

Key Features

- High yielding soft wheat with final ASFT classification in NSW and QLD
- Mid-Quick maturing variety very similar to QAL2000
- Compact canopy with good straw strength making it ideal for irrigated production systems
- Excellent disease package with market leading powdery mildew resistance

Disease Resistance	
Stem Rust	MSS
Leaf Rust	MRp
Stripe Rust	MRMSp
Yellow Spot	MRMS
Septoria tritici	Sp
Crown Rot	*MSSp
Powdery Mildew	MR
Data sourced from NVT and LRPB Feb 2023. p = Preliminary rating based on limited data set. * Indicates breeder rating	

Breeding Background

The initial cross for Scotch was made between a high yielding breeding line and LRPB Impala in 2014 as part of the dedicated LongReach Plant Breeders Soft Wheat breeding program in partnership with Allied Mills and Arnotts.

Yield Performance

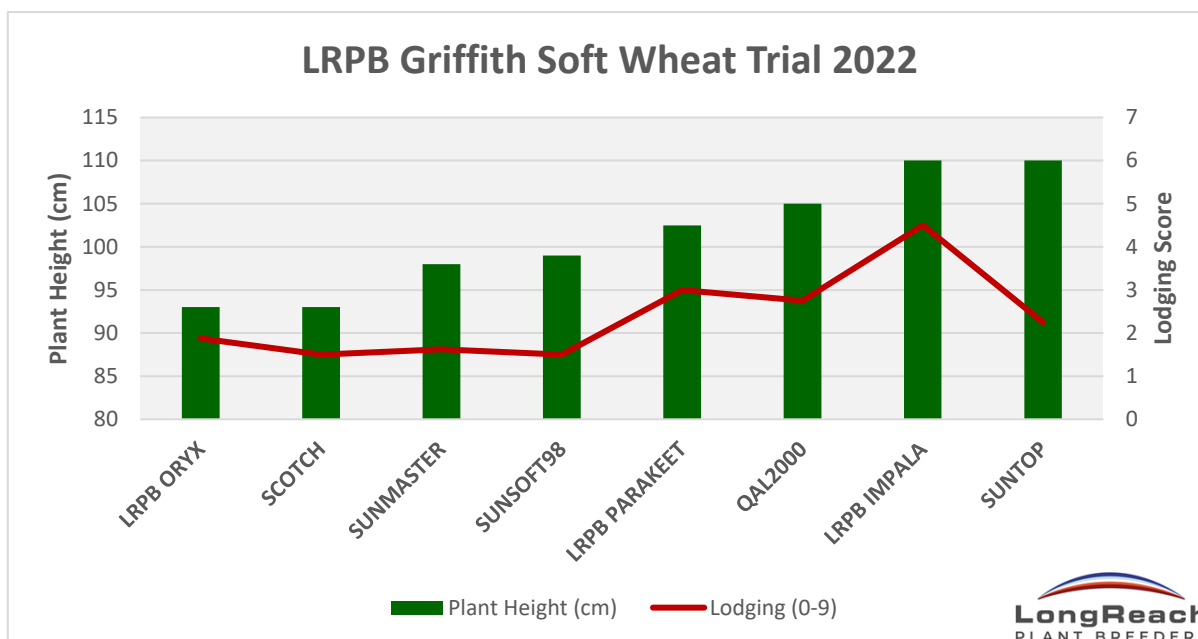
Scotch has consistently shown high yields across a range of seasons while tested within the LongReach Plant Breeders field program since it entered yield testing in 2016.

First entered in NVT trials in 2021 it has consistently demonstrated these yields across all production systems, particularly in irrigated trials, consistently outyielding QAL2000 by 5-10% and matching the yield performance of hard varieties known for their performance in irrigated systems.

South Eastern Main Season NVT MET Analysis (2018-2022)					
Variety	Mean Sth East Main Season	Sth East NSW	Sth West NSW	North Central Vic	North East Vic
Scepter	107%	107%	106%	108%	107%
Vixen	106%	105%	106%	107%	106%
LRPB Scotch	106%	107%	104%	106%	108%
Catapult	101%	98%	101%	103%	102%
LRPB Oryx	100%	102%	99%	101%	97%
QAL2000	98%	98%	98%	102%	98%
LRPB Impala	98%	100%	97%	101%	94%
LRPB Parakeet	93%	93%	93%	97%	90%
Mean Yield (t/ha)	4.85	4.71	4.85	4.37	5.48
Trials in Analysis	84	25	38	9	12

Plant Height and Standability

Scotch has a short compact canopy and has shown excellent standability in high production trials throughout the LRPB breeding program, and displaying a much more compact canopy than QAL2000.



Scotch is available through Hart Bros Seeds

office@hbseeds.com.au or call 02 69 247206 for enquiries

Plant Breeders Rights

Scotch is protected by Plant Breeders Rights (PBR) and all production (except seed saved for planting) is liable to an End Point Royalty (EPR). Growers who purchase seed of Scotch agree to comply with the Variety License and Royalty Agreement including agreement to pay \$4.00 per tonne produced. EPR is payable on all grain production, except seed retained by the grower for replanting by the grower. The majority of this EPR will be paid to the breeders (LongReach Plant Breeders) for investment in future wheat variety development.

End Point Royalty (EPR)

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