

**AGF**  seeds



# WHEAT GUIDE 2025

**Welcome.** AGF Seeds prides itself in bringing the best of international and domestic wheat genetics to the Australian market. We help growers push their yields higher, find the right disease package for the job, and ensure they have the information required to succeed from planting to harvest.

We invest heavily in research with hundreds of wheat trial plots at our trial site in Smeaton, and we work with independent 3rd parties like FAR Australia, SFS, and NVT to ensure our products are backed with the technical data you require to make informed decisions.

This guide will provide details on the varieties we have available for 2025, for further information reach out to your local sales representative.



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**Image:** AGF Seeds 2024 Wheat Trial, photo taken at our annual field day in October



# Stockade

## High Yielding APW Milling Wheat



<b>MATURITY SPEED</b>  VERY QUICK <span style="float: right;">VERY SLOW</span>	SEPTORIA TRITICI BLOTCH	STEM RUST	STRIPE RUST	LEAF RUST	SPRING WHEAT	<a href="#">CLICK FOR TECH SHEET</a>
	MS	MS	MR	MR		

Since being released in 2021 Stockade has carved itself a unique place in rotations of medium and high rainfall zone growers. With its APW classification, Stockade, has allowed growers to access higher grain prices while still maintaining high yield potential similar to long season red wheats. With a slower maturity, similar to RGT Accroc and BigRed, a strong physical grain package, and good stripe rust resistance, Stockade provides growers the option to diversify their wheat program and increase profitability

With a number of years of data the NVT program shows that Stockade is competitive for yield against commercial red feed wheats in the 5 to 7 t/ha yield environments, and with the APW classification has the potential to be most profitable (see FAR Australia Margin Analysis on the following page)

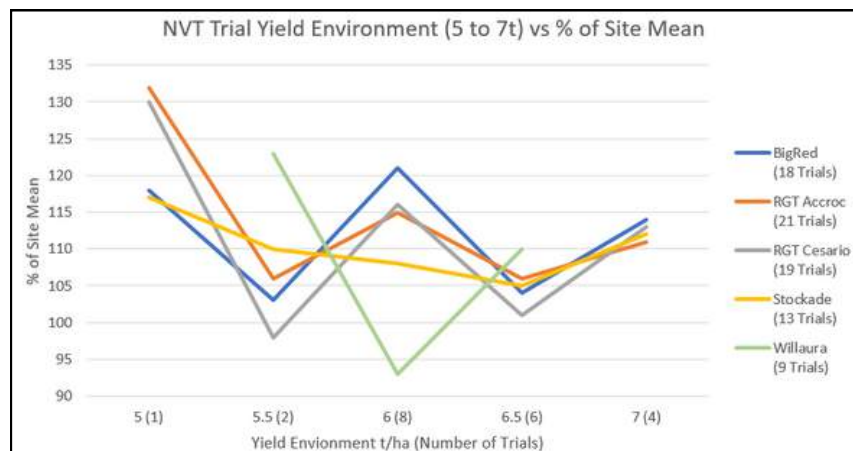


Chart 1: NVT Yield Data in 5t to 7t environments. Source: NVT Yield Reporter

Table 1: AGF Seeds 2023 Main Season Wheat Trial Full Fungicide (Sown 4th of May 2023)

Variety	Yield (%SMY)	Septoria Scoring (0 -100)	Stripe Rust Scoring (0 -100)	Powdery Mildew Scoring (0 -100)	Height (cm)	Lodging (0 nil - 5 high)	Grain Loss (0 nil - 5 high)
Stockade	106	20	5	10	77	0	0.25
BigRed	107	5	5	0	83	0.75	1
Rockstar	101	30	50	5	80	2.5	1.5
LRPB Major	113	20	10	5	75	1.5	1
RGT Accroc	99	30	30	0	84	0.25	2
Willaura	80	40	30	15	81	1.5	0.75

Table 2: AGF Seeds 2023 Long Season Wheat Trial Full Fungicide (Sown 18th of April 2023)

Variety	Yield (%SMY)	Septoria Scoring (0 -100)	Stripe Rust Scoring (0 -100)	Powdery Mildew Scoring (0 -100)	Height (cm)	Lodging (0 nil - 5 high)	Grain Loss (0 nil - 5 high)
Stockade	102	30	0	10	85	2	0.5
BigRed	103	5	0	0	88	2.75	1.25
RGT Accroc	100	30	10	0	85	0.75	2.25
Bennett	82	60	30	0	96	3.75	1.75

# SECURE YOUR BOTTOM LINE WITH STOCKADE

When selecting which wheat should be in our rotation we need to look beyond just yield and disease ratings to find what is right for our farms profitability. Growers need to consider the benefits of the variety's classification, cost of inputs, the labour/equipment hours, and weigh the risk of missing any crucial applications due to weather.

In 2023 FAR Australia released excellent margin analysis that aims to give growers a better understanding of how selecting the right variety can impact their bottom line. Below we have highlighted some of the findings, the full reports can be found in the [Hyper Yielding Crops 2023 Annual Report](#) prepared by FAR Australia, starting on page 197.

FAR Australia designed 4 different management programs which were implemented at their Victorian site. The exact crop inputs applied to the different varieties and crop management regimes can be found in the report, to simplify here they can be listed as:

- High Input – 4 units of fungicide
- Low Input – 2 units of fungicide
- HYC Strategic Input – This management strategy was set out at the start of the season based on crop inputs that had been associated with higher yields in previous HYC research for that variety.
- HYC Tactical Input – This was in essence the HYC strategic approach but modified to take account of particular variety agronomic traits such as disease resistance, grain quality or straw strength

They then compiled the costs of each strategy and used the costs, yield, and grain price to determine a \$ per hectare margin. When analysing by margin Stockade performed strongly across all programs, with the low input management program providing its highest margin (\$1,790.04 \$/ha). The only margin greater than this was BigRed with a tactical management (\$1,729.80), Stockade surpassed BigRed in all other management programs.

Fungicide strategy	Fung & PGR costs + Application costs (\$/ha)	Fertiliser costs + Application costs (\$/ha)	Total (N, F, PGR) costs & application (\$/ha)	Yield (t/ha)	Bin Grade	Grain Price (\$/t)	Gross Income (\$/ha)	Margin (\$/ha)
<b>Stockade</b>								
Low Input	\$34.41	\$215.65	\$270.06	6.3	AGP1	\$327.00	\$2,060.10	\$1,790.04
High Input	\$108.75	\$323.48	\$462.23	6.09	AGP1	\$327.00	\$1,991.43	\$1,529.20
Strategic	\$61.04	\$215.65	\$306.69	6.12	AGP1	\$327.00	\$2,001.24	\$1,694.55
Tactical	\$51.95	\$215.65	\$297.60	6.2	AGP1	\$327.00	\$2,027.40	\$1,729.80
<b>BigRed</b>								
Low Input	\$54.41	\$215.65	\$270.06	6.13	FEED	\$307.00	\$1,881.91	\$1,611.85
High Input	\$138.75	\$323.48	\$462.23	6.43	FEED	\$307.00	\$1,974.01	\$1,511.78
Strategic	\$91.04	\$215.65	\$306.69	6.48	FEED	\$307.00	\$1,989.36	\$1,682.67
Tactical	\$81.95	\$215.65	\$297.60	6.82	FEED	\$307.00	\$2,093.74	\$1,796.14
<b>RGT Cesario</b>								
Low Input	\$54.41	\$215.65	\$270.06	5.9	FEED	\$307.00	\$1,811.30	\$1,541.24
High Input	\$138.75	\$323.48	\$462.23	6.63	FEED	\$307.00	\$2,035.41	\$1,573.18
Strategic	\$91.04	\$215.65	\$306.69	6.22	FEED	\$307.00	\$1,909.54	\$1,602.85
Tactical	\$81.95	\$215.65	\$297.60	5.99	FEED	\$307.00	\$1,838.93	\$1,541.33

Table 1: Time of Sowing 1 Influence of management strategy and variety on system profitability. FAR Australia Hyper Yielding Crops 2023 Annual Report

In the second time of sowing of this trial (22nd of May) Stockade was trialled against two other APW varieties, Scepter and Willaura. The tactical management of Stockade topped the margin analysis at \$1,657.85 dollars per hectare, and when averaged across all the management techniques Stockade was the clear leader in margin.

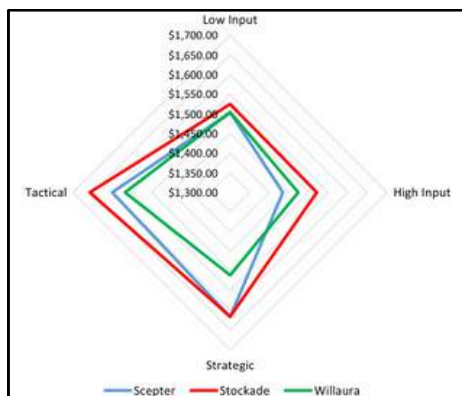


Figure 1: Partial gross margin analysis across 4 fungicide strategies and 3 cultivars

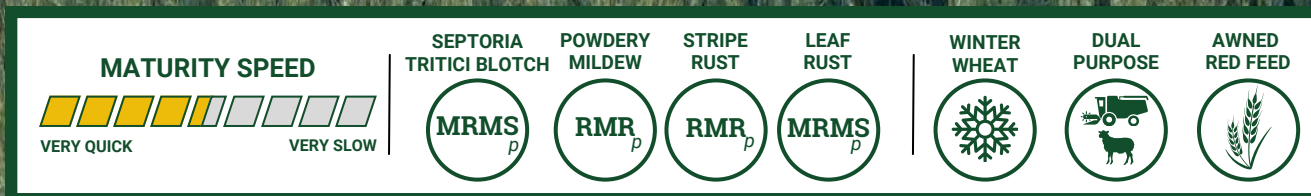
Fungicide strategy	Fung & PGR costs + Application costs (\$/ha)	Fertiliser costs + Application costs (\$/ha)	Total (N, F, PGR) costs & application (\$/ha)	Yield (t/ha)	Bin Grade	Grain Price (\$/t)	Gross Income (\$/ha)	Margin (\$/ha)
<b>Stockade</b>								
Low Input	\$54.41	\$215.66	\$270.07	5.49	AGP1	\$327.00	\$1,794.58	\$1,524.51
High Input	\$138.75	\$323.48	\$462.23	6.07	AGP1	\$327.00	\$1,983.26	\$1,521.02
Strategic	\$91.04	\$215.66	\$306.70	5.88	AGP1	\$327.00	\$1,922.76	\$1,616.06
Tactical	\$81.95	\$215.66	\$297.61	5.98	AGP1	\$327.00	\$1,955.46	\$1,657.85
<b>Scepter</b>								
Low Input	\$54.41	\$215.66	\$270.07	5.42	AGP1	\$327.00	\$1,773.32	\$1,503.25
High Input	\$138.75	\$323.48	\$462.23	5.8	AGP1	\$327.00	\$1,896.60	\$1,434.37
Strategic	\$98.49	\$215.66	\$314.15	5.91	AGP1	\$327.00	\$1,930.94	\$1,616.79
Tactical	\$89.39	\$215.66	\$305.05	5.83	AGP1	\$327.00	\$1,905.76	\$1,600.70
<b>Willaura</b>								
Low Input	\$54.41	\$215.66	\$270.07	5.43	AGP1	\$327.00	\$1,773.98	\$1,503.91
High Input	\$138.75	\$323.48	\$462.23	5.92	AGP1	\$327.00	\$1,935.84	\$1,473.61
Strategic	\$91.04	\$215.66	\$306.70	5.56	AGP1	\$327.00	\$1,817.47	\$1,510.76
Tactical	\$81.95	\$215.66	\$297.61	5.71	AGP1	\$327.00	\$1,865.54	\$1,567.93

Table 1: Time of Sowing 2 Influence of management strategy and variety on system profitability. FAR Australia Hyper Yielding Crops 2023 Annual Report

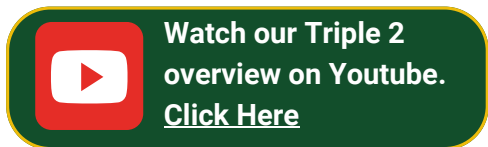
For yield Stockade has proven its potential to match long season red feed wheats, and it's APW classification and strong disease package combine to create a variety with high earning potential. Being an APW white wheat, Stockade, also allows growers to diversify their program and grow it alongside red wheats such as BigRed and Longford to reduce their reliance on a single grain market.

# Triple 2

## The next big thing



Triple 2 (tested as AGFWH010222) is an awned, high yield potential, red-grained feed winter wheat, with a mid-maturity that is slightly slower than LRPB Beaufort.



### DISEASE PACKAGE

Triple 2 has been rigorously monitored both in AGF Seeds and Independent Trials such as FAR and NVT and has shown a strong disease resistance package. Of note is the resistance Triple 2 has shown to Septoria and Stripe Rust.

Variety	Stripe Rust (2024 East Coast) Resistance	Leaf Rust Resistance	Septoria Tritici Blotch Resistance	Powdery Mildew Resistance
Triple 2	RMRp	MRMSp	MRMSp	RMRp
LRPB Beaufort	RMR	MSS	S	RMR
LRPB Trojan	S	MR#	S	S
RockStar	S	S	S	SVS
Willaura	S	MRMS	S	SVS

Table 1: NVT Disease ratings (p = provisional, # May be more susceptible to alternate pathotypes)

### YIELD POTENTIAL

Tested in a range of yield environments Triple 2 has consistently shown its potential to out yield its competitors. Triple 2 maintains competitive yields in lower yield environments and when conditions allow has incredible high yield potential with 10t/h+ yields recorded in internal and independent trials.

Variety	FAR Gen Wallendbeen 2023, NSW		FAR GEN Gnarwarre 2023, Vic		FAR GEN Millicent 2023, SA		AGF Main Season Wheat Trial Smeaton 2023 Sown: 4/05/2023			AGF Long Season Wheat Trial Smeaton 2023 Sown: 18/04/2023		
	Nil Fungicide	Full Fungicide	Nil Fungicide	Full Fungicide	Nil Fungicide	Full Fungicide	Nil Fungicide	1 Fungicide	2 Fungicide	Nil Fungicide	1 Fungicide	2 Fungicide
Triple 2	9.48	9.85	6.26	6.72	9.49	10.59	8.26	9.8	9.82	10.72	11.20	10.61
Willaura	5.77	7.94	3.04	5.32	5.45	8.00	4.14	6.29	6.32			
Anapura	7.55	7.77	5.55	6.17	6.71	7.75				9.44	9.40	9.53
RGT Accroc	6.47	7.01	4.21	5.91	5.74	9.06	5.17	7.36	7.83	5.22	8.61	8.95
Site Mean (t/ha)	7.06	7.88	4.88	6.11	6.66	8.08	5.96	7.58	7.88	7.72	8.79	8.93

Table 2: Yields (t/ha) from FAR Germplasm Evaluation Network (GEN) in NSW, Vic, & SA, and AGF Seeds Main Season Wheat Trial Smeaton, Vic

### MATURITY & REGIONALITY

Triple 2 is a mid maturity winter wheat and has a wider sowing window than later maturity winter wheats such as BigRed and RGT Accroc. With a maturity slightly slower (+4 to 8 days) than LRPB Beaufort, Triple 2 has greater adaptability in high and medium rainfall zones.

In high rainfall zones, Triple 2 can be sown in cropping programs as a complimentary variety to later maturity winter wheats (BigRed, RGT Accroc, Longford). In medium rainfall zones, Triple 2 provides an earlier sowing option than main season spring wheats.

# Longford<sup>®</sup>

## for Big Yields where Disease Resistance matters!



**MATURITY SPEED**

VERY QUICK VERY SLOW

SEPTORIA RESISTANCE

MRMS /S

STEM RUST

RMR

STRIPE RUST

RMR

LEAF RUST

RMR

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Longford is a long season high yield potential red wheat with a strong disease package and lodging tolerance and is suited to dual purpose grain or graze systems, or in grain only programs. Longford has shown incredible yield potential in internal and independent trials, and topped many of 2022's yield results in the National Variety Trials. With great standability, great resistance, and great yields Longford should be on the radar for any long season grower.

**Table 1:** AGF Seeds Long Season Wheat Disease Assessment 2024. Assessed in Smeaton on 18-10-24. 0 = Good, 100 = Bad

Variety	2 Fungicides Infection Scoring (0-100)			1 Fungicide Infection Scoring (0-100)			Nil Fungicide Infection Scoring (0-100)		
	Septoria Tritici Blotch	Stripe Rust	Powdery Mildew	Septoria Tritici Blotch	Stripe Rust	Powdery Mildew	Septoria Tritici Blotch	Stripe Rust	Powdery Mildew
Longford	2.5	0	0	2.5	0	0	5	0	0
Manning	5	0	0	25	5	0	20	30	0
RGT Waugh	5	0	0	5	0	0	10	2.5	0
BigRed	5	0	0	10	5	0	20	20	0

**Table 2:** Heading Date - Long Season Wheat Trial Smeaton, Vic 2022, 2023, 2024 (Source AGF Seeds)

Variety	Days to Head Emergence		
	2022	2023	2024
Longford	191	173	184
BigRed	188	170	178
Manning	196	177	188
RGT Waugh		178	188

**Table 3:** Lodging Index 2023 FAR Australia HYC Elite Screening Gnarwarre, Vic @GS99 (Source FAR Australia)

Lodging Index Assessment @GS99 0 - 500	
Variety	Lodging
Longford	21.3
BigRed	131.3
RGT Accroc	175.0

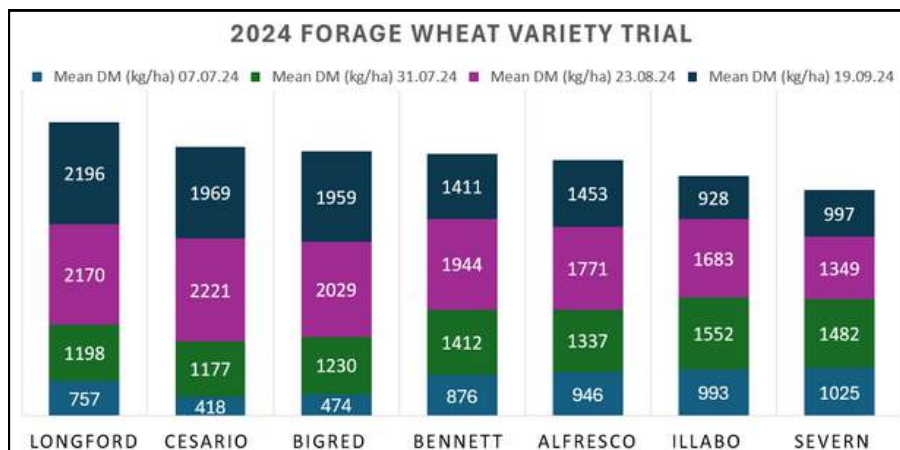
**Table 4:** AGF Seeds 2023 Long Season Wheat Trial. Scoring (0 = Good, 100 = Bad)

Variety	Yield (%SMY)	Septoria Scoring (0-100)	Stripe Rust Scoring (0-100)	Powdery Mildew Scoring (0-100)	Height (cm)	Lodging (0 nil - 5 high)	Grain Loss (0 nil - 5 high)
Longford	107	5	0	0	89	0.5	0.25
BigRed	103	5	0	0	88	2.75	1.25
RGT Waugh	102	25	0	0	89	0.25	0.25
Manning	103	15	5	0	88	3.75	2.25

### Grazing Winter Wheats

Winter wheats are dual purpose varieties offering a grazing option as well as grain yield. Longford shines as a grazing option as seen in our 2024 Forage Wheat Trials. Longford topped all the wheats trialled for dry matter across 4 cuts and can provide growers with excellent winter feed before being locked up for grain.

**Chart 1(right):** AGF Seeds 2024 Forage Wheat Variety Trials. Mean dry matter (kg/ha)



# BigRed <sup>(D)</sup> for Big Yields

A robust very high yield potential red feed grain Winter wheat. Suited for longer growing season environments



<b>MATURITY SPEED</b>  VERY QUICK <span style="float: right;">VERY SLOW</span>	SEPTORIA TRITICI BLOTCH	STEM RUST	STRIPE RUST	LEAF RUST	<a href="#">CLICK FOR TECH SHEET</a>
	MR	S	RMR	MRMS	

An awned, red-grained feed winter wheat that has shown great durability. Mid-slow maturing variety for medium to high-rainfall zones and irrigation. Suitable for dual-purpose applications when early sowing is possible. 2022 saw the release of BigRed. At that stage it had stood out with good agronomic characteristics and had almost hit 11t/ha in hyper yielding trials. Since the release we have had many positive reports and can say that BigRed has succeeded in the field.



Above: Longford (left) and BigRed (Right) growing in Don, Tasmania

Below Table 1: AGF Seeds 2023 Main Season Wheat Trial Full Fungicide (Sown 4th of May 2023). Scoring 0 = Good, 100 = Bad

Variety	Yield (%SMY)	Septoria Scoring (0 -100)	Stripe Rust Scoring (0 -100)	Powdery Mildew Scoring (0 -100)	Height (cm)	Lodging (0 nil - 5 high)	Grain Loss (0 nil - 5 high)
BigRed	107	5	5	0	83	0.75	1
Rockstar	101	30	50	5	80	2.5	1.5
RGT Accroc	99	30	30	0	84	0.25	2
Beufort	78	20	10	5	80	0	1.5
RGT Cesario	99	30	45	0	81	0.25	1.75

## Brighton Quick-Mid Maturity Winter Wheat



[CLICK FOR TECH SHEET](#)

A higher yielding alternative to Illabo this dual-purpose winter wheat is suitable for grazing and grain production. Improved yellow leaf spot resistance over Illabo and EGA Wedgetail. Has shown higher yield and improved test weight when compared to Illabo and EGA Wedgetail.

<b>MATURITY SPEED</b>  VERY QUICK <span style="float: right;">VERY SLOW</span>	SEPTORIA TRITICI BLOTCH	STEM RUST	STRIPE RUST	LEAF RUST	WINTER WHEAT	DUAL PURPOSE	AH QUALITY
	MSS	MR MS	MR MS	MR#			

# = may be more susceptible to alternative pathotypes

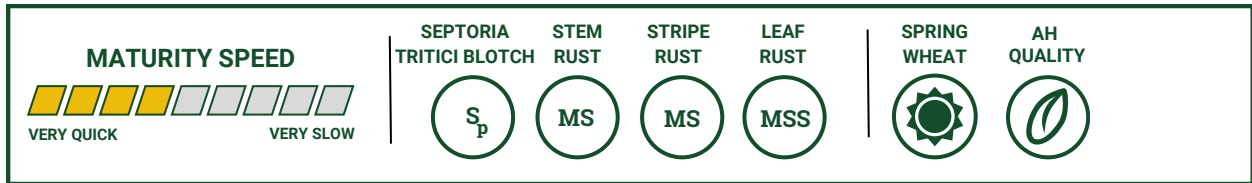
# Matador

Mid Maturity Spring Wheat



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AH wheat that has consistently outperformed Vixen and Scepter Improved shorter canopy compared to Scepter with better lodging tolerance. Improved Powdery Mildew (MS) and Stripe rust resistance (MS) over Scepter adding some minor genes for both diseases.



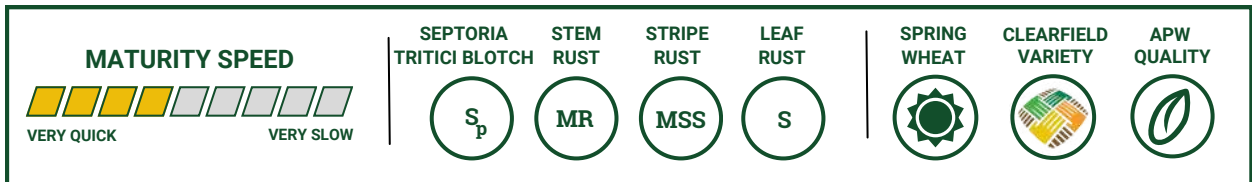
# Tomahawk CL Plus

Mid Maturity Spring Wheat



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Tomahawk CL Plus is closely related to popular variety Scepter, and offers all the benefits of Scepter along with Clearfield tolerance. Tomahawk has bridged the yield gap between conventional and Clearfield wheat varieties. Not only does Tomahawk offer higher yields, it has similar disease resistance, physical grain quality, adaption and maturity as Scepter.



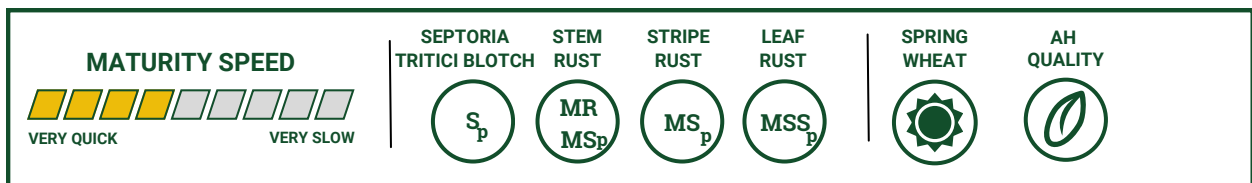
# Shotgun

Mid Maturity Spring Wheat



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Shotgun is derived from Scepter and is agronomically very similar. Growers who have experience with Scepter can view Shotgun as a Scepter replacement, with the same maturity and plant type, but offering much higher yield.



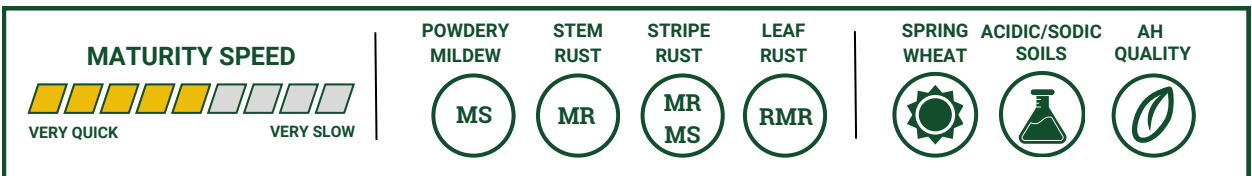
# Optimus

Mid Maturity Spring Wheat



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A mid spring maturity with similar plant type and yield build to its Lancer parent. Consistent high and stable trial performance across a range of sowing times in NSW and QLD. Strong grain receivals package similar to Lancer. Demonstrated high yields in both acid and sodic soil screening trials across the last two years. LRPB Optimus has received AH classification for NSW and QLD with a submission for upgrade planned in 2025





# RGT Ponsford

## Mid Maturity Spring Wheat



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RGT Ponsford is a new spring wheat from the unique RAGT wheat breeding program. Ideally suited to the southern zone throughout SA, Victoria, and southern NSW for main season wheats, RGT Ponsford is a new main season wheat alternative for growers looking to upgrade from Scepter, Calibre and Rockstar.

<b>MATURITY SPEED</b>  VERY QUICK <span style="float: right;">VERY SLOW</span>	SEPTORIA TRITICI BLOTCH	STEM RUST	STRIPE RUST	LEAF RUST	SPRING WHEAT	AH (PENDING)

# = may be more susceptible to alternative pathotypes

# Major

## Mid-Slow Maturity Spring Wheat



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Major has an excellent disease package for SNSW/Vic production systems, combined with a compact canopy to aid in stubble management. Strong performance in yield trials on both acid and sodic soils that have helped it consistently out yield Beckom.

<b>MATURITY SPEED</b>  VERY QUICK <span style="float: right;">VERY SLOW</span>	SEPTORIA TRITICI BLOTCH	STEM RUST	STRIPE RUST	LEAF RUST	SPRING WHEAT	ACIDIC/SODIC SOILS	APW QUALITY

# = may be more susceptible to alternative pathotypes

# Genie

## Mid-Slow Maturity Spring Wheat



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Genie is an exceptionally high yielding, mid-slow AH\* wheat and is an excellent alternative to RockStar in >3t/ha yield environments where it offers medium-high rainfall growers 1-2% yield improvement compared to Rockstar. Genie, with its slightly later maturity than Rockstar and long coleoptile, enables earlier sowing opportunities to be maximised.

<b>MATURITY SPEED</b>  VERY QUICK <span style="float: right;">VERY SLOW</span>	SEPTORIA TRITICI BLOTCH	STEM RUST	STRIPE RUST	LEAF RUST	SPRING WHEAT	AH QUALITY	LONG COLEOPTILE

# Avoca

## Slow Maturity Spring Wheat



[CLICK FOR TECH SHEET](#)

Avoca has been released in recognition of the growing need for slower maturing milling wheat varieties suited to higher rainfall environments, offering growers in Victoria's western district and north-east, and SA's lower south east more marketing flexibility at harvest, combined with highly competitive yields and a good disease resistance package

<b>MATURITY SPEED</b>  VERY QUICK <span style="float: right;">VERY SLOW</span>	SEPTORIA TRITICI BLOTCH	STEM RUST	STRIPE RUST	LEAF RUST	SPRING WHEAT	AH QUALITY

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