

Winter crop guide

Seed Force in Australia.

Since its inception in 2006 Seed Force has become the leading innovative proprietary forage seed business in Australia. The business model has been based on aligning with world leading plant breeding companies and institutions in Europe, N & S America, New Zealand and Australia and screening new breeders' lines against industry standards in Australia. Seed Force then commercialises new varieties that offer significant benefits to farmers over existing commercial varieties in Australia.

Seed Force commenced its broadacre development in 2009 importing our first wheat lines through quarantine. Since then we have screened multiple breeder lines of wheat, barley and canola. Only superior lines are then entered into NVT ahead of commercialisation through the rural retail distribution network.

Seed Force has set up multiplication for cereals via Commercial Partners detailed on pages 26-27 of this guide.

Winter crop development.

From 2009 Seed Force commenced its winter crop development program covering wheat, barley, oats and canola. Barley and winter wheats are imported from RAGT, an independently owned, French based shareholder in Seed Force. RAGT has Europe's largest wheat breeding program and the largest commercial sales of seed for sowing.

They also have Europe's leading winter canola breeding program with excellent screening for black leg resistance, stem canker & leaf spot plus yield and oil content.

Spring canola is sourced from NPZ Australia's program based in Perth, but with regional breeding nurseries and screening sites in WA, Victoria and NSW.

Importation of cereals into Australia is limited to 50 seeds per line that must be sent to and grown out in an approved quarantine facility. They are then tested for any exotic disease that would see the plants destroyed. After harvest of seed in quarantine the new breeder lines are then grown out in ear rows and eventually harvested to produce enough seed for regional testing against current commercial standards.

This process has enabled Seed Force to deliver the latest high yielding crop genetics to Australian farmers.



Seed Force Canola program

Seed Force has been a pioneering force in the development of the grain and graze winter canola market, launching our first variety in 2012. By combining our co-operation with leading European canola breeding companies and our in-depth knowledge of brassica grazing management, we have become the market leader in dual purpose canolas.

In 2015 Seed Force developed a strategic partnership with NPZ Australia to provide Seed Force with a pipeline of world class triazine tolerant hybrids for the Australian canola industry. The first variety was launched in

2016 after strong 2015 NVT results. SF Turbine also came with a new blackleg grouping that hadn't been seen in triazine tolerant varieties before - blackleg grouping BF. This new blackleg resistance grouping has given Australian farmers the ability to successfully rotate their blackleg groupings between the triazine tolerant varieties.

Two further varieties have been commercialised from the program which is focussed on delivering superior yielding varieties with increased oil content and improved blackleg resistance.



SF Spark TT

hybrid canola

FEATURES

- Excellent early vigour
- High oil content
- Strong blackleg resistance
- High yields within maturity group

Improved gross margins

SF Spark TT is a new early maturity TT hybrid being released by Seed Force in 2019.

With high yields and improved oil content, it can deliver improved returns in this maturity group.

Sowing rate

Average yield range	Optimum plants
1 to 2 t/ha	20 to 40 plants/m ²
2 to 3 t/ha	30 to 40 plants/m ²

early maturity

 **Australian release > 2019**

TYPE: Hybrid

HERBICIDE TOLERANCE GROUP: Triazine tolerant

BLACKLEG RESISTANCE: R-MR (Bare); Resistance group ABDF

SEEDLING VIGOUR: Excellent

CROP HEIGHT: Short-Moderate

ALTERNATIVE TO: Hyola 350, ATR Bonito, ATR Stingray

SOWING ZONES: 300 - 500mm

Trial Results

Variety	DTF 2017	Mean 8 sites kg/ha	% Control	Mean oil all trials (%)	Oil Bonus @ \$500/t	\$/ha @ \$500/t incl oil bonus
SF Spark TT	99	2739	101%	47.7	\$42.48	\$1,412
InVigor T 4510	103	2704	100%	46.1	\$30.50	\$1,383
Hyola 559TT	105	2407	89%	47.5	\$41.61	\$1,245
DG 560TT	104	2264	84%	44.3	\$16.91	\$1,149
ATR Bonito	104	2143	79%	48.2	\$46.50	\$1,118
ATR Mako	102	2105	78%	45.0	\$22.75	\$1,075
ATR Stingray	101	1956	72%	47.2	\$39.13	\$1,017

Based on Seed Force internal trials 2017

SF Turbine TT

hybrid canola

FEATURES

- Excellent early vigour
- Moderate crop height
- Up to 10% higher yielding than open pollinated varieties
- Equivalent yield to other TT hybrids

Improved gross margins

SF Turbine TT is the first in a new series of TT hybrids to be introduced by Seed Force.

SF Turbine TT has excellent early vigour and gets up and establishes quickly for maximum weed competition.

Sowing rate

Average yield range	Optimum plants
1 to 2 t/ha	20 to 40 plants/m ²
2 to 3.5 t/ha	30 to 50 plants/m ²

early - mid maturity



**Australian release
> 2015**

TYPE: Hybrid

HERBICIDE TOLERANCE GROUP: Triazine tolerant

BLACKLEG RESISTANCE: MR-MS (Bare), R-MR (Jockey) Resistance Group BF

SEEDLING VIGOUR: Excellent

CROP HEIGHT: Moderate

ALTERNATIVE TO: ATR Gem, ATR Stingray, ATR Bonito, ATR Mako, Hyola 559 TT + Hyola 450 TT

SOWING ZONES: 350 mm plus

Crop trial data*

Variety	no. trials	2014	2015	2016	2017	2018	Mean
SF Turbine TT	110		109	111	109	110	110
Hyola 559TT	171	108	107	106	106	111	108
Pioneer 44T02 TT	105		108	105	106	111	108
ATR Bonito	158	98	98	99	99	97	98
ATR Mako	151	99	98	97	98	98	98
Monola 416TT	103	93	95	98	96	91	95
Mean Yield t/ha		2.02	1.85	2.68	2.05	1.71	

* NVT Long Term MET Yield Reporter 2014-2018

SF Ignite TT

hybrid canola

FEATURES

- Excellent early vigour
- Moderate crop height
- Up to 10% higher yielding than open pollinated varieties
- Equivalent yield to other TT hybrids

Improved gross margins

SF Ignite TT is the second in a new series of TT hybrids to be introduced by Seed Force.

SF Ignite TT has excellent early vigour and gets up and establishes quickly for maximum weed competition.

Sowing rate

Average yield range	Optimum plants
1 to 2 t/ha	20 to 40 plants/m ²
2 to 3.5 t/ha	30 to 50 plants/m ²

mid - late maturity



**Australian release
> 2017**

TYPE: Hybrid

HERBICIDE TOLERANCE GROUP: Triazine tolerant

BLACKLEG RESISTANCE: MR (Bare), R (Jockey) Resistance Group BF

SEEDLING VIGOUR: Excellent

CROP HEIGHT: Moderate

ALTERNATIVE TO: Hyola 650TT, ATR Gem, ATR Wahoo, ATR Mako, Hyola 559 TT

SOWING ZONES: 500 mm plus

Crop trial data*

Variety	no. trials	2014	2015	2016	2017	2018	Mean
InVigor T 4510	96			119	114	116	116
SF Ignite TT	91			119	112	109	113
Hyola 559TT	171	108	107	106	106	111	108
Pioneer 44T02 TT	105		108	105	106	111	108
ATR Wahoo	112	97	97	102	99	94	98
Monola 515TT	93	86	85	85	87	81	85
Mean Yield t/ha		2.02	1.86	2.69	2.04	1.71	

* NVT Long Term MET Yield Reporter 2014-2018

Winter canola

Seed Force pioneered the use of forage rape and blends with cereals and ryegrass to increase winter feed production on mixed farms.

In 2011 we first trialled RAGT winter canolas for grain and oil yield. Seed Force has seen the potential for these winter types to be sown early and provide exceptional autumn/winter feed and then be locked up for similar grain and oil yields where finishing spring rains occur. But given the large grazing returns from these varieties, even moderate grain yields or harvest for hay would enable improved Gross Margins over spring canolas used for grain & oil only.

Typical winter forage yields of 4.0 to 6.0tDM/ha have enabled grazing of 30-40 lambs/ha for 8-12 weeks prior to lock up for grain.

This is resulting in grazing income of \$1,000-1,500/ha (equivalent of 2-3t/ha grain), plus grain yields of 2.0-3.0t/ha.

The new Clearfield canola Edimax CL has been an outstanding success and has been at the top of all winter canola trials. It has been commercially available since 2015.



Grazing guidelines

Seed Force winter canola can be planted as early as adequate moisture is available to enable successful establishment. Plants can be grazed after they have reached with-holding guidelines for seed treatments. Ensure that stock have been drenched and vaccinated at least seven days before moving onto the crop. They should be introduced slowly over a few days to enable rumen adjustment and additional fibre such as hay or straw should be available as well as fresh water.

Forage yields can be increased by the application of Nitrogen up to 60kg N/ha about four weeks after sowing. Crops should not be grazed within four weeks of application of Nitrogen.

Livestock withholding guidelines

- > **MAXIM® XL + PONCHO PLUS®**
DO NOT GRAZE PLANTS GROWN FROM TREATED SEEDS OR CUT FOR STOCK FOOD WITHIN EIGHT (8) WEEKS OF SOWING

SF Edimax CL

Clearfield winter canola



FEATURES

- Full season growing potential
- Can be sown in HRZ from late summer until early winter to reduce peak time use of seeder
- Increased income potential for autumn/winter grazing when sown early

BENEFITS

- Excellent yield potential
- Late maturity spreads frost risk
- Sowing early reduces requirement for slug control when soil temperatures allow faster growth
- High oil content

Grazing and grain

SF Edimax CL is a hybrid, Clearfield winter canola offering growers improved gross margins from both autumn/winter grazing and high potential grain yields.

SF Edimax CL can be sown in late summer or early autumn for grazing at eight weeks after sowing up until mid-July lock-up for grain with excellent oil content.

Sowing rate

Grain only	2.5–3.5kg/ha
Early grazing and grain	3.5–4.0kg/ha

late -very late maturity

 **Australian release > 2014**

TYPE: Hybrid

HERBICIDE TOLERANCE GROUP: Clearfield

BLACKLEG RESISTANCE: R-MR (Bare), R (Jockey) Resistance Group C

SEEDLING VIGOUR: Excellent

CROP HEIGHT: Moderate to tall

GRAZING POTENTIAL: Very good autumn and winter

SOWING ZONES: NW & SW slopes, S Tablelands NSW, N Victoria (irrigation), S Victoria, SE SA, Tasmania

SF Edimax CL

Winter canola case study

Edimax CL Gross Margin - Daniel Moll, Gerogery 2015

10 ha sown at 4 kg/ha on 19 February 2015. Grazing commenced in April, with 2 grazing periods until lock-up in early August for harvest in mid December.

Income				
Grazing lambs				
Grazing Days	Stocking Rate	Liveweight Gain	Price	Income (\$/ha)
70 days	23/ha	0.25 kg/day	\$2	\$952
Grain				
2.6 t/ha			\$502	\$1,305
Total Income				\$2,257

Expenditure	cost	
Seed	\$112	
Fertiliser	\$240	
Ag Chemicals	\$85	
Machinery	\$30	
Total Expenditure	\$467	\$467

Gross Margin	\$1,790
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SF Edimax CL

Trial data

Seed Force internal trials 2014

VARIETY	LAKE BOLAC (VIC)		DERRINALLUM (VIC)		EURONGILY (NSW)		AVERAGE	
	KG/HA	% MEAN	KG/HA	% MEAN	KG/HA	% MEAN	KG/HA	% MEAN
SF Edimax CL	2,442	117	2,500	133	1,035	93	1,992	118
SF Sensation	2,208	105	1,725	92	1,230	111	1,721	101
Hyola 971	1,881	90	1,772	94	1,020	92	1,558	92
SF Brazzil	1,810	86	1,397	74	1,025	92	1,411	83
Hyola 930	1,600	76	1,586	84	1,158	104	1,448	85
<i>Site Mean</i>	<i>2,095</i>		<i>1,881</i>		<i>1,110</i>		<i>1,696</i>	
<i>CV%</i>	<i>12.04%</i>		<i>15.63%</i>		<i>17.89%</i>			
<i>LSD</i>	<i>178.46</i>		<i>207.92</i>		<i>320</i>			



Introducing Seed Force Barley

Seed Force commenced its Australian barley screening program in 2010 with the importation of the first 11 barley varieties under quarantine from its European shareholder RAGT Semences.

The first barley trials commenced in 2012, once sufficient seed had been produced to enable initial screening for yield and disease resistance. Only two lines came through this rigorous process and have remained in the program, with one still being considered for commercialisation.

Since then we have now doubled the number of lines under screening with a total of 4 varieties now in the top yielding group of varieties tested in NVT in 2016.

The first of these to be commercialised is RGT Planet.



RGT Planet

barley

FEATURES

- High yielding variety
- Low protein, high hot water extract
- Malt accredited in Australia and Europe
- Strong interest from Asian brewers

BENEFITS

- Earlier planting opportunity
- Suited to malting
- Heineken green light
- Carlsberg approved
- Adaptable to early or late season finishes

A good economic option

RGT Planet is a new high yielding spring barley being introduced into Australia. It has a strong agronomic package that combined with its yield potential will make it an economic option for Australian barley growers.

RGT Planet received full malt accreditation in Australia in March 2019. It already has malt status in many European countries and strong demand from European and Asian brewers.

RGT Planet has good disease resistance to mildew, rhinosporium, net blotch and brown rust. It also has good straw strength and reduced risk of lodging.



Sowing rate
50-80kg/ha

mid season flowering

Australian release
> 2017

End Point Royalty
> \$4.40/tonne
(excl gst)

Crop trial data*

Variety	no. trials	2014	2015	2016	2017	2018	Mean
Rosalind	296	112	118	108	109	109	111
RGT Planet	157			116	110	107	111
Leabrook	227		114	102	107	110	108
Compass	296	109	114	97	104	107	106
Banks	227		108	103	104	107	106
Fathom	295	106	107	103	104	107	105
Latrobe	296	107	110	99	103	104	105
Spartacus CL	296	107	112	98	102	102	104
Mean Yield t/ha		3.16	3.01	4.97	3.52	3.41	

* NVT Long Term MET Yield Reporter 2014-2018

RGT Planet

Australia's highest yielding barley variety

based on 2016/2017/2018 NVT trial results
 table includes varieties in all 107 released sites.
 check NVT website for specific trial results

WA	2016	2017	2018	mean
mean yield	3.84	3.50	3.92	
no trials	9	15	19	43
RGT Planet	113	110	106	110
Rosalind	107	108	109	108
Leabrook	105	106	108	106
Banks	103	103	102	103
Fathom	101	101	105	102
Compass	99	102	105	102
La Trobe	98	102	102	101
Spartacus CL	96	101	101	99

SA	2016	2017	2018	mean
mean yield	5.58	4.16	3.90	
no trials	19	16	14	49
RGT Planet	116	109	107	111
Rosalind	108	108	110	109
Leabrook	103	106	109	106
Fathom	104	105	108	106
Banks	104	104	105	104
Compass	97	104	108	103
La Trobe	99	103	106	103
Spartacus CL	97	103	107	102

VIC Long season	2016	2017	2018	mean
mean yield	7.30	5.23	4.59	
no trials	3	3	2	8
RGT Planet	115	111	101	109
Topstart	113	109	103	108
Rosalind	105	110	103	106
Oxford	112	103	104	106
Bottler	110	109	102	107
Maltstar	108	104	101	104
Leabrook	96	109	110	105
Banks	100	100	108	103
Spartacus CL	94	99	109	101
Compass	87	104	106	99

QLD	2016	2017	2018	mean
mean yield	5.17	1.66	2.57	
no trials	3	5	4	12
RGT Planet	117	113	106	112
Leabrook	103	114	114	110
Maltstar	108	113	107	109
Compass	97	110	110	106
Rosalind	110	104	103	106
Banks	100	110	107	106
La Trobe	101	100	97	99
Spartacus CL	101	91	89	94

NSW	2016	2017	2018	mean
mean yield	4.86	2.58	2.40	
no trials	13	6	6	25
RGT Planet	118	106	109	111
Leabrook	102	115	115	111
Rosalind	112	114	104	110
Compass	97	116	109	107
Banks	102	108	107	106
Fathom	103	112	98	104
Hindmarsh	100	111	99	103
La Trobe	101	110	98	103
Spartacus CL	102	108	93	101

VIC	2016	2017	2018	mean
mean yield	5.93	4.63	2.70	
no trials	10	9	10	29
RGT Planet	115	114	106	112
Rosalind	106	110	109	108
Fathom	102	104	115	107
Leabrook	101	106	111	106
Banks	103	105	105	104
La Trobe	97	102	107	102
Compass	94	101	109	101
Spartacus CL	96	102	106	101

Winter wheats

Whilst the wheat varieties being tested in Australia are largely pink in grain colour and currently being categorised as feed wheats, many are high quality milling wheats in Europe where grain colour is not the main criteria for classification.

In general red/pink wheats will yield higher than white wheats and RAGT is focussed on delivering commercial varieties that continue to improve farmer profitability in Europe and now into Australia.

So whilst in the initial stage these varieties will have to hold up primarily on yield and disease tolerance, there is future scope for the development of markets for high yielding milling wheats with increased sprouting resistance.

Seed Force is committed to entering material screened for commercialisation into the GRDC program. We initially entered winter wheats starting in 2012 largely into the long season sites. More recently earlier flowering material has been entered into the main season trials.

NVT sites:

Our varieties included in the various sites since 2014 include:

- SF Scenario
- SF Adagio
- SF Ovalo
- SF Hekto (commercial in Tasmania only)
- RGT Accroc
- RGT Zanzibar
- RGT Calabro
- RGT Relay (Tasmania only)
- RGT Ivory white wheat (Tasmania only)

New cereal naming prefix.

The wheats marketed by Seed Force up until 2015 have been marketed with the SF prefix.

This is consistent with our forage business where the SF prefix identifies the variety as having been tested extensively in Australia by Seed Force prior to commercialisation.

That decision has been made based on strong results and highlighting a variety that offered significant benefits to Australian farmers.

But for all new cereal varieties from 2016, they will carry the RGT prefix.

This will clearly identify them as having been bred by RAGT, as many of the varieties are recognised internationally.

This will help those who may choose to aggregate and market the varieties, so that the name is consistent with what is known by international customers.



NVT Long sown wheat trial summary

Report Type	South West NSW, South West VIC, TAS						
	year	2013	2014	2015	2016	2017	2018
	Mean Yield t/ha	6.03	4.91	5.03	6.53	5.16	6.60
Variety	All Trials	5	6	10	9	9	5
RGT Accroc	27		117	111	124	117	118
#SF Hekto	3		116			113	115
DS Bennett	15				117	112	112
RGT Calabro	22			105	118	113	114
Manning	33	106	120	100	111	111	115
SF Adagio	29	105	117	107	112	110	110
LRPB Beaufort	14			105	115	110	110
RGT Zanzibar	14				112	108	107
SQP Revenue	32	110	105	100	113	110	113
Mackellar	23	102	115	102	107		
SF Ovalo	9	98	113	95	108	108	
SF Scenario	20	102	105	97	107		
Illabo	15				96	100	96
Einstein	29		110	93	104	106	108
DS Pascal	32	105	102	111	99	100	94
LRPB Trojan	18	110	90	111	103	102	95
Bolac	10	102	94	105			
LRPB Nighthawk	4						98
LRPB Kittyhawk	28		103	102	95	97	96
EGA Wedgetail	33	98	101	99	97	98	99
Brennan	12		99	94	98	99	102
Sunmax	18			100	99	96	
Forrest	34	100	100	100	93	95	95
Sunlamb	28		96	96	98	99	98
Wylah	24	99	100	95	89		
Tennant	23	93	91	84	94		
Longsword	15				89	93	87
Naparoo	34	91	85	86	92	87	98
Sunzell	29	89	82	89	87	88	90

Data Source: NVT Long term yield data (2014-2018) Long season wheat
 * not all varieties have been included in the summary table
 Varieties removed are either older varieties and poorer performing varieties.
 for full information check at www.nvtonline.com.au
 # tested in Tasmania only

RGT Zanzibar

main season red wheat

FEATURES

Tried as SFR86-055

- Main season spring wheat
- Suited to late April to mid May sowing
- Being tested for grazing tolerance
- High yield potential
- Excellent stripe rust resistance
- Excellent straw strength and standability

Full season growing potential

RGT Zanzibar is a bearded main season red wheat with very high yield potential and is very well adapted to all environments across QLD, NSW, VIC, SA and Tasmania. For growers looking for yield and that have a reliable feed market this variety is hard to go past. RGT Zanzibar has superior grain yield over key competitors Suntop, EGA Gregory and Spitfire.

The variety has a good disease resistance profile with very good resistance to stripe rust. With excellent straw strength harvest quality is good producing large bold grain with a high thousand grain weight.

TYPE: Main season red wheat

DISEASE RESISTANCE: Excellent stripe rust resistance

SEEDLING VIGOUR: Excellent

GRAZING POTENTIAL: Very good autumn and winter

SOWING ZONES: Suited to the main season sowing area of eastern Australia


NVT Main season wheat trial summary

For information on performance of RGT Zanzibar in main season wheat trials please check results on www.nvtonline.com.au

Sowing rate
80-120kg/ha

mid maturity

 **Australian release**
> 2017

 **End Point Royalty**
>\$4.40/tonne
(incl gst)

NVT Early sown wheat trial summary

Report Type	South East NSW, North East & South West VIC, South East SA					
	year	2014	2015	2016	2017	2018
	Mean Yield t/ha	4.71	4.93	6.34	5.56	4.78
Variety	All trials	6	11	10	6	5
RGT Zanzibar	21			117	114	114
Catapult	5					111
LRPB Beaufort	22	106	109	115	113	114
RGT Accroc	36	101	105	120	111	115
RGT Calabro	32		104	118	110	112
DS Bennett	21			114	109	111
LRPB Trojan	38	111	111	105	108	106
Cutlass	32		108	106	107	106
Beckom	32		111	102	106	104
SF Adagio	38	100	101	113	106	109
Illabo	21			104	103	103
Longsword	21			101	103	101
Coolah	38	103	104	103	104	104
Suntop	19	109	107	98	102	100
SQP Revenue	34	92	95	111	102	106
DS Pascal	38	102	100	103	101	103
Kiora	37	103	102	101	101	101
LRPB Scout	13	104	104	99	101	
LRPB Phantom	21	100	100	101	102	102
Manning	37	91	94	109	100	104
Chara	37	103	102	98	100	99
LRPB Lancer	20	105	103	96	99	97
SF Ovalo	6	93	92	107		
LRPB Flanker	20	97	99	98	100	99
Bolac	37	98	98	99	98	99
DS Tull	11			95	98	96
Elmore CL Plus	21	96	97	97	98	98
DS Darwin	28	102	100	92	96	94
EGA Wedgetail	38	93	93	100	96	98
Suntime	17	97	96	95	96	96
SF Scenario	27	90	90	103		
LRPB Kittyhawk	32		93	98	95	97
Forrest	37	90	90	100	95	99
LRPB Gauntlet	18	101	99	90	94	92
DS Faraday	17		95	94	96	95
Sunlamb	18		92	98	95	97
EGA Gregory	24	93	94	94	95	95
Brennan	5	85	86	95	91	97
Sunvale	17	96	93	87	91	89

Data Source: NVT Long term yield data (2014-2018) Early sown wheat
www.nvtonline.com.au

SF Adagio

winter red wheat

FEATURES

- Full season growing potential
- Very high yield potential
- Can be sown in HRZ from late summer until early winter
- Good resistance to fusarium
- Increased resistance to sprouting
- Increased income potential for autumn/winter grazing when sown early

Med - long season

SF Adagio is a bearded, medium - long growing season winter wheat with potential for high yields in the medium and high rainfall zone. It has been developed in France, Spain and Turkey where it is grown primarily for its earlier maturity, its excellent resistance to fusarium and its bread making quality, having a particularly good level of protein and specific weight.

The high yield and grain quality of SF Adagio will bring benefits to the Australian grower.

Sowing rate
80-120kg/ha

mid - late maturity



Australian release
> 2014



End Point Royalty
>\$4.00/tonne
(incl gst)

TYPE: Winter red wheat

DISEASE RESISTANCE: Good resistance to fusarium

SEEDLING VIGOUR: Excellent

GRAZING POTENTIAL: Very good autumn and winter

SOWING ZONES: NW & SW slopes, S Tablelands NSW, N Victoria (irrigation), S Victoria, SE SA, Tasmania

RGT Accroc

winter red wheat

FEATURES

- Full season growing potential
- Can be sown in HRZ from late summer until early winter
- Early heading and maturing
- High yield potential
- Resistant to wheat streak mosaic virus
- Short stiff straw
- Increased income potential for autumn/winter grazing when sown early

Full season growing potential

RGT Accroc is a bearded, medium-long growing season winter wheat with potential for high yields in the medium and high rainfall zone. It is a variety that has taken a high market share in France where its combination of earlier maturity, high yields and good grain quality has made it desirable for growers and end-users alike.

The variety has a good disease resistance profile with very good resistance to stripe rust and good resistance to wheat streak mosaic virus. With short stiff straw, harvest quality is good producing large bold grain with a high thousand grain weight.

TYPE: Winter red wheat

DISEASE RESISTANCE: Good resistance to stripe rust

SEEDLING VIGOUR: Excellent

GRAZING POTENTIAL: Very good autumn and winter

SOWING ZONES: NW & SW slopes, S Tablelands NSW, N Victoria (irrigation), S Victoria, South-east SA, Tasmania

Sowing rate
80–120kg/ha

mid - late maturity



Australian release
> 2017



End Point Royalty
>\$4.40/tonne
(incl gst)

RGT Calabro

winter red wheat

FEATURES

Trialed as SFR86-036

- Full season growing potential
- Can be sown in HRZ from late summer until early winter
- Early heading and maturing
- High yield potential
- Excellent stripe rust resistance
- Short stiff straw with excellent standability
- Increased income potential for autumn/winter grazing when sown early

Full season growing potential

RGT Calabro is a bearded, medium-long growing season winter wheat with potential for high yields in the medium and high rainfall zone. It is a variety that has taken a high market share in France where its maturity, high yields and good grain quality has made it desirable for both growers and end users.

The variety has a good disease resistance profile with very good resistance to stripe rust and good resistance to wheat streak mosaic virus. With short stiff straw, harvest quality is good producing large bold grain with a high thousand grain weight.

TYPE: Winter red wheat

DISEASE RESISTANCE: Good resistance to stripe rust

SEEDLING VIGOUR: Excellent

GRAZING POTENTIAL: Very good autumn and winter

SOWING ZONES: Tasmania, S Tablelands NSW, N Victoria (irrigation), S Victoria, South-east SA

Sowing rate
80–120kg/ha

mid - late maturity



Australian release
> 2017



End Point Royalty
>\$4.40/tonne
(incl gst)

Available through:
Midland Seeds, Richmond
Tasmania

RGT Relay

winter red wheat

FEATURES

Trialed as SFR86-050

- Full season growing potential
- Can be sown in HRZ from late summer until early winter
- High yield potential
- Excellent stripe rust resistance
- Short stiff straw with excellent standability
- Increased income potential for autumn/winter grazing when sown early

Full season growing potential

RGT Relay is an awnless, long growing season winter red wheat with potential for high yields in the high rainfall zone. It has high yields and good grain quality. It has been tested in Tasmania however suits early planting to allow full development and to maximise yield potential. Highest yielding in FAR Hyperyielding cereal trials TOS 1 2016.

The variety has a good disease resistance profile with very good resistance to stripe rust and good resistance to Septoria. With short stiff straw, harvest quality is good producing large bold grain with a high thousand grain weight.

TYPE: Winter red wheat

DISEASE RESISTANCE: Good resistance to stripe rust

SEEDLING VIGOUR: Excellent

GRAZING POTENTIAL: Very good autumn and winter

SOWING ZONES: Tasmania

Sowing rate

80–120kg/ha

mid - late maturity



Australian release
> 2019



End Point Royalty
>\$4.40/tonne
(incl gst)

RGT Ivory

winter white wheat

FEATURES

Trialed as SFR86-044

- Full season growing potential
- Awned White Wheat
- Can be sown in HRZ from late summer until early winter
- Very Long maturity
- High yield potential
- Short stiff straw with excellent standability
- Increased income potential for autumn/winter grazing when sown early

Full season growing potential

RGT Ivory is a bearded, very long growing season winter wheat with potential for high yields in the long season high rainfall zone. It has been tested in NVT in Tasmania however suits early planting to allow full development and to maximise yield potential. Currently in NVT and Hyperyielding cereal trials.

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.

TYPE: Winter white wheat

DISEASE RESISTANCE: Good resistance to stripe rust

SEEDLING VIGOUR: Excellent

GRAZING POTENTIAL: Very good autumn and winter

SOWING ZONES: Tasmania

Sowing rate

80–120kg/ha

mid - late maturity



Australian release
> 2019



End Point Royalty
>\$4.40/tonne
(incl gst)

Available through:
Rural Retailer or contact
Midlands Seed for further
information

Seed Force Cereal Commercial Partners and Variety EPRs

Seed Force proprietary cereals are available from the Commercial Partners below with the End Point Royalties as detailed.

Commercial Partner	Town/State	Phone	SF Scenario wheat	SF Hekto wheat	SF Adagio wheat	RGT Calabro wheat	RGT Accroc wheat	RGT Zanzibar wheat	RGT Relay wheat	RGT Ivory wheat	RGT Planet barley
Australian Seed & Grain	Moora, WA	08 9651 1069									\$4.40
EDSCO	Kellerberrin, WA	08 9045 4036									\$4.40
Melchiorre Seeds	Narrogin, WA	08 9881 1155									\$4.40
MultiSEED	Esperance, WA	08 9071 1053									\$4.40
Modra Seeds	Ungarra, SA	08 8688 8094									\$4.40
RH Verner	Mallala, SA	08 8520 2182									\$4.40
Naracoorte Seeds	Naracoorte, SA	08 8762 1944					\$4.40				\$4.40
AGF Seeds	Smeaton, VIC	03 5345 6262	\$3.96		\$3.96		\$4.40				\$4.40
Baker Seeds	Rutherglen, VIC	02 6032 9484					\$4.40	\$4.40			\$4.40
TP Jones	Launceston, TAS	03 6343 1666		\$4.40			\$4.40				\$4.40
Midland Seeds	Richmond, TAS	03 6260 4000				\$4.40		\$4.40	\$4.40	\$4.40	
Hart Bros	June, NSW	02 6924 7206			\$3.96		\$4.40	\$4.40			\$4.40
Agrigrain	Narromine, NSW	02 6889 2200									\$4.40
Woods Seeds	Goondiwindi, QLD	07 4670 0400									\$4.40
Associated Grain	Dalby, QLD	07 4669 9500									\$4.40

* all EPRs are inclusive of GST

End Point Royalty (EPR)

Each time that a grower purchases seed for sowing of Seed Force varieties noted as having EPR payable, they agree to comply with the Variety Licence Agreement including the payment on any applicable EPR. This EPR is payable on all grain produced except seed retained by the grower for replanting by the grower.

All grain produced must be properly declared on the Harvest Declaration form.

Full details of Seed Force's Variety Licence Agreements are available at www.varietycentral.com

This EPR is the mechanism by which Seed Force in Australia and RAGT in France can continue to breed and screen varieties that can provide improved returns for Australian grain and mixed farmers.

EPR Seed Force on-line royalty system

Seed Force has set up an online royalty management system Seed Force EPR. Growers can register for our online royalty management system by going to www.seedforce.com.au/end-point-royalty or growers with an email address registered can log on via epr.seedforce.com

This has created a simple and convenient royalty management system that allows growers to enter their harvest declarations with auto collect transactions automatically allocated to grower's accounts. Any EPR issues can be directed to epr@seedforce.com

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the power to grow