HISTORY

The line Merit 57 (2B99-2657) was derived from the backcross (C96-4052) made in spring of 1996 in Ft. Collins, CO between Merit as female and the F₁ (C96-4009) used as male. The recurrent female parent (Merit) is a released BARI cultivar with a pedigree of Manley / 2B80-350. The male parent (C96-4009) is an F₁ hybrid with a pedigree of Merit / 2B94-5774.

AREA OF PRODUCTION

It is targeted as a two-rowed malting barley for the intermountain states of Idaho, Montana and Wyoming. It is later than desired for dryland production.

AGRONOMIC CHARACTERISTICS

Yield – Merit 57 is high yielding and out yields Merit by 2 bushels.

Maturity – Mid-season.

Straw Length – Strong strawed and equal to Merit.

Straw Strength – Intermediate, slightly better than AC Metcalfe.

Disease Reaction – Merit 57 has greater resistance to Scald than Merit. Moderately susceptible to Net Blotch.

UTILIZATION

Used for malting and brewing.
DESCRIPTION

Plant - Spring growth habit.

Head - 2-row, mid-dense, and slightly nodding.

Beard - Rough.

Glume – Glume one half the length of the kernel with long hairs confined to a band.

KERNEL

Hull - Adhering and finely wrinkled.

Aleurone - Colorless.

Rachilla Hairs - Long.

Veins – Lateral veins are well defined.

Barbs of Lateral Veins – Few.

Crease – Open and lacking crease hairs and fence hairs.

Point of Attachment - Depression.

Kernel Size - Large.

Kernel Shape – Mid-long to long. Longer than Harrington.