



LongReach



Lancer

New South Wales & Queensland

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Please complete the grower registration form - available from our Pacific Seeds Website

KEY FEATURES

- A mid to late maturing line which is responsive to temperature (see maturity section below) APH classification in Northern and South Eastern Zones (All NSW and QLD)
- Excellent grain package with good protein delivery, good grain size and low screenings
- Solid Stripe rust resistance package based on Adult Plant Resistance (MR) very good resistance to Stem (R) and Leaf rust (RMR)
- Shorter canopy height with good resistance to lodging
- Performs well under crown rot pressure (MS) and leading tolerance to RLN (T-MT)

BREEDING Pedigree:V1184/Chara//Chara/3/Lang

Lancer (LPB07-0548) was bred by LongReach Plant Breeders, and has been extensively yield tested by LongReach Plant Breeders since 2007. The line was first entered into the National Variety Trials in 2011.

MATURITY

Lancer’s maturity is controlled by 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. Lancer will accelerate in warmer seasons or hotter areas and in these situations seeding time may need to be delayed by a week. Long term observations have shown that in Northern NSW, Lancer has a similar maturity to Strzelecki and a few days longer than Gregory. In Southern NSW, Lancer has a similar maturity to Bolac and a few days longer than Gregory.

AGRONOMIC FEATURES

Lancer has medium coleoptile length and has a short to medium plant height at maturity, this gives significantly better lodging resistance over Gregory. The shorter canopy height means Lancer maintains good harvestability even in bulky years. Lancer has shown good protein accumulation and maintained low screenings. Lancer is regarded as a variety that regularly makes the higher grades at harvest.

DISEASE AND PEST RATINGS: LANCER AND COMMERCIAL VARIETIES.

VarietyName	Stem Rust	Leaf Rust	Stripe Rust	Septoria tritici	Crown Rot	Yellow Spot	Prat. thornei		Prat.neglectus		Black Point
			Yr_17+27+				Res.	Tol.	Res.	Tol.	
Bolac	MRMS	S	RMR	MS	S	S	MRMS	MT-MI	MSS	MI	MSS
EGA Gregory	MR	MR	MR	MS	S	S	MSS	MT	MSS	MT	MSS
LRPB Flanker	RMR	MRMS	RMR	MS	S	MSS	MS	T-MT	MSS		MS
LRPB Lancer	R	RMR	MR	MS	MS	MS	MS	T-MT	S	MT-MI	MRMS
Lang	R	MS	MS	MSS	MSS	MSS	MSS	MI-I	S	MI	RMR
Strezelecki	MR-MS	RMR	MR	MS	S	MS	SVS	I	S	MT	MS
Sunvale	RMR	S	MR	MS	MSS	MSS	MSS	MTMI	MSS	MI	RMR
Sunzell	MR	MS	MS	MSS	MSS	MSS	MS	MT	MS	MI	S

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 2016 LongReachPlant Breeders. p = Preliminary Data Based on limited data set



NVT MET analysis 2011-2015 Early Season trials in New South Wales								
Variety Name	North East NSW		North West NSW		South East NSW		South West NSW	
	t/ha	%MY	t/ha	%MY	t/ha	%MY	t/ha	%MY
Bolac	3.86	100	3.19	99	4.22	99	3.71	100
EGA Gregory	3.98	103	3.38	105	4.42	104	3.79	102
EGA Wedgetail	3.36	87	2.89	89	4.00	94	3.47	94
LRPB Flanker	4.11	106	3.54	110	4.67	110	3.99	108
Gauntlet	4.11	106	3.38	104	4.30	101	3.73	101
LRPB Lancer	4.09	106	3.32	103	4.24	100	3.68	99
Lang	3.76	97	3.24	100	4.12	97	3.59	97
Strzelecki	3.25	84	2.98	92	3.96	93	3.45	93
Sunvale	3.86	100	3.19	99	4.10	97	3.58	97
Sunzell	3.66	94	3.05	94	4.02	94	3.41	92
RegMeanYield	3.87		3.23		4.25		3.70	

NVT MET analysis 2011-2015 Early Season trials in Queensland						
Variety Name	Central Qld		South East Qld		South West Qld	
	t/ha	%MY	t/ha	%MY	t/ha	%MY
Baxter	3.31	93	4.25	103	2.90	101
EGA Gregory	3.70	104	4.32	105	3.03	106
LRPB Flanker	3.93	111	4.45	108	3.21	112
Gauntlet	3.38	95	4.22	102	2.93	102
LRPB Lancer	3.36	95	4.20	102	2.87	100
Lang	3.27	92	4.08	99	2.84	99
Strzelecki	3.46	97	3.93	95	2.72	95
Sunvale	3.29	93	4.06	98	2.77	97
Sunzell			4.15	100	2.71	95
RegMeanYield	3.55		4.13		2.86	

New South Wales/Victoria

AgriGrain Narromine, NSW Ph: 02 6889 2200	Auswest Seeds Moree, NSW Ph: 02 6751 1209	Auswest Seeds Forbes, NSW Ph: 02 6852 1500	Hart Bros. Seeds June, NSW Ph: 02 6924 7206	Superior Seed Co Deniliquin, NSW Ph: 03 5881 6689	Baker Seed Co Rutherglen, VIC Ph: 02 6032 9484
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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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