

**NEW APH****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 (R-MR) Stem rust (MR) 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 3-6% 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.

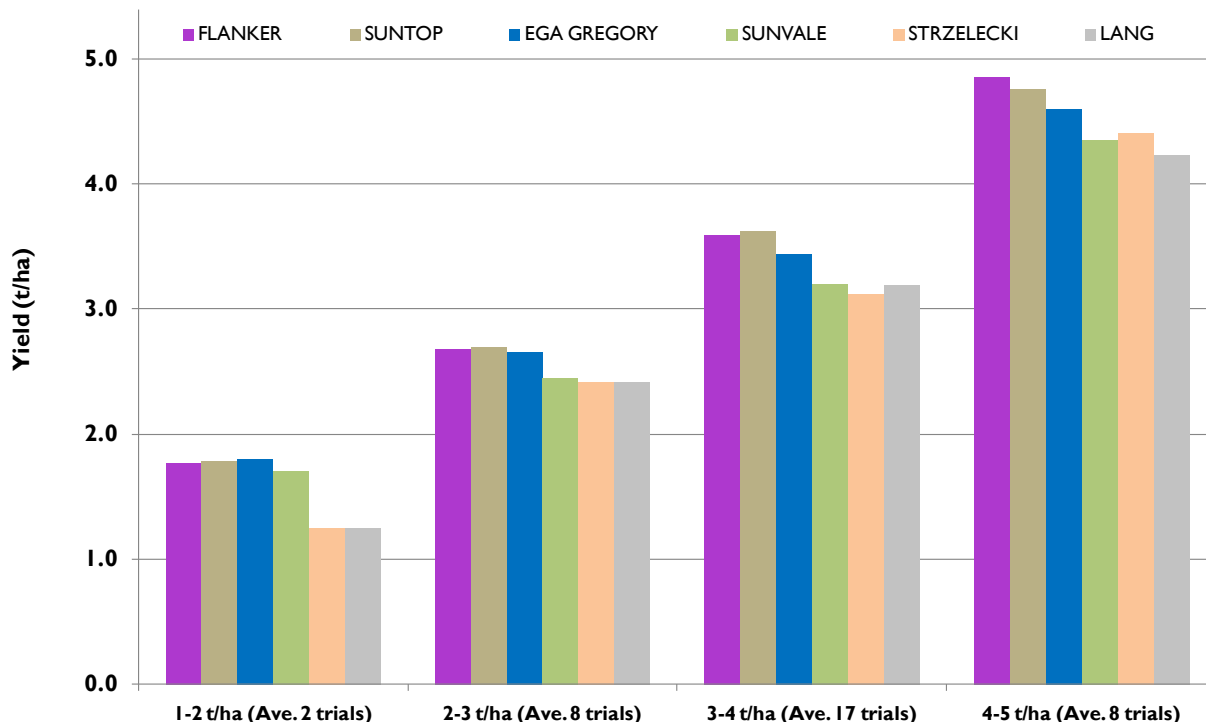
AGRONOMIC FEATURES

Flanker is suited to all areas of NSW and Queensland where EGA Gregory is grown. Growth habit during establishment and vegetative period is almost identical to EGA Gregory. Maturity is mid - late with trials showing heading occurs within a few days of EGA Gregory. Flanker is slightly taller than EGA Gregory and suited to dryland rather than irrigated production. Like EGA 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 with a grain package that is similar in robustness to EGA Gregory. Flanker has shown significantly lower screenings than Suntop.

Disease and Pest Resistance Ratings: Flanker and commercial varieties.									
Variety	Disease Ratings							Pest Reaction	
	Stem Rust	Leaf Rust p = provisional to new pathotype	Stripe Rust	Stripe Rust	<i>Septoria tritici</i>	Crown Rot	Yellow Spot	RLN (<i>Pthoraei</i>)	
			WA/Jackie	WA + Yr17 pt				Res	Tol
Flanker	MR	MR	R-MR	R-MR	MS-S(p)	S(p)	MS-S		MT-MI (p)
Bolac	MR-MS	S	R-MR	R-MR	MS	S	S	MR-MS	MT-MI _p
Chara	MR-MS	Sp	MS-S	MS-S	MS-S	Sp	MS-S	MR-MS	MT-MI
EGA Gregory	MR	MR	MR	MR	MS	S	S	MS	MT
Ellison	MR	-	R	MS	MS-S	S-VS	MR-MS	MS-S	I-VI
Lancer	R	R-MR	MR	MR	MS	MS	MS	MS	T-MT
Strzelecki	MR-MS	R	MR	MR	MS	S	MS	S-VS	I
Sunvale	R	Sp	MR	MR	MS	MS-S	MS-S	MS	MT
Sunzell	MR	MR-MS _p	R-MR	MS	MS-S	MS-S	MS-S	MS	MT

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 NSW DPI 2015 LongReachPlant Breeders p = Preliminary Data Based on limited data set

Long term MET yield from 35 Eastern Australian LongReach Main season trials (2012-2014)



Flanker and Gregory head to head (Snap shot of first year NVT performance)							
Early Season 2014 NVT	C Qld	SW Qld	SE Qld	NE NSW	NW NSW	SE NSW	SW NSW
Flanker (t/ha)	2.68	2.34	4.44	4.04	3.87	3.64	4.61
EGA Gregory (t/ha)	2.56	2.28	4.09	4.00	3.80	3.48	4.55
Site Mean Yield (t/ha)	2.45	2.25	4.02	3.77	3.60	3.52	4.59
% Gregory Yield	105%	103%	109%	101%	102%	105%	101%

Main Season 2014 NVT	C Qld	SW Qld	SE Qld	NE NSW	NW NSW	SE NSW	SW NSW
Flanker t/ha	2.30	2.48	4.28	4.18	3.82	3.81	4.29
Gregory t/ha	2.12	2.41	3.82	4.01	3.61	3.68	4.11
Site Mean Yield (t/ha)	2.17	2.17	3.88	4.11	3.64	3.71	4.27
% Gregory Yield	109%	103%	112%	104%	106%	104%	104%

New South Wales

Agrigrain Narromine, NSW Ph: 02 6889 2200	Grainland Pty Ltd Moree, NSW Ph: 02 6752 1511	Auswest Seeds Forbes, NSW Ph: 02 6852 1500	Hart Bros. Seeds Junee, NSW Ph: 02 6924 7206	Superior Seed Co Deniliquin, NSW Ph: 03 5881 6689
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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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Each time a grower purchases seed of LongReach Flanker the grower agrees to comply with the Variety Licence and Royalty Agreement, including agreement to pay the EPR of \$4.68 per tonne (GST inclusive). 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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