Lacey

Synonyms - None

Experimental # M98

HISTORY

Lacey originated from an F₅ 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

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