE

Barnes	Broten Farms, Dazey	701-840-8082	R
Benson	Herman Seed, Brinsmade	701-739-8332	R
Cass	Agronomy Seed Farm, Casselton	701-347-4743	F
Cavalier	Dicks` Seed LLC, Munich	701-682-5151	R
Cavalier	Langdon Research Ext Center, Langdon	701-256-2582	F
Cavalier	Zimmer, Steve, Munich	701-373-1871	R
Eddy	Seastrand, Mark, Sheyenne	701-720-8324	R
Foster	Carrington Res/Ext Center, Carrington	701-652-2951	F
Nelson	Steffan, John & David, Michigan	701-259-2373	R
Ramsey	Grohs, Justin, Lawton	701-741-2085	R
Towner	Halley, Jeremiah, Bisbee	701-261-0714	R
Towner	Lagein Seed Farms, Rock Lake	701-266-5357	R
Walsh	Berntson, Andy, Adams	701-331-1450	R
Ward	Zablotney, Travis, Minot	701-721-2188	R
Wells	Bollingberg, Kurt, Cathay	701-984-2486	R
Williams	Mortenson Farm Partners, Williston	701-770-0942	R
Williams	Pederson, Jeremy, Ray	701-441-9543	R
Williams	Wheeler, Thomas, Ray	701-568-3204	R
Williams	Williston Research Ext Center, Williston	701-774-4315	F

TRADITION

Barnes	Broten Farms, Dazey	701-840-8082	C
Barnes	Muncy, Bruce, Dazey	701-840-2110	C
Benson	Biby, Steve, Churchs Ferry	701-351-1304	R & C
Benson	Herman Seed, Brinsmade	701-739-8332	C
Cass	Lockhart Elevator Company, Grandin	701-484-5537	C
Cass	NDCISA - ASF, West Fargo	701-893-6069	F
Cavalier	Monson, David, Osnabrock	701-496-3394	R
Cavalier	Ottem, Tony, Osnabrock	701-370-8769	R
LaMoure	Wald, David, Edgeley	701-493-2385	C
Nelson	Ellingson, Terry A, Dahlen	701-384-6225	C

Ramsey	Johnson, Allen, Devils Lake	701-662-8284	C
Ramsey	Webster Farms (Kallen, Evan), Penn	701-393-4328	C
Stutsman	Greshik, Matthew, Jamestown	701-320-5622	C
Towner	Lagein Seed Farms, Rock Lake	701-266-5357	R & C
Walsh	Berntson, Andy, Adams	701-331-1450	C
Walsh	Matejcek, Kent & Kevin, Brocket	701-259-2273	R & C
Walsh	Weinlaeder Seed Co, Drayton	701-454-6427	R

CHICKPEA

ND CROWN

Williams	Williston Research Ext Center, Williston	701-774-4315	F
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FIELD PEA

AAC JULIUS

Cass	NDCISA - CREC, West Fargo	701-838-6213	F
Cass	NDCISA - WREC, West Fargo	701-838-6213	F
LaMoure	B & B Seed Farms, Jud	701-685-2263	R
Mountrail	C & C Farms LLP (Troy Coons), Donnybrook	701-482-7865	R
Mountrail	Great Northern Ag, Plaza	701-497-3082	F
Renville	Knutson, Brian/Matthew, Sherwood	701-459-2276	R
Ward	Miller Golden Acres Inc (Doug), Kenmare	701-721-1107	R

CAPHORN (DL 1814)

Cass	NDCISA - CREC, West Fargo	701-838-6213	F
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ND DAWN

Renville	Knutson, Brian/Matthew, Sherwood	701-459-2276	R & C
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ND VICTORY

Cass	Agronomy Seed Farm, Casselton	701-347-4743	F
Foster	Carrington Res/Ext Center, Carrington	701-652-2951	F
Ward	North Central Res/Ext Center, Minot	701-857-7677	F
Williams	Williston Research Ext Center, Williston	701-774-4315	F

DURUM

AAC SPITFIRE

McKenzie	Signalness Farms (Larry or Jason), Watford City	701-675-2329	C
Williams	Pederson, Jeremy, Ray	701-441-9543	C

AAC STRONGHOLD

Cass	NDCISA - WREC, West Fargo	701-838-6213	F
Divide	Anderson Seed and Grain LLC, Minot	701-340-2263	C
Divide	Norby, Carlyle M, Grenora	701-694-4411	R
Golden Valley	Zook, Michael, Beach	701-872-6109	C
McKenzie	Signalness Farms (Larry or Jason), Watford City	701-675-2329	C
McKenzie	Wahlstrom, Cameron, Alexander	701-770-6631	C
Ward	Birdsall Grain & Seed LLC, Berthold	701-453-3300	C
Ward	Knudsvig, Mark, Berthold	701-340-9877	R
Williams	Knox, Donald, Ray	701-570-2390	C
Williams	Mahlen, Luke, Williston	701-570-4790	C
Williams	Miller, Charles, Williston	701-570-1706	C

CDC DEFY

McKenzie	Dahl, Nevin, Watford City	701-842-3907	R
McKenzie	Signalness Farms (Larry or Jason), Watford City	701-675-2329	R
McKenzie	Wisness Ag Seed Service, Arnegard	701-770-1927	R
Mountrail	C & C Farms LLP (Troy Coons), Donnybrook	701-482-7865	C
Renville	Knutson, Brian/Matthew, Sherwood	701-459-2276	C
Williams	Knox, Donald, Ray	701-570-2390	R

ND RIVELAND

Benson	Herman Seed, Brinsmade	701-739-8332	C
Cass	Cass Clay Farms 15 - Mapleton, Hazelton	605-848-2632	R
Cavalier	Beck Bros Seed, Munich	701-370-8977	C
Foster	Carrington Res/Ext Center, Carrington	701-652-2951	F
McIntosh	Werth Seed Farm, Lehr	701-320-6976	C
McKenzie	Arnegard, Cameron, Arnegard	701-586-3542	R
McKenzie	Dwyer (Dan & Mike), Arnegard	701-400-4424	C
Renville	Knutson, Brian/Matthew, Sherwood	701-459-2276	C
Ward	North Central Res/Ext Center, Minot	701-857-7677	F
Ward	Vangsness, Stanley, Berthold	701-468-5520	R & C
Wells	Agronomy Solutions dba Hefty Seed, Hurdsfield	701-962-3343	R
Williams	Williston Research Ext Center, Williston	701-774-4315	F

ND STANLEY

Benson	Herman Seed, Brinsmade	701-739-8332	R
Cavalier	Beck Bros Seed, Munich	701-370-8977	R
Divide	Rockin J Grain & Cattle LLC, Noonan	701-925-5630	R
Divide	Tre Farms, Wildrose	701-539-2338	R
Foster	Carrington Res/Ext Center, Carrington	701-652-2951	F
Golden Valley	Hardy, Don K, Beach	701-872-4353	R
Golden Valley	Zook, Michael, Beach	701-872-6109	R
LaMoure	B & B Seed Farms, Jud	701-685-2263	R
Mountrail	C & C Farms LLP (Troy Coons), Donnybrook	701-482-7865	R
Renville	Gates Farm, Mohall	701-240-0500	R
Slope	Lorge, Farrell, Amidon	701-879-6316	R
Slope	Nielsen, Stuart D, New England	701-579-4239	R
Towner	Mickelson, Tim, Rolla	701-477-2203	R
Ward	Birdsall Grain & Seed LLC, Berthold	701-453-3300	R
Ward	Genesis Seed Solutions LLC, Berthold	701-453-3687	R
Ward	North Central Res/Ext Center, Minot	701-857-7677	F
Ward	Vangsness, Stanley, Berthold	701-468-5520	R
Ward	Zablotney, Travis, Minot	701-721-2188	R
Ward	Zaderaka Enterprises Inc, Minot	701-721-6832	R
Williams	Anderson, Beau, Williston	701-875-2328	R
Williams	Anfinson, David, Williston	701-572-6497	R
Williams	Graupe, Jeff, Williston	701-774-0093	R
Williams	Knox, Donald, Ray	701-570-2390	R

FLAX

AAC BRIGHT

Cass	NDCISA - CREC, West Fargo	701-838-6213	F
McIntosh	Werth Seed Farm, Lehr	701-320-6976	C

CDC ROWLAND

Cass	NDCISA - CREC, West Fargo	701-838-6213	F
Cass	NDCISA - WREC, West Fargo	701-838-6213	F
Divide	Anderson Seed and Grain LLC, Minot	701-340-2263	C
McKenzie	Wahlstrom, Cameron, Alexander	701-770-6631	C
Mountrail	C & C Farms LLP (Troy Coons), Donnybrook	701-482-7865	C
Pembina	Schluchter, Kent W, Cavalier	701-265-8879	R
Renville	Knutson, Brian/Matthew, Sherwood	701-459-2276	C
Stark	Bobb, Jim, Taylor	701-974-3439	R
Ward	Birdsall Grain & Seed LLC, Berthold	701-453-3300	C
Ward	Whillock, Dusty, Kenmare	701-389-2364	R
Williams	Knox, Donald, Ray	701-570-2390	C
Williams	Mahlen, Luke, Williston	701-570-4790	C
Williams	Schmidt, Mark W, Tioga	701-641-8989	C

LENTIL

AVONDALE

Cass	NDCISA - WREC, West Fargo	701-838-6213	F
Divide	Anderson Seed and Grain LLC, Minot	701-340-2263	C
McLean	Johnson, Dwight, Roseglen	701-743-4230	C

OATS

AAC DOUGLAS

Bottineau	Skarphol, Jeff, Souris	701-263-5191	C
Cass	NDCISA - WREC, West Fargo	701-838-6213	F
LaMoure	B & B Seed Farms, Jud	701-685-2263	C
Mountrail	C & C Farms LLP (Troy Coons), Donnybrook	701-482-7865	C
Mountrail	Kok Farms LLP, Plaza	701-497-3082	C
Walsh	Matejcek, Kent & Kevin, Brouck	701-259-2273	C

CDC HAYMAKER

Cass	NDCISA - WREC, West Fargo	701-838-6213	F
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ND CARSON

Barnes	Albrecht Farms, Wimbledon	701-435-2245	R
Divide	Rockin J Grain & Cattle LLC, Noonan	701-925-5630	R
Divide	Tangedal, Doug, Westby	406-385-7366	R
Pembina	Wagner, William, Neche	701-520-2513	R
Ward	North Central Res/Ext Center, Minot	701-857-7677	F
Williams	Anderson, Beau, Williston	701-875-2328	R

ND SPILDE

Pembina	Wagner, William, Neche	701-520-2513	R
Ward	North Central Res/Ext Center, Minot	701-857-7677	F
Wells	Schafer, Jeff, New Rockford	701-947-2568	R
Williams	Anfinson, David, Williston	701-572-6497	R
Williams	Wheeler, Thomas, Ray	701-568-3204	R

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McKenzie	Wisness Ag Seed Service, Arnegard	701-770-1927	C
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SOURIS

Ward	North Central Res/Ext Center, Minot	701-857-7677	F
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WINTER RYE

ND DYLAN

Cavalier	Monson, David, Osnabrock	701-496-3394	R
Grand Forks	Sproule Farms, Grand Forks	701-780-9616	R & C
Stark	Hewson, Odis, Buffalo	605-375-3169	C
Wells	Jones Bros, Bowdon	701-962-3741	R

ND GARDNER

Stark	Hewson, Odis, Buffalo	605-375-3169	R
Walsh	Bina, Cameron, Lankin	701-593-6329	C

SOYBEANS

ND DICKEY

Cass	Buchholz Seed Farm, Durbin	701-730-2230	C
Foster	Carrington Res/Ext Center, Carrington	701-652-2951	F
LaMoure	Ketterling, Casey, Marion	701-367-7796	R

ND ROLETTE

Foster	Carrington Res/Ext Center, Carrington	701-652-2951	F
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ND STUTSMAN

Foster	Carrington Res/Ext Center, Carrington	701-652-2951	F
LaMoure	B & B Seed Farms, Jud	701-685-2263	C
LaMoure	Ketterling, Casey, Marion	701-367-7796	R
Traill	Scholl, Harley, Grandin	701-860-6470	R

ND17009GT

Cass	Agronomy Seed Farm, Casselton	701-347-4743	F
Cavalier	Langdon Research Ext Center, Langdon	701-256-2582	F
Ward	North Central Res/Ext Center, Minot	701-857-7677	F
Ward	Staflslien, Tyler, Ryder	701-426-4028	R

ND21008GT20

Cass	Agronomy Seed Farm, Casselton	701-347-4743	F
Cavalier	Langdon Research Ext Center, Langdon	701-256-2582	F
Divide	Tre Farms, Wildrose	701-539-2338	R
Foster	Carrington Res/Ext Center, Carrington	701-652-2951	F
Hettinger	Kouba, Jess, Regent	701-563-4543	R
Mountrail	C & C Farms LLP (Troy Coons), Donnybrook	701-482-7865	C
Pierce	Ostrem, Mark, Rugby	701-776-2878	R
Ward	North Central Res/Ext Center, Minot	701-857-7677	F

ND2108GT73

Cass	Agronomy Seed Farm, Casselton	701-347-4743	F
Foster	Carrington Res/Ext Center, Carrington	701-652-2951	F

HARD RED SPRING WHEAT

AAC STARBUCK

Divide	Anderson Seed and Grain LLC, Minot	701-340-2263	R
Nelson	Stein, Charles, McVillie	701-351-3643	F

Ward	Miller Golden Acres Inc (Doug), Kenmare	701-721-1107	F
Ward	Novak, Lee, Minot	701-722-3516	C
Williams	Enander, Johannes, Grenora	701-702-2004	C
Williams	Pederson, Jeremy, Ray	701-441-9543	C

ND FROHBERG

Burleigh	Schatz, John B, Bismarck	701-320-7024	C
Hettinger	Doe, Bryan, Regent	701-563-4333	C
McLean	Tweeten Seed Farm, Washburn	701-315-0112	R & C
Nelson	Steffan, John & David, Michigan	701-259-2373	C

ND HERON

Bowman	Lutes, Jeff, Bowman	701-523-3803	R
Cavalier	Ames, Steven, Munich	701-682-5586	R
Divide	Anderson Seed and Grain LLC, Minot	701-340-2263	R
Hettinger	Kouba, Carson, Regent	701-563-4412	R
McKenzie	Wisness Ag Seed Service, Arnegard	701-770-1927	R
Morton	Bahm, James R, New Salem	701-843-8212	R
Slope	Lorge, Farrell, Amidon	701-879-6316	R
Slope	Nielsen, Stuart D, New England	701-579-4239	R
Towner	Mickelson, Tim, Rolla	701-477-2203	R
Ward	Birdsall Grain & Seed LLC, Berthold	701-453-3300	R
Ward	Finken Farms & Seeds, LLP, Douglas	701-529-4421	R
Williams	Davidson, Ryan, Tioga	701-664-2228	R
Williams	Halverson, TJ, Tioga	701-641-6631	R
Williams	Mortenson Farm Partners, Williston	701-770-0942	R
Williams	Pederson, Jeremy, Ray	701-441-9543	R
Williams	Williston Research Ext Center, Williston	701-774-4315	F

ND THRESHER

Cass	Agronomy Seed Farm, Casselton	701-347-4743	F
Cavalier	Langdon Research Ext Center, Langdon	701-256-2582	F
Foster	Carrington Res/Ext Center, Carrington	701-652-2951	F

ND VITPRO

Foster	Carrington Res/Ext Center, Carrington	701-652-2951	F
Wells	Klindworth, Gerald, Fessenden	701-547-3734	C

HARD RED WINTER WHEAT

AAC GOLDRUSH

Cass	NDCISA - WREC, West Fargo	701-838-6213	F
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ND ALLISON

Cass	NDSU Foundation Seedstocks, Fargo	701-231-8140	F
Williams	Williston Research Ext Center, Williston	701-774-4315	F

ND NOREEN

Cass	Agronomy Seed Farm, Casselton	701-347-4743	F
Eddy	Seastrand, Mark, Sheyenne	701-720-8324	R
Golden Valley	Hardy, Don K, Beach	701-872-4353	R
Grand Forks	Monson, Jerad, Hatton	701-213-7462	R
Pembina	Schluchter, Kent W, Cavalier	701-265-8879	C
Richland	Kluge, David, Hankinson	701-242-7122	R
Sargent	Zetocha, Roger, Stirum	701-678-2568	R



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