

# LONGREACH LANCER

STATE: QLD & NSW

## FREE TO TRADE

Please complete the grower sales declaration form available from the Pacific Seeds website.



## VARIETY ATTRIBUTES

A mid to late maturing line which is driven by temperature. A few days quicker than Gregory in warmer seasons and 2 to 5 days longer on average in cooler seasons. Shorter canopy height with good resistance to lodging.

APH classification in Northern and South Eastern Zones (All NSW and QLD) with excellent grain package with good protein delivery, good grain size and low screenings.

Solid stripe rust resistance package based on adult plant resistance (RMR) very good resistance to stem (R) and leaf Rust (RMR/MRMS).

### DISEASE RESISTANCE

Stem Rust	R
Leaf Rust	RMR/MRMS
Stripe Rust East	RMR
Yellow Spot	MS
Septoria tritici	MS
Crown Rot	MSS
Prat.thornei (Res)	MS
Prat.thornei (Tol)	TMT
Prat.neglectus (Res)	S
Prat.neglectus (Tol)	MTMI
Black Point	MRMS

## AGRONOMIC BACKGROUND

Lancer has medium coleoptile length and has a short to medium plant height at maturity which gives it a significantly better lodging resistance than Gregory. This shorter canopy height means Lancer maintains good harvestability, even in bulky years and makes Lancer ideally suited to stubble retention systems.

Lancer's maturity is controlled by a moderate vernalisation (cold period) requirement. It is not suited to planting earlier in April as varieties in this window need stronger controls to hold heading until spring. Once Lancer's moderate vernalisation requirement has been met, its development speed is controlled by temperature.

Long term observations have shown Lancer to be 2-5 days longer than Gregory in average to cooler seasons or areas. Lancer can accelerate in warmer seasons or hotter areas to be a few days quicker than Gregory and in warmer areas seeding time may need to be delayed by a week.

Lancer has shown good protein accumulation, maintained low screenings and is regarded as a variety that regularly makes the higher grades at harvest.

Longreach disease ratings have been compiled from LongReach disease screening data and from NVT disease ratings March 2024. Resistance ratings: VS=Very susceptible, S=Susceptible, MS=Moderately susceptible, MR=Moderately resistant, R=Resistant. Tolerance ratings: T=Tolerant, MT=Moderately tolerant, MI=Moderately intolerant, I=Intolerant, VI=Very intolerant. p=Preliminary data based on limited data set. #=may be more susceptible to alternative pathotypes.

# LONGREACH LANCER

## YIELD PERFORMANCE

Lancer has been on farm for enough years to ensure growers are confident it can deliver on yield. In good seasons Lancer has shown it has yield and the compact canopy that delivers efficiency at harvest. In tighter seasons Lancer has shown it can match Gregory for toughness and maintain grain quality to deliver at harvest. For these reasons Lancer is now the northern APH of choice by growers in the late April to mid May planting window.

Qld early season long term MET yield (2013-17)						
Year		2013	2014	2015	2016	2017
Mean Yield t/ha		2.70	2.47	3.73	4.77	2.07
Variety	Trial No.	13	11	15	8	15
EGA Gregory	62	110	96	107	102	117
LRPB Flanker	49		101	113	107	124
LRPB Gauntlet	62	109	95	102	94	105
LRPB Lancer	62	108	98	101	96	113
Strzelecki	62	98	91	98	97	104
Suntop	36		102	106	99	113
Sunvale	62	103	91	96	91	108
Sunzell	45	95	91	95	94	96

NSW early season long term MET Yield (2013-17)						
Year		2013	2014	2015	2016	2017
Mean Yield t/ha		3.19	3.64	4.08	5.45	3.27
Variety	Trial No.	22	20	24	25	13
Bolac	53	98	99	96	100	102
EGA Gregory	104	101	103	104	96	105
LRPB Flanker	82		107	109	101	112
LRPB Gauntlet	104	104	108	108	94	107
LRPB Lancer	104	106	110	108	98	113
Strzelecki	90	93	94	94	92	
Suntop	94	111	114	113	102	116
Sunvale	104	99	104	101	91	104

LRPB Lancer is available through our Associate Network for contact information please go to [www.pacificseeds.com.au](http://www.pacificseeds.com.au)

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