

## **PINNACLE**

Synonyms - None

Experimental # 2ND21863-2

### **HISTORY**

Pinnacle was developed by North Dakota State University and released to growers in July 2007. It is a F7 reselection from the cross ND18172/ND19130 made in 2001. ND18172 is a late line having some resistance to Fusarium head blight and ND19130 is a low-protein line. J.D. Franckowiak developed Pinnacle while he was at North Dakota State University.

### **AREA OF PRODUCTION**

Pinnacle is intended for growing in Minnesota, South Dakota and North Dakota, but may also be adapted to neighboring regions in Canada.

### **AGRONOMIC CHARACTERISTICS**

**Yield** – High, similar to Tradition.

**Maturity** – Medium-late, heading 3 to 4 days later than Conlon.

**Straw Strength** – Moderately strong.

**Straw Length** – Mid-tall.

**Disease Reaction** – Moderately resistant to net form of net blotch, spot blotch, stem rust, and to Septoria speckled leaf spot; and susceptible to the spot form of net blotch.

### **UTILIZATION**

Used for malting and brewing.



## **DESCRIPTION**

**Plant** - Spring growth habit.

**Head** - 2-row, medium lax, mid-short, semi-nodding

**Beard** – Semi-rough.

**Glume** – Glumes are one-half the length of the kernel with long hairs in a band.

## **KERNEL**

**Hull** – Adhering, finely wrinkled.

**Aleurone** - Colorless.

**Rachilla Hairs** - Long.

**Veins** – Moderately prominent.

**Barbs of Lateral Veins** – Numerous.

**Crease** – Narrow and shallow at the base, flared toward the bread end.

**Point of Attachment** – Transverse crease.

**Kernel Size** – Kernel are large, slightly larger than to those of Conlon.

**Kernel Shape** – Kernels are mid-long.