2007

2007 Spring Seed Book

Nebraska Crop Improvement Association

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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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Von Johnson, Cambridge .................................................. Treasurer (District 3)

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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.

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**FOUNDATION SEED**

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

**Alfalfa**
- Wrangler

**Beans - Edible**
- Chase Pinto
- Weiheing GN

**Millet - Proso**
- Dawn
- Earlybird
- Huntsman
- Sunrise

**Millet - Foxtail**
- Golden German
- White Wonder

**Oats - Spring**
- Don
- Jerry
- Ogle
- Riser
- Rodeo

**Soybeans**
- NE1900
- NE2802
- NE3202
- NE3303
- NE3399
- NE3402

**Soybeans - Specialty**
- U95-3813SS
- U96-1612
- U96-2811
- U96-2825SS
- U96-2831
- U96-2906
- U97-207209
- U97-207211
- U97-207647
- U97-208043
- U97-208043
- U97-304539
- U97-305646

**Wheat - HRW**
- Alliance
- Arapahoe
- Buckskin
- Centura
- Cougar
- Culver
- Goodstreak
- Harry
- Karl 92
- Millennium
- Scout 66
- Wesley
- Wahoo
- 2137

**Wheat - HWW**
- Antelope
- Arrowsmith

**Grasses - Cool Season**
- NEAC2 crested wheatgrass
- Beefmaker intermediate wheatgrass
- NET1 intermediate wheatgrass
- Manska pubescent wheatgrass

**Grasses - Warm Season**
- 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.

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**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.

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**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.

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**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.

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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.

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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.

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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.

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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.

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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.

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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.

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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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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 Ot. Nebraska 54 is typical of central plains ecotypes.

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**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.

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<td>308-247-2096</td>
<td>16</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>COUNTY</th>
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<td>Arrow Seed Company</td>
<td>Broken Bow</td>
<td>308-872-6826</td>
<td>13</td>
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</tbody>
</table>

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.

<table>
<thead>
<tr>
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<td>Morrill</td>
<td>Laux Seed Farm</td>
<td>Bridgeport</td>
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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.

<table>
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<tr>
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<td>Broken Bow</td>
<td>308-872-6826</td>
<td>17</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
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</table>

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.

<table>
<thead>
<tr>
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<tr>
<td>Saunders</td>
<td>Kubik Seed Sales</td>
<td>Prague</td>
<td>402-663-4379</td>
<td>4</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
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<td>Alliance</td>
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</tr>
<tr>
<td>Brown</td>
<td>Dennis Bauer</td>
<td>Ainsworth</td>
<td>402-387-2213</td>
<td>22</td>
</tr>
<tr>
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<td>Arrow Seed Company</td>
<td>Broken Bow</td>
<td>308-872-6826</td>
<td>14</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
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<tbody>
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<tr>
<td>Brown</td>
<td>Dennis Bauer</td>
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<td>Custer</td>
<td>Arrow Seed Company</td>
<td>Broken Bow</td>
<td>308-872-6826</td>
<td>14</td>
</tr>
</tbody>
</table>
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.

**FVP 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.

**FVP 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.

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**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.

**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.

**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.

---

<table>
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<tr>
<th>COUNTY</th>
<th>GROWER</th>
<th>TOWN</th>
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<th>ACRES</th>
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<td>Saunders</td>
<td>Kubik Seed Sales</td>
<td>Prague</td>
<td>402-663-4379</td>
<td>5</td>
</tr>
</tbody>
</table>
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.

**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 though 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 (PVPA 1994). Certificate No. 200100201.

<table>
<thead>
<tr>
<th>COUNTY</th>
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<tr>
<td>Cass</td>
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<td>Murdock</td>
<td>402-867-3771</td>
<td></td>
</tr>
<tr>
<td>Custer</td>
<td>Arrow Seed Company</td>
<td>Broken Bow</td>
<td>308-872-6826</td>
<td></td>
</tr>
</tbody>
</table>

**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.

<table>
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<tr>
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</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>COUNTY</th>
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<th>TOWN</th>
<th>TELEPHONE</th>
<th>ACRES</th>
</tr>
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<tbody>
<tr>
<td>Saunders</td>
<td>Todd Valley Farms</td>
<td>Mead</td>
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</table>

Nebraska Crop Improvement Association

is on the web.

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).

<table>
<thead>
<tr>
<th>COUNTY</th>
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<tr>
<td>Kearney</td>
<td>Roberts Seed</td>
<td>Axtell</td>
<td>308-743-2565</td>
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</table>

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.

<table>
<thead>
<tr>
<th>COUNTY</th>
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<tbody>
<tr>
<td>Clay</td>
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<td>Inland</td>
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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.

<table>
<thead>
<tr>
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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.

<table>
<thead>
<tr>
<th>Variety</th>
<th>PVP Status</th>
<th>Relative Maturity</th>
<th>Height</th>
<th>Canopy Type</th>
<th>Lodging Resistance</th>
<th>Seedling Emergence</th>
<th>Seed Size</th>
<th>Phytophthora Root &amp; Stem Rot</th>
<th>Tolerance to Iron Deficiency Chlorosis</th>
<th>White Mold Avoidance</th>
<th>Hilum Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>NE1900</td>
<td>N</td>
<td>1.9</td>
<td>short</td>
<td>mod slender</td>
<td>very good</td>
<td>very good</td>
<td>medium</td>
<td>none</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Vinton 81</td>
<td>N</td>
<td>2.1</td>
<td>medium</td>
<td>mod slender</td>
<td>fair</td>
<td>fair</td>
<td>large</td>
<td>1a</td>
<td>good</td>
<td>fair</td>
<td>-</td>
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</table>

Maturity Group 2

<table>
<thead>
<tr>
<th>Variety</th>
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<th>Height</th>
<th>Canopy Type</th>
<th>Lodging Resistance</th>
<th>Seedling Emergence</th>
<th>Seed Size</th>
<th>Phytophthora Root &amp; Stem Rot</th>
<th>Tolerance to Iron Deficiency Chlorosis</th>
<th>White Mold Avoidance</th>
<th>Hilum Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colfax</td>
<td>N</td>
<td>2.8</td>
<td>short</td>
<td>mod slender</td>
<td>excellent</td>
<td>very good</td>
<td>med large</td>
<td>none</td>
<td>moderate</td>
<td>fair</td>
<td>-</td>
</tr>
<tr>
<td>Conrad</td>
<td>P</td>
<td>2.5</td>
<td>medium</td>
<td>mod slender</td>
<td>very good</td>
<td>very good</td>
<td>good</td>
<td>none</td>
<td>moderate</td>
<td>poor</td>
<td>good</td>
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Maturity Group 3

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<thead>
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<th>Height</th>
<th>Canopy Type</th>
<th>Lodging Resistance</th>
<th>Seedling Emergence</th>
<th>Seed Size</th>
<th>Phytophthora Root &amp; Stem Rot</th>
<th>Tolerance to Iron Deficiency Chlorosis</th>
<th>White Mold Avoidance</th>
<th>Hilum Color</th>
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</thead>
<tbody>
<tr>
<td>Dunbar</td>
<td>N</td>
<td>3.3</td>
<td>mod tall</td>
<td>mod bushy</td>
<td>very good</td>
<td>very good</td>
<td>medium</td>
<td>+</td>
<td>moderate</td>
<td>good</td>
<td>poor</td>
</tr>
<tr>
<td>Hamilton</td>
<td>P</td>
<td>3.6</td>
<td>mod tall</td>
<td>bushy</td>
<td>good</td>
<td>fair</td>
<td>medium</td>
<td>none</td>
<td>poor</td>
<td>poor</td>
<td>-</td>
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<tr>
<td>Hobbit 87</td>
<td>P</td>
<td>3.3</td>
<td>short</td>
<td>mod bushy</td>
<td>very good</td>
<td>very good</td>
<td>medium</td>
<td>1k</td>
<td>very good</td>
<td>poor</td>
<td>poor</td>
</tr>
<tr>
<td>NE3001</td>
<td>N</td>
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<td>medium</td>
<td>bushy</td>
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<td>mod slender</td>
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<td>very good</td>
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<td>medium</td>
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<td>very good</td>
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<td>poor</td>
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<td>mod bushy</td>
<td>good</td>
<td>very good</td>
<td>medium</td>
<td>none</td>
<td>moderate</td>
<td>fair</td>
<td>fair</td>
</tr>
<tr>
<td>Probst</td>
<td>P-94</td>
<td>3.6</td>
<td>mod tall</td>
<td>mod bushy</td>
<td>very good</td>
<td>very good</td>
<td>medium</td>
<td>1k</td>
<td>very good</td>
<td>poor</td>
<td>fair</td>
</tr>
<tr>
<td>Williams 82</td>
<td>N</td>
<td>3.8</td>
<td>tall</td>
<td>mod bushy</td>
<td>good</td>
<td>good</td>
<td>medium</td>
<td>1k</td>
<td>very good</td>
<td>very poor</td>
<td>poor</td>
</tr>
</tbody>
</table>

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 will be 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 3200 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. 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.

<table>
<thead>
<tr>
<th>Variety</th>
<th>PVP Status</th>
<th>Agronomic Characteristics</th>
<th>Disease Reaction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blaze</td>
<td>P-94</td>
<td>medium good medium fair tan</td>
<td>- - MS-MR MT medium IL</td>
</tr>
<tr>
<td>Classic</td>
<td>N</td>
<td>early - mod short good yellow</td>
<td>na na na na IN</td>
</tr>
<tr>
<td>Don</td>
<td>N</td>
<td>early good short good white</td>
<td>R MS S MT medium IL</td>
</tr>
<tr>
<td>Hytest</td>
<td>N</td>
<td>medium v good tall good cream</td>
<td>MR MS MS MS high SD</td>
</tr>
<tr>
<td>Jerry</td>
<td>P-94</td>
<td>medium v good tall v good white</td>
<td>- MS MR MS med high ND</td>
</tr>
<tr>
<td>Jim</td>
<td>N</td>
<td>med early good medium good yellow</td>
<td>R S S MT medium MN</td>
</tr>
<tr>
<td>Loyal</td>
<td>N</td>
<td>Late good medium good white</td>
<td>R MS R MS medium SD</td>
</tr>
<tr>
<td>Ogle</td>
<td>N</td>
<td>medium fair medium good yellow</td>
<td>MS S S T low IL</td>
</tr>
<tr>
<td>Powell</td>
<td>N</td>
<td>medium fair mod short good yellow</td>
<td>na na na na ID</td>
</tr>
<tr>
<td>Prairie</td>
<td>P</td>
<td>medium fair medium good tan</td>
<td>MS MS MS T low WI</td>
</tr>
<tr>
<td>Reeves</td>
<td>N</td>
<td>early v good tall good white</td>
<td>MR S MR MR medium SD</td>
</tr>
<tr>
<td>Riser</td>
<td>N</td>
<td>early v good medium good yellow</td>
<td>R S R MS high SD</td>
</tr>
<tr>
<td>Rodeo</td>
<td>P-94</td>
<td>medium good tall good yellow</td>
<td>S - MS-MR MT low IL</td>
</tr>
<tr>
<td>Rodney</td>
<td>N</td>
<td>late fair tall fair white</td>
<td>MR S S S low CAN</td>
</tr>
<tr>
<td>Russell</td>
<td>N</td>
<td>late fair tall fair white</td>
<td>R S S S medium CAN</td>
</tr>
<tr>
<td>Settler</td>
<td>N</td>
<td>medium good mod tall fair white</td>
<td>MR S S MS MS high SD</td>
</tr>
</tbody>
</table>

1 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.

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 will be influenced by soil, weather, pests, and other production conditions. For yield comparisons, see EC 99-107A.

3 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.

4 A rank of medium means 15 to 16% grain protein content is typical.

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 |

PVF 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 |
Otoe | Dale Henke | Syracuse | 402-269-2522 | 10 |
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.

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.

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. Russell has good heat and drought tolerance. Russell 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.

STALLION - Stallion is a medium-late maturing variety that is 1-2 days later than Jerry. Stallion has superior grain yield, test weight, and groat 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.

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.

FIELD PEAS

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.
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.

<table>
<thead>
<tr>
<th>COUNTY</th>
<th>GROWER</th>
<th>TOWN</th>
<th>TELEPHONE</th>
<th>ACRES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cheyenne</td>
<td>Kriesel Certified Seed</td>
<td>Gurley</td>
<td>308-884-2424</td>
<td>125</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>COUNTY</th>
<th>GROWER</th>
<th>TOWN</th>
<th>TELEPHONE</th>
<th>ACRES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cheyenne</td>
<td>Kriesel Certified Seed</td>
<td>Gurley</td>
<td>308-884-2424</td>
<td>182</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>COUNTY</th>
<th>GROWER</th>
<th>TOWN</th>
<th>TELEPHONE</th>
<th>ACRES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cheyenne</td>
<td>Kriesel Certified Seed</td>
<td>Gurley</td>
<td>308-884-2424</td>
<td>155</td>
</tr>
<tr>
<td>Sedgwick</td>
<td>James Dolezal</td>
<td>Julesburg, CO</td>
<td>970-885-3365</td>
<td>25</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>COUNTY</th>
<th>GROWER</th>
<th>TOWN</th>
<th>TELEPHONE</th>
<th>ACRES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cheyenne</td>
<td>Kriesel Certified Seed</td>
<td>Gurley</td>
<td>308-884-2424</td>
<td>111</td>
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</tbody>
</table>

MILLET VARIETY CHARACTERISTICS 2007

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

1 See EC99-107A for variety yield comparisons.
2 General Ratings: short < 33", medium = 34-40", tall > 40".
3 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.

<table>
<thead>
<tr>
<th>County</th>
<th>Grower</th>
<th>Town</th>
<th>Telephone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adams</td>
<td>Remington Hybrid Seed Co.</td>
<td>Hastings</td>
<td>402-463-5581</td>
</tr>
<tr>
<td>Buffalo</td>
<td>Monsanto Company</td>
<td>Kearney</td>
<td>308-234-9710</td>
</tr>
<tr>
<td>Douglas</td>
<td>Syngenta Seeds</td>
<td>Waterloo</td>
<td>402-779-2531</td>
</tr>
<tr>
<td>Fillmore</td>
<td>Lauber Seed Professionals LLC</td>
<td>Geneva</td>
<td>402-759-3102</td>
</tr>
<tr>
<td>Hamilton</td>
<td>Syngenta Seeds</td>
<td>Phillips</td>
<td>402-886-2257</td>
</tr>
<tr>
<td>Hall</td>
<td>Pioneer Hi-Bred International</td>
<td>Doniphan</td>
<td>402-744-3271</td>
</tr>
<tr>
<td>Madison</td>
<td>Ag Reliant Genetics LLC</td>
<td>Battle Creek</td>
<td>402-675-2975</td>
</tr>
<tr>
<td></td>
<td>Boe Seed Farm inc.</td>
<td>Madison</td>
<td>402-454-2884</td>
</tr>
<tr>
<td>Seward</td>
<td>Cast Farms</td>
<td>Beaver Crossing</td>
<td>402-532-7515</td>
</tr>
<tr>
<td>York</td>
<td>Mycogen Plant Sciences</td>
<td>York</td>
<td>402-362-7441</td>
</tr>
<tr>
<td></td>
<td>Pioneer Hi-Bred International</td>
<td>York</td>
<td>402-362-3349</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Seed Enterprise</th>
<th>Telephone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bio Gene Seeds</td>
<td>888-862-3276</td>
</tr>
<tr>
<td>Hoegemeyer Hybrids</td>
<td>402-654-3399</td>
</tr>
<tr>
<td>Midland Seed Associates</td>
<td>800-643-4340</td>
</tr>
<tr>
<td>NuPride Genetics Network</td>
<td>402-472-1444</td>
</tr>
</tbody>
</table>

**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.
### 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
- Cullum Farms (Hemingford) 308-487-3905
- D&S Hansen Farms (Hemingford) 308-760-0189
- Heritage Seed Company Inc. (Crawford) 308-665-1672
- Kelley Bean Company (Scottsbluff) 308-635-6348
- Kriesel Certified Seed (Gurley) 308-884-2424
- Dewain Lockwood (Kimball) 308-235-4104
- New Alliance Bean & Grain (Alliance) 308-762-8104
- Trinidad & Benham (Bridgeport) 308-262-1361
- Westco (Morrill) 308-247-2126

<table>
<thead>
<tr>
<th>Approved Conditioner</th>
<th>Contact</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Miller Seed &amp; Supply Company</td>
<td>York</td>
<td>402-362-5516</td>
</tr>
<tr>
<td>Myogen Plant Sciences</td>
<td>York</td>
<td>402-362-7441</td>
</tr>
<tr>
<td>Pioneer Hi-Bred International, Inc.</td>
<td>Doniphan</td>
<td>402-744-3271</td>
</tr>
<tr>
<td>Pioneer Hi-Bred International, Inc.</td>
<td>York</td>
<td>402-362-3349</td>
</tr>
<tr>
<td>Remington Hybrid Seed Co.</td>
<td>Hastings</td>
<td>402-463-5581</td>
</tr>
<tr>
<td>Roberts Seed</td>
<td>Axtell</td>
<td>308-743-2565</td>
</tr>
<tr>
<td>Star Seed, Inc.</td>
<td>Osborne, KS</td>
<td>913-346-5447</td>
</tr>
<tr>
<td>Syngenta Seeds Inc.</td>
<td>Phillips</td>
<td>402-886-2257</td>
</tr>
<tr>
<td>Darrel Wehnes and Sons</td>
<td>Inland</td>
<td>402-772-8101</td>
</tr>
</tbody>
</table>

| Westco (Morrill)                      | Kelley Bean Company (Mayville, ND) | 701-543-3000 |

#### Southwest District
- Dunbar Seed (Eustis) 308-486-5590
- Frenchman Valley Coop (Imperial) 308-882-3224
- Haskins Seed Cleaning (Wauneta) 308-394-5530
- Luhrs Certified Seed & Cond (Enders) 308-882-5917
- Olson Livestock & Seed (Haigler) 308-297-3283
- R & C Sprinklers LLC (Ogallala) 308-284-2114
- Sharp Brothers Seed Company (Healy, KS) 316-398-2231

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| Thunderbird Seed Conditioning (Towner CO) 800-289-1415 | Portable Seed Cleaner |

#### Northeast District
- Radke Engineering, Inc. (Big Springs) 877-588-3211

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#### South Central District
- Harlan Husa (Hebron) 402-768-2423
- Knobel Seeds (Fairbury) 402-446-7394
- Lauber Seed Professionals LLC (Geneva) 402-759-3102
- Maschmann Mills (Deshler) 402-365-4369

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#### 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. 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.

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<tr>
<th>Approved Conditioner</th>
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<tr>
<td>*Radke Engineering, Inc.</td>
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<td>877-588-3211</td>
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<td>*Greenbank Inc.</td>
<td>Fort Morgan CO</td>
<td>800-615-4769</td>
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<tr>
<td>*George Russell</td>
<td>Maywood</td>
<td>308-362-4459</td>
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<td>Thunderbird Seed Conditioning</td>
<td>Towner CO</td>
<td>800-289-1415</td>
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NOTE: Some firms listed as Approved Seed Conditioners also provide custom seed cleaning services.
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
AgReliant Genetics LLC  PO Box C
Agrex Inc.  PO Box 447
AgriPro  PO Box 86
AgriPro Wheat  PO Box 30
Anderson Seed  42401 SW 61 Odell Rd
Arrow Seed Company  PO Box 722
Kendall Atkins  3455 Rd 55 E.
Bargen Trucking Inc.  1347 Rd. 4100
Barto  34605 Rd 725
Dennis Bauer  1354 E. 1st
Leonard Bayer  2115 CR 14
Beebe Seed Farms, Inc.  1291 Old Lincoln Hwy
Bern Seed Co.  PO Box 27
BH Genetics  5933 FM 1157
BioPlant Research  PO Box 320
Blair Seed Services  525 S. 1st St
Blue Sun BioDiesel  1400 W 122 Ave Ste 1
Blue Valley Seed  6237 W Dogwood Rd
Boe Seed Farm, Inc.  PO Box 10
Robert Boite  2073 Rd. 1800
Brainey Companies  3400 - 109th St.
Broberg Farms  PO Box 586
Edgar Buescher & Sons  RR 1 Box 636
D.K. Buskirk & Sons  7355 Gage Rd.
Buysm Sod Farms  PO Box 370
C & C Farms  645 Rd. 4900
Campstool Farms  102 Ridge Rd
Carter Certified Seed  1208 - 6th
Mark Caspers  RR 1 Box 104
Cast Farms, Inc.  4275 Van Dorn Rd.
Cole Seed Farm, Inc.  2101 Church Rd.
Glenn Colson  75540 Rd. 345
Condon Farms, Inc.  86959 Hwy 13
Corn States Hybrid Service  2505 McKinley
Crosbyton Int Seed Co.  PO Box 429
Cullan Farms  6731 Franklin Rd.
Deer Creek Farms  2901 - 470 Trail
Kenneth Degenhardt  6264 Rd. J
James J. Dolezal  16235 CR 63
Joseph Dubas  5225 Sunlight Ct.
Dunbar Seed  HC 70 Box 19
EBM Mill & Elevator  1014 Shenwood Rd.
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<td>Westco</td>
<td>PO Box 516</td>
<td>Morrill</td>
<td>69358</td>
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<tr>
<td>Western Nebraska Farm</td>
<td>PO Box 86</td>
<td>Venango</td>
<td>69168</td>
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<td>Dale/Henry Wicke</td>
<td>PO Box 76</td>
<td>Wauneta</td>
<td>69045</td>
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<tr>
<td>Wiedel's Circle E Inc.</td>
<td>875 Hwy 81</td>
<td>Hebron</td>
<td>68370</td>
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<tr>
<td>Williams Lawn Seed Inc.</td>
<td>224 W So. Hills Dr.</td>
<td>Maryville MO</td>
<td>64468</td>
</tr>
<tr>
<td>Winkelman Seed</td>
<td>PO Box 352</td>
<td>Dalton</td>
<td>69131</td>
</tr>
<tr>
<td>Dale/Linda Zoerb</td>
<td>RR 1 Box 105</td>
<td>Litchfield</td>
<td>68852</td>
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