



SY MANNES VARIETY DESCRIPTION

VARIETY NAME: SY MANNES

CODE NAME(S): BW1093, NH032, 08S0303-16

VARIETY REG NUMBER: 9412

CROP KIND: Hard red spring wheat (CWRS)

AREA OF ADAPTION: Most wheat growing areas of the Canadian prairies

DESCRIPTION: BW1093 is a hollow stemmed wheat, having red grain and end-use specifications suitable for the Canadian Western Red Spring (CWRS) wheat class. In one year of yield testing across Zones 1-4 in the Northern Hard Red Coop BW1093 yielded higher than three of the checks Carberry, Unity & 5700PR (2 to 6.5%) but less than Faller (-14%). In two years of testing in the Western Bread Wheat Coop (WBWC), BW1093 yielded better than Glenn (5%), Carberry (5.5%) and less than AAC Viewfield (-6%). BW1093 yield performance was greater than Glenn & Carberry across all zones. BW1093 is earlier in maturity (1 day) than Glenn & Viewfield and 2 day earlier than Carberry. BW1093 is short in stature similar to AAC Viewfield and shorter than Glenn (9 cm), straw strength is weaker than Carberry, but similar to Glenn and stronger than Unity. Overall Test weight is higher than all checks except Glenn (-0.8kg/hL). Overall Grain protein of BW1093 was slightly lower than Carberry (-0.2%) but greater than AAC Viewfield (+0.6%). BW1093 is resistant to leaf and stem rust and is rated MR for Stripe Rust and moderately susceptible for common bunt over three years of testing. BW1093's reaction to Fusarium Head Blight (FHB) is generally a MR over three years of testing across locations.

STRENGTHS: High yield, high protein, short height, high TKW

SY MANNES VARIANTS:

Variant/Off-types	Maximum allowable level			
	Select per 20,000	Foundation per 10,000	Registered per 10,000	Certified per 10,000
Tall (up to two heads taller)	8	8	24	64
Awne variants	1	1	3	8
Apically awne	1	1	3	8
Mechanical	1	10	10	28