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2005

## 2005 Spring Seed Book

Nebraska Crop Improvement Association

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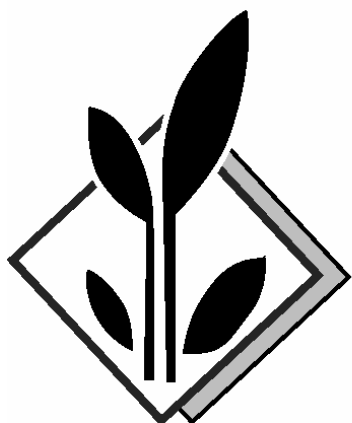


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N E B R A S K A  
**CROP IMPROVEMENT**  
A S S O C I A T I O N

267 Plant Science Hall  
Lincoln, Nebraska 68583-0911  
402-472-1444 or 888-346-6242  
FAX: 402- 472-8652  
<http://www.unl.edu/ncia>

## 2005 SPRING SEED BOOK

The Nebraska Crop Improvement Association is dedicated to enhancing the economic viability and well-being of the people of Nebraska and the world, through value-added products and processes.

We will achieve this goal through an organizational structure which attracts the finest people, fully develops and challenges individual talents, encourages industry-wide collaboration to advance agriculture, and maintains the Association's historic principles of integrity.

### OFFICERS

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**The purpose of this directory is to provide crop producers, decision makers, and the seed industry with a reference to seed sources in Nebraska.**

This seed book includes those members whose fields were planted with eligible seed stocks and whose applications for field inspection were received by the publication date. Inquiries about seed supplies and prices should be directed to the growers and/or seed enterprises listed, not to the Nebraska Crop Improvement Association.

## **1. Certified Quality Seeds**

In no case is the seed listed in this seed book yet **CERTIFIED**, for it must be conditioned, tested in the laboratory, and labeled with the official certification tag or bulk sale certificate before it can be offered for sale as Certified Quality Seed.

Seed producers, conditioners, and distributors voluntarily use the seed certification process to assure their customers that extra care has been taken to provide them with pure seed of the correctly identified variety. The **CERTIFIED SEED** label identifies seed meeting quality requirements and assures the buyer of obtaining reliable performance of the variety named on the label.

Each member is responsible for handling certifiable seed so it will also meet the Nebraska Certification Standards for physical purity and germination. The Nebraska Seed Law requires EACH container of seed be labeled as to its origin, the germination percentage and date of test, the percentage by weight of pure seed, other crop seed, weed seed, and inert matter. By studying both the **CERTIFIED LABEL**, a buyer can determine the quality of the seed. If Certified seed is purchased in the bulk, each sale is accompanied by an official Retail Bulk Sale Certificate, which includes the same information as a label.

Orders for Certified seed may be accepted by the listed growers, approved conditioners, and authorized distributors only with the understanding that they will be filled if and when **ALL** the certification requirements are completed.

## **2. Quality Assured Seeds**

The purpose of the NCIA's seed Quality Assurance (QA) program is to provide an unbiased and uniform quality control process and marketing tool for crop seeds grown in Nebraska and merchandised as branded products as permitted by applicable seed laws.

Seed enterprises voluntarily participate and will customize the process to meet their individual needs by using some or all of the services including field inspection, seed analysis, record-keeping, and labeling. In order for a producer to label seed with the QA logo, all steps in the program must be completed satisfactorily, meeting the same goals and standards as Certified seed.

### **Notice to Buyer: *Exclusion of Warranties and Limitations of Damages***

Seed bearing authorized Nebraska Certified Quality labels has met the minimum requirements outlined in the current edition of the *Nebraska Seed Certification Standards*.

The seed certification process relies upon samples and records provided by members/applicants which are beyond the control of the certifying agency.

Therefore, the Nebraska Crop Improvement Association *makes no warranties, expressed or implied, including warranty of merchantability, or fitness for a particular purpose concerning certified seed and hereby expressly disclaims the same.*

In no event shall the Nebraska Crop Improvement Association be responsible for *damages, actual, incidental, or consequential*, regarding certified seed provided by applicants/members and/or vendors.

However, complaints addressed to the Secretary of the Nebraska Crop Improvement Association will be investigated.

# FOUNDATION SEED

The Nebraska Foundation Seed Division has available the following varieties for the purpose of seed certification.

<b>Alfalfa</b>	Wrangler				
<b>Beans - Edible</b>	Chase Pinto	Weihing GN			
<b>Millet - Proso</b>	Dawn	Earlybird	Horizon	Huntsman	Sunrise
<b>Millet - Foxtail</b>	Golden German	White Wonder			
<b>Oats - Spring</b>	Don Jerry	Ogle	Riser	Rodeo	
<b>Soybeans</b>	NE3399	Licensed Varieties Available			
<b>Triticale</b>	Licensed Varieties Available				
<b>Wheat - HRW</b>	Alliance Arapahoe Buckskin	Goodstreak Harry Karl 92	Millennium Pronghorn Scout 66	Wahoo Wesley 2137	Licensed Varieties Available
<b>Wheat - HWW</b>	Antelope	Arrowsmith			
<b>Grasses - Cool Season</b>	Manska pubescent wheatgrass	Licensed Varieties Available			
<b>Grasses - Warm Season</b>	Pawnee big bluestem Camper little bluestem Trailblazer switchgrass		Trailway sideoats grama Shawnee switchgrass		

All inquiries about supplies of Foundation seed should be addressed to:

**Foundation Seed Division  
1071 CR G RM C  
Ithaca, NE 68033  
402-624-8020**

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## PLANT VARIETY PROTECTION ACT AND HOW IT BENEFITS YOU!



- ! Any varieties listed in this publication under the Plant Variety Protection Act will be marked with the logo and further information will be given in the variety description.
- ! It takes up to ten years to develop a new variety. PVP encourages plant breeding research to produce even better varieties for tomorrow. Without PVP, plant breeders could not afford to invest capital into new varieties and would not be interested in breeding improved varieties.
- ! Most protected varieties can only be sold as certified quality seed. This helps ensure that the seed buyer gets the variety exactly as the breeder intended it to be.
- ! The use of certified quality, genetically pure seed allows the complementary varieties you've chosen to make the most of the growing environment. After all, if the seed is less than the best, the crop will be, too.
- ! The Department of Agriculture is responsible for enforcement of Plant Variety Protection violations in Nebraska. Private seed companies are authorized to take appropriate legal action. Contact the Department of Agriculture (402-471-2394) for more information about your rights and responsibilities with PVP varieties.

# PERENNIAL FORAGE GRASSES

**Big Bluestem** is a native warm-season, sod-forming grass which grows rapidly from mid-spring to early fall. Plants are tall (6+ ft) and robust. It is highly palatable even after maturity and is a high producer of nutritious forage and hay. Big bluestem is adapted statewide for range seedling on subirrigated sites and for irrigated pasture in mixed or pure stands. In eastern Nebraska, it is adapted on silty and clay sites.

**CHAMP** - Champ is a synthetic variety developed from divergent types of big bluestem and sand bluestem by Nebraska in cooperation with the USDA-ARS. It is a moderately late maturing grass averaging 5 to 10 days earlier than Pawnee. It is better adapted for use on sandy sites than other big bluestem varieties.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Custer	Arrow Seed Company	Broken Bow	308-872-6826		35

**KAW** - Kaw was selected by Kansas from native Flint Hills ecotypes. It is a very late maturing grass about a week later than Pawnee. It is best adapted for forage and conservation uses in southern Nebraska and adjacent areas.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cass	Stock Seed Farm	Murdock	402-867-3771		22
Lancaster	Miller Seed Company	Lincoln	402-438-1232	6	

**PAWNEE** - Pawnee is a synthetic variety developed from accessions collected in Pawnee county by Nebraska in cooperation with the USDA-ARS. It is a late maturing grass and heads in late July to early August. It is a widely adapted, typical big bluestem of the central prairies.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cass	Harvey R. Mills	Murdock	402-867-2956		14
	Stock Seed Farm	Murdock	402-867-3771		30
Custer	Arrow Seed Company	Broken Bow	308-872-6826		23
Lancaster	Miller Seed Company	Lincoln	402-438-1232		6

**ROUNTREE** - Rountree was selected by the Soil Conservation Service in cooperation with Missouri from native ecotypes collected in west central Iowa. It is about the same maturity as Pawnee. It is widely adapted and was selected for increased growth rate, superior forage production, and improved standability.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cass	Stock Seed Farm	Murdock	402-867-3771		15
Lancaster	Miller Seed Company	Lincoln	402-438-1232		10

**Little Bluestem** is a native, warm-season bunchgrass which grows rapidly from mid June to early August. Plants are medium height (3+ feet) and well tillered. It has good forage value when leaves are tender and succulent, but palatability is only moderate for fall grazing. Little bluestem is adapted statewide for use in warm-season mixtures and pure stands on most soils and sites. It is not as drought tolerant as blue grama.

**ALDOUS** - Aldous was selected by the Soil Conservation Service in cooperation with Kansas from native Flint Hills ecotypes. It is a very late maturing grass up to a week later than Camper. Plants are taller than other adapted varieties with good vigor.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cass	Harvey R. Mills	Murdock	402-867-2956		5
	Stock Seed Farm	Murdock	402-867-3771	26	

**BLAZE** - Blaze is a synthetic variety developed from ecotypes collected in Nebraska and Kansas. It is a late maturing grass, intermediate to Camper and Aldous. It is leafy, vigorous, and well adapted to the eastern half of Nebraska and adjacent areas.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cass	Harvey R. Mills	Murdock	402-867-2956		7
	Stock Seed Farm	Murdock	402-867-3771		28
Lancaster	Miller Seed Company	Lincoln	402-438-1232		10

**CAMPER** - Camper is a synthetic variety produced by crossing two unrelated strains developed from original prairie sources by the USDA-ARS and Nebraska. It is a moderately late maturing grass, similar in maturity to Pawnee big bluestem. The combination of earlier maturity and diverse parentage provides wide adaptation.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cass	Harvey R. Mills	Murdock	402-867-2956		30
	Stock Seed Farm	Murdock	402-867-3771		118
Custer	Arrow Seed Company	Broken Bow	308-872-6826		50
Lancaster	Miller Seed Company	Lincoln	402-438-1232		13

**Sand Bluestem** is a native warm-season, sod-forming grass which is highly palatable and has good forage value throughout the year. Plants are tall (6+ feet) and robust. It is adapted throughout Nebraska for sand and loamy range sites and has a long growing season similar to big bluestem. It has very good grazing tolerance.

**GARDEN COUNTY** - Garden County is a vigorous, tall, leafy composite variety of ecotypes collected in Garden county, Nebraska, and selected by the Soil Conservation Service. It is well adapted to the northern and central Great Plains.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Custer	Arrow Seed Company	Broken Bow	308-872-6826		18

**GOLDSTRIKE** - Goldstrike is a synthetic variety developed through crossing western Nebraska Sandhills ecotypes with related strains by the USDA-ARS and Nebraska. It is a moderately late maturing grass and is well adapted throughout the central Great Plains.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cass	Stock Seed Farm	Murdock	402-867-3711		4
Custer	Arrow Seed Company	Broken Bow	308-872-6826		48

**Meadow Bromegrass** is an introduced cool-season, sod-forming grass which produces abundant forage in the spring and late summer for hay and pasture. It is very palatable until mature. It is widely adapted to eastern and central Nebraska and responds to intensive management practices. It is an early maturing grass and has moderate tolerance to drought and grazing.

**REGAR** - Regar meadow bromegrass was released by the USDA Soil Conservation Service, Plant Materials Center, Aberdeen, Idaho in 1966. It was derived from an introduction PI 172390 from Kars province, Turkey. Clones were selected and their seed was increased. Regar remains greener in the fall compared to smooth bromegrass. Regar is slower to establish and is less tolerant of spring flooding than smooth bromegrass.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Custer	Arrow Seed Company	Broken Bow	308-872-6826	35	

**Smooth Brome** is an introduced cool-season, sod-forming grass which produces abundant forage in the spring and late summer for hay and pasture. It is very palatable until mature and is widely adapted to eastern and central Nebraska and responds to intensive management practices. It is an early maturing grass and has moderate tolerance to drought and grazing.

**LINCOLN** - Lincoln was developed by Nebraska and the USDA-ARS from selections made in long established fields derived from seed of Hungarian origin. It has good seedling vigor and high forage yield under favorable conditions. It is easily established on critical planting sites.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Knox	Condon Farms Inc.	Creighton	402-358-3506		121

**Blue Grama** is a major warm-season grass found throughout the Great Plains. Plants are fairly short, reaching 10 to 20 inches with narrow basal leaves of 3 to 6 inches. Blue Grama grows in definite bunches and reproduces by tillering and by seed. It grows on a wide range of soils and is well adapted to clayey, rolling, and upland soils. Blue grama demonstrated good drought, fair salinity, and moderate alkalinity tolerance. Forage value is considered good to excellent.

**BAD RIVER** - Bad River Ecotype is a selection from a native collection harvested in 1988 from the floodplains of the Bad River near Philip in Central South Dakota. USDA/NRCS in addition to the North Dakota Ag Experiment Station, South Dakota Ag Experiment Station and the North Dakota Association of Conservation Districts cooperated in the source identified release in 1995 by the Plant Material Center, Bismark, ND. Plants range in height from 10-25 inches tall, and the seed head resembles a human eyebrow. The plant is a native, perennial, warm season bunchgrass. Leaves are mostly basal and curling. Leaf ligules are hairy. The area of adaptation is the Dakotas, the surrounding states, and the southern bordering provinces of Canada.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Custer	Arrow Seed Company	Broken Bow	308-872-6826		15

**Sideoats Grama** is a native warm-season, mildly sod-forming grass which grows rapidly in late spring and may stay green into late summer. Plants are medium height (3+ feet) and well tillered. Forage value and hay quality are good but low in yield. Drought tolerance is good. Sideoats grama is well adapted for use in native grass mixtures throughout Nebraska.

**BUTTE** - Butte is a variety selected by the USDA-ARS and Nebraska for superior seedling vigor and establishment from native Nebraska ecotypes. It is a medium (mid-summer) maturity grass, somewhat earlier than Trailway. It is widely adapted, especially for those areas with relatively short growing seasons.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cass	Harvey R. Mills	Murdock	402-867-2956	5	39
	Stock Seed Farm	Murdock	402-867-3771	21	7
Custer	Arrow Seed Company	Broken Bow	308-872-6826	15	8
Saunders	Kubik Seed Sales	Prague	402-663-4379	2	

**EL RENO** - El Reno is a variety selected by the Soil Conservation Service and Kansas from native Oklahoma ecotypes. It is a moderately late maturity grass somewhat later than Trailway. It was selected for leafiness, forage production, and vigor.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cass	Harvey R. Mills	Murdock	402-867-2956	15	
	Stock Seed Farm	Murdock	402-867-3771	15	

**TRAILWAY** - Trailway was selected from a naturally occurring hybrid population collected in Holt county by the USDA-ARS and Nebraska. It is well adapted to fine-textured upland soils of the central Great Plains but comparable in growth type to varieties originating farther south. It is a moderately late maturing grass.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cass	Stock Seed Farm	Murdock	402-867-3771	30	
Custer	Arrow Seed Company	Broken Bow	308-872-6826	10	3

**Indiangrass** is a native warm-season, sod-forming species which provides palatable forage and hay throughout the summer, nearly equal to big bluestem in quality. Plants are tall (6+ feet) and robust. It is well adapted throughout Nebraska for most soils and sites, for use in range or pasture seedings in pure stands, and in mixtures with other tall warm-season grasses.

**HOLT** - Holt was selected from native ecotypes collected in Holt county by the USDA-ARS and Nebraska. It is a moderately late maturing grass, somewhat earlier than most indiangrass varieties. It has superior forage production for its maturity.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cass	Stock Seed Farm	Murdock	402-867-3771		18
Custer	Arrow Seed Company	Broken Bow	308-872-6826		35

**NEBRASKA 54** - Nebraska 54 was selected from native ecotypes collected in Jefferson county by Harold Hummel and released by Nebraska. It is a late maturing grass and is a few days earlier than Oto. Nebraska 54 is typical of central plains ecotypes.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cass	Stock Seed Farm	Murdock	402-867-3771		37
Lancaster	Miller Seed Company	Lincoln	402-438-1232		23

**Indian Ricegrass** is a native warm-season bunchgrass. It ranges in height from 13 to 24 inches depending on precipitation. Indian Ricegrass is most commonly found on coarse textured and sandy soils. This grass is highly palatable to all classes of livestock. It provides excellent early spring feed, cures exceptionally well, and is valued as a winter feed for livestock.

**NEZPAR** - Nezpar Indian Ricegrass was originally collected in 1935 from a site south of White Bird, Idaho, by the Pullman, Washington, Plant Material Center (PMC). It was selected from 152 accessions for its vegetative characteristics and low seed dormancy by the Aberdeen, Idaho, PMC and released in 1978. It is adapted to the Northwest and inter-mountain regions where precipitation averages 8 inches or above. It prefers gravely to loamy to sandy soils. It is noted for its large erect plant type, robust stems, abundant leaves, medium to small dark, nearly hairless elongated seeds, and good to excellent seedling vigor.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Scotts Bluff	Carl Thomas	Morrill	308-247-2096	16	

**Switchgrass** is a native warm-season, sod-forming grass which grows rapidly in late spring and early summer. On adapted sites, it has high yield of good quality hay and forage if cut or grazed early. On fall and winter range, palatability is low. Plants are moderately tall (5+ ft), very well tillered, and robust. It is well adapted for use throughout the Great Plains for conservation plantings or in warm-season pastures. Most cultivars are susceptible to stem rust. In some years forage quality and seed yield may be affected.



**Blackwell** - Blackwell is an early pasture switchgrass. It is also a good soil erosion control grass. It is proven to be outstanding in leafiness, in total forage produced, and in resistance to rust and other diseases. It ranks well in seed production and in seedling vigor. Its forage yield is very comparable to Neb 28.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Custer	Arrow Seed Company	Broken Bow	308-872-6826		13

**NEBRASKA 28** - Nebraska 28 was selected from a native meadow in Holt County and developed by Nebraska in cooperation with the USDA-ARS and Soil Conservation Service. It is a moderately late maturing grass about 2 weeks earlier than Pathfinder. It is well adapted to the northern Great Plains.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Custer	Arrow Seed Company	Broken Bow	308-872-6826		14
Lancaster	Miller Seed Company	Lincoln	402-438-1232		15
Morrill	Laux Seed Farm	Bridgeport	308-262-0512		9

**PATHFINDER** - Pathfinder is a synthetic variety developed by Nebraska and the USDA-ARS from native ecotypes collected in Nebraska and Kansas. It is a late maturing grass selected for plant vigor, leafiness, and superior forage performance.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Custer	Arrow Seed Company	Broken Bow	308-872-6826		17

**SHAWNEE** - Shawnee is a late maturing upland type developed by Nebraska and USDA-ARS. It was developed through a single cycle of restricted, stratified mass selection using the cultivar "Cave-in-Rock" as the base population. It was released for its improved forage quality in comparison to Cave-in-Rock and improved forage yield in comparison to Trailblazer. It was named after the Shawnee National Forest in Illinois near where the germplasm for the cultivar was originally collected. It is adapted to USDA Plant Hardiness Zones 5, 6, and 7.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Custer	Arrow Seed Company	Broken Bow	308-872-6826		5

**TRAILBLAZER** - Trailblazer is the result of a basic genetic study designed to improve the forage quality of switchgrass. It is a 25 clone synthetic variety similar to Pathfinder in maturity, appearance, and area of adaptation. It was developed by Nebraska and the USDA-ARS.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Custer	Arrow Seed Company	Broken Bow	308-872-6826		35
Saline	Ronald Vlasin	Crete	402-826-3422		25
Saunders	Kubik Seed Sales	Prague	402-663-4379		4

**Western Wheatgrass** is a native cool-season perennial, sod forming grass. It is a tenacious, dry range type of native grass which makes good spring grazing for several weeks before it becomes stemmy and unpalatable. Western wheatgrass is generally saline or alkaline tolerant. It does not do well on light soils but will tolerate periods of drought.

**ARRIBA** - Arriba is a fast germinating variety with good seedling establishment. It has dense, dark green, medium height foliage with aggressive rhizomes. Arriba was developed by the Plant Materials Center at Los Lunas, New Mexico, from a selection found near Arriba, Colorado.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Box Butte	Dan Laursen	Alliance	308-487-5541	18	

# TURFGRASSES

**Kentucky Bluegrass** is a long-lived, sod-forming, cool-season perennial grass which reproduces by seed and spreads vegetatively by rhizomes. It is widely used for medium to high maintenance turfgrass areas. It may be established by seed or sod. Kentucky bluegrass is most suited to fertile, well-drained, medium-textured soils. It prefers full sunlight but can stand partial shade. Kentucky bluegrass has a fibrous shallow root system and is susceptible to drought and high temperature stress. Wear tolerance is medium to good with good ability to recover. Without mowing, plants are moderately short to medium height (2-3 feet). Cultivars (varieties) may be grouped into "types" by the differences in texture, color, shoot density, growth habit, disease resistance, adaptation, and cultural requirements.

<sup>PVP</sup> **BLACKSTONE** - Blackstone is a very dark blue-green Kentucky bluegrass that is excellent for jump-starting seed blends and mixes after a long cold winter. This variety has very good resistance to stem and stripe rust, dollar spot, stripe smut, and grey snow mold. Blackstone has shown excellent summer performance in heat and humidity. U.S. Variety Protection Applied For (PVPA 1994). Certificate No. 9900084.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
	Turf-Seed Inc.	Hubbard, OR	503-651-2130		

<sup>PVP</sup> **Brilliant** - Brilliant is an American-type with outstanding turf quality and top-rated bluegrass drought and disease tolerance. It is a very uniform, upright dense turf with a bright, dark green color and performs well in a wide range of well-drained soils, pH range of 5.5 to 7.5. It tolerates mowing heights to 0.5" and is ideal for all bluegrass applications, including sod production and sports turf. U.S. Protected Variety (PVPA 1994). Certificate No. 9900350.?

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
	Turf-Seed Inc.	Hubbard, OR	503-651-2130		

<sup>PVP</sup> **UNIQUE** - Unique is an elite, compact type variety. It has a dark blue-green color and produces a dense turf with medium fine texture. Unique is similar to the cultivar "Midnight" for most characteristics. However, it is earlier heading and slightly shorter. It is similar to "Baron" for tolerance to cold, heat, drought, and shade. It has adequate resistance to most turf diseases. Seed of Unique is produced and marketed exclusively under the direction of the variety owner Turf Seed Inc. Unauthorized production and sale of seed is illegal. U.S. Protected Variety. Certificate No. 9200129.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
	Turf-Seed Inc.	Hubbard, OR	503-651-2130		

**Buffalograss** is a long-lived, sod-forming, native warm-season perennial grass which reproduces by seed and spreads vegetatively by stolons (runners). It is very suitable for use under low to medium maintenance as an ecologically sound and energy efficient turf. It may be established by seed, plugs, or sod. Even without mowing, plants are very short height (6-8 inches). Buffalograss begins growth in mid to late May and begins to go dormant with the first frost. It has a light green color and fine textured leaves. It grows best in full sunlight and is adapted to a wide range of soil types. Buffalograss has a higher resistance to drought stress than cool-season turfgrasses, because it has an extensive, deep root system and less leaf surface area.

<sup>PVP</sup> **NaTurf brand BOWIE** - Bowie is a widely adapted variety that exhibits quality vegetative characteristics. It has low growth habit and a medium green color similar to Texoka and Tatanka. Bowie has a coarse to medium leaf texture similar to Cody and its winter survival is equal to Texoka and Tatanka. It has shown good disease tolerance to leaf spot and dollar spot and has good tolerance to the Buffalograss mite. Bowie has excellent vigor and establishes quickly with excellent drought tolerance to resist going dormant under drought conditions. Bowie was developed through the cooperative efforts of the Native Turfgrass Group and the University of Nebraska. Seed of Bowie is produced and marketed exclusively under the direction of the Native

Turfgrass Group. Unauthorized production and sale of seed is illegal. U.S. Protected Variety U.S. Protected Variety (PVPA 1994). Certificate No. 200100201.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cass	Stock Seed Farm	Murdock	402-867-3771		
Custer	Arrow Seed Company	Broken Bow	308-872-6826		

<sup>PVP</sup> **NaTurf brand CODY** - Cody is a widely adapted, versatile turfgrass variety. It has low-growing plants which green up earlier in the spring and have a darker green color than most other buffalograss cultivars. It has a medium green color with excellent density and texture qualities. Once established and properly managed, Cody maintains a high quality turf throughout the summer. Excellent vigor and a good spread rate help it establish quickly. Cody was developed cooperatively by the members of the Native Turfgrass Group and the Nebraska Agricultural Research Division. Seed of Cody is produced and marketed exclusively under the direction of the Native Turfgrass Group. Unauthorized production and sale of seed is illegal. U.S. Protected Variety (PVPA 1994). Certificate No. 9600125.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cass	Stock Seed Farm	Murdock	402-867-3771		
Custer	Arrow Seed Company	Broken Bow	308-872-6826		

## NEBRASKA CERTIFIED LANDSCAPE QUALITY TURFGRASS SOD SOURCES

Nebraska Certified Quality Sod can be readily identified by the special Certificate of Quality and Composition attached to the buyer's invoice. This Certificate is issued by the Nebraska Crop Improvement Association (NCIA) for exclusive use on certified quality sod.

Nebraska Certified Quality Sod is planted with Sod Quality Certified seed of well adapted varieties, grown, and harvested using approved procedures. It is inspected regularly by NCIA to assure it meets high standards for varietal identity, freedom from objectionable weeds and grasses, plus other measurable quality factors affecting performance.

The following Nebraska sod producers are voluntarily using the sod certification process on selected fields in 2004 to assure their customers that extra care has been taken to provide a premium quality turfgrass sod.

### KENTUCKY BLUEGRASS BLENDS (Choice of Residential or Sports/Industrial Uses)

COUNTY	PRODUCER	TOWN	TELEPHONE	ACRES
Hall	Mettenbrink Farms	Grand Island	308-382-8828	50
Saunders	Todd Valley Farms	Mead	402-624-6385	30

### TURF-TYPE TALL FESCUE/KENTUCKY BLUEGRASS MIXTURES

COUNTY	PRODUCER	TOWN	TELEPHONE	ACRES
Saunders	Todd Valley Farms	Mead	402-624-6385	20

# SOYBEANS

To compare variety performance, see the current edition of Extension Circular 104, Nebraska Soybean Variety Tests which is available at all Nebraska Cooperative Extension Offices. It may also be accessed via the World Wide Web at <http://ianrwww.unl.edu/ianr/agronomy/varitest2.htm>. The most reliable comparisons are those based on average performance across multiple years and multiple locations.

**IA3021** – IA3021 is an early group III maturity soybean. It is large-seeded and high in protein. IA3021 matures one day earlier than IA2034. Averaged across years of testing, it has higher yield and comparable protein and seed size to other varieties.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Fillmore	Lauber Seed Farms LLC	Geneva	402-759-3102		66

**NE1900** - NE1900 is a late maturity group I indeterminate variety. In the 1997 and 1998 uniform regional test, NE 1900 was the highest yielding entry. NE1900 is 3 days earlier than IA2021 with similar plant height and slightly higher lodging score. It is susceptible to brown stem rot and phytophthora root rot.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Clay	Darrel Wehnes & Sons	Inland	402-772-8101		10

**NE3001** - NE3001 is an early maturity group III variety with determinate growth habit. The plant canopy is bushy and height is medium with excellent standability. NE3001 is well adapted to narrow row or drilled row culture and irrigated or dryland conditions. Higher planting rates are recommended when planted in 30 inch rows (225,000 viable seeds/acre).

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Kearney	Roberts Seed	Axtell	308-743-2565		16

**NE3399** - NE3399 is a mid maturity group III indeterminate variety maturing about 1 day later than Iroquois. Plant height, standability, and seed size are similar to Iroquois. NE3399 has excellent seedling emergence and good yield potential. Protein and oil are comparable to Iroquois. It was developed by the Nebraska Agricultural Experiment Station.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cass	Lloyd Vogt & Son	Elmwood	402-994-2475		25
Thayer	Maschmann Mills	Deshler	402-365-4369		25

## SOYBEAN VARIETY CHARACTERISTICS - 2005

*These comparisons are provided as an educational service by the Nebraska Crop Improvement Association to provide a working tool for determining the merits of a variety.*

Variety	PVP Status <sup>1</sup>	Agronomic Characteristics <sup>2</sup>						Phytophthora Root & Stem Rot <sup>5</sup>		Tolerance to Iron Deficiency Chlorosis <sup>5</sup>	White Mold Avoidance <sup>5</sup>	Hilum Color
		Relative Maturity	Height <sup>4</sup>	Canopy Type	Lodging Resistance	Seedling Emergence <sup>4</sup>	Seed Size <sup>3</sup>	Rps Gene	Field Tolerance			
Maturity Group 1												
NE1900	N	1.9	short	mod	very good	very good	medium	none	-	-	-	yellow
Vinton 81	N	2.1	medium	mod	fair	fair	large	1a	good	fair	fair	yellow
Maturity Group 2												
Colfax	N	2.8	short	mod	excellent	very good	med large	none	moderate	fair	good	buff
Conrad	P	2.5	medium	mod	very good	good	medium	none	good	poor	fair	brown
Maturity Group 3												
Dunbar	N	3.3	mod tall	mod bushy	very good	good	medium	+	moderate	good	poor	imp black
Hamilton	P	3.6	mod tall	bushy	good	fair	medium	none	fair	poor	-	buff
Hobbit 87	P	3.3	short	mod bushy	excellent	very good	medium	1k	very good	poor	poor	black
NE3001	N	3.0	medium	bushy	excellent	good	medium		good	poor		buff
NE3297	N	3.2	tall	mod	very good	very good	medium	none	poor	poor	good	brown
NE3399	N	3.3	mod tall	mod bushy	very good	very good	medium	none	0	0	0	black
Nemaha	N	3.5	mod tall	mod bushy	very good	very good	medium	none	moderate	poor	poor	buff
Odell	N	3.5	mod tall	mod bushy	good	very good	medium	none	moderate	fair	fair	buff
Probst	P-94	3.6	mod tall	mod bushy	very good	very good	medium	1k	very good	poor	fair	black
Williams 82	N	3.8	tall	mod bushy	good	good	medium	1k	very good	very poor	poor	black

1 U.S. Plant Variety Protection: N = not protected, P = protected variety, 94 = applied for or protected under the revised PVP Act of 1994.

2 These comparative ratings are based on each variety's average performance within its area of adaptation under normal Nebraska growing conditions and cultural practices. Plant performance is influenced by soil, weather, pests, and other production conditions.

3 Actual height and seed size will vary widely between years, locations, and with production conditions. General seed size ratings: large=less than 2200 seeds/lb; medium=2600 to 2800 seeds/lb; small=more than 3200 seeds/lb. General height ratings: short=26 to 33"; medium=34 to 40"; tall=more than 41."

4 Rating is based on ability of seedlings to emerge under standard laboratory test conditions at the Seed Science Center, Iowa State University.

5 Phytophthora Gene Resistance-see list on page 9 for races. The reaction will vary depending on how favorable conditions are for development of phytophthora, chlorosis or white mold, crop management practices, and/or plant growth stage or deviations in genetic resistance within the variety.

## FOOD GRADE SOYBEAN VARIETY CHARACTERISTICS<sup>1</sup>

Variety	Relative Maturity <sup>2</sup>	Plant Height <sup>3</sup> (inches)	Seeds/Pound <sup>3</sup>	Lodging	Emergence	% Protein <sup>3</sup>	Hilum Color
Maturity Group 1							
HP204	2.0	38	2200	2.1	1	36.9	yellow
Vinton 81	2.1	41	2200	2.7	4	36.9	yellow
Maturity Group 2							
Fremont	3.0	32	3000	2.0	3	36.6	yellow
IA2020	2.6	41	1800	1.9	2	36.2	yellow
IA2035	2.7	31	5600	2.4	5	38.2	yellow
Mercury	2.9	28	5800	1.6	2	35.1	buff
NE2696LS	2.6	34	1900	1.5	2	36.8	yellow
Maturity Group 3							
IA3001	3.2	39	2300	1.7	1	36.9	yellow
IA3006	3.1	34	1700	1.6	1	36.9	yellow
IA3008	3.2	37	5300	2.8	5	33.0	yellow
NE3396	3.3	33	2900	1.2	4	37.9	buff
NE3496SS	3.4	33	4800	1.8	3	35.6	yellow
Ohio FG1	3.2	35	1950	2.6	1	36.3	yellow
Saturn	3.6	28	1700	2.0	4	35.6	yellow
Maturity Group 4							
IA4001	3.9	36	6050	3.1	4	31.2	yellow

1 This information reflects each variety's average performance within its area of adaptation under normal growing conditions and cultural practices. Actual agronomic performance and end-use qualities will vary with differing growing conditions.

2 Maturity will vary between years, location, and with production conditions.

3 Data is from results of the Nebraska Specialty Soybean Variety Trials or comparable tests. Protein and seed size are reported on a 13% moisture basis. Lodging and emergence are rated on a 1 to 5 scale (1=best).

# OATS

**PVP 126** - 126 is a true spring oat with dark green foliage, an erect growth habit and very good standability. 126 is a delayed heading oat and much of its forage mass and quality come from an extended maturity. It is medium to tall in height. Under good moisture and fertility, heads emerge at 48 to 52 inches. These oats respond well under irrigation and stand erect and resist lodging. 126 has shown resistance to rust and most other leaf and stem diseases. U.S. Protected Variety (PVPA 1994). Certificate No. 200400169.?

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Box Butte	D & S Hansen Farms	Hemingford	308-760-0189	25	

**BUFF** - Buff is an early-midseason maturing oat with medium plant height. It is an excellent yielder with good test weight. It is resistant to Smut and susceptible to stem rust. It is moderately susceptible to crown rust and barley yellow dwarf. The pedigree for Buff is WIX6166-2//IL856255/Lotta. Buff was developed by the South Dakota Agricultural Experiment Station. ?

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Saunders	Kubik Seed Sales	Prague	402-663-4379		
10					

**DON** - Don is an early maturing variety, is short in height, and has good straw strength. Grain is dull white in color and has good test weight patterns with very acceptable milling performance. It has very good yield stability over a wide range of growing conditions. Don was developed by Illinois and the USDA-ARS from the cross Coker 234/2/Orbit/CI8168.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Buffalo	Donald Muhlbach	Ravenna	308-452-3588	10	
Gage	Husa Seed Farms	Barneston	402-674-3188	11	
Washington	Ron Smith	Hooper	402-654-3895	10	

**PVP JERRY** - Jerry is a mid-season variety similar to Ogle and Settler. It is medium in height with very good standability. Jerry is widely adapted and shows very good yield stability for sites favoring mid-season maturity. It may be grown for either forage or grain. Grain is white in color, large, and has good test weight patterns. Jerry is moderately resistant to crown rust and moderately susceptible to barley yellow dwarf virus and stem rust. It was developed by the North Dakota Agricultural Experiment Station from the cross Valley/3/RL3038/Kelsey//M22/Kelsey. U.S. Protected Variety (PVPA 1994). Certificate No. 9600001.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Buffalo	Donald Muhlbach	Ravenna	308-452-3588	12	
Cedar	Terry Foxhoven	Wynot	402-357-2396		19
Chase	Luhrs Cert Seed & Cond	Enders	308-882-5917		
		100			
Custer	Arrow Seed Co.	Broken Bow	308-872-6826	10	40
Gage	Husa Seed Farms	Barneston	402-674-3188		9
	Thimm Farms, Inc.	Beatrice	402-228-2222	33	5
Hamilton	Steven Obermeier	Giltner	402-849-2622		20
	Veburg Seed Farm	Hordville	402-757-3399		15
Lancaster	Edgar Farms	Firth	402-791-5797	17	
Otoe	Dale Henke	Syracuse	402-269-2522		20
Saunders	Kubik Seed Sales	Prague	402-663-4379		
10					
	Rezac Seed	Valparaiso	402-784-3875		53
Sedgwick	James J. Dolezal	Julesburg, CO	970-885-3365	27	
Thayer	Maschmann Mills	Deshler	402-365-4369		24
Washington	Ron Smith	Hooper	402-654-3895	13	
York	Miller Seed & Supply	York	402-362-5516		40

## OAT VARIETY CHARACTERISTICS - 2005

Contact the Nebraska Crop Improvement Association, your nearby Certified Seed source, or Cooperative Extension Office for more information on variety adaptation, performance, and management.

Variety	PVP Status <sup>1</sup>	Agronomic Characteristics <sup>2</sup>					Disease Reaction <sup>3</sup>				Protein <sup>4</sup>	Origin
		Maturity (Days)	Test Weight	Plant Height	Straw Strength	Grain Color	Smut	Stem Rust	Crown Rust	BYD Virus		
Blaze	P-94	medium	good	medium	Fair	tan	-	-	MS-MR	MT	medium	IL
Classic	N	early	-	mod	Good	yellow	na	na	na	na	na	IN
Don	N	early	good	short	Good	white	R	MS	S	MT	medium	IL
Hytest	N	medium	v good	tall	Good	cream	MR	MS	MS	MS	high	SD
Jerry	P-94	medium	v good	tall	v good	white	-	MS	MR	MS	med	ND
Jim	N	med early	good	medium	Good	yellow	R	S	S	MT	medium	MN
Loyal	N	Late	good	medium	Good	white	R	MS	R	MS	medium	SD
Ogle	N	medium	fair	medium	Good	yellow	MS	S	S	T	low	IL
Powell	N	medium	fair	mod	Good	yellow	na	na	na	na		ID
Prairie	P	medium	fair	medium	Good	tan	MS	MS	MS	T	low	WI
Reeves	N	early	v good	tall	Good	white	MR	S	MR	MR	medium	SD
Riser	N	early	v good	medium	Good	yellow	R	S	R	MS	high	SD
Rodeo	P-94	medium	good	tall	Good	yellow	S	-	MS-MR	MT	low	IL
Rodney	N	late	fair	tall	Fair	white	MR	S	S	S	low	CAN
Russell	N	late	fair	tall	Fair	white	R	S	S	S	medium	CAN
Settler	N	medium	good	mod tall	Fair	white	MR	S	MS	MT	high	SD

<sup>1</sup> U.S. Plant Variety Protection: N = not protected, A = PVP applied for, P = protected variety, 94 = Applied for or protected under revised PVP Act of 1994.

<sup>2</sup> These comparative ratings are based on each variety's average performance within its area of adaptation under normal Nebraska growing conditions and cultural practices. Plant performance will be influenced by soil, weather, pests, and other production conditions. For yield comparisons, see EC 99-107A.

<sup>3</sup> R=resistant; S=susceptible; MR=moderately resistant; MS=moderately susceptible; MT=moderately tolerant; T=tolerant. The reaction may vary depending on disease or development, management practices, and/or plant growth stage or deviations in genetic resistance within the variety.

<sup>4</sup> A rank of medium means 15 to 16 percent grain protein content is typical.

**MAVERICK** - Maverick is a medium early maturing variety similar to Monico. It is short in height with excellent standability. Maverick is widely adapted and a good yielding variety that produces high protein grain. This white hulled oat variety is suited to irrigated and high moisture areas. Maverick has the pedigree of 80Ab988(PI 578241)/Monida and was tested as 90Ab1322. It was developed cooperatively by the USDA Agricultural Research Service and the Idaho Agricultural Experiment Station.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cheyenne	Kriesel Certified Seed	Gurley	308-884-2424		8

**REEVES** - Reeves is a early maturing variety. It has a very good test weight and medium straw strength for a tall variety. Reeves is similar in maturity to Don and is approximately five inches taller with improved crown rust resistance, test weight, and protein percent. Reeves is also similar to Don in barley yellow dwarf virus and lodging resistance. It is rated moderately resistant for crown rust, barley yellow dwarf virus, and smut and is susceptible to stem rust. Seed are medium to high in protein and high in oil percentage. Reeves was developed by South Dakota Agricultural Experiment Station and released in 2002.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Custer	Arrow Seed Company	Broken Bow	308-872-6826		
Washington	Ron Smith	Hooper	402-654-3895		10

**RUSSELL** - Russell is a medium late maturing variety, is tall in height, and has fair to good straw strength. Grain is creamy white in color with fair test weight patterns and acceptable milling performance. It is widely used in western Nebraska for forage and grain production and has good yield stability. Russell was developed at the Cereal Crops Division, Ottawa, Canada, from the cross Garry/Ukraine/2/Abegweit<sup>2</sup>.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cheyenne	Kriesel Certified Seed	Gurley	308-884-2424	50	30

# SPRING BARLEY

**PVP CONLON** - Conlon is a two-rowed, spring feed barley with semi-smooth awns. It is an early maturing variety, similar to Bowman. It is medium in height and has good straw strength. Grain tends to be plump, has white aleurone, and average protein content. Conlon is susceptible to stem rust, loose smut, and moderately susceptible to spot blotch. It was developed by the North Dakota Agricultural Experiment Station and the USDA-ARS. Seed may be legally sold and labeled by variety name only as Certified seed. U.S. Plant Variety Protection Applied For (PVPA 1994). Certificate No. 9700243.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cheyenne	Kriesel Certified Seed	Gurley	308-884-2424		10

# SPRING TRITICALE

**PVP 2700** - 2700 is a medium maturing, awned, white glumed spring triticale variety. It is of medium height with good straw strength. 2700 is a widely adapted, highly versatile forage type triticale with high protein and digestibility. 2700 spring triticale is an excellent source of highly digestible fiber that performs well planted alone, with other cereal grains, or forage peas. U.S. Protected Variety. Certificate No. 9300122.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Box Butte	D & S Hansen Farms	Hemingford	308-760-0189		65

# FIELD PEAS

**PVP Admiral** - Admiral is an early maturing yellow, semi-leafless pea with excellent harvestability. It has a medium seed size and is a dual purpose feed/food yellow pea. It is resistant to powdery mildew and lodging. U.S. Protected Variety (PVPA 1994). Certificate No. 200300244.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Box Butte	D & S Hansen Farms	Hemingford	308-760-0189		100

**PVP Cruiser** - Cruiser is a mid-season field pea with a semi leafless growth habit. The plants have excellent lodging resistance and remain erect through harvest. For the processor it makes an excellent split green pea with its dark green cotyledon color. Plant height is 28 in. when green and 25 in. when dry. Cruiser has disease resistance to Race 1 fusarium wilt, pea seed born mosaic virus, and powdery mildew. U.S. Protected Variety (PVPA 1994). Certificate No. 200200145.?

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Box Butte	D & S Hansen Farms	Hemingford	308-760-0189		50

**Forager** - Forager is indeterminate with a long vine type and purple flowers. It has dimpled seed with yellow cotyledons and a green-brown seed coat. Mean 100 seed weight is 22.3 g. Forager was selected from Dundale, which was an early maturing selection from 'Early Dun'. Forager is earlier to mature than Early Dun by approximately 4 days. It was developed by the Wyoming Agriculture Experiment Station and jointly released with the Nebraska Agricultural Experiment Station in 2003. ?

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Box Butte	D & S Hansen Farms	Hemingford	308-760-0189	55	



# MILLET

**DAWN PROSO** – Dawn was developed at the Panhandle Center of the University of Nebraska. Dawn is a short millet with a tight panicle, about 4 to 5 days earlier to harvest than Panhandle. It ripens uniformly and is more resistant to shattering and lodging than Panhandle. Dawn has a large white seed, and the seed is similar in appearance to Panhandle. Dawn is adapted anywhere proso millet is grown. It may be direct-harvested rather than swathed because of its short stature and early maturity.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cheyenne	Kriesel Certified Seed	Gurley	308-884-2424	22	

**EARLYBIRD PROSO** - Earlybird is a moderately early variety heading about 2 days later than Dawn and 2 days earlier than Sunup. Plant height is about 4 inches shorter than Sunup with good straw strength. While test weight is slightly less, yield has been similar to Sunup. Earlybird has a white seed coat and large seed size. It was developed by Nebraska from the cross Minco/NE76010//Rise/NE79017.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cheyenne	Kriesel Certified Seed	Gurley	308-884-2424	84	235

**HORIZON PROSO** - Horizon is earlier in maturity than Sunrise and Earlybird, and later than Dawn. Plant height is about 33 cm and has straw strength similar to Sunup. Horizon has shown no susceptibility to Russian wheat aphid. Horizon has a white seed coat and closed type panicle. The foliage is green in color and is similar to Sunup.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cheyenne	Kriesel Certified Seed	Gurley	308-884-2424	25	

**HUNTSMAN PROSO** - Huntsman is a moderately late variety heading about 1 day later than Sunup. Yield performance, test weight, plant height, and straw strength have all been similar to Sunup. Huntsman has a white seed coat and large seed size similar to Dawn. It was developed by Nebraska from the cross NE79012/NE79017/3/Cope//Dawn/Common.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cheyenne	Kriesel Certified Seed	Gurley	308-884-2424	56	92

**SUNRISE PROSO** - Sunrise is a moderately early variety heading about 1 day earlier than Sunup. Plant height is about 3 inches shorter than Sunup with comparable standability. Test weight is above average. Yield performance has been slightly superior to Sunup. Sunrise is white-seeded, and seed size is large. It was developed by Nebraska from the cross NE83014/NE83007 and has parentage from Minn. 402, Dawn, Minco, and Panhandle.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cheyenne	Kriesel Certified Seed	Gurley	308-884-2424	40	182
	Winkelman Seed	Dalton	308-377-2453		38
Sedgwick	James J. Dolezal	Julesburg, CO	970-885-3365		32

# MILLET VARIETY CHARACTERISTICS 2005

Variety <sup>1</sup>	Type	Maturity (Days)	Seed Color	Plant Height <sup>2</sup>	Straw Strength	Seed Size <sup>3</sup>
Cerise	Proso	early (-3)	light red	tall	poor	very small
Cope	Proso	late (+5)	white	tall	poor	large
Dawn	Proso	very early (-7)	white	short	good	medium
Earlybird	Proso	medium early (-3)	white	medium	good	large
German Strain R	Foxtail	late	golden	tall	good	-
Golden German	Foxtail	medium-late	golden	tall	fair	-
Huntsman	Proso	medium late (+3)	white	medium	good+	large
Panhandle	Proso	medium early (-2)	white	medium	poor	medium
Rise	Proso	medium (+1)	white	medium short	good	small
Siberian Red	Foxtail	medium	light orange	medium short	good	
Sno-Fox	Foxtail	early	cream	medium	good	-
Sunrise	Proso	medium (0)	white	medium short	good+	large
Sunup	Proso	medium (0)	white	medium	good+	medium
White Wonder	Foxtail	medium late	gray	very tall	good+	-

- <sup>1</sup> See EC 99-107A for variety yield comparisons.
- <sup>2</sup> General Ratings: short < 33", medium = 34-40", tall > 40".
- <sup>3</sup> Seed size can vary by 100 seeds/5 grams (about 10,000 seeds/pound) or more depending on the growing conditions. General ratings; < 750/5 grams = large, 750-800/5 grams = medium, > 800/5 grams = small.

## HYBRID SEED CORN

The following companies have requested field inspection under the NCIA certification or quality assurance process with the intent of producing quality seed of selected hybrids. These programs provide an unbiased, reliable quality control system through seed source verification, field inspection, seed testing, record-keeping, auditing, and labeling.

For information regarding specific products produced using these programs in 2004, please contact the participating company.

County	Grower	Town	Telephone
Adams	NC+ Hybrids	Hastings	402-463-5661
	Starr Partnership	Hastings	402-461-4229
Buffalo	Gangwish Seed Farms, Inc.	Shelton	308-647-5301
	Monsanto Company	Kearney	308-234-9710
Dodge	Beebe Seed Farms	North Bend	402-652-3741
	Hoegemeyer Hybrids	Hooper	402-654-3399
Douglas	J.C. Robinson Seeds	Waterloo	402-779-2531
Fillmore	Lauber Seed Farms	Geneva	402-759-3102
	Mettenbrink Farms	Grand Island	308-382-8828
Hall	Petersen Farms, Inc.	Grand Island	308-382-1672
	Syngenta Seeds Inc.	Phillips	402-886-2257
Hamilton	Gleason Farms	Wood River	308-583-2413
	Pioneer Hi-Bred International	Doniphan	402-744-3271
Lancaster	NC+ Hybrids	Lincoln	402-467-2517
Madison	Boe Seed Farm inc.	Madison	402-454-2884
	Producers Hybrids Inc.	Battle Creek	402-675-2975
Nance	Sonderup Seed Farms	Fullerton	308-536-2027
Seward	Cast Farms	Milford	402-532-7515
	Garst Seed Co.	Coon Rapids, IA	712-684-2211
Thayer	Kirchhoff Farms, Inc.	Hardy	402-236-8838
York	Mycogen Plant Sciences	York	402-362-7441
	Pioneer Hi-Bred International	York	402-362-3349

# NEBRASKA SEED QUALITY ASSURANCE® PROGRAM

The purpose of the NCIA's seed Quality Assurance (QA) program is to provide an unbiased and uniform quality control process and marketing tool for crop seeds grown in Nebraska and merchandised as branded products.

Seed enterprises voluntarily participate and will customize the process to meet their individual needs by using some or all of the services including field inspection, seed analysis, record-keeping, and labeling. In order for a producer to label seed with the QA logo, all steps in the program must be completed satisfactorily, meeting the same goals and standards as Certified seed.

The following seed enterprises have requested field inspection for certain acres of their proprietary branded products under the NCIA seed Quality Assurance program. Participation in this program demonstrates these NCIA members' efforts to use effective quality management in seed production and conditioning.

For more information regarding specific products produced using the QA program in 2004, please contact the participating seed enterprise.

<b>Bio Gene Seeds</b>	<b>888-862-3276</b>
<b>Hoegemeyer Hybrids</b>	<b>402-654-3399</b>
<b>Midland Seed Associates</b>	<b>800-643-4340</b>
<b>NC+ Hybrids</b>	<b>402-467-2517</b>
<b>NuPride Genetics Network</b>	<b>402-472-1444</b>

## SOYBEANS BUYERS' NOTICE

It is **important** that you read any Herbicide Tolerance Warranties and the Seed Usage Conditions set forth on the seed container, seed label, purchase agreement, invoice, or other documents of transaction. By opening the seed container you are accepting and agreeing to be bound by those conditions.

**Roundup Ready®** soybean seed includes a limited license under U.S. Patents 4,535,060; 4,940,835, and 5,352,605 for planting of a commercial crop. The crop grower agrees to pay Monsanto, through its licensed agents, a technology fee to be established by Monsanto. The grower agrees not to supply any of this seed to anyone for planting and agrees not to save any crop produced from this seed for replanting or supply saved seed to anyone for replanting. The grower agrees not to use this seed or provide it to anyone for crop breeding, research, or seed production.

**STS®** soybean seed contains a DuPont-developed trait providing enhanced tolerance to specific DuPont sulfonylurea soybean herbicides such as Synchrony® STS®, Reliance™ STS®, Classic®, and any additional herbicides to be developed or licensed by DuPont and as clearly noted on their herbicide label. Synchrony® STS®, Reliance™ STS®, Classic® are trademarks of E.I. DuPont de Nemourse & Co.

The buyer of these soybean varieties represents that he is purchasing the seed solely for purposes of producing a grain crop. The soybean seed, and any product from the seed, shall not be resold as seed or used for seed breeding purposes. The buyer agrees not to alter, or to permit the alteration of the seed, or any product of the seed, through genetic techniques or otherwise. **Use or sale of the crop produced from this seed is prohibited.**

# APPROVED SEED CONDITIONERS

An active APPROVED SEED CONDITIONER system is very important and an integral part of Nebraska's certification program. Approved Conditioners are seed cleaning firms who are authorized by the Board of Directors to purchase field-approved seed and move it to their plants for conditioning, submit samples for testing, order tags or certificates, and merchandise the finished product on a retail basis.

The objectives of the Approved Conditioner program are:

1. To expand the marketing options of seed producers who may not have adequate cleaning or merchandising facilities.
2. To provide the retail seed trade with reliable high quality sources of seed as markets demand.
3. To improve the quality of seed available, while insuring maintenance of varietal purity.
4. To promote acceptance and use of Nebraska certified seed.

## West District

Ag Operations Group	Big Springs	308-889-3429
Carter Certified Seed	Chappell	308-874-2595
Cullan Farms	Hemingford	308-487-5288
D & S Hansen Farms	Hemingford	308-760-0189
Heritage Seed Company Inc.	Crawford	308-665-1672
Jirdon Agri Chemicals, Inc.	Morrill	308-247-2126
Kelley Bean Company	Scottsbluff	308-635-6438
Kriesel Certified Seed	Gurley	308-884-2424
Dewain Lockwood	Kimball	308-235-4104
New Alliance Bean & Grain	Alliance	308-762-8014
Trinidad/ Benham	Bridgeport	308-262-1361

## Southwest District

Dunbar Seed	Eustis	308-486-5590
Frenchman Valley Coop	Venango	308-447-5551
Frenchman Valley Farmers Cooperative	Imperial	308-882-3224
Haskins Seed Cleaning	Wauneta	308-394-5530
Luhrs Certified Seed & Conditioning	Enders	308-882-5917
Olson Livestock & Seed	Haigler	308-297-3283
Rainbow Grain	Ogallala	308-284-3264
Sharp Brothers Seed Company	Healy, KS	316-398-2231

## Central District

Arrow Seed Company	Broken Bow	308-872-6826
Monsanto Co.	Kearney	308-234-9710
Muhlbach Seeds	Ravenna	308-452-3588

### **South Central District**

Andersen & Associates	Marquette	402-854-2225
Knobel Seeds	Fairbury	402-446-7394
Lauber Seed Farm	Geneva	402-759-3102
Maschmann Mills	Deshler	402-365-4369
Miller Seed & Supply Company	York	402-362-5516
Mycogen Plant Sciences	York	402-362-7441
NC+ Hybrids	Hastings	402-463-5661
Pioneer Hi-Bred International, Inc.	Doniphan	402-744-3271
Pioneer Hi-Bred International, Inc.	York	402-362-3349
Roberts Seed (Joe Roberts)	Axtell	308-743-2565
Star Seed, Inc.	Osborne, KS	913-346-5447
Syngenta Seeds Inc.	Phillips	402-886-2257
Darrel Wehnes and Sons	Inland	402-772-8101

### **Northeast District**

Orchard Seed	Orchard	402-893-2445
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### **East Central District**

Hoegemeyer Enterprises	Hooper	402-654-3399
Kaup Seed & Fertilizer	West Point	402-372-5588
W.A. Lafleur & Sons	Madison	402-454-2232
Producers Hybrids Inc.	Battle Creek	402-675-2975
Seed Enterprises Inc.	West Point	402-372-3238

### **Southeast District**

Anderson Seed	Odell	402-766-3790
Bern Seed Company	Bern, KS	785-336-3046
Blue Valley Seed	DeWitt	402-683-5615
Cole Seed Farm, Inc.	Plattsmouth	402-298-8169
Husa Seed Farms	Barneston	402-674-3188
Mayer Seed	Auburn	402-274-5743
Miller Seed Company	Lincoln	402-438-1232
Muddy Creek Seed Farm	Johnson	402-868-6775
Ohlde Seed Farms	Palmer, KS	913-692-4555
Rezac Seed	Valparaiso	402-784-3875
J.C. Robinson Seed Co.	Waterloo	402-779-2531
Rohlfing Seeds	Talmage	402-264-3515
Stock Seed Farm	Murdock	402-867-3771
Thimm Farms, Inc.	Beatrice	402-228-2222
United Seeds, Inc.	Omaha	402-331-4800

# CUSTOM CERTIFIED CONDITIONERS

In Nebraska, the function of the Custom Certified Conditioner is solely to provide seed cleaning and handling services—services which prepare certifiable seed produced by members from inspected acres for marketing channels.

Seed conditioners in this category voluntarily request inspection by the Association to provide quality assurance for the seed producer and seed consumer. Custom Certified Conditioners are subject to minimal procedural and equipment guidelines which are enacted by the NCIA Board of Directors.

The objectives of the Custom Certified Conditioner program are:

1. To provide necessary conditioning services for seed producers and merchandisers who do not have adequate cleaning facilities.
2. To improve the quality of seed available while insuring maintenance of varietal purity.
3. To promote acceptance and use of Nebraska certified seed.

## **West District**

*Radke Engineering, Inc.	Cedar Falls, IA	877-588-3211
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## **Southwest District**

Greenbank Inc.	Fort Morgan, CO	800-615-4769
Lytle Seed Company	Wauneta	308-394-5128
George Russell	Maywood	308-362-4459

## **Southeast District**

Kamterter II LLC	Lincoln	402-466-1224
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## **East Central District**

Alliance Production	Whiting, IA	712-458-2175
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\*Portable Seed Cleaner

NOTE: Some firms listed as Approved Seed Conditioners also provide custom seed cleaning services.

# 2004 NCIA MEMBERS

**Grower (GR)** – A member who applies for field inspection services and used the services of either Custom or Approved Conditioners to prepare seed for marketing channels.

**Grower-Conditioner (GC)** – A member who applies for field inspection services and has adequate facilities for conditioning his own seed produced from inspected acres in preparation for marketing channels.

**Custom Certified Conditioner (CC)** – A member who may or may not apply for field inspection services and has adequate facilities for conditioning seed produced from inspected acres (by himself or other members) in preparation for sale in marketing channels.

**Approved Seed Conditioner (AC)** – A member who may or may not apply for field inspection services, has adequate facilities for conditioning seed, and may purchase bulk uncleaned seed from inspected acres of a crop grown by another member for conditioning, tagging, and sale in marketing channels as a class of certified seed.

**Associate Member (AM)** – Any other person, partnership, or corporation who would not be involved directly in the production, conditioning, or marketing of seed but is interested in furthering the goals of the Association may become a non-voting member.

Ag Operations Group	3026 Rd. 199	Big Springs	69122	308-889-3429	AC
Agri Pro Wheat	806 N 2 <sup>nd</sup> St.	Berthoud, CO	80513	970-532-3721	GR
Alliance Production	14633 Hwy K64	Whiting, IA	51063	712-458-2175	CC
Andersen & Associates	2204 No. S Rd	Marquette	68854	402-854-2225	AC
Anderson Seed	42401 SW 61 Odell Rd	Odell	68415	402-766-3790	AC
Arrow Seed Company	PO Box 722	Broken Bow	68822	308-872-6826	AC
Asgrow Seed Co.	3403 Montreal Circle	Omaha	68123	402-293-5851	AM
Kendall Atkins	3455 Rd 55 E.	Dix	69133	308-682-5647	GC
Bartco	34605 Rd 725	Wauneta	69045	308-394-5423	GR
Leonard Bayer	2115 CR 14	Howells	68641	402-986-1397	GR
Beebe Seed Farms, Inc.	1291 Old Lincoln Hwy	North Bend	68649	402-652-3741	GR
Bergmeier Farms	PO Box 96	Clatonia	68328	402-683-4845	GR
Bern Seed Co.	505 Railroad St.	Bern KS	66408	785-336-3046	AC
BioPlant Research	PO Box 320	Camp Point, IL	62320	800-593-7708	AM
Blue Valley Seed	6237 W Dogwood Rd	DeWitt	68341	402-683-5615	AC
Boe Seed Farm, Inc.	PO Box 10	Madison	68748	402-454-2884	GR
Robert Bolte	RR 2 Box 114	Blue Hill	68930	402-756-2107	GR
Bratney Companies	3400 - 109 <sup>TH</sup> St.	Des Moines, IA	50322	515-270-2417	AM
Broberg Farms	PO Box 586	Tilden	68781	402-368-5647	GR
Edgar Buescher & Sons	RR 1 Box 636	Lawrence	68957	402-756-7791	GR
D.K. Buskirk & Sons	7351 Gage Rd.	Hemingford	69348	308-487-3995	GC
Buysm Sod Farms	PO Box 370	Elm Creek	68836	308-856-4633	GR
C & C Farms	RR 1 Box 64	Superior	68978	402-879-4639	GR
Campstool Farms	102 Ridge Rd	Kimball	69145	308-235-7284	GR
Carter Certified Seed	15571 Rd. 14	Chappell	69129	308-874-2595	AC
Mark Caspers	RR 1 Box 104	Auburn	68305	402-274-3800	GR
Cast Farms, Inc.	2737 Pioneers Rd.	Milford	68405	402-532-7515	GR
Glenn Chvatal	2615 CR U	Prague	68050	402-663-4386	GR
Cole Seed Farm, Inc.	2101 Church Rd.	Plattsmouth	68048	402-298-8169	AC
Glenn Colson	75540 Road 345	Elsie	69134	308-228-2322	GR
Condon Farms, Inc.	86959 Hwy 13	Creighton	68729	402-358-3506	GR
Corn States Hybrid Service	2505 McKinley	Des Moines, IA	50321	515-285-3091	AM
Cullan Farms	6731 Franklin Rd.	Hemingford	69348	308-487-5288	AC
Kenneth Degenhardt	RR 1 Box 70	Hebron	68370	402-768-2352	GR
Jed & Deann Doetker	PO Box 96	Wauneta	69045	308-394-5636	GR

James J. Dolezal	16235 CR 63	Julesburg, CO	80737	970-885-3365	GR
Joseph Dubas	5225 Sunlight Ct.	Lincoln	68516	402-328-9923	GR
Dunbar Seed	HC 70 Box 13	Eustis	69028	308-486-5590	AC
EBM Mill & Elevator	1014 Sherwood Rd.	Norfolk	68701	402-371-2945	AM
Glenn H. Ebberts	57065 Hwy 4	Daykin	68338	402-446-7423	GR
Darrel Eberspacher	787 - 308 St.	Seward	68434	402-761-3178	GR
Edgar Farms	25205 S. 120	Firth	68358	402-791-5797	GR
Edward Eitel	480 Table Rd.	Crawford	69339	308-665-2365	GR
Evergreen Turf Farm	2072 CR 13	Ames	68621	402-622-8246	GR
Fontanelle Hybrids	2005 N. Somers	Fremont	68025	402-721-6348	GC
Kirk Foster	RR 2 Box 965	Berwyn	68819	308-935-1672	GR
Foundation Seed Division	1071 CR G RM C	Ithaca	68033	402-624-8083	AC
Terry Foxhoven	210 St. James Ave.	Wynot	68792	402-357-2396	GR
Frenchman Valley Coop	PO Box 127	Venango	69168	308-447-5551	AC
Frenchman Valley Farmer Coop	143 Broadway	Imperial	69033	308-882-3224	AC
Troy Fuelberth	88165 Hwy 81	Hartington	68739	402-254-6903	GR
Garst Seed Co.	615 Main St.	Coon Rapid, IA	50058	712-684-3248	GR
General Mills Operations	2500 9 <sup>th</sup> Ave. North	Great Falls, MT	59401	406-761-6252	AM
Gleason Farms, Inc.	724 S. Cameron Rd.	Wood River	68883	308-583-2413	GR
Greenbank Inc.	PO Box 1037	Fort Morgan, CO	80701	800-615-4769	CC
Greenkeeper Co. Inc.	PO Box 451123	Omaha	68137	402-333-8813	GR
Gross Seed Co. Inc.	HC 66 Box 13	Johnstown	69214	402-722-4215	AM
Gustafson Inc.	PO Box 660065	Dallas, TX	75266	214-985-8877	AM
Richard Ham	33694 River Road	Benkelman	69021	308-423-2936	GR
D & S Hansen Farms	982 CR 63	Hemingford	69348	308-760-0189	AC
Max Hanson	76065 Road 344	Elsie	69134	308-228-2255	GR
Haskins Seed Cleaning	RR 2 Box 114	Wauneta	69045	308-394-5530	AC
Dale Henke	2490 N Rd	Syracuse	68446	402-269-2522	GC
Hergert Milling Inc.	1424 Ave B	Scottsbluff	69361	308-632-2315	AM
Heritage Seed Co. Inc.	PO Box 544	Crawford	69339	308-665-1672	AC
B.K. Heuermann & Sons	504 W. Hwy 34	Phillips	68865	402-886-2911	GR
Hoegemeyer Hybrids	1755 Hoegemeyer Rd.	Hooper	68031	402-654-3399	AC
Husa Seed Farms	46359 S. 108 Rd.	Barneston	68309	402-674-3188	AC
Harlan F. Husa	RR 1 Box 103	Hebron	68370	402-768-2423	GR
Illinois Foundation Seed	2840 O St Rd.	Seward	68434	402-643-3691	AM
Ingram Feed & Seed	RR 1 Box 84	Franklin	68939	308-425-3200	GR
J.R. Ingwerson	17414 Ingwerson Lane	Plattsmouth	68048	402-298-8572	GC
Iowa Acres Inc.	26767 Timber Rd.	Kelley IA	50134	515-232-1930	GR
IPSA	PO Box 316	Geneseo, IL	61254	309-944-3104	AM
Jandera Inc.	63008 - 733A Road	Brock	68320	402-868-4215	GR
Michael Jasa	654 - 20 <sup>th</sup> Rd	Thurston	68062	402-385-2568	GR
Thomas Jehorek	825 Rd W 50	Brule	69127	308-287-2327	GR
Jirdon Agri Chemicals	PO Box 516	Morrill	69358	308-247-2126	AC
Von Johnson	424 Shole Ave	Cambridge	69022	308-697-4654	GC
William Junge	RR 1 Box 110	Gordon	69343	308-327-2823	GR
Kamterter II LLC	PO Box 30327	Lincoln	68503	402-466-1224	CC
Kaup Seed & Fertilizer	1101 S. Beemer St.	West Point	68788	402-372-5588	AC
KBC Trading & Processing	28810 CR S	Brush, CO	80723	970-842-5082	GR
KBC Trading & Processing	Hwy 18 S	Mayville, ND	58257	701-543-3000	GR
KDH Sales	RR 3 Box 117	Auburn	68305	402-274-5665	GR
Kelley Bean Co.	1520 Ave. B.	Scottsbluff	69361	308-635-6438	AC
Kiowa Creek Land & Cattle Co.	PO Box 800	Scottsbluff	69363	308-632-7712	GR
Kirchhoff Farms, Inc.	RR 1 Box 76	Hardy	68943	402-236-8831	GR
Knobel Seeds	72055 567 Ave.	Fairbury	68352	402-446-7394	AC
Kriesel Certified Seed	4626 Rd 111	Gurley	69141	308-884-2424	AC



Kubik Seed Sales	1860 CR 31	Prague	68050	402-663-4379	GR
J.M. Kuehn Inc.	1639 40 Rd.	Heartwell	68945	308-563-2101	GR
Ladd Farm	PO Box 94	Nickerson	68044	402-727-9903	GC
W.A. Lafleur & Sons	111 E. 2 St.	Madison	68748	402-454-2232	AC
Lauber Seed Farms LLC	549 R St.	Geneva	68361	402-759-3102	AC
Dan Laursen	7678 Madison Rd.	Alliance	69301	308-487-5541	GR
Laux Seed Farm	HC 85 Box 48	Bridgeport	69336	308-262-0512	GC
Kent/Kelly Lehmann	RR 1 Box 43	Eustis	69028	308-486-5505	GR
Dewain Lockwood	3814 N Hwy 71	Kimball	69145	308-235-4104	AC
Luhrs Cert Seed & Conditioning	PO Box 353	Enders	69027	308-882-5917	AC
Leon Lutkemeier	RR 1 Box 108	Bladen	68928	402-756-8488	GR
Lytle Seed Co.	34554 - 727 Rd.	Wauneta	69045	308-394-5128	CC
Maca Seeds	1167 Rd 17	Rogers	68659	402-352-2789	GR
Bruce A. Madsen	5284 B Rd.	Nehawka	68413	402-263-5555	GR
Martin Sod Farms	4026 Lillie Dr.	Grand Island	68801	308-382-5425	GR
Maschmann Mills	PO Box 428	Deshler	68340	402-365-4369	AC
Mayer Seed	RR 3 Box 152	Auburn	68305	402-274-5743	AC
Mettenbrink Farms	3042 N. Engleman Rd.	Grand Island	68803	308-382-8828	GR
Miller Seed & Supply	327 York Ave.	York	68467	402-362-5516	AC
Miller Seed Co. Inc.	1600 Cornhusker Hwy	Lincoln	68501	402-438-1232	AC
Guy Mills, Jr.	RR 1 Box 86A	Mason City	68855	308-732-3419	GR
Harvey R. Mills	29606 Mill Rd.	Murdock	68407	402-867-2956	GC
Monsanto Co.	PO Box 73	Kearney	68848	308-234-9710	AC
Muddy Creek Seed Farm	RR 1 Box 59	Johnson	68378	402-868-6775	AC
Mueller Sod Farm	1680 - 83 St.	Columbus	68601	402-564-6364	GR
Muhlbach Seeds	46385 - 295 Rd.	Ravenna	68869	308-452-3588	AC
Mycogen Plant Sciences	1117 Recharge Rd.	York	68467	402-362-7441	AC
Nature Conservancy	1228 L St. Ste 1	Aurora	68818	402-694-4191	GR
NC+ Hybrids	311 Rd. 3163	Hastings	68901	402-463-5661	AC
NC+ Hybrids	3820 N. 56	Lincoln	68504	402-467-2517	GR
James Nejezchleb	PO Box 5	Deweese	68934	402-262-2277	GR
Nelson Certified Seed	37629 W. Nelson Rd.	Wallace	69169	308-387-4698	GR
Lee E. Nelson & Sons	RR 1 Box 118	Sutton	68979	402-773-4700	GR
New Alliance Bean & Grain	PO Box 619	Alliance	69301	308-762-8014	AC
Phil Nielsen Seed	54136 - 885 Rd	Bloomfield	68718	402-373-2627	GR
Steven Obermeier	803 S. F Rd.	Giltner	68841	402-849-2622	GR
Ohlde Seed Farms	1577 - 4 Rd.	Palmer, KS	66962	913-692-4555	AC
Oliver Manufacturing	PO Box 512	Rocky Ford, CO	81067	719-254-3480	AM
Olson Livestock & Seed	31921 Road 711	Haigler	69030	308-297-3283	AC
Orchard Seed	51243 - 862 <sup>nd</sup> Rd	Orchard	68764	402-893-2445	AC
ORK Farms	PO Box 356	Grant	69140	308-352-2132	GR
Osler Farms	34550 Road 751	Elsie	69134	308-228-2296	GC
Paben Farms	27431 SW 32 <sup>nd</sup> Rd	Beatrice	68310	402-228-0629	GR
Paramount Seed	7682 CR Z	Quinter, KS	67752	785-754-2151	GR
Stanley Pavelka Farms	18350 S. Conestoga	Bladen	68928	402-756-3945	GR
Perry Brothers Seed	517 S. Washington	Otis CO	80743	970-246-3401	AM
Peters Seed Farms Inc.	RR 4 Box 216	McCook	69001	308-345-5170	GC
Petersen Farms Inc.	1420 E. Capital	Grand Island	68801	308-382-1672	GR
Petersen Land & Cattle	RR 3 Box 326	Cambridge	69022	308-697-4370	GR
Peterson Genetics Inc.	1710 Adams St.	Cedar Falls, IA	50613	319-266-1731	AM
Pioneer Hi-Bred Int'l Inc.	12937 S. US Hwy 281	Doniphan	68832	402-744-3271	AC
Pioneer Hi-Bred Int'l Inc.	1410 Hwy 34	York	68467	402-362-3349	AC
Platte River Seed Co.	PO Box 864	Kearney	68848	308-237-5253	GR
Paul D. Platter	RR 1 Box 47	Shubert	68437	402-883-2365	GC
Pohlmann Land & Cattle	RR 1 Box 72	Deshler	68340	402-365-7676	GR

Polansky Seed	2729 M St.	Belleville, KS	66935	785-527-2271	GR
Popp Engineering Inc.	2710 Ford St.	Ames, IA	50010	515-232-6118	AM
Poppe Farms	200 Central Ave.	Grant	69140	308-289-1148	GR
Potthoff Coyote Canyons	HC 2 Box 122	Trenton	69044	308-276-2548	GR
Producers Hybrids Inc.	PO Box C	Battle Creek	68715	402-675-2975	AC
Providence Farms/Keith Berns	RR 1 Box 140	Bladen	68928	402-756-1094	GR
Radke Engineering	3619 Eastpark Rd.	Cedar Falls, IA	50613	877-588-3211	CC
Rainbow Grain	PO Box 855	Ogallala	69153	308-284-3264	AC
Sid Ready	765 CR 12 Blvd.	Scribner	68057	402-664-2710	GR
Rezac Seed	840 CR 31	Valparaiso	68065	402-784-3875	AC
Armand G. Richert	2320 448 Rd.	Gresham	68367	402-735-7523	GR
Richmond Farms	RR 1 Box 143	Grant	69140	308-352-4473	GR
Roberts Seed	982 - 22 Rd.	Axtell	68924	308-743-2565	AC
J.C. Robinson Seed Co.	PO Box A	Waterloo	68069	402-779-2531	AC
Rocking T-J Farms Inc.	1781 CR 74	Hemingford	69348	308-487-5277	GR
Rohlfing Seed	4275 S Rd.	Talmage	68448	402-264-3515	AC
Jeff/Norman Rose	RR 2 Box 89	Blue Hill	68930	402-756-2073	GR
George Russell	PO Box 82	Maywood	69038	308-362-4459	CC
Scharf Farms	RR 1 Box 9	Curtis	69025	308-367-4369	GR
Scheitel Feed & Seed	PO Box 476	Falls City	68355	402-245-3712	GR
Pete Schmit & Sons LTD	230-40 Rd.	Bellwood	68624	402-538-4645	GR
Steve Schumacher	PO Box 182	Dalton	69131	308-377-2502	GR
Scotts Co.	7644 Keene Rd. NE	Gervais, OR	97026	503-792-3633	AM
Seed Enterprises Inc.	679 - 19 Rd.	West Point	68788	402-372-3238	AC
Sharp Brothers Seed Co.	PO Box 140	Healy, KS	67850	316-398-2231	AC
Ron Smith	27712 CR 10	Hooper	68031	402-654-3895	GR
Smith Seed Farms	RR 3 Box 140	Auburn	68305	402-274-4011	GR
Sonderup Seed Farms	RR 1 Box 190	Fullerton	68638	308-536-2027	GR
Spurgin Inc.	790 Rd E. R So.	Paxton	69155	308-239-4539	GR
Star Seed Inc.	PO Box 228	Osborne, KS	67473	913-346-5447	AC
Starr Partnership	1140 W. Lochland Rd.	Hastings	68901	402-461-4229	GR
Stateline Bean Producers Coop	PO Box 803	Bridgeport	69336	308-262-1222	GR
Stauffer Seeds	PO Box 68	Aurora	68818	402-694-4062	GR
David Stock	28008 Mill Rd.	Murdock	68407	402-867-3771	GR
Stock Seed Farm	28008 Mill Rd.	Murdock	68407	402-867-3771	AC
Richard Swartz	715 S. Minden	Minden	68959	308-832-2152	GR
Syngenta Seed Treatment	#29 Rolling Hills Rd.	Kearney	68847	308-234-4819	AM
Syngenta Seeds Inc.	PO Box 125	Phillips	68865	402-886-2257	AC
Thimm Farms Inc.	5104 W Hwy 136	Beatrice	68310	402-228-2222	AC
Carl Thomas	10038 CR 10	Morrill	69358	308-247-2096	GR
Thorsen Family Farm Inc.	HC 91 Box 47	Gordon	69343	308-282-0189	GR
Todd Valley Farms	E. Hwy 92 Box 202	Mead	68041	402-624-6385	GR
Trinidad/Benham	PO Box 427	Bridgeport	69336	308-262-1361	AC
Turf-Seed Inc.	PO Box 250	Hubbard, OR	97032	800-247-6910	GR
UAP Ag Services	PO Box 98	Imperial	69033	308-882-4308	GR
United Seeds Inc.	PO Box 27322	Omaha	68127	402-331-4800	AC
V & F Farms Co.	PO Box 467	Chappell	69129	308-874-2840	GR
Veburg Seed Farm	2706 N. W Rd.	Hordville	68846	402-757-3399	GC
R.E. Vieselmeyer Inc.	RR 1 Box 79	Deshler	68340	402-365-7781	GR
Ron Vlasin	790 CR 2350	Crete	68333	402-826-3422	GR
Lloyd Vogt & Son	33726 Adams St.	Elmwood	68349	402-994-2475	GC
Darrell Wehnes & Sons	PO Box 237	Inland	68954	402-772-8101	AC
Ruben Wehnes	PO Box 237	Inland	68954	402-772-8101	GR
West Seeds	2345 Shelton Rd	Shelton	68876	308-647-6903	GR
Dale/Henry Wicke	PO Box 76	Wauneta	69045	308-394-5777	GC

Wiedels Circle E Inc.	RR 1 Box 35	Hebron	68370	402-768-6729	GR
Williams Lawn Seed Inc.	224 W So. Hills Dr.	Maryville, MO	64468	800-457-9571	GR
Winkelman Seed	PO Box 352	Dalton	69131	308-377-2453	GC
Dale/Linda Zoerb	RR 1 Box 105	Litchfield	68852	308-446-2366	GR