

VARIETY ATTRIBUTES

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 (RMR/MSS)

A reliable grain package, good test weights with sound grain size

Flanker is derived from EGA Gregory (75%) and has shown a 5% yield increase over EGA Gregory

AGRONOMIC FEATURES

The cross EGA Gregory//EGA Gregory/Lang.

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 (MS). Flanker has strong RLN (P.thornei) tolerance (MT) with similar RLN resistance to its parents (MSS). Flanker is moderately susceptible to Crown Rot (MSS).

DISEASE RESISTANCE

Stem Rust		RMR
Leaf Rust		RMR/MSS
Stripe Rust East		RMR
Yellow Spot		MS
Septoria tritici		MSS
Crown Rot		MSS
Prat.thornei	Res	MSS
Prat.thornei	Tol	MT
Prat.neglectus	Res	S
Prat.neglectus	Tol	MT
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
Leaf Rust - varieties with a second rating separated by a / show the reaction to the Lr_24 pathotype if it is present

Northern Early Season NVT MET Analysis 2016-2020

	Maturity	All Northern	CQ	SWQ	SEQ	NE NSW	NW NSW
EGA Gregory	Mid Spring	104.6	113.3	105.3	102.0	101.2	101.9
LRPB Flanker	Mid Spring	108.2	121.0	108.1	104.2	103.6	104.9
LRPB Lancer	Mid Slow Spring	103.3	110.8	100.9	98.1	101.9	103.2
LRPB Reliant	Mid Spring	107.8	117.4	108.1	105.3	103.8	105.3
LRPB Stealth	Mid Slow Spring	107.5	118.4	107.2	103.6	103.4	105.1
Sunmax	Slow-V.Slow Spring	100.1	88.0	103.5	109.9	101.8	100.7
Suntime	Slow Spring	102.5	101.9	102.7	103.6	102.1	102.7
Average Predicted Yield t/ha		3.12	2.83	2.79	3.38	3.69	3.17
Trials Included in Analysis		94	19	24	8	18	25

Northern Main Season NVT MET Analysis 2016-2020

	Maturity	All Northern	CQ	SWQ	SEQ	NE NSW	NW NSW
EGA Gregory	Mid Spring	99.2	98.4	100.3	97.0	99.7	99.0
LRPB Reliant	Mid Spring	103.6	102.3	106.8	102.1	103.0	102.8
LRPB Flanker	Mid Spring	102.0	102.6	103.3	99.5	101.6	101.6
Coolah	Mid Spring	102.8	99.1	103.3	100.8	104.5	104.3
Sunchaser	Mid Spring	101.5	99.7	102.1	102.2	102.0	101.7
Suntop	Mid Spring	102.4	101.1	104.7	103.4	101.7	101.9
LRPB Hellfire	Quick-Mid Spring	105.7	104.9	107.0	104.5	105.0	106.1
LRPB Spitfire	Quick-Mid Spring	93.5	95.4	92.1	96.5	93.2	92.5
LRPB Mustang	Quick Spring	100.7	96.8	101.8	99.8	101.4	102.5
Sunprime	Quick-Mid Spring	100.0	100.1	99.3	101.0	100.6	99.6
Average Predicted Yield (t/ha)		3.22	3.38	3.69	3.34	3.14	2.77
Trials in Analysis		107	8	22	27	22	28

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



PLANT BREEDERS RIGHTS

LongReach Flanker is protected by Plant Breeders Rights (PBR). In regard to propagating material (planting seed) of this variety, any unauthorised commercial production or reproduction, conditioning for propagation, offering for sale, sale, import, export or stocking of propagating material is an infringement under the Plant Breeders Rights Act 1994. Grower to grower trading of seed of LongReach Flanker is allowed.

End Point Royalty (EPR)

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 \$4.25 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.

The information provided in this publication is intended as a guide only. Advanta Seeds Pty Ltd (including its officers, employees, contractors and agents) (Advanta Seeds) can not guarantee that every statement is without flaw of any kind. While Advanta Seeds has taken all due care to ensure that the information provided is accurate at the time of publication, various factors, including planting times and environmental conditions may alter the characteristics and performance from plants. Advanta Seeds shall not be liable for any errors or omissions in the information or for any loss, injury, damage or other consequence whatsoever that you or any person might incur as a result of your use of or reliance upon the products (whether Advanta Seeds products or otherwise) and information which appear in this publication. To the maximum extent permitted by law, the liability of Advanta Seeds for any claim whatsoever arising out of the supply or use of or reliance upon the products and information in this publication (including liability for breach of any condition or warranty implied by the Trade Practices Act 1974 or any other law) is limited at its discretion, to the replacement of the products, the supply of equivalent products or the resupply of the publication. For application to specific conditions, seek further advice from a local professional.
© Advanta Seeds 2019.