

TRIPLE 2 WINTER WHEAT



- Incredibly High Yield Potential
- Wide Sowing Window
- Strong Disease Package
- Mid Maturity

Triple 2 (tested as AGFWH010222) is an awned, high yield potential, red-grained feed winter wheat, with a mid-maturity that is slightly slower than LRPB Beaufort.

Triple 2 has a strong disease resistance package with good Septoria and Stripe Rust resistance. It has shown strong resistance in nil and low fungicide trials proving the robustness of the genetics.

Triple 2 has a wider sowing window and will be complimentary to existing longer season winter wheats in sowing programs and suit medium & high rainfall zones.

MATURITY SPEED VERY QUICK VERY SLOW	SCEPTORIA TRITICI BLOTCH 	POWDERY MILDEW 	STRIPE RUST 	LEAF RUST 	WINTER WHEAT 	DUAL PURPOSE 	AWNED RED FEED
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DISEASE PACKAGE

Triple 2 has been rigorously monitored both in AGF Seeds and Independent Trials such as FAR and NVT and has shown a strong disease resistance package. Of note is the resistance Triple 2 has shown to Septoria and Stripe Rust.

In nil, and low fungicide trials Triple 2 has shown incredible resilience and offers growers flexibility in their spraying regime, allowing them to adjust to seasonal conditions.

Table 1: FAR GEN Trial, Wallendbeen, NSW, 2023: Influence of variety and fungicide management on disease infection (Septoria tritici blotch *STB) and stripe rust (Yr), assessed 24 October, 2023 during grain fill. (0 = good, 100 = bad)

	Flag		Flag-1		Flag-2	
	STB	YR	STB	YR	STB	YR
Nil Fungicide						
Triple 2	0.0	0.0	0.0	0.0	0.0	0.0
Willaura	1.0	70.0	57.5	9.3	100.0	0.0
RGT Accroc	0.0	7.3	1.3	18.8	15.3	6.0
Anapurna	0.3	0.0	1.3	0.0	4.5	0.0
Full Fungicide						
Triple 2	0.0	0.0	0.0	0.0	0.0	0.0
Willaura	0.5	0.8	8.3	0.0	57.0	0.0
RGT Accroc	0.0	0.0	0.8	0.0	4.3	0.0
Anapurna	0.0	0.0	0.0	0.0	0.3	0.0

Table 2: AGF Seeds Trial, Smeaton, Vic, 2023: Main season wheat variety trial disease scoring (0 = Good, 100 = Bad)

Variety	2 Fungicides Infection Scoring (0-100)			1 Fungicides Infection Scoring (0-100)			Nil Fungicide Infection Scoring (0-100)		
	Septoria Tritici Blotch	Stripe Rust	Powdery Mildew	Septoria Tritici Blotch	Stripe Rust	Powdery Mildew	Septoria Tritici Blotch	Stripe Rust	Powdery Mildew
Triple 2	5	0	5	5	0	5	5	5	0
Beaufort	20	10	5	30	0	0	30	20	0

Table 3: NVT Disease ratings (p = provisional, # May be more susceptible to alternate pathotypes)

Variety	Stripe Rust (2024 East Coast) Resistance	Leaf Rust Resistance	Septoria Tritici Blotch Resistance	Powdery Mildew Resistance
Triple 2	RMRp	MRMSp	MRMSp	RMRp
LRPB Beaufort	RMR	MSS	S	RMR
LRPB Trojan	S	MR#	S	S
RockStar	S	S	S	SVS
Willaura	S	MRMS	S	SVS

YIELD POTENTIAL

Tested in a range of yield environments Triple 2 has consistently shown its potential to out yield its competitors.

Triple 2 maintains competitive yields in lower yield environments and when conditions allow has incredible high yield potential with 10t/h+ yields recorded in internal and independent trials.

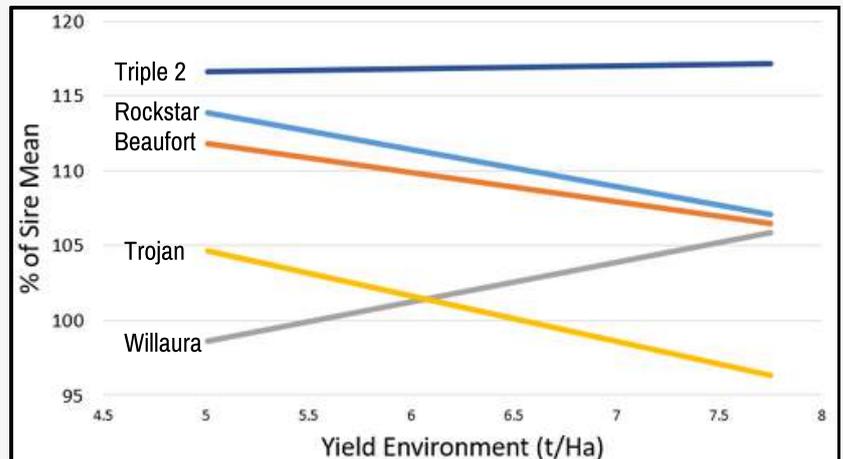


Table 4: Yield Environment vs Linear Regression of the % of Site Mean in the 6 NVT Trials Triple 2 was entered in 2023. Trials by Regions, 3 x SW Vic, 2 x NE Vic, 1 x SE SA

Table 5: Yields (t/ha) from FAR Germplasm Evaluation Network (GEN) in NSW, Vic, & SA, and AGF Seeds Main Season Wheat Trial Smeaton, Vic

Variety	FAR Gen Wallendbeen 2023, NSW		FAR GEN Gnarwarre 2023, Vic		FAR GEN Millicent 2023, SA		AGF Main Season Wheat Trial Smeaton 2023 Sown: 4/05/2023			AGF Long Season Wheat Trial Smeaton 2023 Sown: 18/04/2023		
	Nil Fungicide	Full Fungicide	Nil Fungicide	Full Fungicide	Nil Fungicide	Full Fungicide	Nil Fungicide	1 Fungicide	2 Fungicide	Nil Fungicide	1 Fungicide	2 Fungicide
Triple 2	9.48	9.85	6.26	6.72	9.49	10.59	8.26	9.8	9.82	10.72	11.20	10.61
Willaura	5.77	7.94	3.04	5.32	5.45	8.00	4.14	6.29	6.32			
Anapura	7.55	7.77	5.55	6.17	6.71	7.75				9.44	9.40	9.53
RGT Accroc	6.47	7.01	4.21	5.91	5.74	9.06	5.17	7.36	7.83	5.22	8.61	8.95
Site Mean (t/ha)	7.06	7.88	4.88	6.11	6.66	8.08	5.96	7.58	7.88	7.72	8.79	8.93

MATURITY & REGIONALITY

Triple 2 is a mid maturity winter wheat and has a wider sowing window than later maturity winter wheats such as BigRed and RGT Accroc. With a maturity slightly slower (+4 to 8 days) than LRPB Beaufort, Triple 2 has greater adaptability in high and medium rainfall zones.

In high rainfall zones, Triple 2 can be sown in cropping programs as a complimentary variety to later maturity winter wheats (BigRed, RGT Accroc, Longford).

In medium rainfall zones, Triple 2 provides an earlier sowing option than main season spring wheats.

