



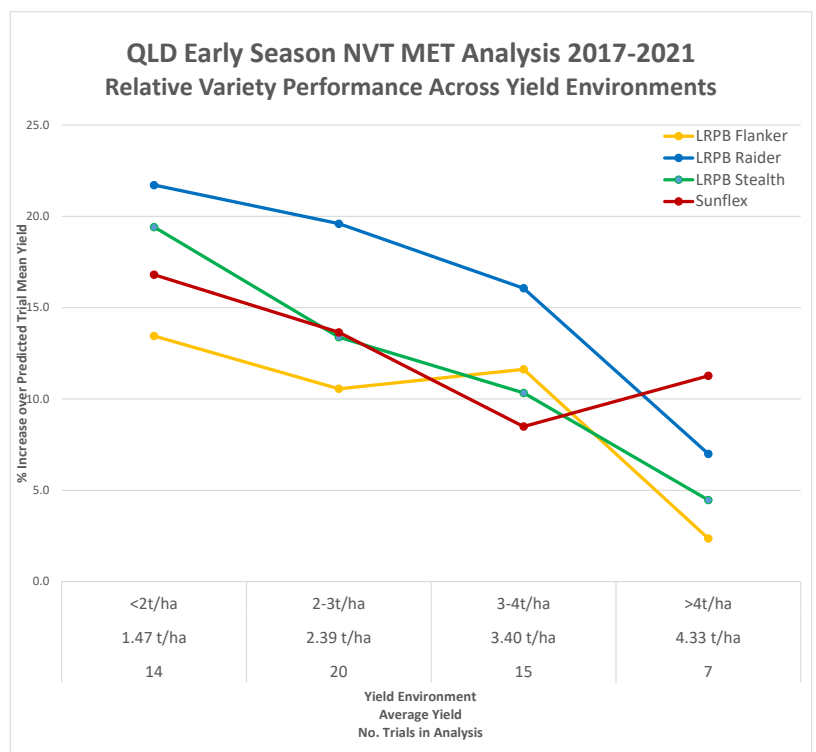
## CENTRAL QUEENSLAND WHEAT VARIETY UPDATE 2022

For varieties that are bred tough, the new LRPB Raider and LRPB Stealth are ideal for Central Queensland wheat growers.

Bred by LongReach Plant Breeders and marketed by Pacific Seeds, Raider and Stealth have been developed to provide Central Queensland growers with planting window flexibility without compromise on yield performance.

Raider is an APH wheat variety developed as a slow-spring option ideal for early season planting. A high yielding variety, Raider provides growers stable yield performance across a wider sowing window plus it offers a secure disease and grain package for all environments.

Stealth is a tough, mid-late maturity wheat that performs particularly well under dry finishes. It also features a provisional MRMS crown rot rating making it the highest rated APH variety in the market. Stealth has a solid resistance to all major leaf diseases like stem rust, leaf rust and stripe rust.



District	Varieties	Planting time by weeks															
		April				May				June				July			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
<b>Central Highlands</b> Dawson Callide Low Frost risk (higher slopes or more Northern areas)	LongReach Raider	E	C	C	C	C	L	L									
	EGA Gregory, Longreach Flanker, Longreach Lancer, <b>Longreach Stealth</b>	E	E	C	C	C	C	C	L								
	Longreach Reliant		E	E	E	C	C	C	C	C	C	L	L				
	Longreach Spitfire, Longreach Mustang, Longreach Hellfire		E	E	E	E	C	C	C	C	C	L	L				
<b>Central Highlands</b> Dawson Callide High Frost risk (river flats or areas known to be more frost prone)	LongReach Raider	E	E	C	C	C	C	L	L								
	EGA Gregory, Longreach Flanker, Longreach Lancer, <b>Longreach Stealth</b>			E	E	C	C	C	C	C	L						
	Longreach Reliant					E	E	C	C	C	C	L	L				
	Longreach Spitfire, Longreach Mustang, Longreach Hellfire					E	E	C	C	C	C	C	C	L			

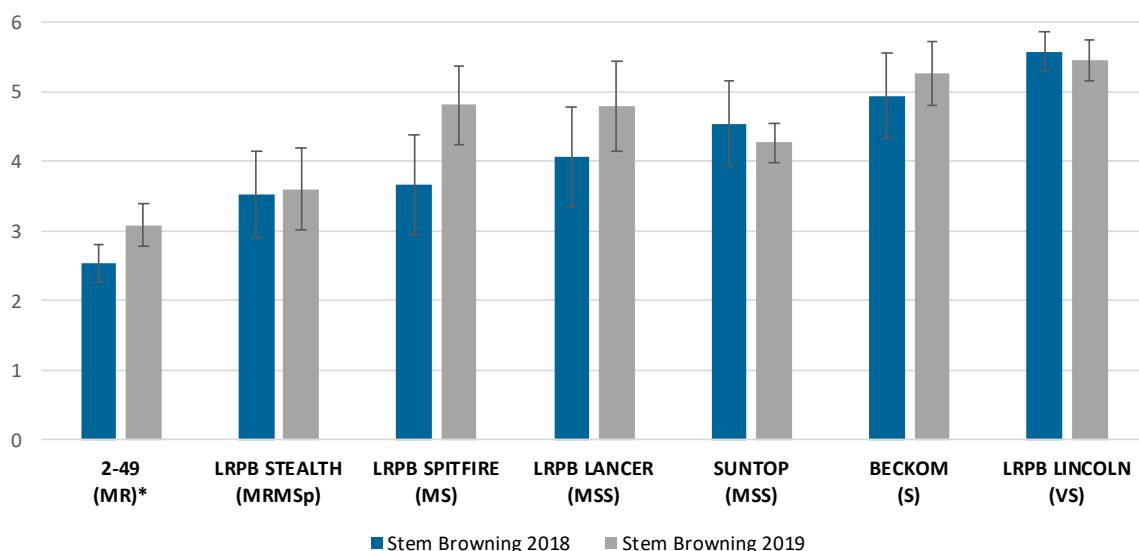
## VARIETY ATTRIBUTES

- Slow-Spring maturing variety suitable for late April to Early May planting
- High and stable yielding variety with APH classification in NSW/Qld and premium grain package
- Excellent Crown Rot resistance MRMS(p) making LRPB Stealth a class above most APH varieties available in the market
- Solid disease package suitable for all growing areas in NSW and Qld
- Stealth is medium plant height with a similar growth and yield accumulation pattern to Lancer

DISEASE RESISTANCE		
Stem Rust		R
Leaf Rust		RMR/S
Stripe Rust East		RMR
Yellow Spot		MS
Septoria tritici		MS
Crown Rot		MRMSp
Prat.thornei	Res	S
Prat.thornei	Tol	MTMI
Prat.neglectus	Res	MS
Prat.neglectus	Tol	MI
Black Point		MRMSp

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.

**LRPB / Sydney University Crown Rot Nursery 2018 - 19**  
**Stem Browning Rating at Maturity (0 = No Browning, 9 = Heavy Browning)**



\*2-49 is a public breeding line that has been shown to display high levels of Crown Rot Resistance

LRPB Stealth is the result of a targeted cross to increase Crown Rot Resistance in widely grown APH germplasm. LRPB Stealth has shown increased levels of Crown Rot resistance over well regarded varieties currently available across multiple years when assessed in disease nurseries.

## VARIETY ATTRIBUTES

- A Slow Spring maturing variety suitable for Early to Mid season planting throughout NSW and QLD
- High yielding variety showing stable yield performance across a wider sowing window
- Secure disease and grain package suitable for all production environments across NSW and QLD
- Moderate canopy for crop management with good standability
- APH classification throughout NSW and QLD

## DISEASE RESISTANCE

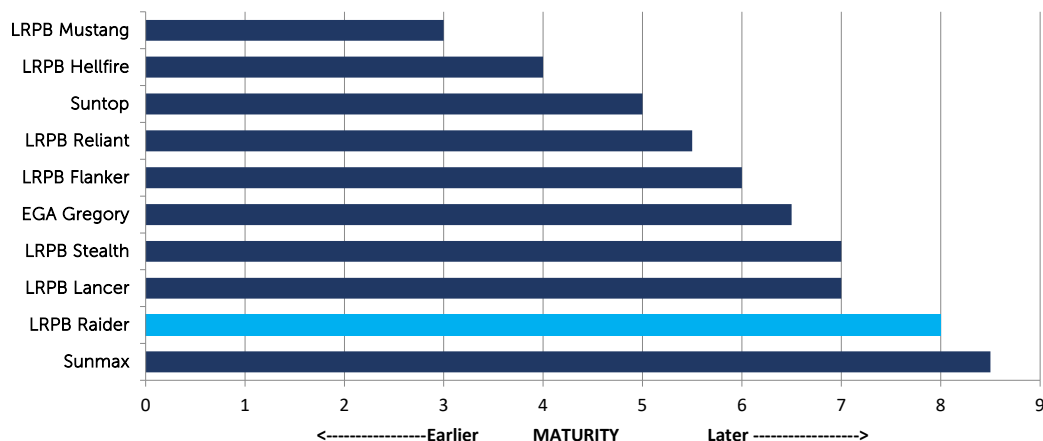
Stem Rust		Rp
Leaf Rust		Rp/MRMSp
Stripe Rust East		RMRp
Yellow Spot		MSSp
Septoria tritici		MSSp
Crown Rot		MSp
Prat.thornei	Res	-
Prat.thornei	Tol	MT
Prat.neglectus	Res	-
Prat.neglectus	Tol	-
Black Point		-

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## AGRONOMIC BACKGROUND

LRPB Raider is a LRPB Lancer/LRPB Reliant cross that was made in an effort to produce a shorter height LRPB Reliant type with an improved disease profile and increased tillering. The result is a slow spring variety with the ability to quicken in cooler environments and seasons, while retaining LRPB Lancer's high tillering growth style and LRPB Reliant's ability to finish the season off fast. These attributes help give LRPB Raider greater flexibility in its sowing window without compromising on relative yield performance.

### Wheat Maturity - NSW/Qld Selected APH Varieties



## Associate Network

LongReach Stealth and LongReach Raider wheat varieties are available through our Associate Network. Scan the QR Code for access to the full Associates Network List or go to [www.pacificseeds.com.au/wheat-and-oats-associates](http://www.pacificseeds.com.au/wheat-and-oats-associates)



## Plant Breeders Rights

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## End Point Royalty (EPR)

Each time a grower purchases seed of LongReach Stealth or LongReach Raider, 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.

## Further Information

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