

Other soybean varieties

recently released by the North Dakota Agricultural Experiment Station:

ND17009GT – (2017) Glyphosate resistant, 00.9 maturity. High yield potential. Phytophthora root rot resistance (race 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.

ND1406HP – (2014) Conventional, 0.6 maturity. High protein and yellow hila. Good quality and yield.

For information on the availability of Foundation seed contact NDSU Research Extension Centers:

(All 701 area codes)

Agronomy Seed Farm, Casselton.....347-4743

Carrington Research Extension Center.....652-2951

Hettinger Research Extension Center.....567-4323

Langdon Research Extension Center.....256-2582

North Central Research Ext. Center,

Minot857-7679

Williston Research Extension Center774-4315

Or:

NDSU Foundation Seedstocks Project

(701) 231-8140

www.ndfss.com

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 Service agent, or under the field seed program of the NDSSD website.

www.ndseed.com



Varieties protected under PVP 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.

NDSU[®]

AGRICULTURE

ND Benson

Conventional Soybean



North Dakota
**CROP IMPROVEMENT
& SEED ASSOCIATION**

www.ndcropimprovement.com

ND Benson

Conventional Soybean

ND Benson was developed by the Soybean Breeding Program at North Dakota State University and released by the North Dakota Agricultural Experiment Station in 2017. ND Benson is a conventional soybean variety that is not resistant to glyphosate.

ND Benson is intended to replace Ashtabula. ND Benson has high yield potential and its relative maturity is 0.4, maturing 3 days earlier than Sheyenne. The average yield of ND Benson in the Multi-State Uniform Regional Test from 2014-2016 was 51.5 bushels/acre. ND Benson also performed well in trials across North Dakota.

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 (IDC) and is not prone to lodging.

ND Benson has white flower color, gray pubescence, tan pods, dull seed coat luster and buff hila.

ND Benson exhibits sensitivity to metribuzin herbicide. Injury has not been observed when using the recommended application rate of metribuzin.

The North Dakota Crop Improvement and Seed Association has a license agreement with the NDSU Research Foundation to produce and distribute ND Benson seed. To help ensure genetic purity, ND Benson soybean will be protected under PVPA Title V and must be sold as a class of certified seed.

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

ND Benson

General Characteristics

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



Agronomic Performance of ND Benson Averaged Across Multi-State Uniform Regional Test, 2014-2016

Variety	Yield (bu/ac)	Maturity date*	Lodging score**	Protein# (%)	Oil# (%)	Plant height (inches)	Seed size (seeds/lb)
# of sites	18	18	17	18	18	19	19
MN0095	45.8	12-Sept.	1.5	36.6	19.6	27	3070
ND Benson	51.5	16-Sept.	1.3	37.9	18.9	28	2740
Sheyenne	55.1	19-Sept.	1.3	36.2	19.3	31	2550
MN1410	60.8	26-Sept.	1.6	37.1	19.3	34	2410

*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 ND Benson, ND, 2015-2016

Variety	Yield (bu/ac)	Maturity date*	Lodging score**	IDC score#	SCN^
# of sites	16	16	2	7	
Ashtabula	51.9	6-Sept.	2.2	2.1	no
ND Benson	51.9	7-Sept.	1.8	2.0	yes
ND Bison	52.7	10-Sept.	1.8	1.9	yes
Sheyenne	55.3	10-Sept.	2.3	2.0	no

*Date of 95% mature pod color.

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

#Iron-deficiency chlorosis score: 1-green; 3-yellow; 5-dead.

^Soybean cyst nematode resistance

For additional information

about ND Benson and other soybean varieties, refer to the most recent North Dakota Soybean Performance Testing circular A843. The soybean breeder or extension agronomist can also be contacted at 701-231-7971, or visit www.ag.ndsu.edu/ndsuag/crops.