

## Plant Quality Certified Seed

Certified seed is field inspected and lab analyzed to help ensure variety identity, germination, and purity. Contact your local seed producer or dealer for quality certified seed.

Seed producers or dealers can be found in the North Dakota Field Inspected Seed Directory. The directory is available from the North Dakota State Seed Department (NDSSD), your NDSU Extension agent, or under the field seed program of the NDSSD website. [www.ndseed.com](http://www.ndseed.com)



Varieties protected under PVPA with Title V option can only be sold as a certified class of seed. **It is the responsibility of the buyer and/or seller to confirm the PVP status of a specific crop variety prior to buying or selling the variety.** PVP status information can be obtained from the NDSSD.

## Other soybean varieties

recently released by the North Dakota Agricultural Experiment Station:

**ND17009GT** – (2017) Glyphosate resistance, 00.9 maturity, high yield potential and phytophthora root rot resistance (race 4).

**ND Benson** – (2017) Conventional, 0.4 maturity. SCN resistance and phytophthora root rot resistance (races 3, 4).

**ND Stutsman** – (2017) Conventional, 0.7 maturity. High yield potential. Phytophthora root rot resistance (race 3).

**ND Bison** – (2016) Conventional, 0.7 maturity. High yield potential. Phytophthora root rot resistance. Moderate SCN resistance.

**ND Henson** – (2015) Conventional, 0.0 maturity. High yield potential. Good lodging and phytophthora root rot resistance. IDC tolerance.

## Contact information:

### Foundation seed

**NDSU** FOUNDATION SEEDSTOCKS 701-231-8140  
[ndfss.com](http://ndfss.com)

Agronomy Seed Farm, Casselton..... 701-347-4743  
Carrington Research Ext. Center..... 701-652-2951  
Langdon Research Ext. Center ..... 701-256-2582  
North Central Research Ext. Center... 701-857-7679  
Williston Research Ext. Center ..... 701-774-4315

### Registered/Certified seed



[ndcropimprovement.com](http://ndcropimprovement.com)  
701-838-6213  
701-231-8067



[ndseed.com](http://ndseed.com)  
701-231-5400

NDSU does not discriminate in its programs and activities on the basis of age, color, gender expression/identity, genetic information, marital status, national origin, participation in lawful off-campus activity, physical or mental disability, pregnancy, public assistance status, race, religion, sex, sexual orientation, spousal relationship to current employee, or veteran status, as applicable. Direct inquiries to Vice Provost for Title IX/ADA Coordinator, Old Main 201, NDSU Main Campus, 701-231-7708, [ndsu.eoaa@ndsu.edu](mailto:ndsu.eoaa@ndsu.edu).

# NDSU

## AGRICULTURE

# ND18008GT Soybean



# ND18008GT

Soybean

**ND18008GT** was developed by the Soybean Breeding Program at North Dakota State University and released by the North Dakota Agricultural Experiment Station in 2018. The North Dakota Crop Improvement and Seed Association (NDCISA) has a license agreement with the NDSU Research Foundation to produce and distribute ND18008GT.

ND18008GT is a glyphosate resistant soybean variety. The relative maturity of ND18008GT is 00.8. Its early maturity makes it a good fit for the northern areas of North Dakota.

ND18008GT performed well in trials across northern North Dakota. In 2015-2017 ND18008GT produced 42.8 bushels/acre compared to 41.7 for AG00632.

ND18008GT is resistant to race 4 of phytophthora root rot. This new variety also has tolerance to soybean aphid and moderate tolerance to iron-deficiency chlorosis (IDC). ND18008GT exhibits sensitivity to metribuzin herbicide.

ND18008GT has purple flower color, tawny pubescence, brown pods, dull seed coat luster and black hila.

To help ensure genetic purity, ND18008GT soybean will be protected under Plant Variety Protection Title V and must be sold as a class of certified seed. **ND18008GT contains a proprietary trait that is patented with a certified seed only (CSO) clause. Only certified seed is permissible for planting. Seed may not be saved for the purpose of replanting.**

Development of this variety was made possible through funds provided by the North Dakota Soybean Council.

## ND18008GT

### General Characteristics

- 00.8 maturity
- CSO variety
- Aphid tolerance
- Phytophthora root rot resistance (race 4)
- Glyphosate resistance



### Agronomic Performance of ND18008GT Averaged Across North Dakota and Minnesota Uniform Regional Test, 2015-2017.

Variety	Yield (bu/ac)	Maturity date*	Lodging score**	Protein# (%)	Oil# (%)	Height (inches)	Seed size (seeds/lb)
# of sites	9	9	3	3	3	2	3
AG00133	43.4	14-Sep	1.0	34.6	19.5	22	2560
<b>ND18008GT</b>	<b>47.2</b>	<b>17-Sep</b>	<b>1.0</b>	<b>33.3</b>	<b>19.5</b>	<b>25</b>	<b>3230</b>
AG00632	52.1	17-Sep	1.0	34.1	19.2	28	2530
ND17009GT	56.9	22-Sep	1.0	35.4	19.7	29	2890
AG00932	50.2	26-Sep	1.0	34.0	18.8	29	3000

\*Date of 95% mature pod color.

\*\*Lodging score: 1-upright, 5-flat on ground.

#Protein and oil reported on a 13% grain moisture basis.

### Agronomic Performance of ND18008GT, northern North Dakota, 2015-2017.

Variety	Maturity date*	Yield (bu/ac)	Shatter score**
# of sites	19	19	1
<b>ND18008GT</b>	<b>12-Sep</b>	<b>42.8</b>	<b>1.0</b>
AG00632	13-Sep	41.7	2.8
ND17009GT	14-Sep	45.8	1.5
AG00932	15-Sep	45.5	1.3

\*Date of 95% mature pod color.

\*\*Shatter score: 1-best, 9-worst.

### For additional information

about ND18008GT and other soybean varieties, refer to the most recent North Dakota Soybean Performance Testing circular A843. The Extension agronomist can also be contacted at 701-231-7971 or visit [www.ag.ndsu.edu/ndsug/crops](http://www.ag.ndsu.edu/ndsug/crops).