

## MERIT 57

Synonyms - TR05911, M57

Experimental # 2B99-2657

### 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 F<sub>1</sub> (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 F<sub>1</sub> 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.