

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, good RLN tolerance, and good yield performance under the added stress of Crown Rot.

DISEASE RESISTANCE

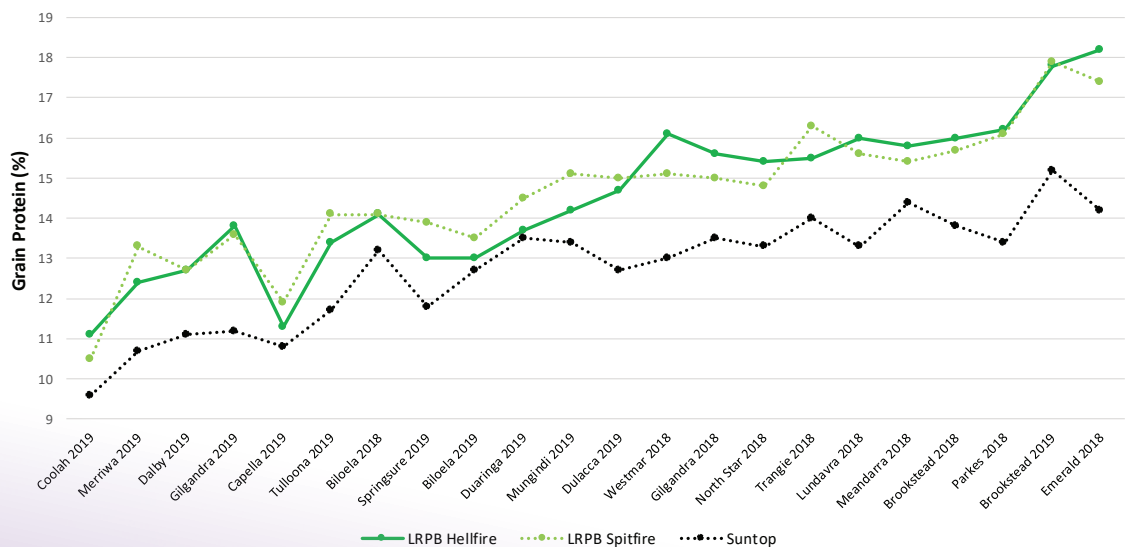
Stem Rust		MR
Leaf Rust		MSS
Stripe Rust East		MR
Yellow Spot		MS
Septoria tritici		S
Crown Rot		MSSp
Prat.thornei	Res	MSS
Prat.thornei	Tol	MTMIp
Prat.neglectus	Res	S
Prat.neglectus	Tol	-
Black Point		MS

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 2020. p = Preliminary Data Based on limited data set

YIELD PERFORMANCE

Northern Main Season NVT MET Analysis 2015-2019						
	All Northern	NE NSW	NW NSW	CQ	SWQ	SEQ
LRPB Reliant	106	105	106	105	109	106
LRPB Hellfire	105	104	105	105	106	105
LRPB Flanker	104	103	103	105	105	106
Sunchaser	104	104	104	102	106	104
Suntop	104	103	102	103	107	104
LRPB Mustang	104	105	106	98	105	100
Coolah	102	103	103	96	104	106
EGA Gregory	99	99	99	98	100	102
LRPB Spitfire	94	95	92	96	95	94
Average Predicted Yield (t/ha)	3.19	3.47	3.13	3.34	2.89	3.36
Trials in Analysis	107	22	26	21	30	8

Grain Protein at Northern NSW and QLD Main Season NVT Sites 2018-19
(Trials Ranked on Average Site Protein)



AgriGrain
Narromine, NSW
Ph: 02 6889 2200

Auswest Seeds
Forbes, NSW
Ph: 02 6852 1500

Hart Bros. Seeds
Junee, NSW
Ph: 02 6924 7206

Baker Seed Company
Rutherglen, VIC
Ph: 02 6032 9484

PB Agrifood
Toowoomba, QLD
Ph: 07 4633 5555

Woods Seeds Pty Ltd
Goondiwindi, QLD
Ph: 07 4670 0400

Galleon Grains Pty Ltd
Springsure, QLD
Ph: 07 4984 6141

Associated Grain
Dalby, QLD
Ph: 07 4669 9500



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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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