

# Sunlamb<sup>®</sup>



- ✓ Late maturing spring wheat, suits early April planting
- ✓ Suitable for grazing and grain production
- ✓ Awnless
- ✓ Excellent leaf and stem rust resistance
- ✓ Very good yellow leaf spot resistance
- ✓ Excellent *Septoria tritici* blotch resistance
- ASW quality classification

## Breeders comments

Dual purpose crops offer growers an opportunity to increase the profitability of their farm by achieving returns from both grazing and grain. By sowing earlier, with longer maturity varieties, the growing season is extended, making better use of soil moisture and helping to fill the 'feed gap' that is often experienced in late autumn/early winter.

Sunlamb (SUN521C) is an awnless, long season spring wheat, differing from most other dual purpose varieties currently used like Wedgetail, Naparoo and Marombi, which are winter wheats (cold/vernalisation responsive). Sunlamb's slow maturity is achieved through a unique combination of photoperiod sensitivity and cold responsiveness. When sown in its optimum planting window (early to mid-April), Sunlamb has generally flowered at much the same time as Wedgetail, and a few days earlier than Naparoo.

The slow maturity of Sunlamb suits dual purpose grazing and grain production systems throughout Victoria and SA. Sunlamb produces similar total dry matter to Naparoo, whilst achieving similar grain recovery after grazing to Wedgetail. When grazing any wheat variety, care needs to be taken to ensure that stock are withdrawn from the crop before GS31 (first node) so that the developing heads are not damaged.

## Seed Availability

Commercial quantities of Sunlamb may be available through AGT Affiliates, or your local retailer. Please consult the AGT website for AGT Affiliate contact details.

Sunlamb is able to be traded between growers upon the completion of a License Agreement as part of AGTs Seed Sharing™ initiative.

## PBR and EPR

Sunlamb is protected by Plant Breeders Rights (PBR) and all production (except seed saved for planting) is liable to an End Point Royalty (EPR), which funds future plant breeding. Sunlamb growers will be subject to a Growers License Agreement that acknowledges that an EPR of \$2.75/tonne + GST has to be paid on all production other than seed saved for planting.



## Predicted yield of Sunlamb versus control varieties: Long season NVT series

Grain yield as % of region average (NVT long term MET analysis 2012-2016)

	South West Victoria
Sunlamb	86
EGA Wedgetail	98
Kittyhawk	105
Naparoo	77
RGT Accroc	117
SQP Revenue	117
<i>Trial mean (t/ha)</i>	5.52

## Predicted yield of Sunlamb versus control varieties: Early sown NVT series

Grain yield as % of region average (NVT long term MET analysis 2012-2016)

	North East Victoria	South West Victoria	South East South Australia
Sunlamb	98	97	98
EGA Wedgetail	100	99	95
Naparoo	92	89	86
RGT Accroc	119	119	107
SQP Revenue	106	106	105
<i>Trial mean (t/ha)</i>	5.69	4.99	5.69

## Disease, agronomic and grain quality ratings for Sunlamb and control varieties

	Sunlamb	EGA Wedgetail	Naparoo	SQP Revenue	RGT Accroc
Stem Rust	R	MRMS	RMR	RMR	R & S
Stripe Rust	S	MS	R	R	R
Leaf Rust	MRMS	MS	S	VS	S
Yellow Leaf Spot	MRMS	MSS	MS	MS	MRMS
Septoria Tritici Blotch	MRMS	MSS	MS	S	MR & S
Crown Rot	S	S	S	S	SVS
Acid Soil Tolerance	MI	TMT	-	-	-
Maturity	Late	Late	Very Late	Very Late	Very Late
Plant Height	Medium	Medium	Medium	Medium	Medium
Lodging Resistance	MRMS	MR	MR	-	RMR
Southern Quality Classification	ASW	APW	FEED	FEED	FEED
Black Point Resistance	MR	MS	-	MS	-
Screenings Risk	Moderate	Moderate	-	-	-
Test Weight	High	Moderate	High	-	-

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

Source: 2017 Victorian Winter Crop Summary, NVT and AGT data.

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