

HOCKETT

Synonyms - PI 657121

Experimental # MT910189

HISTORY

Hockett is a spring two-rowed malting barley (*Hordeum vulgare L.*), released by the Montana Agricultural Experiment Station in 2008 with its first commercial production of seed in 2009. Hockett was developed by Montana State University and tested as MT910189. Hockett derived from the cross Bearpaw (Klages//Zephyr/Centennial/3/Clark)/ND7593 (ND4576-2 //ND4883/CM72) that was made in 1986. It was named after Dr. Eugene Hockett, the USDA-ARS scientist who served Montana and the Pacific Northwest for more than 30 years as barley breeder and geneticist. Hockett was tested under the experimental line designation MT91089, and was first entered into the Montana Agricultural Experiment Station statewide yield trials in 1993.

AREA OF PRODUCTION

Hockett is well suited to dryland production in the intermountain areas of the western US. It is susceptible to lodging and not recommended for irrigated production.

AGRONOMIC CHARACTERISTICS

Yield – Yields 5% greater than Harrington in Montana dryland trials.

Maturity – Heading three days earlier than Harrington.

Straw Strength – Susceptible to lodging.

Straw Length – Medium tall, 1 cm taller than Harrington.

Disease Reaction – Susceptible to Stripe rust.

UTILIZATION

Used for malting and brewing.



DESCRIPTION

Plant - Spring growth habit.

Head - 2-row, lax.

Beard – Rough.

Glume – Glume is $\frac{1}{2}$ the length of the lemma with long hairs confined to a band.

KERNEL

Hull - Adhering and slightly wrinkled.

Aleurone - Colorless.

Rachilla Hairs - Long.

Barbs of Lateral Veins – None.

Crease – Hairs present on ventral crease.

Point of Attachment – Depression.

Kernel Size – Large, plump seeds.

Kernel Shape – Plump kernels with less tapering than Harrington.