

LONGREACH

BOA

A SUPERIOR CANOPY FOR HIGH PRODUCTION AND IRRIGATION

EXCLUSIVE
BAKER
S E E D C O.

SPRING 2024 TESTED AS LPB19-8035

FEATURES

- Quick-mid maturity AH wheat that stands out for top end yield in high production scenarios and irrigated systems.
- Combined the best attributes of Scepter (D x Cobra) parentage to deliver a shorter canopy wheat with an erect growth habit to handle high input systems.
- Useful Stripe rust (MRMSp) and Leaf rust (MRp) resistance with both acid and boron tolerance traits.

BACKGROUND

Boa is a new wheat variety developed by LongReach Plant Breeders for South Australian, Victorian and Southern New South Wales growers.

Boa started life in LongReach yield trials in 2019 as LPB19-8035. Boa was first entered into NVT trials and industry trials in 2023.

Boa is AH quality in Victoria, South Australia and Southern New South Wales and has an EPR of \$4.00/t GST Exclusive.

ATTRIBUTES	RATING
Classification	AH (SA/Vic/SNSW)
Stem Rust	MSp
Leaf Rust	MR#p
Stripe Rust West	MRMSp
Septoria Tritici	Sp
CCN	MRMSp ^L
Yellow Spot	MSp
Powdery Mildew	Sp
Black Point	MSSp ^L
Boron Toxicity	MT
Acid Tolerance	MT-T
Farmer to Farmer Trade	Not Allowed
EPR Rate/MT (ex GST)	\$4.00

Longreach disease ratings have been compiled from LongReach Disease Screening data^a and from NVT Disease Ratings (September 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.

Note: p=preliminary data based on limited data set. #= may be more susceptible to alternative pathotypes.

YIELD

Boa has consistently out-yielded Scepter and has shown similar over all yield to Matador in SAVic LongReach trials over the last 4 years. The difference with Boa is the yield distribution it has shown, with higher top end yield than Matador above 5.0 t/ha being a standout. In particular Boa showed top end yield in the higher production 2022 season in LongReach trials and has delivered a higher yield than its Scepter and Cobra parents in the Irrigation Farmer Network trials at Kerang Vic. in 2023.



DISEASE

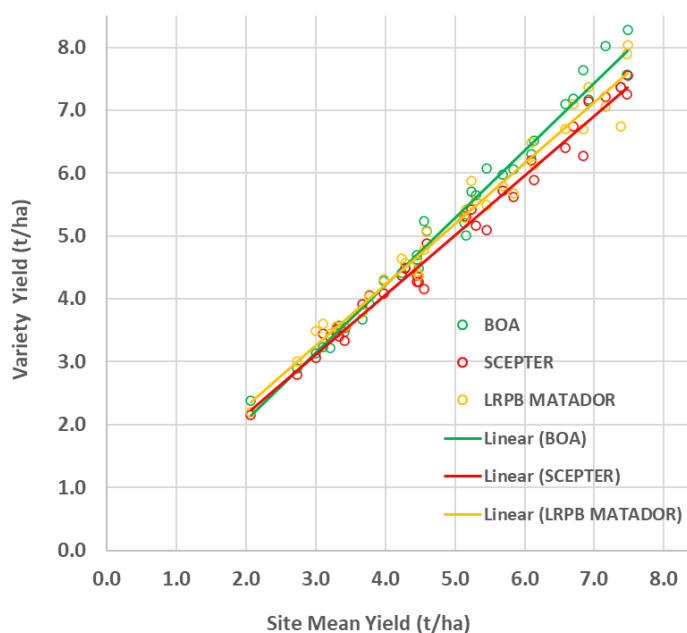
Disease screening has shown useful Stripe Rust (MRMSp), good Leaf Rust (MRp) and acceptable Stem Rust (MSp) resistance. Boa also has useful CCN resistance (MRMSp), is sound for Yellow Spot (MSp), but is susceptible to both Powdery Mildew (Sp) and Septoria (Sp). Boa also has both Acid (MT-T) and Boron (MT) tolerance traits with Boron and Aluminium tolerance genes in the background.



Boa was developed by LongReach Plant Breeders and will be available for 2025 exclusively through Baker Seed Co. Rutherglen Victoria. For more information visit the LongReach or Baker Seed Co. Websites.



LongReach S5 MET analysis (2020-23)
(36 SA/Vic trials)



AGRONOMY

Boa is a Quick-Mid maturity wheat that has an AH quality classification in South Australia, Victoria and Southern New South Wales. The targeted growing regions are the higher production main season areas and irrigated wheat production areas in these regions.

Boa is best explained by discussing the breeding as it was selected from a Scepter x Cobra cross. Agronomically Boa has a shorter canopy with an erect growth habit and good lodging tolerance to handle high input systems. Cobra in particular was a landmark irrigated wheat – and Boa has similar canopy traits to Cobra. The Scepter side of the cross has added improved sprouting tolerance over Cobra.