

It is a bearded wheat of medium height and maturity with brown chaff and moderately stiff straw. It is resistant to stem rust, leaf rust, false black chaff, and stinking smut. This is a high yielding variety where rust is a problem, and it has very good test weight. Milling and baking characteristics are satisfactory. Polk was developed by the Minnesota Agriculture Experiment Station and the Crops Research Division from a cross of Thatcher-Supreza x (Kenya 58-NewThatch x Frontana). It was released for production in Montana in 1968.

#### Durum wheat

Leeds - was recommended and released in 1968 for irrigated and dryland production in Districts 5 and 6. It has a heavier kernel and test weight than Wells and is more resistant to stem rust. Plant height is equal to Wells, but it is slightly earlier in maturity. Leeds yields about the same or slightly less than Lakota or Wells. The milling and semolina qualities of Leeds are satisfactory. Leeds was developed in North Dakota from the cross of Ld 357<sup>4</sup> x St.464-Ld 357 and released in that state in 1966.

#### Winter wheat (Hard red)

Crest - was recommended in 1967 for dwarf smut and stripe rust areas of Districts 1 and 2. It has brown chaff, awns, and short heads. It is about 4 inches shorter and heads 3 to 4 days earlier than Cheyenne. It is resistant to stripe rust and to prevalent races of dwarf bunt including D-3. Crest is a cross between P.I. 178383 x Westmont<sup>2</sup>. It was developed and released by the Montana Agricultural Experiment Station.

#### Spring wheat

Manitou - is recommended for irrigated and dryland areas in District 6. This variety is similar to Thatcher, but it has additional stem and leaf rust resistance. It is resistant to loose smut, but susceptible to stinking smut. Manitou is a beardless variety with white straw and chaff. It matures about the same time as Thatcher and is resistant to both shattering and lodging. The test weight may be lower than Thatcher, but the milling and baking quality is satisfactory. Manitou was developed by the Canada Department of Agriculture from a cross (Thatcher<sup>7</sup>-Frontana x Thatcher<sup>6</sup>-Kenya Farmer) x Thatcher<sup>6</sup>-P.I. 170925. It was released for production in Montana in 1968.

Polk - is recommended for irrigated and dryland areas in District 6.