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## 2017 New Variety Releases

ND17009GT soybean, ND Benson soybean, ND Stutsman soybean, ND VitPro spring wheat, ND Grano durum and ND Riveland durum were released by the North Dakota Agricultural Experiment Station and Lang-MN spring wheat by the Minnesota Agricultural Experiment Station in 2017. These new soybean and spring wheat varieties were distributed for the first time by the ND County Seed Increase Program in the spring of 2017. The durum varieties will be distributed in the spring of 2018.

For further information regarding foundation or registered seed availability of these or other varieties contact a county NDSU Extension Service agent, a ND Regional Research Extension Center, the ND Foundation Seedstocks Program or refer to the North Dakota Crop Improvement and Seed Association website at [www.ndcropimprovement.com/seed-dealers](http://www.ndcropimprovement.com/seed-dealers) or the ND State Seed Department ([www.nd.gov/seed/field\\_directory/index.aspx](http://www.nd.gov/seed/field_directory/index.aspx)).



### ND17009GT Soybean

ND17009GT was developed by the Soybean Breeding Program at North Dakota State University. ND17009GT is a glyphosate resistant soybean variety with relative maturity 00.9. ND17009GT performed very well in trials across North Dakota and also in the Multi-State Uniform Regional Test. ND17009GT is resistant to race 4 of phytophthora root rot and has moderate tolerance to iron-deficiency chlorosis. ND17009GT has white flower color, tawny pubescence, brown pods, shiny seed coat luster and black hila. Development of this variety was made possible through funds provided by the North Dakota Soybean Council.

#### General Characteristics:

- 00.9 maturity
- Glyphosate resistant
- High yield potential
- Phytophthora root rot resistance (race 4)



### ND Benson Soybean

ND Benson was developed by the Soybean Breeding Program at North Dakota State University. ND Benson is not resistant to glyphosate, has high yield potential and 0.4 relative maturity. ND Benson is intended to replace Ashtabula. ND Benson has excellent resistance to soybean cyst nematode and is resistant to races 3 and 4 of phytophthora root rot. This new variety also has tolerance to iron-deficiency chlorosis and is not prone to lodging. ND Benson has white flower color, gray pubescence, tan pods, dull seed coat luster and buff hila. Development of this variety was made possible through funds provided by the North Dakota Soybean Council.

#### General Characteristics:

- 0.4 maturity
- Conventional
- Soybean cyst nematode (SCN) resistance
- High yield potential
- Phytophthora root rot resistance (races 3, 4)

**More varieties can be found on the next page.**



**Mission:** Enhancing North Dakota agriculture through the production, promotion, and distribution of pure seed.

## 2017 New Variety Releases continued



### ND Stutsman Soybean

ND Stutsman was developed by the Soybean Breeding Program at North Dakota State University. ND Stutsman is not resistant to glyphosate, has high yield potential and 0.7 relative maturity. ND Stutsman performed very well in trials across North Dakota and also in the Multi-State Uniform Regional Test. ND Stutsman is resistant to race 3 of phytophthora root rot. This new variety also has tolerance to iron-deficiency chlorosis and is not prone to lodging. ND Stutsman has purple flower color, gray pubescence, brown pods, dull seed coat luster and yellow hila. Development of this variety was made possible through funds provided by the North Dakota Soybean Council.

General Characteristics:

- 0.7 maturity
- Conventional
- High yield potential
- Phytophthora root rot resistance (race 3)



### Lang-MN Hard Red Spring Wheat

Lang-MN was developed by the Hard Red Spring Wheat Breeding Program at the University of Minnesota. Lang-MN combines yield, quality and disease resistance. Lang-MN is a medium maturity variety that has yielded very well in Minnesota and regional testing. Lang-MN has a good combination of overall disease resistance, including very good ratings for Fusarium head blight and Bacterial leaf streak, and excellent ratings for leaf rust and stripe rust. Heading 1 day earlier than Prosper, it is similar in height with slightly better straw strength. Lang-MN has high protein, very good test weight, and is resistant to pre-harvest sprouting, all contributing to good overall end-use quality characteristics.

General Characteristics:

- Scab resistance
- Good protein and yield
- High test weight



### ND Riveland Durum

ND Riveland was developed by the Durum Breeding Program at North Dakota State University. ND Riveland has high yield potential, good quality and low cadmium uptake. ND Riveland performed well in the Uniform Regional Durum Nursery and has good yield potential across the state of North Dakota. It had higher yield than all the cultivars tested in the variety trials across North Dakota and performed well in Williston.

ND Riveland has very good test weight, large kernels, medium maturity, medium resistance to leaf disease and good straw strength. Compared with Carpio and Joppa, ND Riveland is taller, has higher test weight and larger kernel size. Fusarium head blight disease severity of ND Riveland was the lowest among all cultivars tested.

General Characteristics:

- Low cadmium uptake
- High yield potential
- Good quality



### ND Grano Durum

ND Grano was developed by the Durum Breeding Program at North Dakota State University. ND Grano has high yield potential, good quality and low cadmium uptake. ND Grano performed well in the Uniform Regional Durum Nursery and has good yield potential across the state of North Dakota. It has similar yield to Carpio and performed well in Minot.

ND Grano has very good test weight, large kernels, medium maturity, medium resistance to leaf disease and good straw strength. Compared with Carpio and Joppa, ND Grano has higher test weight, smaller kernel size and similar height. Fusarium head blight disease severity of ND Grano is similar to Joppa.

General Characteristics:

- Low cadmium uptake
- High yield potential
- Good quality



### ND VitPro Hard Red Spring Wheat

ND VitPro was developed by the Hard Red Spring Wheat Breeding Program at North Dakota State University. ND VitPro is widely adapted to the North Dakota spring wheat region. It has improved straw strength over recent NDSU varieties. Plant height of ND VitPro is similar to Faller and Prosper. ND VitPro has medium early maturity similar to Barlow. ND VitPro has high grain protein that is comparable with Linkert. Test weight is also high, most similar to Glenn. Overall, ND VitPro has outstanding kernel and milling traits. Vitreous kernel percentage of ND VitPro was higher than all entries in statewide tests, including Glenn. ND VitPro is moderately resistant to all prevailing races of stem rust and has moderate scab resistance, most similar to Glenn. ND VitPro shows good adult plant resistance to leaf rust and stripe rust, most similar to Linkert.

General Characteristics:

- Improved straw strength
- High protein and test weight
- Good disease resistance
- Outstanding vitreous kernel percentage and kernel and milling traits

To help ensure genetic purity of these new varieties, they will be protected under PVP Title V and must be sold as a class of certified seed.

## Sebesta Named Foundation Seedstocks Director



Steve Sebesta has been named director of the North Dakota Foundation Seedstocks (NDFSS) program at North Dakota State University.

He will provide leadership of NDFSS in addition to his role as deputy commissioner of the North Dakota State Seed Department.

Sebesta assumed the director position under an agreement the North Dakota Agricultural Experiment Station (NDAES) reached with the North Dakota State Seed Department.

“The certified seed industry in North Dakota is vital to the prosperity and advancement of the agriculture industry in the state,” Sebesta says. “I look forward to working with the NDSU breeders, NDAES staff and the entire Foundation Seed team. Providing the region’s seed producers with high-quality foundation class seed that delivers the genetic potential they expect when they purchase seed of an NDSU variety is our top priority.”

The NDFSS program provides genetically pure foundation seed to the state’s agriculture industry. Foundation seed has the highest level of genetic purity and is sown to produce the registered class. Seedsmen plant registered seed to produce certified seed, which is used to produce commercial grain. The production of adequate foundation seed is an important step in providing producers with improved varieties from NDSU plant breeding programs.

The NDFSS has seed production, conditioning and seed distribution operations throughout the state.

“Steve brings a tremendous wealth of experience and knowledge to the NDFSS program, having served in seed-related programs in NDFSS at NDSU, for the state of North Dakota in a regulatory capacity, and in the private sector,” says Ken Grafton, NDSU’s vice president for Agricultural Affairs, director of the North Dakota Agricultural Experiment Station and dean of the College of Agriculture, Food Systems, and Natural Resources.

“I am sure he will use these experiences to build upon the great foundation that Dr. Dale Williams established during his long and successful tenure as director of NDFSS,” Grafton adds.

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John Kapphahn (left) proudly shows Roger Wippler (right) his field of ND Dylan rye before harvest.

## ND Dylan Rye a Winner for Kapphahn

John Kapphahn is having success on his farm with the latest NDSU rye variety, ND Dylan. Kapphahn farms 1650 acres in Elbow Lake, Minnesota. This is the fifth year he has planted rye and his enthusiasm for ND Dylan shines through. Kapphahn planted 89 acres of ND Dylan last year and has plans for 140 acres this fall.

ND Dylan was released in 2016, more than 25 years since the previous NDSU rye release, Dacold. ND Dylan has high yield potential, good winter hardiness, medium-late maturity and good straw strength.

The list of reasons why Kapphahn favors ND Dylan is long. First and foremost is yield. ND Dylan’s yield was 20% higher than other rye varieties Kapphahn has grown. ND Dylan also has nice features that allow for easier harvest; it stands very well and ripens uniformly.

There are other advantages to growing rye of which Kapphahn has enjoyed the benefits. He is able to double crop by harvesting the rye early enough to plant soybeans in the stubble. Kapphahn stated animal producers in particular should consider planting rye to use for silage or rylage. “I am impressed with how good the soybeans look that are planted in the ND Dylan stubble. The soybean crop looks very good and the field is exceptionally clean,” says Kapphahn. ND Dylan has been a winner for Kapphahn and can be for you too.

If you are interested in obtaining ND Dylan seed, contact Gonzalo Rojas, Foundation Seedstocks assistant director, at [gonzalo.rojas@ndsu.edu](mailto:gonzalo.rojas@ndsu.edu) or 701-231-8168.

Do you have a success story of growing an NDSU crop variety? We’d love to hear from you! Contact Joyana Baumann at [joyana.baumann@ndsu.edu](mailto:joyana.baumann@ndsu.edu) or 701-231-8542 to share your story.

## 2018 NDCISA Annual Conference

Make plans to attend the 2018 NDCISA Annual Conference February 8th in Minot, ND. The Annual Conference will be held in conjunction with the Best of the Best in Wheat Research & Marketing. The North Dakota Grain Growers Association and North Dakota Wheat Commission, along with North Dakota State University Extension Service join together with Best of the Best to present producers with the latest in wheat research, weather outlook and market trends. Please join us for this day-long workshop. The Best of the Best event is FREE but pre-registration is encouraged. For more information, visit [www.ndwheat.com](http://www.ndwheat.com) or call the ND Wheat Commission at (701) 328-5111.



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## Meet a Director

### Bill FLAGET

**Where are you from?**

*Halliday, ND*

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

*Dunn County*

**Family?**

*Wife Shelley that I have been married to since 1970.*

*Son Chris (wife Tracey) who farm with us. They have 3 kids Brady (also farms), Nicholas (works on the family farm) and Gabriel (First year at Dickinson State University).*

*Daughter Sarah (husband Justin) who farm and ranch by Dodge, ND. They have 3 kids Owen, Leah (both attend school in Killdeer) and Westin (a 4 year old cowboy).*

*Daughter Margaret (husband Jake) who live in St. Louis Park, MN. They have a one year old son Wilson.*

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

*I have been involved at least 20 years or more.*

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

*My dad always grew foundation seed. I just kind of fell into it. My dad was a county increase grower and I just became more and more interested and therefore I became more involved in it.*

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

*If you are concerned about seed production in North Dakota NDCISA is the organization in which you need to be active.*



## Calendar

## 2017-2018

Nov. 8 1 p.m.	<b>Dakota Select Seed Meeting</b> AES Greenhouse Complex, NDSU Campus
Nov. 9 8 a.m.	<b>Board of Directors Fall Meeting</b> AES Greenhouse Complex, NDSU Campus
Nov. 29 1 p.m.	<b>SW District Meeting</b> Northern Great Plains Research Lab, Mandan, ND
Nov. 30 8:30 a.m.	<b>NW District Meeting</b> North Central REC, Minot, ND
Dec. 1 8:30 a.m.	<b>NE District Meeting</b> Memorial Building – Armory, Devils Lake, ND
Dec. 4 9 a.m.	<b>SE District Meeting</b> Veterans Memorial Auditorium, Casselton, ND
Feb. 7	<b>Board of Directors Annual Meeting in conjunction with the Best of the Best</b> The Grand Hotel, Minot, ND
Feb. 7-8	<b>66th Annual Conference</b> The Grand Hotel, Minot, ND

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.