

LONGREACH TRACER

LPB18-7186

Queensland and
New South Wales



VARIETY ATTRIBUTES

High yielding Mid Maturity variety suitable for main season seeding opportunities across NSW and QLD.

Good disease package for Northern production systems with excellent RLN (*p.thornei*) tolerance, combined with a compact canopy to aid in stubble management.

Strong performance in sodic soil yield trials.

Genetic marker data has confirmed the presence of Aluminum tolerance genes in the variety.

LRPB Tracer has received APH classification for NSW and QLD.

AGRONOMIC BACKGROUND

LRPB Tracer is a LRPB Mustang cross made with the aim of producing a compact main season variety with strong acid and sodic soil tolerances for NSW and QLD. It first entered field trials in 2018.

Maturity data collected throughout the LongReach field program shows LRPB Tracer to be a genuine mid season alternative to varieties like LRPB Reliant and Suntop and is well suited to main season planting times across NSW and QLD.

This maturity, combined with LRPB Tracer's compact canopy (similar to Lancer) offers growers a new option to aid with stubble management across the entire wheat program in the Northern Zone.

DISEASE RESISTANCE

Stem Rust	MS
Leaf Rust	MRMS
Stripe Rust East	MRMS
Yellow Leaf Spot	MSS
RLN (<i>p.thornei</i>)	MTp
Crown Rot	Sp
Powdery Mildew	MSSp

Longreach disease ratings have been compiled from LongReach Disease Screening data and from NVT Disease Ratings March 2025. 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 TRACER

YIELD PERFORMANCE

LRPB Tracer has demonstrated high yields throughout its time within the LongReach Plant Breeders field trial program. It has consistently outyielded varieties with similar maturities across the main season sowing window.

LRPB Nth NSW/QLD Main Season MET Analysis (2020-2023)						
Variety	Maturity	2020	2021	2022	2023	All Trials
SUNMASTER	Quick -Mid	112.2%	115.8%	117.4%	119.9%	117.2%
LRPB TRACER	Mid	124.0%	114.2%	114.8%	106.7%	113.4%
LRPB MUSTANG	Quick	115.2%	101.0%	101.3%	107.2%	103.6%
SUNTOP	Quick - Mid	110.6%	96.5%	103.7%	106.6%	103.0%
LRPB MAJOR	Mid - Slow	115.9%	95.0%	104.1%	103.9%	102.6%
COOLAH	Mid - Slow	111.9%	107.2%	95.3%	95.3%	99.5%
LRPB RELIANT	Mid	110.4%	85.2%	102.3%	95.9%	97.1%
LRPB HELLFIRE	Quick - Mid	112.0%	88.9%	95.6%	96.6%	95.3%
LRPB SPITFIRE	Quick	91.1%	86.8%	87.3%	95.7%	89.4%
Trial Mean Yield (t/ha)		3.86	4.59	4.8	3.18	4.18
Trials in Analysis		2	6	10	8	26

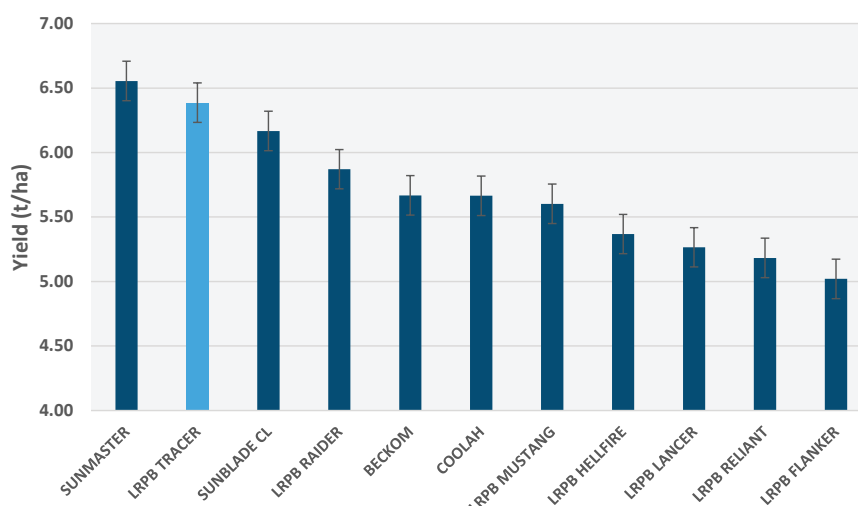
SODIC SOIL PERFORMANCE

In 2022 LongReach Plant Breeders conducted additional targeted field trials looking at yield performance of varieties under highly sodic conditions in Northern NSW.

LRPB Tracer was shown to be one of the highest yielding varieties. These results reinforce previous years field screening trials within the breeding program, along with multiple years of lab experiments.

LRPB Tracer is available through our Associate Network For Contact Information please go to www.pacificseeds.com.au

LRPB Boomi Nth NSW Sodic Soil Trial
Sown - 21/6/22, Mean Yield - 5.70t/ha



PLANT BREEDERS RIGHTS

LongReach Tracer 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 Tracer is allowed.

End Point Royalty (EPR) Each time a grower purchases seed of LongReach Tracer 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 2024.