

Botanical Description of iW91-233-04

iW91-233-04 is a hard red winter wheat bred and developed by AgriPro Wheat. iW91-233-04 is a medium height semidwarf with medium-early maturity. iW91-233-04 contains a single dominant gene conferring tolerance to imazamox, a herbicide that controls both weedy annual grasses and broadleaf's in wheat.

Juvenile growth habit is semierect. Plant color at boot stage is blue green. Auricle anthocyanin and auricle hairs are present. Flag leaf at boot stage is erect and twisted. Waxy bloom is present on the head, stem and flag leaf sheath. Anther color is yellow. Head shape is strap and awned. Glumes are glabrous, wide in width and long in length with oblique shoulders and acuminate beaks. Seed shape is ovate. Brush hairs are medium in size and occupy a large area of the seed. Seed crease depth is shallow and width is narrow. Seed cheeks are rounded.

iW91-233-04 has been evaluated for adaptation in Oregon, Washington, and western Idaho in 2001-2002.