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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.

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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 correctly identified, genetically pure seed. 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 that it will also meet the Nebraska Certification Standards for physical purity and germination. The Nebraska Seed Law requires that **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** and **ANALYSIS LABELS**, 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.

**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.

**3. Identity Preserved Grain Programs**

NCIA provides customized identity-preserved services to meet specific needs. These services include field inspection to verify variety/hybrid identity, purity, and environmental conditions affecting quality of end-use traits; measurement of grain traits; and IP labeling.

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	Huntsman	Sunrise	
<b>Millet - Foxtail</b>	Golden German	White Wonder			
<b>Oats - Spring</b>	Don Settler	Jerry	Ogle	Riser	Rodeo
<b>Soybeans</b>	NE1900 NE2802	NE3202	NE3303	NE3399	NE3402
<b>Soybeans - Specialty</b>	U95-3813SS U96-1612 U96-2811	U96-2825SS U96-2831 U96-2906	U97-207209 U97-207211 U97-207647	U97-208043 U97-3506	U97-304539 U97-305646
<b>Wheat - HRW</b>	Alliance Arapahoe Buckskin Centura	Cougar Culver Goodstreak	Harry Karl 92 Millennium	Niobrara Pronghorn Scout 66	Wahoo Wesley 2137
<b>Wheat - HWW</b>	Antelope	Arrowsmith			
<b>Grasses - Cool Season</b>	NEAC2 crested wheatgrass Beefmaker intermediate wheatgrass		NET11 intermediate wheatgrass Manska pubescent wheatgrass		
<b>Grasses - Warm Season</b>	Champ big bluestem Pawnee big bluestem Camper little bluestem Trailway sideoats grama		Pathfinder switchgrass Shawnee switchgrass Trailblazer switchgrass		

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

**Foundation Seed Division  
1071 CR G RM C  
Ithaca, NE 68033  
402-624-8038**



# 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 **PVP** 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.

**PVP BONANZA** - Bonanza is a synthetic variety developed by three generations of breeding for improved forage yield and forage digestibility. It produces good forage yields with high digestibility that results in improved animal gains when utilized by beef cattle in well managed grazing systems. Bonanza is earlier in maturity than Kaw or Goldmine, similar in maturity to Pawnee, and later in maturity than Rountree and Bison.

COUNTY	GROWER	TOWN	TELEPHONE	ACRES
Cass	Stock Seed Farm	Murdock	402-867-3771	17

**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	ACRES
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	ACRES
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	ACRES
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 as 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	ACRES
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	ACRES
Cass	Harvey R. Mills	Murdock	402-867-2956	21
	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	ACRES
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	ACRES
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	ACRES
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	ACRES
Cass	Stock Seed Farm	Murdock	402-867-3771	10
Custer	Arrow Seed Company	Broken Bow	308-872-6826	44

**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 a 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	ACRES
Custer	Arrow Seed Company	Broken Bow	308-872-6826	35

**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	ACRES
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	ACRES
Cass	Harvey R. Mills	Murdock	402-867-2956	34
	Stock Seed Farm	Murdock	402-867-3771	20
Custer	Arrow Seed Company	Broken Bow	308-872-6826	23
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	ACRES
Cass	Harvey R. Mills	Murdock	402-867-2956	15
	Stock Seed Farm	Murdock	402-867-3771	13

**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	ACRES
Cass	Stock Seed Farm	Murdock	402-867-3771	13
Custer	Arrow Seed Company	Broken Bow	308-872-6826	13

**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	ACRES
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	ACRES
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 gravelly 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	ACRES
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	ACRES
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	ACRES
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	ACRES
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-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, 7.

COUNTY	GROWER	TOWN	TELEPHONE	ACRES
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	ACRES
Custer	Arrow Seed Company	Broken Bow	308-872-6826	35
Saunders	Kubik Seed Sales	Prague	402-663-4379	4

**Intermediate Wheatgrass** is a moderately late maturing, cool-season, sod-forming grass that produces excellent quality forage for hay or grazing in the late spring, early summer and fall. It was introduced from eastern Europe in the 1930's and is well adapted to all Major Land Resource Areas in Nebraska. Intermediate wheatgrass is more drought tolerant than smooth brome but less tolerant than crested wheatgrass. Plants are medium height (4+ feet), well tillered, and robust.

**PVP BEEFMAKER** - Beefmaker is an excellent intermediate wheatgrass for grazing. The in vitro dry matter digestibility (IVDMD) rating is one to two percentage points higher than other released wheatgrasses such as Haymaker. Plant height for Beefmaker is 42.5 inches. The head length is 9.9 inches, and head width is 3.7 inches. The flag leaf is located approximately 30.9 inches from the ground. Beefmaker was developed by USDA-ARS and the University of Nebraska. U.S. Plant Variety Protection Applied For (PVPA 1994). Certificate No. 200400232.

COUNTY	GROWER	TOWN	TELEPHONE	ACRES
Box Butte	Dan Laursen	Alliance	308-487-5541	16
Brown	Dennis Bauer	Ainsworth	402-387-2213	22
Custer	Arrow Seed Company	Broken Bow	308-872-6826	14

**HAYMAKER** ) Haymaker is a broadly adapted cultivar that produces high, stable forage yields when used for cool-season grass hay production or for pastures in the tall, mid-grass and short-grass eco-regions of the Central and Northern Great Plains. The forage quality of Haymaker as measured by *in vitro* dry matter digestibility and protein concentration is lower than Beefmaker but similar to that of other released cultivars of intermediate wheatgrass. Plant height is roughly 42 inches tall at maturity. The head length is about 10.3 inches long while the head width is 1/4 inch wide. The flag leaf is located approximately 32 inches from the ground. Haymaker was developed by USDA-ARS and the University of Nebraska. U.S. Plant Variety Protection Applied For (PVPA 1994). Certificate No. 200400234.

COUNTY	GROWER	TOWN	TELEPHONE	ACRES
Scotts Bluff	Carl Thomas	Morrill	308-247-2096	5

**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 rapidly 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	ACRES
Box Butte	Dan Laursen	Alliance	308-487-5541	18

**BARTON** - Barton seed was collected along clay bottomlands in Kansas. It is a strongly rhizomatous leafy type, shows little evidence of rust problems, and is superior in seed production. Its intended use is for pasture and seed production.

COUNTY	GROWER	TOWN	TELEPHONE	ACRES
Custer	Arrow Seed Company	Broken Bow	308-872-6826	10

**Canada Wildrye** is a cool-season, native grass that prefers moist sites. This perennial bunch grass has very good seedling vigor and early spring growth, which makes it easy to establish and cover ground rapidly. It also has some shade tolerance and will grow in sandy soil. The seed head is a nodding spike that matures in July. Canada wildrye leaf blades are flat with a rough upper surface and finely toothed margins. It makes a good companion in a prairie mixture. The plant has ornamental value and the dried seed heads look great in flower arrangements.

**MANDAN** - Mandan wildrye is shorter and is more leafy than ordinary Canada wildrye. It has a longer useful life than many strains and has the ability to withstand grazing over a period of several years. It is easily established and with its rapid grow can produce high forage yields. Mandan can be grown over a wide geographical area. It is susceptible to rust but is more resistant than other strains. It was developed at the Northern Great Plains Field Station from a mass selection collected on upland near Mandan, North Dakota.

COUNTY	GROWER	TOWN	TELEPHONE	ACRES
Saunders	Kubik Seed Sales	Prague	402-663-4379	5

## 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> **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	ACRES
	Rose Agri-See Inc.	Hubbard, OR	503-651-2130	

<sup>PVP</sup> **MOONSHINE** - Moonshine is a Shamrock-type with a bright medium green color and medium leaf texture. Moonshine forms a moderately open, vigorous turf. With good overall disease resistance, including leaf spot, rust, and stripe smut, Moonshine exhibits good winter color and spring green-up. Moonshine is recommended for use on athletic fields, golf courses, sod blends, parks and professional landscaped areas where Kentucky bluegrass is adapted. U.S. Variety Protection Applied For (PVPA 1994). Certificate No. 200500306.

COUNTY	GROWER	TOWN	TELEPHONE	ACRES
	Rose Agri-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.

**PVP 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 course 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	ACRES
Cass	Stock Seed Farm	Murdock	402-867-3771	
Custer	Arrow Seed Company	Broken Bow	308-872-6826	

**PVP 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	ACRES
Cass	Stock Seed Farm	Murdock	402-867-3771	
Custer	Arrow Seed Company	Broken Bow	308-872-6826	

## TURFGRASS SOD

The following Nebraska sod producers are voluntarily using the sod certification process on selected fields in 2005 to assure their customers that extra care has been taken to provide a premium quality turfgrass sod.

### BUFFALOGRASS

COUNTY	PRODUCER	TOWN	TELEPHONE	ACRES
Saunders	Todd Valley Farms	Mead	402-624-6385	10

Nebraska Crop Improvement Association  
is on the web.



[www.unl.edu/ncia](http://www.unl.edu/ncia)

Visit the web page to view publications, programs,  
procedures, forms, etc.

# 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.

**IA3001** - IA3001 is a large seeded indeterminate variety with yellow hila for use in tofu and other food products. It is of early Maturity Group II about two days later than IA2020 and five days later than Vinton 81. Compared to IA2020 in Nebraska and Iowa tests, IA3001 was higher in protein and yield, similar in height with better standability and smaller seed. IA3001 was developed by Iowa State from a cross of three ISU experimental lines. The pedigree includes Vinton 81, Hardin, and B216. Seed of IA3001 may be legally produced and labeled for sale only by qualified individuals and firms who have a license agreement with the Iowa State University Research Foundation (ISURF).

COUNTY	GROWER	TOWN	TELEPHONE	ACRES
Kearney	Roberts Seed	Axtell	308-743-2565	85

**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	ACRES
Clay	Darrel Wehnes & Sons	Inland	402-772-8101	15

**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	ACRES
Thayer	Maschmann Mills	Deshler	402-365-4369	20

## SOYBEAN VARIETY CHARACTERISTICS - 2007

*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. See your Certified Quality Seed source or Cooperative Extension Office for more information on variety adaptation, performance, complementation, and management.*

Variety	PVP Status <sup>1</sup>	Agronomic Characteristics <sup>2</sup>						Phytophthora Root & Stem Rot <sup>5</sup>		Tolerance to Iron Deficiency Chlorosis <sup>3</sup>	White Mold Avoidance <sup>4</sup>	Hilum Color
		Relative Maturity	Height <sup>4</sup>	Canopy Type	Lodging Resistance	Seedling Emergence <sup>4</sup>	Seed Size <sup>4</sup>	Rps Gene	Field Tolerance			
<b>Maturity Group 1</b>												
NE1900	N	1.9	short	mod slender	very good	very good	medium	none	-	-	-	yellow
Vinton 81	N	2.1	medium	mod slender	fair	fair	large	1a	good	fair	fair	yellow
<b>Maturity Group 2</b>												
Colfax	N	2.8	short	mod slender	excellent	very good	med large	none	moderate	fair	good	buff
Conrad	P	2.5	medium	mod slender	very good	good	medium	none	good	poor	fair	brown
<b>Maturity Group 3</b>												
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 slender	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

<sup>1</sup> U.S. Plant Variety Protection: N = not protected, P = protected variety, 94 = applied for or protected under the 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.

<sup>3</sup> 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."

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

<sup>5</sup> 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.

## OAT VARIETY CHARACTERISTICS - 2007

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 short	good	yellow	na	na	na	na	na	IN
Don	N	early	good	short	good	white	R	MS	S	MT	medium	IL
Hyttest	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 high	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 short	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% grain protein content is typical.

## OATS

**BEACH** - Beach is a late maturing variety that heads about the same time as 'Morton'. Beach is relatively tall (similar to Morton) but has very good straw strength and lodging resistance. Awns are absent, but a low frequency of weak awns may occur under some environmental conditions. Beach may produce tall variants (10 cm taller) that comprise less than 1% of the plants under some environmental conditions. Kernels are white and are medium in protein and high in oil percentage. Beach is moderately susceptible to races of crown rust and is resistant to stem rust NA27 but is susceptible to stem rust race NA67. Beach has moderate barley yellow dwarf virus tolerance. Beach was developed by the North Dakota Agricultural Experiment Station from the cross ND891126/ND914832.

COUNTY	GROWER	TOWN	TELEPHONE	ACRES
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	ACRES
Buffalo	Donald Muhlbach	Ravenna	308-452-3588	8
Washington	Ron Smith	Hooper	402-654-3895	12

**<sup>PVP</sup> 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	ACRES
Buffalo	Donald Muhlbach	Ravenna	308-452-3588	22
Cass	Stock Seed Farm	Murdock	402-867-3771	19
Chase	Luhrs Cert Seed & Cond	Enders	308-882-5917	150
Custer	Arrow Seed Company	Broken Bow	308-872-6826	75
Gage	Anderson Seed	Odell	402-766-3790	11
	Thimm Farms	Beatrice	402-228-2222	40
Otoe	Dale Henke	Syracuse	402-269-2522	10

## Jerry Oats (continued)

COUNTY	GROWER	TOWN	TELEPHONE	ACRES
Saunders	Rezac Seed	Valparaiso	402-784-3875	25
Thayer	Maschmann Mills	Deshler	402-365-4369	75
Washington	Ron Smith	Hooper	402-654-3895	12
York	Miller Seed & Supply	York	402-362-5516	40

**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	ACRES
Cheyenne	Kriesel Certified Seed	Gurley	308-884-2424	18

**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. Kernels 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	ACRES
Sheridan	Thorsen Family Farm Inc.	Gordon	308-282-0189	45
Washington	Ron Smith	Hooper	402-654-3895	12

**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	ACRES
Cheyenne	Kriesel Certified Seed	Gurley	308-884-2424	125

**STALLION** - Stallion is a medium-late maturing variety that is 1-2 days later than Jerry. Stallion has superior grain yield, test weight, and great percentage. It is similar to Jerry in barley yellow dwarf virus and stem rust resistance, but has better crown rust resistance. Kernels are white and are medium-high in protein and high in oil percentage. It may exhibit up to 0.5% tall off-types that are approximately 10 inches taller than the general population. Stallion was developed by the South Dakota Agricultural Experiment Station.

COUNTY	GROWER	TOWN	TELEPHONE	ACRES
Saunders	Rezac Seed	Valparaiso	402-784-3875	11
Washington	Ron Smith	Hooper	402-654-3895	8

## SPRING BARLEY

**BURTON** - Burton is a Russian wheat aphid-resistant, two-rowed, hulled, spring feed barley. It has a semi-lax spike that nods at maturity and its awns are long and rough. Burton is taller than Baronesses and under good moisture and fertility may lodge more than Baronesses. Burton has good heat and drought tolerance. Burton was developed by the ARS-USDA, and the Idaho, Colorado, Nebraska, and New Mexico Agricultural Experiment Stations from the cross of Baronesses/3/Crystal/2/Klages\*3/PI 366450.

COUNTY	GROWER	TOWN	TELEPHONE	ACRES
Cheyenne	Kriesel Certified Seed	Gurley	308-884-2424	30

## FIELD PEAS

<sup>PVP</sup> **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	ACRES
Box Butte	Dan Laursen	Alliance	308-487-5541	52

# MILLET

**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	ACRES
Cheyenne	Kriesel Certified Seed	Gurley	308-884-2424	125

**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	ACRES
Cheyenne	Kriesel Certified Seed	Gurley	308-884-2424	182

**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	ACRES
Cheyenne	Kriesel Certified Seed	Gurley	308-884-2424	155
	Winkelman Seed	Dalton	308-377-2453	124
Sedgwick	James Dolezal	Julesburg, CO	970-885-3365	25

**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	ACRES
Cheyenne	Kriesel Certified Seed	Gurley	308-884-2424	111

## MILLET VARIETY CHARACTERISTICS ) 2007

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 EC99-107A 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; <

# 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, please contact the participating company.

County	Grower	Town	Telephone
Adams	Remington Hybrid Seed Co.	Hastings	402-463-5581
Buffalo	Monsanto Company	Kearney	308-234-9710
Douglas	Syngenta Seeds	Waterloo	402-779-2531
Fillmore	Lauber Seed Professionals LLC	Geneva	402-759-3102
Hamilton	Syngenta Seeds	Phillips	402-886-2257
Hall	Pioneer Hi-Bred International	Doniphan	402-744-3271
Madison	Ag Reliant Genetics LLC	Battle Creek	402-675-2975
	Boe Seed Farm inc.	Madison	402-454-2884
Seward	Cast Farms	Beaver Crossing	402-532-7515
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 2006, 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>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 Nemours & 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.**



# 2006 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. This membership is a non-voting member.

Bulk Retail Facility (BK) ) A member who has adequate facilities to maintain the genetic purity of bulk conditioned seed and purchases certified seed from another certification member for the purpose of retailing seed in the bulk. This membership is a non-voting member.

Service (SV) ) A member who utilizes some portion of the services of NCIA and pays fees for the services provided. They do not condition, produce, or sell Nebraska certified seed. The services may include, but not be limited to, any of the following programs: Identity Preserved, Quality Assurance, auditing, consulting, or laboratory testing. This membership is a non-voting member.

Ag Operations Group	3026 Rd. 199	Big Springs	69122	308-889-3429	AC
AgReliant Genetics LLC	PO Box C	Battle Creek	68715	402-675-2975	AC
Agrex Inc.	PO Box 447	Superior	68978	402-879-4774	GR
AgriPro	PO Box 86	Assaria, KS	67416	785-667-2335	AM
AgriPro Wheat	PO Box 30	Berthoud, CO	80513	970-532-3721	GR
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
Kendall Atkins	3455 Rd 55 E.	Dix	69133	308-682-5647	GC
Bargen Trucking Inc.	1347 Rd. 4100	Nora	68961	402-225-2164	GR
Bartco	34605 Rd 725	Wauneta	69045	308-394-5423	GR
Dennis Bauer	1354 E. 1 <sup>st</sup>	Ainsworth	69210	402-387-2213	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
Bern Seed Co.	PO Box 27	Bern, KS	66408	785-336-3046	AC
BH Genetics	5933 FM 1157	Ganado TX	77962	361-771-2855	SV
BioPlant Research	PO Box 320	Camp Point IL	62320	800-593-7708	AM
Blair Seed Services	525 S. 1 St	Blair	68008	402-533-2244	AC
Blue Sun BioDiesel	1400 W 122 Ave Ste 1	Westminister CO	80234	303-865-7700	GR
Blue Valley Seed	6237 W Dogwood Rd	DeWitt	68341	402-239-0566	AC
Boe Seed Farm, Inc.	PO Box 10	Madison	68748	402-454-2884	GR
Robert Bolte	2073 Rd. 1800	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	7355 Gage Rd.	Hemingford	69348	308-487-3995	GC
Buysm Sod Farms	PO Box 370	Elm Creek	68836	308-856-4633	GR
C & C Farms	645 Rd. 4900	Superior	68978	402-879-4639	GC
Campstool Farms	102 Ridge Rd	Kimball	69145	308-235-7284	GR
Carter Certified Seed	1208 - 6 <sup>th</sup>	Chappell	69129	308-874-2595	AC
Mark Caspers	RR 1 Box 104	Auburn	68305	402-274-3800	GR
Cast Farms, Inc.	4275 Van Dorn Rd.	Beaver Crossing	68313	402-532-7515	GR
Cole Seed Farm, Inc.	2101 Church Rd.	Plattsmouth	68048	402-298-8169	AC
Glenn Colson	75540 Rd. 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
Crosbyton Int Seed Co.	PO Box 429	Crosbyton TX	79322		SV
Cullan Farms	6731 Franklin Rd.	Hemingford	69348	308-487-5288	AC
Deer Creek Farms	2901 - 470 Trail	Rushville	69360	308-327-2550	GR
Kenneth Degenhardt	6264 Rd. J	Hebron	68370	402-768-2352	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. Ebbers	57065 Hwy 4	Daykin	68338	402-446-7423	GR
Darrel Eberspacher	787 - 308 St.	Seward	68434	402-761-3178	GR
Fontanelle Hybrids	2005 N. Somers	Fremont	68025	402-721-6348	GC
Kirk Foster	44774 Rd. 794	Berwyn	68819	308-935-1672	GR
Foundation Seed Division	1071 CR G RM C	Ithaca	68033	402-624-8038	AC
Frenchman Valley Farmer Coop	143 Broadway	Imperial	69033	308-882-3224	AC
Troy Fuelberth	88165 Hwy 81	Hartington	68739	402-254-6903	GR
Gangwish Seed Farms Inc	PO Box 530	Shelton	68876	308-647-5301	GR
Garst Seed Co.	615 Main St.	Coon Rapid IA	50058	712-684-3248	GR
Gleason Farms, Inc.	724 S. Cameron Rd.	Wood River	68883	308-583-2413	GR
Golden Acres Genetics	PO Box 20787	Waco, TX	76702	254-761-9838	AM
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
Gro Alliance LLC	14633 Hwy K64	Whiting IA	51063	712-458-2175	CC
Gross Seed Co. Inc.	HC 66 Box 13	Johnstown	69214	402-722-4215	AM
Gustafson Inc.	18757 Orchard Ave.	Omaha	68135	402-502-5420	AM
Richard Ham	33694 River Rd.	Benkelman	69021	308-423-2936	GR
D & S Hansen Farms	982 CR 63	Hemingford	69348	308-760-0189	AC
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.	Wymore	68466	402-674-3188	AC
Harlan F. Husa	926 Rd. 7100	Hebron	68370	402-768-2423	AC
Illinois Foundation Seed	2840 O St Rd.	Seward	68434	402-643-3691	AM
J.R. Ingwerson	17414 Ingwerson Lane	Plattsmouth	68048	402-298-8572	SV
IPSA	2320 S. 48 Ste 102	Lincoln	68506	402-483-2571	AM
Jandera Inc.	63008 - 733A Road	Brock	68320	402-868-4215	GR
Thomas Jehorek	825 Rd W 50	Brule	69127	308-287-2327	GR
Von Johnson	424 Shole Ave	Cambridge	69022	308-697-4654	GC
William Junge	2621 - 590 Rd.	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
KDH Sales	63947 - 725 Rd.	Auburn	68305	402-274-5665	GR
Kelley Bean Co.	28810 CR S	Brush CO	80723	970-842-5082	GR
Kelley Bean Co.	RR 2 Box 11A	Mayville, ND	58257	701-543-3000	GR
Kelley Bean Co.	PO Box 2488	Scottsbluff	69361	308-635-6438	AC
KFF	#29 Rolling Hills Rd.	Kearney	68845	308-234-4819	GR
Kirchhoff Farms, Inc.	4752 Hwy 8	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
Larson Cattle Co.	1891 Rd. 63	Potter	69156	308-235-2384	GR
Lauber Seed Professionals 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
Loschen Farms Inc.	485 X Rd.	Wilcox	68982	308-938-5553	GR
Luhrs Cert Seed & Conditioning	73421 - 340 Ave.	Enders	69027	308-882-5917	AC
Leon Lutkemeier	2357 - 400 Rd.	Bladen	68928	402-756-8488	GR
Bruce A. Madsen	5284 B Rd.	Nehawka	68413	402-263-5555	GR
Maschmann Mills	PO Box 428	Deshler	68340	402-365-4369	AC
Mayer Seed	63718-724 Rd.	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
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	73001- 627 Ave.	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

Nebraska Ag Specialties	1717 E Hwy 6	Holdrege	68949	308-995-2246	BK
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	30951 Rd. W	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 Rd. 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 Rd. 751	Elsie	69134	308-228-2296	GC
Paramount Seed	7682 CR Z	Quinter KS	67752	785-754-2151	GR
Stanley Pavelka Farms	18350 S. Conestoga	Bladen	68928	402-756-3010	GR
Perry Brothers Seed	517 S. Washington	Otis CO	80743	970-246-3401	AM
Peters Seed Farms Inc.	71353 Rd. 378	McCook	69001	308-345-5170	GC
Petersen Farms Inc.	1420 E. Capital	Grand Island	68801	308-382-1672	GR
Petersen Land & Cattle	721 Pacific St.	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. 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	71927 - 649 Ave.	Shubert	68437	402-883-2365	GC
Polansky Seed	2729 M St.	Belleville,KS	66935	785-527-2271	GR
Poppe Farms	200 Central Ave.	Grant	69140	308-252-2206	GR
Potthoff Coyote Canyons	HC 2 Box 122	Trenton	69044	308-276-2548	GR
Prairie Seed Company	87194 - 494 Ave.	O'Neill	68763	402-336-1250	AC
Providence Farms/Keith Berns	932 Rd. X	Bladen	68928	402-756-1094	GR
R & C Sprinklers LLC	2 East B St	Ogallala	69153	308-284-2114	AC
Radke Engineering	3619 Eastpark Rd.	Cedar Falls IA	50613	877-588-3211	CC
Ramaeker Organic Farms	PO Box 1	Monroe	68647	402-495-3555	GR
Remington Hybrid Seed Co.	311 Rd. 3163	Hastings	68901	402-463-5581	AC
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
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
Rose Agri-Seed	PO Box 250	Hubbard OR	97032	800-247-6910	GR
Jeff/Norman Rose	2016 Rd. S	Blue Hill	68930	402-756-2073	GR
George Russell	PO Box 82	Maywood	69038	308-362-4459	CC
John W Scharf	RR 1 Box 8	Curtis	69025	308-367-4174	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	5865 Rd. 115	Dalton	69131	308-377-2502	GR
Scotts Turf-Seed	7644 Keene Rd. NE	Gervais OR	97026	503-792-3633	AM
Scoular Grain	2027 Dodge St.	Omaha	68102	402-342-3500	GR
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
J.R. Simplot Company	PO Box 99	Hershey	69143	308-368-5651	BK
Ron Smith	27712 CR 10	Hooper	68031	402-654-3895	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
Staseline Bean Producers Coop	HC 85 Box 46	Bridgeport	69336	308-262-1222	GR
Stauffer Seeds	PO Box 128	Carroll, IA	51401	712-792-2525	GR
David Stock	28008 Mill Rd.	Murdock	68407	402-867-3771	GR
Stock Seed Farm	28008 Mill Rd.	Murdock	68407	402-867-3771	AC
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
Syngenta Seeds Inc.	PO Box 307	Waterloo	68069	402-779-2531	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.	1445 - 680 Rd.	Gordon	69343	308-282-0189	GR
Thunderbird Seed Conditioning	76475 Rd. J	Towner, CO	81071	719-727-4347	CC
Todd Valley Farms	PO Box 202	Mead	68041	402-624-6385	GR
Trinidad/Benham	PO Box 427	Bridgeport	69336	308-262-1361	AC
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	402-757-3210	GC
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
Westco	PO Box 516	Morrill	69358	308-247-2126	AC
Western Nebraska Farm	PO Box 86	Venango	69168	308-447-5622	GR
Dale/Henry Wicke	PO Box 76	Wauneta	69045	308-394-5777	GC
Wiedel's Circle E Inc.	875 Hwy 81	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