

STARK BARLEY

Two-rowed barley: Release information on a non-malting barley for North Dakota, South Dakota and Montana.

Growth habit: Spring  
Spike type: Two-rowed, lax  
Awn type: Semismooth  
Rachilla hairs: Long  
Aleurone color: White

Stark is a F<sub>2</sub> derived selection from the cross ND7014/Bowman sib that was made in the 1982 fall greenhouse planting.

Agronomic data were summarized over North Dakota barley yield trials grown from 1986-90. The data suggest that Stark has a yield advantage over Bowman and Hazen. Examination of the yield data from each year indicates that Stark had a great advantage over Bowman in wetter seasons. The test weight data showed that Stark was similar to Bowman. Stark is one day later than Bowman and somewhat taller. Stark has better straw strength than Bowman. Stark has excellent kernel plumpness in stressed and non-stressed nurseries.

Stark has good resistance to heat and moisture stress and can be recommended for production in western North Dakota. It could be grown as a non-malting barley in central North Dakota and drier sites in eastern North Dakota.

Chuck Goemmer  
WSCIA  
FAX: 509-452-0616

---

Enclosed is the information on Stark and Bowman Barley.

---

Please note Stark has 2 - 6 row off types in it. One is a 6 row rough awned about 6-10 inches taller and the other is a 6 row semi-smooth awned about the same height as the Stark. Both of these off types stand out quite well about 4-10 days after heading.

---

Sincerely,

---

Bill J. Kuntz  
Seed Certification Specialist

---

---