



Prosoy

Soybean

NDSU NORTH DAKOTA STATE UNIVERSITY



Characteristics

Yield	high
Relative Maturity	medium-late
Height	tall
Hilum Color	yellow
Phytophthora Root Rot	susceptible

Comments

Prosoy soybean was released in 2005. It is a conventional soybean variety intended for the tofu specialty market. Prosoy has high yield and is moderately tolerant to iron deficiency chlorosis. The relative maturity of Prosoy is 0.8. Prosoy has purple flower color, gray pubescence, brown pod color, dull yellow seed-coat luster and yellow hila.

Strengths

- High yield
- Tofu specialty variety

Agronomic Performance of Prosoy Across ND, 2009-2011

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

¹Protein and oil on a 13% moisture basis.

²Lodging: 1=best, 5=worst.