

PERENNIAL FORAGE GRASSES

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Custer	Arrow Seed Company	Broken Bow	308-872-6826		18
Morrill	Laux Seed Farm	Bridgeport	308-262-0512		9

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

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cass	Stock Seed Farm	Murdock	402-867-3711		5
Custer	Arrow Seed Company	Broken Bow	308-872-6826		67

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

REGAR | Regar meadow bromgrass 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	REG	CERT
Custer	Arrow Seed Company	Broken Bow	308-872-6826	50	

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

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

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Knox	Condon Farms Inc.	Creighton	402-358-3506		131

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

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

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

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

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

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Buffalo	Platte River Seed Co.	Kearney	308-237-5253	5	
Cass	Harvey R. Mills	Murdock	402-867-2956	5	42
	Stock Seed Farm	Murdock	402-867-3771	21	7
Custer	Arrow Seed Company	Broken Bow	308-872-6826	28	
Saunders	Kubik Seed Sales	Prague	402-663-4379	3	

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

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cass	Stock Seed Farm	Murdock	402-867-3771	15	

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

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

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

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

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

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

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

Sand Lovegrass is a native warm-season bunchgrass which starts its growth in the early spring and may stay green into late summer. Plants are medium height (4+ feet) and well tillered. It is a highly palatable and nutritious range grass with a deep root system and good drought resistance. It lacks persistence under heavy grazing. Sand lovegrass has high seedling vigor, establishes quickly, withstands low soil fertility, and reseeds itself readily. It is a useful component for warm-season grass mixtures on most soils and sites in Nebraska.

NEBRASKA 27 Nebraska 27 is a variety selected by the USDA-ARS and Nebraska for native Nebraska ecotypes collected in Holt county. It is a widely adapted, winterhardy, and persistent strain. In the northern Great Plains, it has demonstrated superior performance to selections of more southern origins.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Morrill	Laux Seed Farm	Bridgeport	308-262-0512		5

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	REG	CERT
Scotts Bluff	Carl Thomas	Morrill	308-247-2096		8

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.

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

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

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

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

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

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

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

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Custer	Arrow Seed Company	Broken Bow	308-872-6826		34
Saline	Ronald Vlasin	Crete	402-826-3422		25
Saunders	Kubik Seed Sales	Prague	402-663-4379		4

Thickspike Wheatgrass is a native cool-season, sod-forming grass which provides early spring forage on lighter textured, dryland soils and at higher elevation. It is strongly rhizomatous and produces a tight sod. Thickspike wheatgrass is well adapted for stabilization of disturbed areas and revegetation. Plants are medium height with little tillering and abundant fine leaves.

CRITANA | Critana was selected from native ecotypes by Montana and the Soil Conservation Service. It has excellent seedling vigor and produces low growing plants with fine leaves. It is widely used for stabilization plantings that receive little maintenance in the lower rainfall regions of the Rocky Mountains and Great Plains. Critana is also adapted for range reseeding on severely eroded sites.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Kimball	Kendall Atkins	Dix	308-682-5647		22

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	REG	CERT
Box Butte	Dan Laursen	Alliance	308-487-5541	18	

Russian Wildrye is a cool-season bunchgrass introduced in 1927 from central Asia. It is one of the earliest grasses for spring grazing, stays green longer in the summer than crested wheatgrass, and is often used as complementary pasture to extend the fall grazing season. Russian wildrye is best adapted to the drier areas of the northern Great Plains. It has low seedling vigor; but once established, plants are long-lived, vigorous, and unusually cold- and drought-hardy.

BOZOISKY SELECT | Bozoisky Select was selected for improved seedling vigor, leafiness, seed yield, and coleoptile length as compared to the variety 'Vinal'. Plants are 3-5 feet tall. Bozoisky Select was released by the USDA-ARS in cooperation with Utah, Montana, and the USDA-SCS.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Dawes	James T. O'Rourke	Chadron	308-432-5954		3

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 stresses. 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.

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

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

PVP NORTH STAR | North Star is a very stable and uniform variety. North Star is a late maturing variety that is well adapted to any area where bluegrass is used. It has a dark green color, is highly resistant to salinity, and has moderate resistance to most production diseases. North Star will tolerate a short mowing height of one half inch and has a medium fine leaf. U.S. Variety Protection Applied For (PVPA 1994). Certificate No. 200100016.

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

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

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

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

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 coarse to medium leaf texture similar to Cody and its winter survival is equal to Texoka and Tatanka. It has shown good disease tolerance to Leaf Spot and Dollar Spot and has good tolerance to the Buffalograss Mite. Bowie has excellent vigor and establishes quickly with excellent drought tolerance to resist going dormant under drought conditions. Bowie was developed through the cooperative efforts of the Native Turfgrass Group and the University of Nebraska. Seed of Bowie is produced and marketed exclusively under the direction of the Native Turfgrass Group. Unauthorized production and sale of seed is illegal. U.S. Protected Variety U.S. Protected Variety (PVPA 1994). Certificate No. 200100201.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cass	Stock Seed Farm	Murdock	402-867-3771		

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	REG	CERT
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 2003 to assure their customers that extra care has been taken to provide a premium quality turfgrass sod.

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

COUNTY	PRODUCER	TOWN	TELEPHONE	ACRES
Hall	Mettenbrink Farms	Grand Island	308-382-8828	52
Platte	Mueller Sod Farm	Columbus	402-564-6364	37
Saunders	Todd Valley Farms	Mead	402-624-6385	80

TURF-TYPE TALL FESCUE/KENTUCKY BLUEGRASS MIXTURES

COUNTY	PRODUCER	TOWN	TELEPHONE	ACRES
Saunders	Todd Valley Farms	Mead	402-624-6385	33

BUFFALOGRASS

COUNTY	PRODUCER	TOWN	TELEPHONE	ACRES
Saunders	Todd Valley Farms	Mead	402-624-6385	35

SOYBEANS

General Areas of Adaptation for Maturity Group I, II, and III

Nebraska adaptation is determined by variety response to day length, temperature, patterns, and length of growing season. 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.

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. NE 1900 is 3 days earlier than IA2021 with similar plant height and slightly higher lodging score. It is susceptible to brown stem rot and Phytophthora root rot.

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

NE3001 | NE3001 is an early Maturity Group III variety with determinate growth habit. The plant canopy is bushy and height is medium with excellent standability. NE 3001 is well adapted to narrow row or drilled row culture and irrigated or dryland conditions. Higher planting rates are recommended when planted in 30 inch rows (225,000 viable seeds/acre).

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cass	Lloyd Vogt & Son	Elmwood	402-994-2475		15
Kearney	Roberts Seed	Axtell	308-743-2565		64

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

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cass	Lloyd Vogt & Son	Elmwood	402-994-2475		20
Seward	Armand Richert	Gresham	402-735-7523		50

OATS

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/C18168.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Scotts Bluff	Jirdon Agri Chemicals	Morrill	308-247-2126	50	
Sheridan	Thorsen Family Farm	Gordon	308-282-0189		32
Washington	Ron Smith	Hooper	402-654-3895		7

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

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Box Butte	Cullan Farms	Hemingford	308-487-3905		60
Buffalo	Donald Muhlbach	Ravenna	308-452-3588		7
Butler	Pete Schmit & Sons Ltd	Bellwood	402-538-4645	38	
Chase	Luhrs Cert Seed & Cond	Enders	308-882-5917	317	
Cheyenne	Kriesel Certified Seed	Gurley	308-884-2424		55
Clay	Darrel Wehnes & Sons	Inland	402-772-8101	14	128
Custer	Arrow Seed Co.	Broken Bow	308-872-6826		52
Gage	Anders on Seed	Odell	402-766-3790	13	
	Blue Valley Seed	DeWitt	402-683-5615		20
	Husa Seed Farms	Barneston	402-674-3188	16	
Hamilton	Steven Obermeier	Giltner	402-849-2622	18	
	Vebug Seed Farm	Hordville	402-757-3399	15	
Lancaster	Edgar Farms	Firth	402-791-5797	22	
Otoe	Dale Henke	Syracuse	402-269-2522	12	
Perkins	Glenn Colson	Elsie	308-228-2322		52
Saunders	Kubik Seed Sales	Prague	402-663-4379	12	
	Rezac Seed	Valparaiso	402-784-3875		42
Scotts Bluff	Jirdon Agri Chemicals	Morrill	308-247-2126		34
Thayer	Maschmann Mills	Deshler	402-365-4369	75	5
Washington	Ron Smith	Hooper	402-654-3895		13
Webster	Providence Farms	Bladen	402-756-1090	26	
York	Miller Seed & Supply	York	402-362-5516	22	24

LOYAL | Loyal is a late maturing variety heading about 3 days later than Jerry and 1 day later than Troy. Loyal is medium tall with good straw strength, slightly less than Jerry. Loyal has white grain with good test weight. It has good crown rust resistance and is also resistant to smut but is somewhat more susceptible to Barley Yellow Dwarf than Jerry. Loyal was developed and tested as SK94160 by the South Dakota Agricultural Experiment Station and released in 2000. Loyal was produced from the cross Noble//Da/Nodaway70/3/ND821465/4/Premier/5/Don.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Custer	Arrow Seed Company	Broken Bow	308-872-6826		65

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 90Ab 1322. It was developed cooperatively by the USDA Agricultural Research Service and the Idaho Agricultural Experiment Station.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cheyenne	Kriesel Certified Seed	Gurley	308-884-2424	2	

OGLE | Ogle is a medium maturing variety, is medium in height, and has good straw strength. Grain is yellow in color, and kernels are often awned. Test weight patterns are fair with acceptable milling performance. It is widely adapted for grain or forage production and has very good yield stability. Ogle was developed by Illinois and the USDA-ARS from the cross Brave//Tyler/Egdolon 23.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Butler	Pete Schmit & Sons LTD	Bellwood	402-538-4645	20	
Cheyenne	Steve Schumacher	Dalton	308-377-2502	24	
Gage	Husa Seed Farms	Barneston	402-674-3188	11	

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	REG	CERT
Cedar	Troy Fuelberth	Hartington	402-254-6903		63
Colfax	Leonard Bayer	Howell	402-986-1397		20
Custer	Arrow Seed Company	Broken Bow	308-872-6826		92
Jefferson	Knobel Seeds	Fairbury	402-446-7394		39
Johnson	Muddy Creek Seed Farm	Johnson	402-868-6775		12
Knox	Phil Nielsen Seed	Bloomfield	402-373-2627	8	
Saunders	Kubik Seed Sales	Prague	402-663-4379	6	
Saunders	Rezac Seed	Valparaiso	402-784-3875		53
Washington	Ron Smith	Hooper	402-654-3895	21	

RISER | Riser is a very early maturing variety, medium in height with good straw strength. Grain is yellow in color and has good test weight patterns with above average protein content. In limited Nebraska tests, Riser has shown promising performance compared to other early varieties. It may be grown for either forage or grain. It is well suited for use as a companion crop. Riser is 3-4 inches taller than Don and slightly shorter than Jerry. Riser is resistant to crown rust and smut, moderately susceptible to barley yellow dwarf virus, and susceptible to stem rust. It was developed by the South Dakota Agricultural Experiment Station from the cross Settler/IA681.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cheyenne	Kriesel Certified Seed	Gurley	308-884-2424	26	

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 Garr/Ukraine/2/A begweit².

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cheyenne	Kriesel Certified Seed	Gurley	308-884-2424		415

SPRING BARLEY

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

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cheyenne	Kriesel Certified Seed	Gurley	308-884-2424	47	

SPRING TRITICALE

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

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Box Butte	D & S Hansen Farms	Hemingford	308-760-0189	20	45

SPRING WHEAT

PVP INGOT | Ingot is an early, standard height variety. It has very high test weight, good breadmaking qualities, and is tolerant to scab. Ingot has slightly higher grain yield, and heads one day earlier with higher protein compared to Butte 86. Ingot has resistance to stem and leaf rust. It is moderately susceptible to leaf spotting disease complex. Ingot was developed by the South Dakota Agriculture Experiment Station from the cross of SD3080/Dalen and released in 1998. U.S. Protected Variety (PVPA 1994). Certificate No. 9900208.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Kearney	Roberts Seed	Axtell	308-743-2565		20

PVP WALWORTH | Walworth hard red spring wheat, tested as SD3348, was developed by the South Dakota Agricultural Experiment Station and released in 2001. Walworth originated from the cross 3116/Oxen. SD3611 originated from the cross Shield/Butte 86. Walworth looks similar to Oxen but is slightly taller. Walworth is an awned, semidwarf, early maturing variety. It has good milling and baking characteristics. Walworth has shown a yield advantage over Oxen. Walworth is moderately resistant to the prevalent races of leaf rust and is resistant to stem rust. It has an intermediate level of scab resistance, which is similar to Ingot, but better than Oxen. U.S. Protected Variety (PVPA 1994). Certificate No. 200200108.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Kearney	Roberts Seed	Axtell	308-743-2565		20

MILLET

GOLDEN GERMAN FOXTAIL | Golden German Foxtail millet is used as a dual purpose millet that can be cut for hay or grain. The stem is not as coarse as that of White Wonder, nor is the plant as tall. Mature plants exhibit considerable purple in the leaf sheath and leaves. Heads may reach six inches in length and when mature are golden brown. The seeds are rounded and yellow in color.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Chase	Luhrs Cert Seed & Cond	Enders	308-882-5917		65

WHITE WONDER FOXTAIL | White Wonder Foxtail Millet is a dual purpose millet that can be cut for hay or grain. White Wonder is high yielding, white seeded variety that is similar to German millet.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Chase	Luhrs Cert Seed & Cond	Enders	308-882-5917		125

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. White test weight is slightly less, yield has been similar to Sunup. Earlybird has a white seed coat and large seed size. It was developed by Nebraska from the cross Minco/NE76010/Rise/NE79017.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cheyenne	Kriesel Certified Seed	Gurley	308-884-2424	234	330

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

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cheyenne	Kriesel Certified Seed	Gurley	308-884-2424	122	215

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

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Chase	Luhrs Cert Seed & Cond	Enders	308-882-5917	130	
Cheyenne	Kriesel Certified Seed	Gurley	308-884-2424	215	208
	Winkelman Seed	Dalton	308-377-2453		114
Deuel	V & F Farms Co.	Chappell	308-874-2480	53	111

HYBRID SEED CORN

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

For information regarding specific products produced using these programs in 2003, please contact the participating company.

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

NEBRASKA SEED QUALITY ASSURANCE® PROGRAM

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

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

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

For more information regarding specific products produced using the QA program in 2003, please contact the participating seed enterprise.

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

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
Cullan Farms	Hemingford	308-487-3905
D & S Hansen Farms	Hemingford	308-760-0189
Heritage Seed Company Inc.	Crawford	308-665-1672
Jirdon Agri Chemicals, Inc.	Morrill	308-247-2126
Kelley Bean Company	Scottsbluff	308-635-6438
Kriesel Certified Seed	Gurley	308-884-2424
Dewain Lockwood	Kimball	308-235-4104
New Alliance Bean & Grain	Alliance	308-762-8014
Trinidad/ Benham	Bridgeport	308-262-1361

Southwest District

Dunbar Seed	Eustis	308-486-5590
Frenchman Valley Farmers Cooperative	Imperial	308-882-3224
Haskins Seed Cleaning	Wauneta	308-394-5530
Luhrs Certified Seed & Conditioning	Enders	308-882-5917
Olson Livestock & Seed	Haigler	308-297-3283
Rainbow Grain	Ogallala	308-284-3264
Reeves Services	Atwood, KS	785-626-9695
Sharp Brothers Seed Company	Healy, KS	316-398-2231

Central District

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

South Central District

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

Northeast District

KBC Trading & Processing	Mayville, ND	701-786-2997
White Grain Company	Neligh	402-887-4168

East Central District

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

Southeast District

Anders on Seed	Odell	402-766-3790
Bern Seed Company	Bern, KS	785-336-3046
Blue Valley Seed	DeWitt	402-683-5615
Cole Seed Farm, Inc.	Plattsmouth	402-298-8169
Husa Seed Farms	Barneston	402-674-3188
Mayer Seed	Auburn	402-274-5743
Miller Seed Company	Lincoln	402-475-1232
Muddy Creek Seed Farm	Johnson	402-868-6775
Ohlde Seed Farms	Palmer, KS	913-692-4555
Rezac Seed	Valparaiso	402-784-3875
J.C. Robinson Seed Co.	Waterloo	402-779-2531
Rohlfing Seeds	Talmage	402-264-3515
Stock Seed Farm	Murdock	402-867-3771
Thimm Farms, Inc.	Beatrice	402-228-2222
United Seeds, Inc.	Omaha	402-331-4800

CUSTOM CERTIFIED CONDITIONERS

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

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

The objectives of the Custom Certified Conditioner program are:

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

West District

*Radke Engineering, Inc.	Big Springs	877-588-3211
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Southwest District

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

Southeast District

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

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

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