

LongReach

MUSTANG

New South Wales & Queensland

Now Free to Trade

Please complete the grower sales declaration form - available from our Pacific Seeds Website

VARIETY ATTRIBUTES

Quick maturity for main season planting like Spitfire

Has shown an average yield increase over Spitfire of 11% in 61 LongReach QLD/NSW trials over 7 years

APH quality in NSW and QLD to suit all main season growing areas

Outstanding shorter canopy to make on farm management and stubble handling easier

Excellent major gene Stripe Rust resistance (RMR)

Has coped well with Crown Rot (MSS) and RLN (MTMI) in tough seasons in the north

AGRONOMIC FEATURES

The cross (EGA Gregory/LPB1117) aimed to combine Gregory's broad adaption with the superior canopy of a high yielding breeding line. The end result has been a quick maturity APH wheat with a shorter canopy to make management easier.

Plant vigour is typical of other APH varieties with Mustang being a conservative tillering variety that has an erect open canopy. Mustang has a compact plant type throughout the season that ends up similar in height to Lancer at maturity. Mustang has a sound grain package with a good grain size and has an APH classification throughout NSW and QLD.

LongReach phenology trials have shown that LRPB Mustang tracks very similar to Spitfire at all seeding times. Mustang has shown the ability to move faster when stress comes to maximise yield.

LRPB Mustang has excellent major gene resistance to Stripe Rust (RMR) and good resistance to Stem Rust (MRMS). Mustang has moderate Yellow Spot resistance (MSS) and Black Point resistance (MS) which is an improvement over Gregory. Crown Rot Screening over the last 3 years has consistently shown Mustang to have useful Crown Rot resistance (MSS). Mustang has also shown good RLN (P.thornei) tolerance (MT-MI) that looks at least equal to Spitfire (MT-MI).

DISEASE RESISTANCE

Stem Rust		MRMS
Leaf Rust		MSS
Stripe Rust East		RMR
Yellow Spot		MSS
Septoria tritici		S
Crown Rot		MSS
Prat.thornei	Res	MSS
Prat.thornei	Tol	MTMI
Prat.neglectus	Res	S
Prat.neglectus	Tol	MI
Black Point		MS

Resistance ratings: VS = Very Susceptible
S = Susceptible, MS = Moderately Susceptible
MR = Moderately Resistant, R = Resistant
Tol Rating - T = Tolerant, MT = Moderately Tolerant
MI = Moderately Intolerant, I = Intolerant
Data sourced NVT and LongReach Plant Breeders Feb 2021. p = Preliminary Data Based on limited data set

YIELD PERFORMANCE

Northern Main Season NVT MET Analysis 2016-2020 Selected Varieties							
	Maturity	All Northern	NE NSW	NW NSW	CQ	SWQ	SEQ
LRPB Hellfire	Quick-Mid Spring	105.7	105.0	106.1	104.9	107.0	104.5
LRPB Spitfire	Quick-Mid Spring	93.5	93.2	92.5	95.4	92.1	96.5
LRPB Mustang	Quick Spring	100.7	101.4	102.5	96.8	101.8	99.8
Sunprime	Quick-Mid Spring	100.0	100.6	99.6	100.1	99.3	101.0
LRPB Flanker	Mid Spring	102.0	101.6	101.6	102.6	103.3	99.5
Coolah	Mid Spring	102.8	104.5	104.3	99.1	103.3	100.8
EGA Gregory	Mid Spring	99.2	99.7	99.0	98.4	100.3	97.0
LRPB Reliant	Mid Spring	103.6	103.0	102.8	102.3	106.8	102.1
Sunchaser	Mid Spring	101.5	102.0	101.7	99.7	102.1	102.2
Suntop	Mid Spring	102.4	101.7	101.9	101.1	104.7	103.4
Average Predicted Yield (t/ha)		3.22	3.14	2.77	3.38	3.69	3.34
Trials in Analysis		107	22	28	8	22	27

NVT Southern NSW Main Season MET Analysis 2016-2020 Selected Varieties					
	Maturity	Quality	Sth NSW	SE	SW
Beckom	Quick - Mid Spring	AH	108.7	109.7	108.1
LRPB Trojan	Quick - Mid Spring	APW	105.4	105.4	105.4
LRPB Mustang	Quick Spring	APH	99.6	100.4	99.1
LRPB Hellfire	Quick Spring	APH	96.0	93.9	97.5
Catapult	Mid Spring	AH	106.7	107.1	106.4
Coolah	Mid-Slow Spring	APH	100.1	101.0	99.5
LRPB Flanker	Mid-Slow Spring	APH	97.5	99.4	96.1
EGA Gregory	Mid-Slow Spring	APH	94.2	95.6	93.3
Average Predicted Yield (t/ha)			4.38	4.25	4.48
Trials in Analysis			52	22	30

LongReach Mustang is available through our Associate Network, for contact information please go to www.pacificseeds.com.au



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