

AC METCALFE

Synonyms - TR232

HISTORY

Ac Metcalfe was developed from the cross of AC Oxbow/Manley made in 1986 at the Agriculture Canada Research Station in Winnipeg, Manitoba. Final evaluations were carried out at the Agriculture Canada Research Station in Brandon, Manitoba. The variety received full registration for commercial production in Canada in 1997.

AREA OF PRODUCTION

AC Metcalfe is a relatively early maturing, high yielding line with good malting quality characteristics. It is best adapted to the black and grey soil zones in western Canada.

AGRONOMIC CHARACTERISTICS

Yield - Grain yields are about 7% higher than Harrington.

Maturity - Midseason.

Straw Strength – Moderate, stronger than Harrington.

Straw Length - Midtall.

Disease Reaction – Good resistance to loose smut. Moderate resistance to stem rust and the spot-form of net blotch. Susceptible for scale and speckled leaf blotch.

UTILIZATION

Malt barley.



DESCRIPTION

Plant - Spring growth habit.

Head - 2-row, medium length. Semi-nodding to erect.

Beard – Rough with green tips.

Glume - Glumes slightly longer than $\frac{1}{2}$ the length of the lemma and covered with long hairs.

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Hull - Adhering and slightly wrinkled.

Aleurone - Colorless.

Rachilla Hairs - Long.

Veins -

Barbs of Lateral Veins - Few.

Crease - Narrow in lower half and flared toward beard end.

Point of Attachment – Horseshoe depression.

Kernel Size - Midlong.

Kernel Shape – Medium length.

March, 2004