

VARIETY ATTRIBUTES

A Quick-Mid Spring maturity for main season planting like Spitfire

11% yield increase over LRPB Spitfire while maintaining similar protein accumulation

Large grain, high protein and low screenings make LRPB Hellfire a standout grain package

Premium quality profile with APH classification in NSW and Qld

Solid disease package suitable for all main season growing areas in NSW and Qld

Medium plant height and good standability

AGRONOMIC FEATURES

LRPB Hellfire is a quick-mid spring maturing APH wheat with excellent yield performance and high protein accumulation. Quality testing during development in both the LongReach program and the NVT system has shown that LRPB Hellfire consistently produces protein levels similar to that of Spitfire, with high yields.

This feature makes LRPB Hellfire an important tool for growers looking to take advantage of stack averaging marketing opportunities, such as GrainCorp's Croptimise program, without sacrificing yield across the cropping program.

LRPB Hellfire shows excellent early vigour, solid resistance to Stem and Stripe rusts and good yield performance under the added stress of Crown Rot.

DISEASE RESISTANCE

Stem Rust		MR
Leaf Rust		MSS
Stripe Rust East		MR
Yellow Spot		MSS
Septoria tritici		S
Crown Rot		MSS
Prat.thornei	Res	MSS
Prat.thornei	Tol	MI
Prat.neglectus	Res	MSS
Prat.neglectus	Tol	TMT
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 Reliant	Mid Spring	103.6	103.0	102.8	102.3	106.8	102.1
LRPB Hellfire	Quick-Mid Spring	105.7	105.0	106.1	104.9	107.0	104.5
LRPB Mustang	Quick Spring	100.7	101.4	102.5	96.8	101.8	99.8
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 Spitfire	Quick-Mid Spring	93.5	93.2	92.5	95.4	92.1	96.5
Sunchaser	Mid Spring	101.5	102.0	101.7	99.7	102.1	102.2
Sunprime	Quick-Mid Spring	100.0	100.6	99.6	100.1	99.3	101.0
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

Grain Protein at Northern NSW and QLD Mains Season NVT Sites 2019-20

(37 Trials Ranked on Average Site Protein)



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



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End Point Royalty (EPR)

Each time a grower purchases seed of LongReach Hellfire the grower agrees to comply with the Variety Licence and Royalty Agreement, including agreement to pay the EPR of \$4.25 per tonne (GST excl). EPR is payable on all grain production, except on seed retained by the grower for replanting by the grower. The majority of the EPR will be paid by Advanta Seeds to the Breeder (LongReach Plant Breeders) for investment in future wheat breeding programs.

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