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KEY FEATURES

- A high yielding variety with early mid maturity, slightly quicker than Baxter in the north and similar to Ventura in the south
- Australian Prime Hard (APH) classification in Northern and South Eastern Zones
- Good level of resistance to Stripe rust (MR) based on Adult Plant Resistance
- Long Coleoptiles with strong early seedling vigour
- Market leading grain package with large grain size and low screenings
- Standout for high protein accumulation ensuring best possible opportunity for achieving APH
- Good yield potential under extreme Root Lesion Nematode pressure (MT-MI)

BREEDING Pedigree: Drysdale/Kukri

Spitfire (LPB05-2148) was bred by LongReach Plant Breeders, and has been extensively evaluated by the LongReach Plant Breeders technical team led by Dr Bertus Jacobs. The line was first entered into the National Variety Trials in 2008.

AGRONOMIC FEATURES

Spitfire has been in your area for enough years to know that it can deliver in main season plantings. Spitfire has early to mid-season maturity, slightly quicker than Baxter in the north and similar to Ventura and Livingston in the south. Spitfire has a long coleoptile and is of medium plant height at maturity and is rated MS for lodging. Appears well suited to Acid Soils with good yield performance in low pH soils. Spitfire shows broad adaptation and has performed well in a range of seasons and environments across New South Wales and Queensland.

Spitfire has large grain size similar to Ellison, larger than Ventura and Livingston. Growers have also seen for themselves that Spitfire is a standout for protein, enabling them to deliver into higher grades. This means that in the 2015/16 season Spitfire regularly made the APH grade. This is highlighted in the variety receival % in the Prime Hard grade. In contrast Gregory and Suntop had a tendency to cascade through the grades and peaked in the ASW grade.

Speed to head and security for APH delivery quality is backed up by an all-round disease package to make it the right choice for a main season planting.

DISEASE AND PEST RATINGS

Variety	Stem Rust	Leaf Rust	Stripe Rust Yr17+27+	Yellow Spot	Septoria tritici	Crown Rot	Prat. thornei Res.	Prat. thornei Tol.	Prat. neglectus Res	Prat. neglectus Tol.	Black Point
LRPB Spitfire	MR	MSS	MR	MSS	MSS	MS	MS	MT-MI	MSS	MT-MI	MS

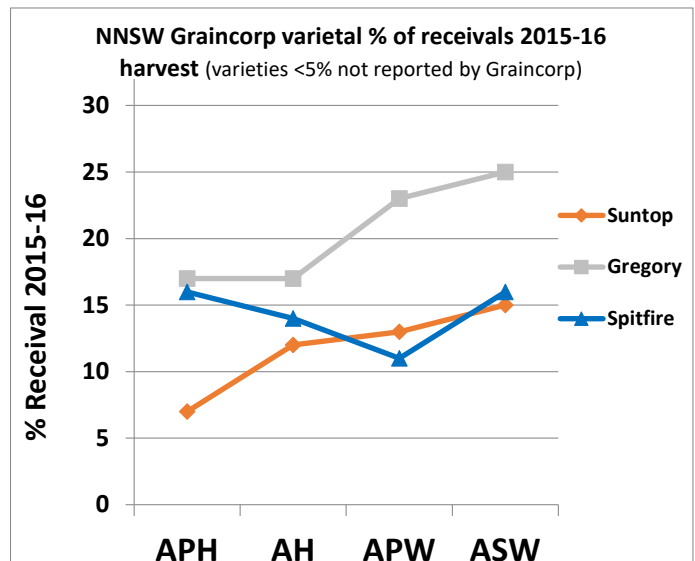
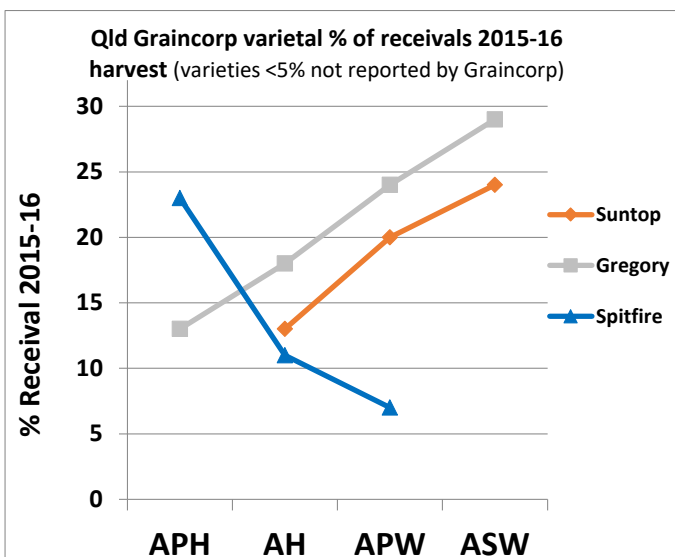
Resistance rating: VS=Very Susceptible, S=Susceptible, MS=Moderately Susceptible, MR=Moderately Resistant

R=Resistant. Tol Rating - T=Tolerant, MT=Moderately Tolerant, MI=Moderately Intolerant, I=Intolerant, VI=Very Intolerant

Data sourced NVT & LongReach Breeders 2017. p = Preliminary Data Based on limited data set

QLD and Northern NSW Main Season Long Term MET Yield (2012-16)

Year		2012	2013	2014	2015	2016
Mean Yield t/ha		3.17	2.88	3.14	3.59	4.68
Variety	Trial No.	24	23	23	25	28
Baxter	89	2.95	2.85	3.14	3.66	4.21
EGA Gregory	123	3.27	2.88	3.23	3.59	4.91
Kennedy	64	2.92	2.85	3.08	3.48	4.54
LRPB Crusader	123	2.95	2.88	3.11	3.59	4.45
LRPB Dart	123	2.92	2.88	2.98	3.37	4.31
LRPB Flanker	76			3.39	3.84	5.10
LRPB Reliant	76			3.45	4.06	5.01
LRPB Spitfire	123	3.01	2.94	3.14	3.55	4.45
Suntop	123	3.42	3.11	3.33	3.84	4.87
Sunvale	59	3.01	2.71	3.01	3.34	4.45



New South Wales

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