

AGF  seeds



**WHEAT**

**2024**

## SMEATON WHEAT TRIALS 2023

One of the core values of AGF Seeds is trust. We believe that we need to build trust between ourselves, and our growers and stockists. Whether it's planting a seed in the ground or associating our name with a product, trust is paramount. To foster this trust, AGF Seeds makes substantial investments in rigorous, independent trials. Additionally, we actively participate in third-party trials conducted by organizations like the National Variety Trials (NVT), Field Applied Research (FAR), and the Pasture Trial Network (PTN).

Our goal is to evaluate pre-commercial and new commercial genetics and compare them against benchmark varieties to ensure that we have confidence in the varieties we offer will perform in the field.

Our wheat trials are broken into three categories long season, main season, and quick season wheats. Each trial comprises a 4 rep randomised block design with full input along with a 1 fungicide rep, and nil fungicide rep to assess genetic disease resistance levels in all varieties.

### Agronomic characteristics of wheat varieties for South East Australia

Variety	Type	Observed Maturity	Maximum Quality Southern Zone	Rainfall			Head Type		Height	Lodging
				Low	Med	High /Irrigated	Awned	Colour		
BigRed	Winter	Mid-Slow	Feed				A	Red	M	MRMS
Longford	Winter	Slow	Feed				A	Red	M	R
Stockade	Spring	Very Slow	APW				A	White	M	R
Anvil CL Plus	Spring	Quick	AH				A	White	MT	MRMS
Matador	Spring	Mid	AH				A	White	M	MR
Genie	Spring	Mid	-				A	White	M	MRMS
Tomahawk CL Plus	Spring	Mid	APW				A	White	M	MR
Major	Spring	Mid-Slow	-				A	White	M	MRMS
RGT Waugh	Winter	Slow	Feed				A	White	M	R
RGT Cesario	Winter	Mid-Slow	Feed				AL	Red	M	MR

Maturity, height, lodging ratings are based on observations at the Smeaton trial site and are not NVT official ratings. Observations may vary at different trials. Head type: A = awned, AL = awnless



# QUICK SEASON TRIALS

The quick season wheat trial was established to assess performance (disease resistance, standability, grain retention and yield) of Spring wheat cultivars sown in mid-May in Smeaton, VIC. Matador was significantly higher yielding across all fungicide treatments versus other varieties.

<b>Sowing Date</b>	18/05/2023
<b>Seeding Rate</b>	Calculated per variety to target plant population of 200 plants/m <sup>2</sup>
<b>Seed Treatment</b>	Gaucho @1.2L/t + Rancona Dimension @ 0.8L/t

Both Reilly and Kingston performed well, with Reilly recording less yield loss with reduced fungicide input. Compared to Rockstar, Genie recorded a 4% and 20% yield increase in the 2 fungicide and nil fungicide inputs respectively

## Chemical Inputs

Type	Product	Rate	Date Applied
<b>Pre-emergent Herbicide (IBS)</b>	Trifluralin 480 @ 2L/ha, Triallate Gold 500 @ 1.6L/ha, AMS @800g/100L, Spreadwet 1000 @ 200ml/100L		19/05/2023
<b>Herbicide</b>	LVE MCPA 570	700ml/ha	16/08/2023
<b>Herbicide</b>	Lontrel 750 SG	50g/ha	16/08/2023
<b>Fungicide</b>	Aviator XPro (@GS30-31)	500ml/ha	16/08/2023
<b>Herbicide</b>	Clodinafop 240EC + Hasten Adjuvant	165ml/ha	12/09/2023
<b>Fungicide</b>	Radial (@GS39 - 45 Fungicide)	840ml/ha	23/09/2023

## Fertiliser Inputs

Product	Analysis	Rate (kg/ha)	Date Applied
<b>MAP</b>	10% N, 21.9% P, 1.5% S, 1.6% Ca	110	18/04/2023
<b>Urea/SOA Blend</b>	(75kg/ha Urea - 46% N, 75kg/ha SOA - 20.2% N, 24% S)	150	2/07/2023
<b>Urea</b>	46% N	120	22/08/2023
<b>Urea</b>	46% N	120	19/09/2023

Table 1. Quick Season Wheat Variety Trial Disease Infection Scoring (0-100) Across Fungicide Treatments. 0 = Good, 100 = Bad

Variety	2 Fungicides Infection Scoring (0-100)			1 Fungicides 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
Genie	30	20	0	30	20	5	30	35	5
Kingston	40	40	0	-*	50	0	-*	60	0
LPB19-8035	30	30	0	20	30	0	20	30	0
LPB19-8213	40	40	0	40	30	0	-*	60	0
Matador	30	20	0	25	20	0	25	25	0
Reilly	20	20	0	20	25	0	30	40	0
Rockstar	40	30	0	40	40	5	-*	60	0
Scepter	40	30	0	40	35	0	-*	65	0
Tomahawk CL Plus	40	30	0	40	35	0	-*	65	0

\*Severity of stripe rust infection made determining Septoria Tritici Blotch infection level too difficult

Variety	Plant Height (cm)	Lodging Score (0-5)	Grain Loss Score (0-5)
Genie	76	1.5	0.75
Kingston	71	2	1
LPB19-8035	68	0	0.25
LPB19-8213	74	1.25	0.5
Matador	71	0.5	1
Reilly	79	3	1.5
Rockstar	72	1.5	0.5
Scepter	77	0.25	1.5
Tomahawk CL Plus	73	1	0.5

Table 2. Quick Season Wheat Variety Trial Pre-Harvest Height, Lodging and Grain Loss Assessment. 0 = Good, 5 = Bad

Table 3. Quick Season Wheat Variety Trial Yield Analysis

Variety	2 Fungicides t/ha	Homogenous Groups	Mean %	1 Fungicide t/ha	Yield % v 2 Fungicides	Nil Fungicide t/ha	Yield % v 2 Fungicides	Yield % v 1 Fungicides
Matador	7.56	A	115	7.73	102	6.41	85	83
Reilly	6.88	B	105	6.99	102	4.29	62	61
Kingston	6.88	B	105	6.36	92	3.96	58	62
Genie	6.70	BC	102	6.44	96	5.20	78	81
LPB19-8035	6.65	BC	101	7.09	107	4.14	62	58
LPB19-8213	6.55	BC	100	6.93	106	4.02	61	58
Rockstar	6.44	C	98	6.47	101	4.32	67	67
Scepter	5.83	D	89	6.29	108	4.02	69	64
Tomahawk CL Plus	5.47	D	84	5.64	103	3.56	65	63
<b>Site Mean (t/ha)</b>	<b>6.55</b>			<b>6.66</b>	<b>102</b>	<b>4.44</b>	<b>67</b>	<b>66</b>
<b>CV</b>	<b>4.13</b>							
<b>P Value</b>	<b>0.0000</b>							
<b>LSD</b>	<b>0.394</b>							

# MAIN SEASON TRIALS

The main season wheat trial was established to assess performance (disease resistance, standability, grain retention and yield) of Winter and Spring wheat cultivars sown in early May in Smeaton, VIC. LRPB Major was the highest yielding commercial spring cultivar in 2 fungicide input (12% higher vs Rockstar).

<b>Sowing Date</b>	4/05/2023
<b>Seeding Rate</b>	Calculated per variety to target plant population of 200 plants/m <sup>2</sup>
<b>Seed Treatment</b>	Gaucho @1.2L/t + Rancona Dimension @ 0.8L/t

In the 1 fungicide and nil fungicide treatments LRPB Major yields declined by 8% and 30% respectively. Other white spring wheat cultivars of Rockstar and Genie recorded a 16% and 10% respectively (1 fungicide) and 52% and 41% respectively (nil fungicide) yield reduction vs 2 fungicide input. The AGFWH010222 pre-commercial red wheat cultivar was the highest yielding in 2 and 1 fungicide inputs, second highest in nil fungicide input. As in the long season trial it displayed strong genetic disease resistance and minimal yield response to reduced fungicide input.

Table 1: Main Season Wheat Variety Trial Disease Infection Scoring (0-100) Across Fungicide Treatments. 0 = Good, 100 = Bad

Variety	2 Fungicides Infection Scoring (0-100)			1 Fungicides 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
AGFWH010122	10	0	0	10	0	0	20	0	0
AGFWH010222	5	0	5	5	0	5	5	5	0
AGFWH010322	20	10	0	20	10	0	40	30	0
AGFWH010422	5	0	0	5	0	0	10	5	0
AGFWH010522	40	50	5	40	30	0	40	40	0
AGFWH010622	10	5	0	30	10	0	30	60	0
Beaufort	20	10	5	30	0	0	30	20	0
BigRed	5	5	0	5	5	0	20	10	0
Genie	30	30	5	40	30	5	30	50	5
IGW6755	50	40	5	30	50	5	30	60	0
Longford	5	0	0	5	0	0	5	0	0
LRPB Major	20	10	5	20	20	0	30	25	0
RGT Accroc	30	30	0	30	40	0	30	50	0
RGT Cesario	30	45	0	5	60	0	10	50	0
RGT Waugh	10	0	0	10	0	0	10	0	0
Rockstar	30	50	5	20	70	0	-*	70	0
Scepter	35	60	5	10	80	0	-*	70	0
Stockade	20	5	10	20	0	10	30	5	15
Tomahawk CL Plus	35	60	5	10	80	0	-*	70	0
Willaura	40	30	15	50	30	10	40	30	20

\*Severity of stripe rust infection made determining Septoria Tritici Blotch infection level too difficult

## Chemical Inputs

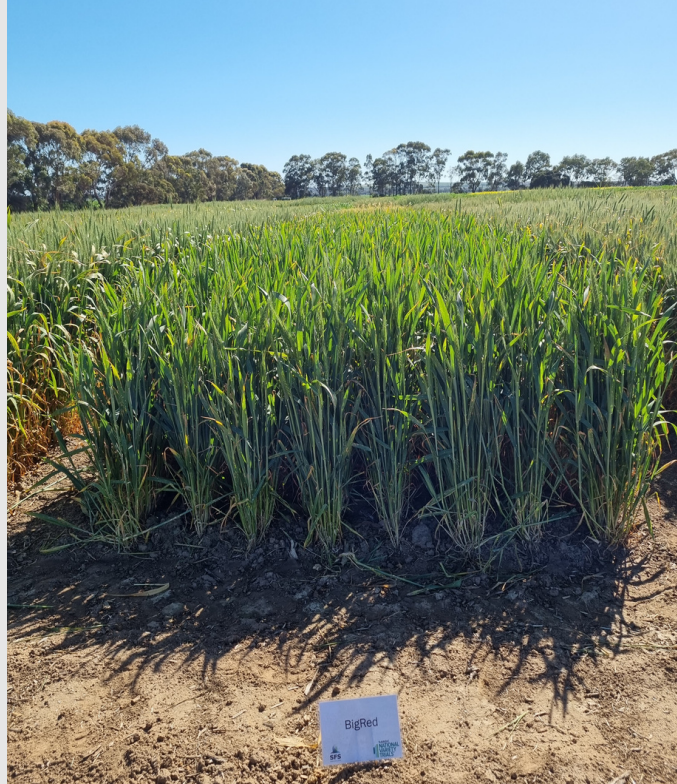
Type	Product	Rate	Date Applied
Pre-emergent Herbicide (IBS)	Trifluralin 480 @ 2L/ha, Triallate Gold 500 @ 1.6L/ha, AMS @800g/100L, Spreadwet 1000 @ 200ml/100L		17/04/2023
Herbicide	LVE MCPA 570	700ml/ha	16/08/2023
Herbicide	Lontrel 750 SG	50g/ha	16/08/2023
Fungicide	Aviator XPro (@GS30-31)	500ml/ha	16/08/2023
Herbicide	Clodinafop 240EC + Hasten Adjuvant	165ml/ha	12/09/2023
Fungicide	Radial (@GS39 - 45 Fungicide)	840ml/ha	23/09/2023

## Fertiliser Inputs

Product	Analysis	Rate (kg/ha)	Date Applied
MAP	10% N, 21.9% P, 1.5% S, 1.6% Ca	110	18/04/2023
Urea/SOA Blend	(75kg/ha Urea - 46% N, 75kg/ha SOA - 20.2% N, 24% S)	150	2/07/2023
Urea	46% N	120	22/08/2023
Urea	46% N	120	19/09/2023

Table 2. Main Season Wheat Trial Pre-Harvest Height, Lodging & Grain Loss Assessment. 0 = Good, 5 = Bad

Variety	Plant Height (cm)	Lodging Score (0-5)	Grain Loss Score (0-5)
AGFWH010122	86	0	2.00
AGFWH010222	86	0	2.25
AGFWH010322	81	0	2.00
AGFWH010422	85	0.25	2.00
AGFWH010522	85	0.75	3.50
AGFWH010622	83	0.25	2.75
Beaufort	80	0	1.50
BigRed	83	0.75	1.00
IGW6754	80	2.75	1.00
IGW6755	79	0.25	0.50
Longford	82	0	0.25
LRPB Major	75	1.5	1.00
RGT Accroc	84	0.25	2.00
RGT Cesario	81	0.25	1.75
RGT Waugh	85	0	0.00
Rockstar	80	2.5	1.50
Scepter	80	2	2.25
Stockade	77	0	0.25
Tomahawk CL P	79	2	1.75
Willaura	81	1.5	0.75



Above: BigRed being trialed in Streatham, Vic

Table 3. Main Season Wheat Trial Yield Analysis

Variety	2 Fungicides t/ha	Homogenous Groups	Mean %	1 Fungicide t/ha	Yield % v 2 Fungicides	Nil Fungicide t/ha	Yield % v 2 Fungicides	Yield % v 1 Fungicides
AGFWH010222	9.82	A	125	9.80	100	8.26	84	84
AGFWH010422	9.60	A	122	9.76	102	9.06	94	93
LRPB Major	8.90	B	113	8.14	92	6.26	70	77
AGFWH010122	8.77	BC	111	8.94	102	7.85	90	88
AGFWH010322	8.58	BC	109	8.79	102	7.17	84	82
BigRed	8.44	BCD	107	8.01	95	7.49	89	93
Stockade	8.37	CDE	106	8.39	100	7.42	89	88
RGT Waugh	8.30	CDEF	105	8.26	100	7.31	88	89
Rockstar	7.99	DEFG	101	6.74	84	3.86	48	57
AGFWH010622	7.89	EFG	100	7.49	95	6.02	76	80
Genie	7.87	FG	100	7.08	90	4.62	59	65
RGT Accroc	7.83	FG	99	7.36	94	5.17	66	70
RGT Cesario	7.80	G	99	7.29	93	5.52	71	76
Longford	7.79	G	99	7.56	97	6.60	85	87
Scepter	6.90	H	88	6.61	96	3.85	56	58
Willaura	6.32	I	80	6.29	99	4.14	66	66
Tomahawk CL Plus	6.30	I	80	5.71	91	3.03	48	53
Beaufort	6.19	I	78	5.79	94	5.20	84	90
IGW6755	6.06	I	77	6.06	100	4.37	72	72
Site Mean (t/ha)	7.88			7.58	96	5.96	75	77
CV	4.32							
P Value	0.0000							
LSD	0.53							





# LONG SEASON TRIALS

The long season wheat trial was established to assess performance (disease resistance, standability, grain retention and yield) of long season Winter and Spring wheat cultivars sown in mid-April in Smeaton, VIC. Longford was the highest yielding commercial cultivar in the 2 spray fungicide input (9.58t/ha) with no significant yield response to reduced fungicide input.

<b>Sowing Date</b>	18/04/2023
<b>Seeding Rate</b>	Calculated per variety to target plant population of 200 plants/m <sup>2</sup>
<b>Seed Treatment</b>	Gaucha @1.2L/t + Rancona Dimension @ 0.8L/t

In 2 fungicide input vs Longford, BigRed yielded 4% lower and RGT Waugh and Stockade were both 5% lower. Despite increasing Septoria pressure in Stockade with reduced fungicide input, there was no significant yield response.

In both RGT Accroc and RGT Cesario there were significant yield responses to reduced fungicide input which correlated with increasing stripe rust infection

Table 1: Long Season Wheat Variety Trial Disease Infection Scoring (0-100) Across Fungicide Treatments  
0 = Good, 5 = Bad

Variety	2 Fungicides Infection Scoring (0-100)			1 Fungicides 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
AGFWH010122	40	0	0	30	5	0	35	5	0
AGFWH010222	5	0	5	5	0	0	5	0	0
AGFWH010322	10	5	0	25	10	0	30	5	0
AGFWH010422	5	0	0	5	0	0	5	0	0
AGFWH010522	30	40	0	.*	60	0	.*	60	0
AGFWH010622	20	5	0	20	10	0	40	10	0
Anapurna	10	5	0	50	5	0	50	5	0
Beaufort	40	10	0	50	5	0	60	10	0
Bennett	60	30	0	.*	55	0	.*	60	0
BigRed	5	0	0	5	5	0	10	5	0
Longford	5	0	0	5	0	0	5	0	0
Manning	15	5	0	20	0	0	25	5	0
RGT Accroc	30	10	0	40	40	0	.*	60	0
RGT Cesario	10	50	0	.*	60	0	.*	75	0
RGT Waugh	25	0	0	15	5	0	10	5	0
Stockade	30	0	10	50	0	10	50	0	0

\*Severity of stripe rust infection made determining Septoria Tritici Blotch infection level too difficult

## Chemical Inputs

Type	Product	Rate	Date Applied
Pre-emergent Herbicide (IBS)	Gramoxone 250 @ 2L/ha, Trifluralin 480 @ 2L/ha, Triallate Gold 500 @ 1.6L/ha, AMS @800g/100L, Spreadwet 1000 @ 200ml/100L		17/04/2023
Herbicide	LVE MCPA 570	700ml/ha	16/08/2023
Herbicide	Lontrel 750 SG	50g/ha	16/08/2023
Fungicide	Aviator XPro (@GS30-31)	500ml/ha	16/08/2023
Herbicide	Clodinafop 240EC + Hasten Adjuvant	165ml/ha	12/09/2023
Fungicide	Radial (@GS39 - 45 Fungicide)	840ml/ha	23/09/2023

## Fertiliser Inputs

Product	Analysis	Rate (kg/ha)	Date Applied
MAP	10% N, 21.9% P, 1.5% S, 1.6% Ca	110	18/04/2023
Urea/SOA Blend	(75kg/ha Urea - 46% N, 75kg/ha SOA - 20.2% N, 24% S)	150	2/07/2023
Urea	46% N	120	22/08/2023
Urea	46% N	120	19/09/2023

Table 2: Long Season Wheat Trial Maturity Scoring for Ear Emergence (mean date of 50% of ear emergence across plot)

Variety	Ear Emergence Date
AGFWH010222	27-Sep
AGFWH010422	27-Sep
Beaufort	28-Sep
AGFWH010622	1-Oct
Anapurna	1-Oct
RGT Accroc	3-Oct
AGFWH010322	3-Oct
AGFWH010522	3-Oct
Bennett	5-Oct
AGFWH010122	5-Oct
BigRed	5-Oct
Stockade	6-Oct
RGT Cesario	8-Oct
Longford	8-Oct
Manning	12-Oct
RGT Waugh	13-Oct

Table 3. Long Season Wheat Trial Pre-Harvest Height, Lodging & Grain Loss Assessment. 0 = Good, 5 = Bad

Variety	Plant Height (cm)	Lodging (0-5)	Grain Loss (0-5)
AGFWH010122	93	1.75	1.25
AGFWH010222	90	1.75	2.75
AGFWH010322	82	2.5	1.50
AGFWH010422	84	1.5	2.75
AGFWH010522	83	1.5	4.00
AGFWH010622	83	1.5	2.50
Anapurna	83	1	1.50
Beaufort	88	1.5	2.00
Bennett	96	3.75	1.75
BigRed	88	2.75	1.25
Longford	89	0.5	0.25
Manning	88	3.75	2.25
RGT Accroc	85	0.75	2.25
RGT Cesario	86	1.75	2.50
RGT Waugh	89	0.25	0.25
Stockade	85	2	0.50

Table 4: Long Season Wheat Trial Yield Analysis. Note: Beaufort seed germination/establishment was ~20% down v site average

Variety	2 Fungicides t/ha	Homogenous Groups	Mean %	1 Fungicide t/ha	Yield % v 2 Fungicides	Nil Fungicide t/ha	Yield % v 2 Fungicides	Yield % v 1 Fungicides
AGFWH010422	10.90	A	122	11.18	103	9.14	84	82
AGFWH010222	10.61	A	119	11.20	106	10.72	101	96
Longford	9.58	B	107	9.76	102	9.72	101	100
Anapurna	9.53	B	107	9.40	99	9.44	99	100
AGFWH010122	9.20	BC	103	9.01	98	9.76	106	108
Manning	9.19	BC	103	8.79	96	8.49	92	97
BigRed	9.18	BC	103	8.44	92	8.61	94	102
RGT Waugh	9.11	BC	102	9.73	107	9.00	99	93
Stockade	9.10	BC	102	9.01	99	8.92	98	99
AGFWH010322	8.95	BC	100	8.41	94	8.46	95	101
RGT Accroc	8.95	BC	100	8.61	96	5.22	58	61
AGFWH010622	8.57	CD	96	8.94	104	6.27	73	70
RGT Cesario	7.95	DE	89	7.62	96	5.89	74	77
AGFWH010522	7.50	EF	84	7.13	95	3.86	51	54
Bennett	7.37	EF	82	5.94	81	4.67	63	79
Beaufort	7.12	F	80	7.54	106	5.39	76	71
<b>Site Mean (t/ha)</b>	<b>8.93</b>			<b>8.79</b>	<b>98</b>	<b>7.72</b>	<b>85</b>	<b>87</b>
<b>CV</b>	<b>5.37</b>							
<b>P Value</b>	<b>0.0000</b>							
<b>LSD</b>	<b>0.68</b>							



# Longford

## for Big Yields where Disease Resistance matters!



Very high yielding red wheat which excels in long season environments.

Longford has proven to succeed in high disease pressure situations.

**MATURITY SPEED**

VERY QUICK VERY SLOW

SCEPTORIA RESISTANCE

STEM RUST

STRIPE RUST

LEAF RUST

TECH SHEET

From the breeders who brought you BigRed we are excited to introduce Longford. Longford is a long season high yield potential red wheat with a strong disease package and lodging tolerance. Longford is suited to dual purpose (graze/grain) or grain only farming systems in situations of very high or high yield potentials.

**Table 1:** Disease assessment on 3/10/23 from 2023 Smeaton, Vic long season wheat trial. (Source AGF Seeds)

Disease Assessment Nil + 2 x Fungicide				
Variety	Septoria % Leaf Infection		Stripe Rust % Leaf Infection	
	Nil Fungicide	2 x Fungicide	Nil Fungicide	2 x Fungicide
Longford	<5%	5%	5%	0%
BigRed	10%	5%	5%	0%
RGT Waugh	10%	25%	25%	0%
Manning	25%	15%	15%	5%

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

Heading Date Assessment	
Variety	Heading Date
BigRed	5-Oct
Longford	8-Oct
Manning	12-Oct
RGT Waugh	13-Oct

**Table 3:** Lodging Index 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 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



# Stockade

## High Yielding APW Milling Wheat



<b>MATURITY SPEED</b>  VERY QUICK <span style="float: right;">VERY SLOW</span>	SCEPTORIA RESISTANCE 	STEM RUST 	STRIPE RUST 	LEAF RUST 	TECH SHEET 

LongReach Breeders took Trojan and have improved on it with strategic crossing and selection. The result, a high yielding very slow maturity Spring wheat for the long season areas of the southern market.

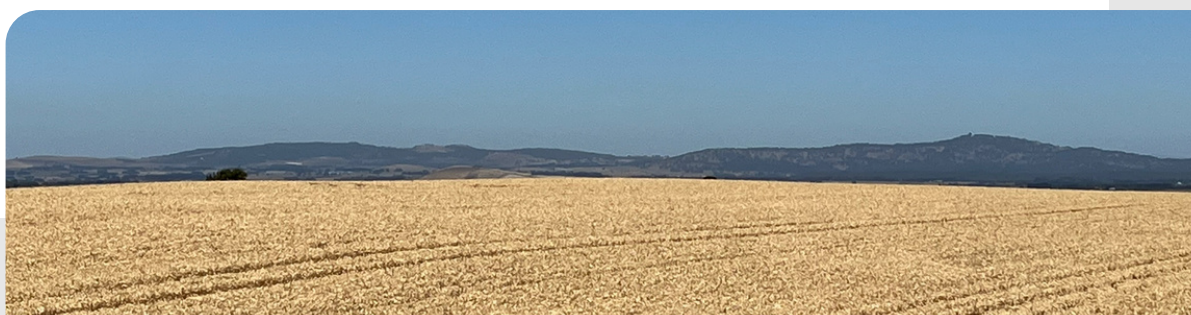
- Extremely high yield potential
- APW in Southern & Western Zones
- Improved disease tolerance
- A more suitable maturity
- White, milling grain

**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
Bennet	82	60	30	0	96	3.75	1.75



# BigRed <sup>®</sup> for Big Yields

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



<b>MATURITY SPEED</b>  VERY QUICK <span style="float: right;">VERY SLOW</span>	<b>SCEPTORIA RESISTANCE</b> 	<b>STEM RUST</b> 	<b>STRIPE RUST</b> 	<b>LEAF RUST</b> 	<b>TECH SHEET</b> 

An awned, red-grained feed Winter wheat that has show 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.

**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

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



**LONGFORD**

**BIGRED**

# Anvil CL Plus

## Quick Maturity Spring Wheat

A quick AH quality, two-gene IMI-tolerant variety with market segment leading yield. An alternative to IMI-tolerant varieties like Hammer CL Plus, Razor CL Plus and Chief CL Plus. Ideally suited to the fast finishing, low-medium rainfall areas of SA and VIC Robust grain receivals package, for dependable grain deliveries



**Tech Sheet**

# Tomahawk CL Plus

## Mid Maturity Spring Wheat

Tomahawk CL Plus (RAC3261) 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, adaptation and maturity as Scepter



**Tech Sheet**

# Matador

## Mid Maturity Spring Wheat

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



**Tech Sheet**

# Genie

## Mid Maturity Spring Wheat

GENIE is an exceptionally high yielding, mid-slow AH wheat and is an excellent alternative to RockStar in >3t/ha yield environments. In these environments the variety offers medium-high rainfall growers a 1-2% yield improvement compared to RockStar



**Tech Sheet**

# Major

## Mid-Slow Maturity Spring Wheat

High yielding Mid Slow Maturity with a flexible mid season sowing window suitable for Early to Mid May seeding opportunities across Southern NSW In Victoria LRPB Major suits sowing in the seeding window prior to Scepter, which has been used widely by growers of Trojan and Rockstar. Excellent disease package for SNSW/Vic production systems.



**Tech Sheet**

# 10222

## Mid Maturity Winter Wheat

An awned red Winter wheat currently under going pre-commercial evaluation. 10222 has been incredibly impressive for yield and durability in internal AGF trials and in the NVT where it has been a stand out performer.



A wheat to keep on your radar as we expect big things in the future.

# RGT Waugh

## Very Slow Maturity Winter Wheat

RGT Waugh has class leading yields in the medium and high rainfall zone. RGT Waugh is the new benchmark for yield in white Winter wheats. The variety has a good disease resistance profile with very good resistance to stripe rust. With short stiff straw, harvest quality is good producing large bold grain with a high thousand grain weight.



**Tech Sheet**

# RGT Cesario

## Mid-Slow Maturity Winter Wheat

RGT Cesario is an awnless, mid-winter wheat. It has a potential for high yields in the medium and high rainfall zone. It has a maturity similar to RGT Accroc with a solid disease package to back it up. The high yield and grain quality of RGT Cesario will bring benefits to the Australian grower.



**Tech Sheet**

# AGF<sup>seeds</sup> Contact US



**Will Bazley**  
**Nth NSW & QLD**  
0499 456 263  
will.bazley@agfseeds.com.au



**Rhys Cottam-Starkey**  
**Gippsland, Yarra Valley, South-Western Vic  
& Lower SE SA**  
0409 776 126  
rhys.cs@agfseeds.com.au



**Cooper Lambden**  
**SE NSW & NE Vic**  
0491 219 291  
cooper.lambden@agfseeds.com.au



**Ivan Pyke**  
**South-Western Vic, Central Vic, SE SA, Murray  
NSW & Tas**  
0497 432 157  
ivan.pyke@agfseeds.com.au



**Craig Altmann**  
**Vic Mallee & SA**  
0448 863 169  
craig.altmann@agfseeds.com.au

## Continuous Improvement and Innovation

[www.agfseeds.com.au](http://www.agfseeds.com.au) | 03 5345 6262 | [orders@agfseeds.com.au](mailto:orders@agfseeds.com.au)

NOTICE: Although the information and recommendations in this guide are presented in good faith and believed to be correct, AGF Seeds Pty. Ltd. makes no representations or warranties as to the completeness or accuracy of Information. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will AGF Seeds Pty. Ltd. be responsible for any damages or loss of any nature whatsoever resulting from the use of or reliance upon Information supplied in this guide