

- Broadacre Seeds
- Pasture Seeds
- Forage Crop Seeds
- Cover Crop Seeds
- Lawn Seed

STAND UP STOCKADE ^(D)

- Built on Trojan with key improvements
- Extremely high yield potential
- Improved disease tolerance
- APW Classification for Southern and Western Zones
- A more suitable maturity
- White, milling grain
- A long term breeding program with the SESA, SW Vic and Tas HRZ in mind.

A long serving variety, Trojan has been a highly valuable wheat variety for many growers.

AGF Seeds is pleased to introduce Stockade, from the breeders of LRPB Trojan and LRPB Beaufort. Stockade is Australian bred, by LongReach Plant Breeders. LongReach took Trojan and have improved on it with strategic crossing and selection. The result, a high yielding Very Slow Maturity Spring wheat for the Long Season areas of the Southern market to compete with the Red Wheats currently being grown on farm.



Stockade ^(D) Spring Wheat White, milling grade, Awned, Very-Slow

<p>MATURITY SPEED</p> <p>VERY QUICK VERY SLOW</p>	<p>SEPTORIA RESISTANCE</p> <p>MS</p>	<p>LEAF RUST RESISTANCE</p> <p>MR_p</p>	<p>STEM RUST RESISTANCE</p> <p>MS</p>	<p>STRIPE RUST RESISTANCE</p> <p>MR</p>
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PBR and EPR: Stockade ^(D) is protected by Plant Breeders Rights (PBR) (denoted by the ^(D) symbol) and all production (except seed saved for planting) is liable to an End Point Royalty (EPR). Stockade ^(D) growers will be subject to a Growers License Agreement that acknowledges that an EPR of \$3.65/tonne + GST has to be paid on all production other than seed saved for planting. EPR's collected on this variety will allow us to continue to develop even better varieties into the future.

Yield Performance

- Extensively evaluated in the LongReach trial program, FAR hyper yielding screening, NVT and AGF R&D site.

2021 AGF Seeds Smeaton Medium Maturity Wheat Trial (Sown 7th May)

Variety	Yield (% SMY)	Heading Date	Septoria (% Plot)	Stripe Rust (% Plot)	Height (cm)	Lodging (0 nil - 5 high)	Grain Loss (0 nil - 5 high)		
Stockade	116	23-Oct	5	0	80	0	1		
RGT Accroc	112	20-Oct	10	0	82	0	0		
Big Red	112	22-Oct	5	0	88	0	1		
Rockstar	94	7-Oct	15	10	95	2	2		
Trojan	88	4-Oct	20	50	88	1	1		
Site Mean (t/ha)	11.17	CV %	9.28	P Value	<0.001	LSD	1.47	SE	0.73

2021 AGF Seeds Smeaton Slow Maturity Wheat Trial (Sown 19th April)

Variety	Yield (% SMY)	Heading Date	Septoria (% Plot)	Stripe Rust (% Plot)	Height (cm)	Lodging (0 nil - 5 high)	Grain Loss (0 nil - 5 high)		
Stockade	108	18-Oct	20	0	93	0	1		
RGT Accroc	107	14-Oct	30	0	97	0	1		
Big Red	107	16-Oct	5	0	98	0	1		
DS Bennett	97	14-Oct	40	10	112	2	3		
Valiant CL Plus	89	1-Oct	50	0	113	3	3		
Site Mean (t/ha)	12.18	CV %	3.27	P Value	<0.001	LSD	0.596	SE	0.296

2021 FAR Australia HYC Elite Screen Millicent (Sown 21st April)

Genotype	Yield t/ha	abc	Protein %	hi	Screenings %	e	test Weight kg/hl	a
Big Red	11.45	abc	11.6	hi	4.7	e	84.2	a
RGT Accroc	10.89	cde	11.8	hi	3.0	h	82.1	b
Stockade	9.49	e-h	12.9	c-f	5.5	cd	80.7	bcd
LRPB Beaufort	8.49	ghi	13.4	cd	6.9	b	77.6	fg
Trojan	6.79	jk	13.1	cde	1.8	i	80.7	bcd
Grand Mean	10.10		12.80		4.80		80.10	
LSD P=.05	1.46		0.70		0.80		1.80	
Treatment Prob(F)	<0.001		<0.001		<0.001		<0.001	
CV	8.7		3.5		1.4		10.1	

Quality Characteristic

- APW (Australian White Premium) in Southern (Vic & SA) and Western (WA) zones
- Large grain size, low-moderate screenings and good test weight which has coped well at hard finishing despite its very late spring maturity

Disease Profile

- Good resistance to Leaf Rust (MR) and moderately susceptible to Stem Rust (MS)
- Very good resistance to the newer pathotypes with Stripe rust rating (MR) increased in 2022 screening trials
- Good resistance to Septoria tritici (MS), which is essential for a HRZ variety, good resistance to Yellow Spot (MRMS) but susceptible to Powdery Mildew (SVS)
- Disease ratings have been updated after reviewing extensive data from the high pressure 2022 season with Stockade impressing in disease screens against high levels of Septoria and Stripe Rust to emphasise its excellent disease credentials

2023 NVT disease rating (3/3/23)

Variety	Leaf Rust Res	Stem Rust Res	Stripe Rust Res (East)	Black Point Res	CCN Res	Crown Rot Res	Septoria Tritici Res	Yellow Leaf Spot Res	Powdery Mildew Res
BigRed	MRMS	S	RMR		S	S (P)	MR	MR	RMR
DS Bennett	SVS	MS	S	MSS	S	VS	MSS	MRMS	R
LRPB Beaufort	MSS	SVS	RMR	MRMS	MS	S	S	MRMS	RMR
LRPB Trojan	MR#	MRMS	S	MS	MS	MS	S	MSS	S
RGT Accroc	SVS	MS	RMR	MRMS	S	SVS	MS	MRMS	MSS
RockStar	S	MRMS	S	MSS	MSS	S	S	MRMS	SVS
Stockade	MR (P)	MS	MR	MS*	MRMS	S	MS	MRMS	SVS
Willaura	MRMS	MR	S		MS	S	S	MS	S

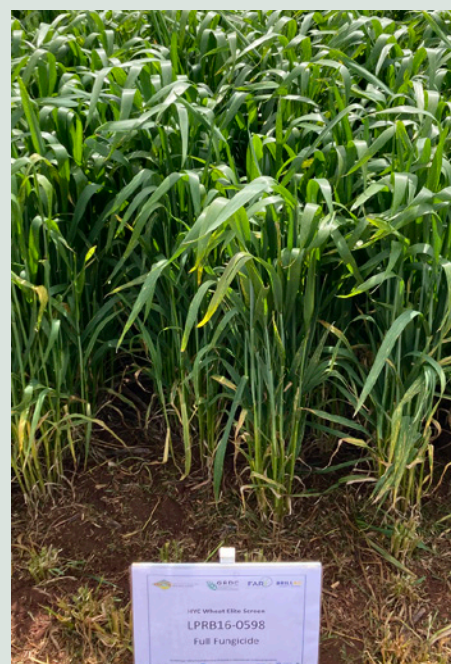
*LongReach Blackpoint rating as no NVT rating available

Agronomic Features

- Has a medium length coleoptile similar to Trojan with good establishment and like other slower maturity steady early vigour as tillering takes a priority to build good biomass, being similar to BigRed for vigour
- An erect plant type with medium-long flag leaf that closes the canopy well and good tillering to produce a good number of medium size heads.
- Medium plant height similar to Trojan with good lodging tolerance observed under high production situations
- Very Slow Spring maturity that is 5-10 days later than LRPB Beaufort and similar to BigRed in heading time
- Fully awned & white chaffed and that has shown to be low shattering (RMR)
- Shown similar tolerance to Black Point (MS to MRMS) to Trojan and Illabo in Preliminary screens

Selected for Australian conditions

#WideWorldOfSeeds



Pics courtesy of Kenton Porker, FAR Australia GRDC Hyperyielding crops (HYC) project, 11/10/22 Wallendbeen NSW.

NOTICE:

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