Sunmax$^{(b)}$

- Very slow maturity, best suited to mid April plantings
- APH quality classification
- Good stem and stripe rust resistance
- Sound test weights
- Suited to northern NSW and southern QLD

Breeder's comments

With an APH quality classification and a very slow maturity, Sunmax$^{\Phi}$ has been one of the best planting options when there is an early break in the season for a long time now. Choosing to grow Sunmax$^{\Phi}$ will help utilise early soil moisture, avoid frost damage later in the season, and lift overall farm yields and profit in northern NSW and southern QLD.

Sunmax$^{\Phi}$ is a long season spring wheat, slower in maturity than Sunbri and Sunzell but slightly quicker than Sunbrook. When planted in mid to late April it has produced highly competitive yields relative to similar maturing varieties in northern NSW and southern QLD NVT and AGT trials.

It has an excellent level of stripe rust resistance based on major genes and multiple minor APR genes. It also has useful levels of tolerance and resistance to other major diseases including crown rot and root lesion nematodes (P. thornei).

Being a long season variety, it is critical that Sunmax$^{\Phi}$ is planted in the mid to late April planting window to minimise screening risk assosicated with terminal drought stress.

Sunmax

Table 1. Specifications

Background

Tested as	SUN714B
Released	2016
EPR rate	$3.50/tonne + GST

Performance

Grain yield	Please consult the NVT website for current data: https://nvt.grdc.com.au/

Disease

Stem Rust resistance*	MRMS
Stripe Rust resistance*	RMR
Leaf Rust resistance*	MS
Yellow Leaf Spot resistance*	MS
Septoria Tritici Blotch resistance*	MSS
Pratylenchus Thornei resistance*	MS
Pratylenchus Thornei tolerance*	MI
Crown Rot resistance*	MSS

Plant Characteristics

Maturity speed^	Very slow
Maturity habit^	Spring
Sowing window^	Early
Novel herbicide tolerance^	None (conventional tolerance)
Head type^	Awned
Plant height^	Moderate
Coleoptile length^	Short
Lodging tolerance^	MTMI

Abiotic Stress

Boron tolerance^	Does not carry tolerance gene
Acid/aluminium tolerance^	Carries tolerance gene

Grain Quality

Quality classification	APH
Screenings level^	White
Retentions level^	High
Test weight^	Moderate
Sprouting tolerance^°	MII
Black Point resistance*	MRMS

Legend

R	Resistant
MR	Moderately Resistant
MS	Moderately Susceptible
S	Susceptible
VS	Very Susceptible
T	Tolerant
MT	Moderately Tolerant
MI	Moderately Intolerant
I	Intolerant
VI	Very Intolerant
(P)	Provisional rating
NA	Not Available
/	Pathotype differences
-	Range
,	Mixed phenotype
#	May be more susceptible to alternate pathotypes
*	NVT consensus ratings 2025
°	Rating based on Germination Index Values
^	AGT ratings/data interpretation. Comprehensive AGT agronomic trait ratings and data can be found at: https://bit.ly/TraitRatings

Published August 2025 Publication #25-027

Seed Availability

Please contact an AGT Affiliate or your local retailer for seed. Consult the AGT website for AGT Affiliate contact details (www.agtbreeding.com.au/affiliates). AGT varieties can be traded between growers upon the completion of a License Agreement as part of AGT's Seed Sharing™ initiative (www.agtbreeding.com.au/seedsharing)

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