

VARIETY DESCRIPTION - Legacy

Legacy is a six-row, mid-season spring barley bred and developed by Busch Agricultural Resources, Incorporated Ft. Collins, Colorado. It has excellent malting quality.

Legacy is most similar to the spring barley variety "Robust", however it can be distinguished by the following morphological characteristics. Legacy is 12 percent higher yielding than Robust. Legacy has a lax head, Robust has a mid-lax head. Legacy has long glume hair confined to a band while Robust glumes are completely covered with short hair. Legacy has semi-smooth lemma awns, Robust has smooth lemma awns. Legacy has long rachilla hairs while Robust has short rachilla hairs. Legacy has lower protein, higher extract, greater diastatic power and higher Alpha Amylase than Robust.

Juvenile growth habit is erect. Plant color at boot is green with an upright flag leaf. Head shape is parallel and lax in density with a nodding head type. Neck is straight with a saucer collar. First rachis segment is long and narrow. Base of the first segment is a margin flange with hairs on the margin. Rachis shape is plain with interglume hairs and long hairs on the margins. Glume length is three-fourths the length of the kernel and glume hair is long and confined to a band. The glume awns are rough and longer than the length of the glume. Lemma awns are semi-smooth and longer than the length of the spike. Lemma teeth are frequent and sharkskin appears in interveinal areas. Lemma hair is absent and the base is a depression, showing a tendency to crease. Seed is covered, mid-long to long, finely wrinkled with wax slightly present. Aleurone is colorless. Palea tips are long. Rachilla length is one-third the length of the kernel with many long hair thicker at the base. Ventral crease is V-shaped with crease hairs and fence hairs.

Legacy is a Midwestern six-rowed variety well adapted to Minnesota, North Dakota, Idaho and Montana.