"STOCKFORD"

(Exp. # BZ 598-227)

Hooded 2/r Hay Barley

Description for Crop Improvement

Stockford is a two-rowed, hooded hay barley developed by WestBred, LLC from the cross "Baronesse / BZ 591-57". The line BZ 591-57 is a hooded six-rowed barley selected from the cross "{(CCXXXII-32 / Canadian six-rowed varieties) // Westford}. The Canadian six-rowed varieties crossed to short male-sterile plants in CCXXXII-32 were BT 527, Deuce, Empress, Leger, Noble, Samson, Virden, and Winchester.

Stockford is a two-rowed, spring, hooded hay barley adapted to the Intermountain area of the Pacific Northwest and to the Western Prairies of Canada.

Stockford is medium tall and mid-season in maturity. Spike exertion from the flag leaf is minimal (0-3 cm). Anthocyanin is absent in the stem, but present in the auricles and the lemma veins will be purple under certain growing conditions. The collar shape is closed and the neck is straight. The leaves and stems are slightly waxy. The flag leaves are drooping at the boot stage. The head is strap shaped, lax and slightly waxy. The glume length is more than ½ of the lemma and is completely covered with long hairs. The glume awns are less than equal to the length of the glumes and the awn surface is rough. The lemma is hooded and the awn surface is semi-smooth. Lemma teeth and lemma hair are absent. The shape of the base of the lemma is a depression, and the rachilla is long with a few long hairs. The seed is covered, long, semi-wrinkled and the aleurone layer is colorless.

Variants known to occur are: a six-rowed awned plant at a frequency of up to 4/10,000 plants, a two-rowed awned plant at a frequency of up to 4/10,000 plants and a six-rowed hooded plant at a frequency of up to 2/10,000 plants. Otherwise, no other variants are known to occur and "Stockford" is a stable and uniform variety in appearance and performance.

Application to the Plant Variety Protection will be made for Stockford and the Title IV option will not be chosen.

WestBred, LLC, 8111 Timberline Dr., Bozeman, MT 59718 (406) 587-1218