

“Mpress”

Soft White Winter Wheat

Description for WA Crop Improvement

Mpress is a soft white winter wheat that was selected for yield, maturity, plant height uniformity, disease reaction and satisfactory preliminary quality screen. Mpress has shown good adaptation in the high to moderate rainfall regions of western Idaho, eastern Washington, north-central and northeastern Oregon and irrigated production in the southern Snake River region of Idaho and the irrigated production areas of Washington. At 13 testing locations in 2016 & 2017 with heads up comparison, M-Press averaged 6.9% higher yields than SY Ovation and 13.2% higher yields than WB1529.

Mpress has medium maturity, with a medium to short stature and very good stand ability. Mpress shows strong strip rust resistance for both seedling and HTAP with excellent spring vigor and very good winter hardiness. Mpress had moderate tolerance to C-Stripe and 1 gene for soil borne wheat mosaic virus.

Less than 0.5% of plants were rogued from the Breeder Seed increase. Ninety percent of the variant plants were taller (8 to 14cm). One percent of the variants were awnless as opposed to the predominant awned type. Up to 0.1% variant plants may be encountered in subsequent generations. Up to 0.3% red seed may be encountered in all classes of certified production.

The McGregor Company maintains seed stock and certified classes of Foundation, Registered and Certified Seed. PVP was applied for in 2017.