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## NDCISA Board of Directors

### NW District

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Blake Inman

### SW District

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Dennis Renner  
Andrew Smith

### SE District

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Dr. Dale Williams  
Dr. Joel Ransom

### Secretary/Treasurer

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### County Agents Representative

Craig Askim

## North Dakota Crop Improvement & Seed Association, NDCISA

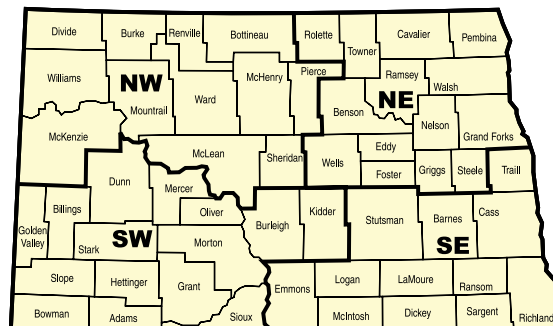
“Helping North Dakota Grow” Since January 17, 1929

### Who We Are

- Organized on January 17, 1929 during the first North Dakota Seed Growers School held in Fargo, ND.
- NDCISA is a non-profit organization funded by membership dues, a check-off on new varieties increased through the county associations, and research fees collected on exclusive licenses.
- NDCISA's original purpose was to:
  1. Cooperate with the ND State Experiment Station
  2. Cooperate with the ND State Seed Dept. and Seed Laboratory
  3. Promote general crop improvement practices
  4. Provide for the pure seed increase of the varieties best adapted to the state, and to make supplies of seed easily available to the farmers of the state.
- Some of the names have changed but today's NDCISA members have the same goals as their founding fathers.

### NDCISA Board of Directors

- The board of directors shall be responsible for the governance and general administration of the Association.
- The Board of Directors shall include three directors elected from each of the following districts:
  - Northeast District
  - Southeast District
  - Southwest District
  - Northwest District



- Twelve voting members represent four districts.
- Four ex-officio non-voting directors.
  - Two from the North Dakota State University (NDSU) Plant Sciences Department or Research & Extension Centers (RECs).
  - One from the ND State Seed Department.
  - One from the ND Association of Extension Agents.

### Organization

- **County Crop Improvement Association (CCIA)** – provides for the first seed increase of most NDSU crop varieties.
- **Dakota Select Seed (DSS)**, seed production branch of NDCISA, provides for the continual production and distribution of licensed varieties to promote acceptance, use, and return of research fees back to the breeding program.

### Membership

- NDCISA membership consists of CCIA's.
- Each member of a CCIA is automatically a member of the State Association.
- DSS members must meet minimal criteria for certified seed production and support the mission of NDCISA.



## Relationships

- NDCISA has close ties and strong communication with:
  - NDSU Plant Science Dept., Varietal Development teams, Pathology, Entomology, Cereal Science, etc.
  - ND Agricultural Experiment Station (AES) and REC programs and activities
  - ND Extension Service and varietal testing programs
  - NDSU Research Foundation (licensing of varieties and return of research fees)
  - NDSU Foundation Seedstocks (NDSU FSS)
  - ND State Seed Department (certification and seed law enforcement)
  - ND Commodity Organizations – NDCISA members serve on these boards and other ND local ag and state wide associations
  - Farmers Yield Initiative (FYI) – to support variety ownership and enforce illegal sale of NDSU crop varieties
  - ND seed and commodity growers
  - Essentially all aspects of ND ag
- NDCISA has supported each of these agencies and together they have made a significant contribution to ND agriculture in the areas of pure seed and commercial crop production.
- ND is unique from other states. Three organizations, the NDCISA, NDSU, and the State Seed Department work together toward a common goal.
- NDCISA has direct and indirect contact with members of ND legislature and standing committees (i.e. SBARE, etc.).

## Activities

- Sponsors youth agriculture (i.e. FFA, 4-H, etc.).
- Sponsors ag scholarships to NDSU.
- Serves as a communication link for ND crop producers in legislative matters relating to the production and marketing of their commodities.
- Instrumental in the development, production, and distribution of new varieties. Coordinates with NDSU FSS and CCIA during new variety releases and increases.
- Provides educational and promotional material to allow producers to make wise economic choices in varietal selection.

If you know of someone that would like to receive this newsletter please notify Toni at [toni.muffenbier@ndsu.edu](mailto:toni.muffenbier@ndsu.edu) or call 701-231-8067.

# NDSU-FSS

North Dakota State University (NDSU) Foundation Seedstocks (FSS) is a self-supported program. Funds are derived from charges placed on distributed seed. These funds not only provide for the director's office and staff at NDSU, Fargo, but also provide financial assets to the Agronomy Seed Farm (ASF) and Research Extension Centers (RECs) to support infrastructure and activities.

Objectives of the NDSU FSS Program are to:

1. Increase, maintain, and distribute genetically pure Foundation class seed of new and established crop cultivars. Provide assets to the ND commodity producer by maintaining clean genetics of superior varieties.
2. Coordinate the Seedstocks program with other agencies in ND and other states or countries. Provide a service to the ND seed industry in procuring Foundation class seed from organizations in other states.
3. Implement improved systems for Foundation seed increase and distribution. Assist public plant breeding programs in the development and distribution of genetically pure breeder seed for the production of Foundation class seed of new varieties with superior attributes of higher yields, increased pest resistance, and enhanced end user quality.

Foundation seed increase activity involves approximately 65 cultivars and pre-released advanced lines of about 12 crops each year. Carry-over inventory is maintained for varieties with limited demand with production occurring as necessary. Total Foundation seed inventory available for distribution is in excess of 70 varieties. The NDSU FSS Program also provides for the increase of experimental advanced lines with the potential for release, maintains seed of over 500 inbred sunflower lines for distribution, and provides for the distribution of grasses and forbs from the United States Department

of Agriculture Natural Resources Conservation Service program located at the Plant Materials Center in Bismarck, ND.

NDSU FSS works closely with NDCISA and the County Crop Improvement Associations to provide for a rapid clean genetic increase of newly released varieties. These activities allow ND commodity growers to have quick access to new varieties and the economic advantages they provide.

If you have any questions please contact us at (701) 231-8140 or visit our webpage at [www.ndfss.com](http://www.ndfss.com).



**Dr. Dale Williams, NDSU Foundation Seedstocks Director, checking Foundation Seed dry bean field production.**



**Carpio – Newly released Carpio durum is available for the first time from the County Seed Increase Program. Contact your local county agent for seed availability.**

# 2014 New Variety Releases

This year four new varieties have been released from the North Dakota Agricultural Experiment Station. They include ND1406HP soybean, Gold ND flax, Talon dark red kidney bean, and Rosie light red kidney bean. Prevail hard red spring wheat, a new variety released from the South Dakota Agricultural Experiment Station, and ND1406HP soybean were distributed for the first time through the ND County Seed Increase program.

## ND1406HP

ND1406HP is a new soybean variety released this year that was developed by the NDSU soybean breeding program. ND1406HP is a conventional (non-GMO) soybean intended for the high-protein, tofu, or soymilk specialty markets. ND1406HP has better yield and quality for these specialty uses than other NDSU varieties and is best adapted to southeastern North Dakota.

### General Characteristics

- conventional
- high protein
- 0.6 relative maturity
- high yield
- good quality

The North Dakota Crop Improvement and Seed Association has a license agreement with the NDSU Research Foundation to produce and distribute ND1406HP seed through Dakota Select Seed.

## Gold ND

Gold ND is a new flax variety released this year. It is a yellow-seeded flax that is adapted to the north-central flax-growing region of the United States. Gold ND has very high yield potential, good oil content and oil drying quality. It is resistant to flax rust and has good tolerance to flax wilt. This variety has blue flowers and medium seed size.

### General Characteristics

- high yield
- good oil content
- flax rust resistance
- flax wilt tolerance

The North Dakota Crop Improvement and Seed Association has a license agreement with the NDSU Research Foundation to produce and distribute Gold ND seed through Dakota Select Seed. Foundation seed will be available in the spring of 2015.

## Rosie

Rosie is a light red kidney bean that has shown superior seed yield when compared with other commonly grown varieties in the region. Foundation class seed is being initiated with a possible limited distribution in 2015 or 2016.

### General Characteristics

- high seed yield
- Bean Common Mosaic Virus (BCMV) resistance
- later maturing

## Talon

Talon is a dark red kidney bean that has shown superior seed yield when compared with other commonly grown varieties in the region. Foundation class seed is being initiated with a possible limited distribution in 2015 or 2016.

### General Characteristics

- high seed yield
- Bean Common Mosaic Virus (BCMV) resistance
- anthracnose race 7 resistance

## Prevail

Prevail is a hard red spring wheat variety released by the South Dakota Agricultural Experiment Station. Prevail was distributed by ND Foundation Seedstocks in 2014 through the North Dakota Crop Improvement and Seed Association county increase program. It was tested in the South Dakota Crop Performance Testing trials in 2011-2013 where it performed well. Prevail is better adapted to southern areas of North Dakota.

### General Characteristics

- high yield potential
- adequate protein
- moderate resistance to head scab
- medium straw strength
- medium-early maturity
- high test weight

These varieties will be protected under the Plant Variety Protection Act. Varieties protected with PVP-Title V can only be sold as a certified class of seed. Producers who initially acquire a PVP-Title V protected variety as a certified class of seed have the right to use saved seed for their own planting purposes. A research fee will also apply to registered and certified seed sales of each of these varieties and will be collected in ND from the labeler by the North Dakota State Seed Department (NDSSD) on behalf of the NDSU Research Foundation and South Dakota. For more information on the research fee schedule on these and other varieties, refer to the 2014 North Dakota Field Inspected Seed Directory or contact the NDSSD.

For more information on these and other varieties, visit the NDSU Foundation Seedstocks website at [www.ndfss.com](http://www.ndfss.com). For further information regarding Foundation or Registered seed availability of these or other varieties contact your local county extension agent, an NDSU Research and Extension Center, NDSU Foundation Seedstocks Program, or refer to the North Dakota Field Inspected Seed Directory.

# Dakota Select Seed

Dakota Select Seed (DSS) is a group organized by North Dakota Crop Improvement and Seed Association (NDCISA) in 2007. Over the years, public funding for breeding programs has decreased leaving many programs, especially those focusing on small acreage crops, with difficulty in obtaining operating funds. An idea was brought forward within the NDCISA to address the concern of supporting NDSU Breeding programs to ensure continued benefit to the sector of the agriculture community that they serve. The idea focused on capturing value from varieties that have either been historically unprotected or have not been able to develop adequate end-use markets through traditional production and distribution channels thus providing no revenue to invest back into variety development programs. The objectives of DSS are to produce, market, and promote seed of certain crops which typically struggle to maintain viability in the certified seed industry. DSS is very supportive of the breeding programs at NDSU.

The NDCISA has a strong history of working with NDSU varieties and a framework existed to work with these small acreage crops with slight variation to traditional production and distribution channels. A model was developed which illustrates how a slightly controlled grower network could help to develop an end-use and seed market for small acreage crops and subsequently capture a revenue stream in the form of research fees that could be re-invested into NDSU breeding programs. An agreement was reached between the NDSU Research Foundation, the owner of all NDSU varieties, and the NDCISA which resulted in the exclusive licensing of four oat varieties, one two rowed barley, and just last spring one soybean and one flax variety. In addition DSS distributes two winter wheat varieties from Nebraska and one triticale variety from Canada. DSS has become the marketing program for varieties licensed to the NDCISA.

### Varieties distributed by DSS:

- **Oat:** Souris, Rockford, Newburg, and Jury
- **Barley:** Rawson (2 rowed)
- **Winter Wheat:** Overland and Freeman
- **Triticale:** Bobcat
- **Soybean:** ND1406HP
- **Flax:** Gold ND (Foundation seed will be available in 2015)



**CROP  
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ASSOCIATION**

North Dakota

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**Meet the President!**

**JOHN SCHATZ**

**Where are you from?**

I'm from Napoleon. I grew up on a farm near there. It was a typical livestock and grain diversified farm.



**In what county/counties do you farm?**

I farm in Logan and Kidder counties.

**Family?**

I have a wife, Gayla, two children, Rebecca and Renae, and four grandchildren.

**How many years have you been involved of NDCISA?**

I have been attending district and annual meetings for more than twenty years. I have also been involved in the Logan and Kidder County Crop Improvement Associations. I have been a director for NDCISA for six years representing the Southeast district. I am currently the Chairman.

**How did you become interested in NDCISA?**

As a farmer and seed grower, I was interested in receiving information about new and old seed varieties. I also wanted to receive updates from the North Dakota Seed Department, NDSU Foundation Seedstocks, NDSU Research Foundation, and the area research centers. The district and annual meetings were sources for this information.

**What are your recommendations to someone who would be interested in becoming a member of NDCISA?**

Anybody who is interested in becoming a member of NDCISA could attend the district and annual meetings. They could also get involved in their county organizations. This involvement would give a say in policies that involve seed production in North Dakota. It also gives an opportunity to associate with other farmers, seed growers, and people from NDSU involved in agriculture.

**Calendar**

**2014**

<b>November 5</b> <i>10:00 a.m. – 3:00 p.m.</i>	<b>Fall NDCISA Board of Directors Meeting</b>	Farm Credit Services of Mandan, Mandan, ND
<b>December 3</b> <i>1:00 p.m. – 4:00 p.m.</i>	<b>Southwest District Meeting</b>	Northern Great Plains Research Laboratory, USDA Agricultural Research Service, Mandan, ND
<b>December 4</b> <i>9:00 a.m. – 12:00 noon</i>	<b>Northwest District Meeting</b>	North Central REC, Minot, ND
<b>December 5</b> <i>9:00 a.m. – 12:00 noon</i>	<b>Northeast District Meeting</b>	Fireside Inn and Suites, Devils Lake, ND
<b>December 8</b> <i>9:30 a.m. – 12:00 noon</i>	<b>Southeast District Meeting</b>	Day's Inn, Casselton, ND

**2015**

<b>February 4-5</b>	<b>63<sup>rd</sup> Annual Conference – NDCISA</b>	Radisson, Bismarck, ND
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