



Ashtabula

Soybean

NDSU NORTH DAKOTA STATE UNIVERSITY



Characteristics

Yield	high
Relative Maturity	medium
Height	medium
Hilum Color	yellow
Phytophthora Root Rot	resistant (races 1-4)

Comments

Ashtabula soybean was released in 2009. It is a conventional soybean variety with 0.4 relative maturity. Ashtabula has high yield in ND environments and good iron chlorosis resistance. Ashtabula is resistant to races 1-4 of Phytophthora root rot and has tolerance to iron deficiency chlorosis. Ashtabula has purple flower color, gray pubescence, brown pod color, dull yellow seed-coat luster and yellow hila.

Strengths

- High yield
- Phytophthora root rot resistance
- Iron deficiency tolerance

Agronomic Performance of Ashtabula Across ND, 2009-2011

	Ashtabula	Sheyenne	Prosoy	Cavalier
Yield (bu/acre)	43.0	46.9	42.7	36.7
Seed Size (seeds/lb)	2830	2770	2500	2520
Oil (%) ¹	18.7	18.1	16.9	16.7
Protein (%) ¹	33.6	33.7	36.7	35.2
Lodging ²	1.4	1.4	2.1	1.4
Maturity	21-Sept.	26-Sept.	29-Sept.	14-Sept.

¹Protein and oil on a 13% moisture basis.

²Lodging: 1=best, 5=worst.