

New South Wales & Queensland



KEY FEATURES

- A high yielding variety suited to NSW and Queensland
- Mid late maturity with similar plasticity to EGA Gregory
- Australian Prime Hard (APH) classification in Northern Zone and South Eastern Zone
- Good level of resistance to Stripe rust (RMR) Stem rust (RMR) and Leaf rust (MR)
- A reliable grain package good test weights with sound grain size
- Flanker is derived from EGA Gregory (75%) and has shown a 4-8% yield increase over EGA Gregory

BREEDING Pedigree: EGA Gregory//EGA Gregory/Lang

Flanker (LPB10-2555) was bred by LongReach Plant Breeders, and has been extensively evaluated by the LongReach Plant Breeders technical team led by Dr Bertus Jacobs since 2009. The line was first entered into the National Variety Trials in 2014.

AGRONOMIC FEATURES

Flanker is suited to all areas of NSW and Queensland where Gregory is grown. Growth habit during establishment and vegetative period is almost identical to that of Gregory. Maturity is mid-late with trials showing heading occurs within a few days of Gregory. Flanker is slightly taller than Gregory and is suited to dryland rather than irrigated production. Like Gregory, Flanker has shown excellent plasticity for its maturity suiting a wide range of planting times and areas. Flanker has an APH classification in the Northern and South Eastern Zone and is already being regarded as having excellent Prime Hard quality. The grain package is similar in robustness to Gregory and Flanker has shown significantly lower screenings than Suntop. Flanker has excellent overall rust resistance and is a slight improvement over Gregory for Yellow Spot (MSS). Flanker has strong RLN (*P.thornei*) tolerance (T-MT) with similar RLN resistance to its parents (MS). Like Gregory Flanker is susceptible to Crown Rot (S).

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 Flanker	RMR	MR	RMR	MSS	MSS	S	MS	T-MT	S	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 and NSW DPI 2017. p = Preliminary Data Based on limited data set



Qld Early Season Long Term MET Yield (2012-16)						
Year		2012	2013	2014	2015	2016
Mean Yield t/ha		3.34	2.69	2.50	3.60	4.78
Variety	Trial No.	14	13	11	14	8
LRPB Flanker	33			110	115	109
Suntop	26			108	109	102
EGA Gregory	60	103	111	105	108	102
Baxter	60	103	115	107	101	90
LRPB Lancer	56	105	109	104	102	96
LRPB Gauntlet	60	104	111	101	104	95
Sunvale	60	99	104	99	98	93
Strzelecki	60	94	101	102	99	97

NSW Early Season Long Term MET Yield (2012-16)						
Year		2012	2013	2014	2015	2016
Mean Yield t/ha		3.49	3.32	3.82	4.15	5.47
Variety	Trial No.	20	22	21	24	25
Suntop	94	108	113	115	115	103
LRPB Flanker	70			106	111	103
LRPB Lancer	112	102	107	110	108	99
LRPB Gauntlet	112	101	105	108	109	95
Bolac	58	99	100	100	98	101
EGA Gregory	112	103	104	103	107	98
Sunvale	112	96	100	104	103	93
Strzelecki	111	94	93	93	95	93

Qld Main Season Long Term MET Yield (2012-16)						
Year		2012	2013	2014	2015	2016
Mean Yield t/ha		3.39	3.00	2.58	3.62	4.34
Variety	Trial No.	13	11	11	14	15
LRPB Reliant	40			115	114	110
LRPB Flanker	40			117	108	111
Suntop	64	107	107	106	109	106
EGA Gregory	64	103	101	111	101	105
Hartog	64	98	103	99	101	101
LRPB Gauntlet	60	100	99	98	100	96
LRPB Spitfire	64	96	100	98	99	97
LRPB Crusader	64	94	100	93	98	97

NSW Main Season Long Term MET Yield (2012-16)						
Year		2012	2013	2014	2015	2016
Mean Yield t/ha		3.39	3.00	2.58	3.62	4.34
Variety	Trial No.	13	11	11	14	15
LRPB Reliant	73			104	105	99
Suntop	116	107	106	104	105	99
LRPB Flanker	73			101	101	106
EGA Gregory	116	102	98	97	97	102
LRPB Gauntlet	117	98	98	98	99	96
LRPB Spitfire	117	94	101	98	99	92
LRPB Crusader	116	88	98	97	99	91
Sunvale	116	95	92	91	91	94

Flanker was first entered into NVT in 2014, yield data reflects 3years (2014-2016)

New South Wales

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Queensland

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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