

## Lacey

Synonyms - None

Experimental # M98

### HISTORY

Lacey originated from an F<sub>5</sub> plant from the cross M44/Excel//M46/M44///M44/Excel//Stander made in 1993 and was tested as M98. It was developed by the Minnesota Agricultural Experiment Station and released in February 2000.

### AREA OF PRODUCTION

Lacey is well adapted to the Upper Midwest, but may also perform well in the western Dakotas and Idaho as well as the prairie provinces of Canada.

### AGRONOMIC CHARACTERISTICS

**Yield** – Averages 12% higher than Robust

**Maturity** – Medium Late, similar to Robust.

**Straw Strength** – Intermediate to Robust and Stander

**Straw Length** – 6 cm shorter than Robust.

**Disease Reaction** – Stander possesses the *Rpg1* (T) gene for resistance to stem rust and is susceptible to the QCC pathotype of stem rust. It has the NDB112 gene for resistant to spot blotch and is susceptible to loose smut and *Fusarium* head blight.

### UTILIZATION

Used for malting and brewing.



## **DESCRIPTION**

**Plant** – Spring growth habit.

**Head** – 6-row, medium-lax.

**Beard** – Semi-smooth.

**Glume** – one half the length of the lemma with short hairs

## **KERNEL**

**Hull** – adhering and slightly wrinkled

**Aleurone** – White.

**Rachilla Hairs** – Short.

**Veins** – Central and lateral veins moderately prominent

**Barbs on Lateral Veins** – Few to none

**Crease** - V-shaped, narrow at base

**Point of Attachment** – Depressed tending toward a crease

**Kernel Size** - Medium large

**Kernel Shape** - Plump, wide at center, tapering to both ends, lateral kernels moderately twisted

**January 2003**