SPARTACUS CL PBR

NSW, QLD, VIC & SA

ALTERNATIVE TO:
HINDMARSH
COMPASS
SCOPE CL
RGT PLANET

EASTERN AUSTRALIA 2020

INTERGRAIN

Clearfield® Production System

Variety Overview

SPARTACUS CL is a high yielding, malt accredited, Clearfield® barley, with excellent yield potential.

SPARTACUS CL is agronomically similar to LA TROBE, offering a similar leaf disease profile, good physical grain qualities and has a short rachilla hair length.

SPARTACUS CL provides a robust disease resistance profile and is resistant to CCN. The variety has strong lodging tolerance and a low head loss risk. It also has good grain plumpness.

SPARTACUS CL has a similar plant height and architecture to LA TROBE and has an erect growth habit. SPARTACUS CL has a short coleoptile and it is recommended that sowing depth be carefully considered when sowing.

SPARTACUS CL is available through your local reseller or InterGrain Seedclub member.

A proven gladiator conquering the Asian beer arena.

VARIETY AT A GLANCE

- EXCELLENT YIELD
- GOOD NET FORM NET BLOTCH RESISTANCE (PATHOTYPE DEPENDENT)
- HEAD LOSS RISK: LOW
- MATURITY: QUICK SPRING
- CLEARFIELD® BARLEY

For more information please contact:
SA: Josh Reichstein 0422 235 537 jreichstein@intergrain.com
VIC: Ash Brooks 0476 020 451 abrooks@intergrain.com
NSW/QLD: Katherine Munn 0436 801 161 kmunn@intergrain.com

PLANT FEATURES

Variety	Classification	Maturity	Coleoptile Length	Lodging Tolerance	Height	Head Loss	Grain Plumpness	Rachilla Hair Length
SPARTACUS CL	Malt	Quick	Short	Strong	Mod. Short	Low	Mod. Good	Short
LA TROBE	Malt	Quick	Short	Medium	Short - Mod. Short	Medium	Mod. Good	Short
RGT PLANET	Malt	Mid	-	Strong	Medium	Low	Fair	Short
SCOPE CL	Malt	Mid	Short	Poor	Mod. Tall	High	Fair	Long
ROSALIND	Feed	Quick-Mid	Short	Strong	Mod. Short	Low	Mod. Good	Long
COMPASS	Malt	Quick-Mid	Medium	Poor	Mod. Tall	Medium	Good	Long

Source: 2020 Victorian Winter Crop Summary and InterGrain Barley Breeding.

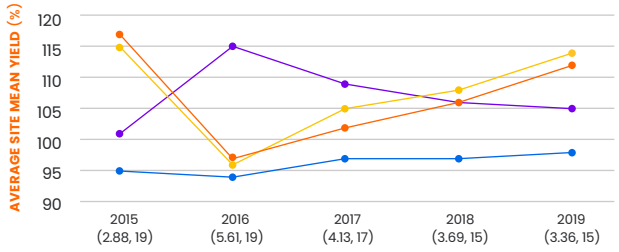
DISEASE

Variety	Leaf Rust SA	Leaf Rust VIC	Leaf Rust NSW*	Leaf Rust QLD	Powd. Mildew QLD	Powd. Mildew SA	Powd. Mildew VIC	SFNB VIC	SFNB SA	SFNB NSW	SFNB QLD	NFNB SA	NFNB VIC	NFNB QLD	NFNB NSW	CCN	BYDV	SCALD SA	SCALD VIC	SCALD NSW
SPARTACUS CL(Þ)	MR-S	S	S*	MSS	MRMS/ SVS	MR-SVS	SVS	SVS	S	SVS	SVS	MSS-SVS	MSS	MS	MR-S	R	MS-S	R-SVS	SVS	VS
COMPASS(Þ)	SVS	SVS	VS*	VS	MRMS/S	MRMS-S	MRMS	MS	MRMS-MSS	MSS	MRMS	MR-MSS	MSS	MRMS/ MSS	MRMS	R	MRMS-MS	MR-SVS	SVS	SVS
RGT PLANET(Þ)	MR-MS	MS	MRMS*	MRMS	R	R	R	S	S-SVS	SVS	S	MR-SVS	SVS	S/ MRMS	S	Rp	MR-MRMS	R-SVS	SVS	S
LA TROBE(Þ)	MRMS-S	S	S*	MSS	MRMS/ SVS	MR-SVS	MS#	S	MSS	S	SVS	MR-MSS	MR	MS	MS	R	MSS	R-SVS	SVS	MRMS-VS
SCOPE CL(Þ)	MS-SVS	S	S*	S	RMR	RMR	RMR	MSS	MS-S	MSS	MSS	MR	MR#	MSS	MRMS	S	MRMS	MRMS-SVS	S	SVS

Source: 2019 NVT Pathology Disease consensus ratings. Disease data reference: R = Resistant, RMR = Resistant to Moderately Resistant, MR = Moderately Resistant, MRMS = Moderately Resistant to Moderately Susceptible, MS = Moderately Susceptible, MSS = Moderately Susceptible to Susceptible, S = Susceptible, SVS = Susceptible to Very Susceptible, VS = Very Susceptible. # Pathotype dependent, () = Higher disease at some sites, p= provisional rating. *NSW leaf rust ratings based on 2018 NVT Pathology Disease consensus ratings.

YIELD PERFORMANCE

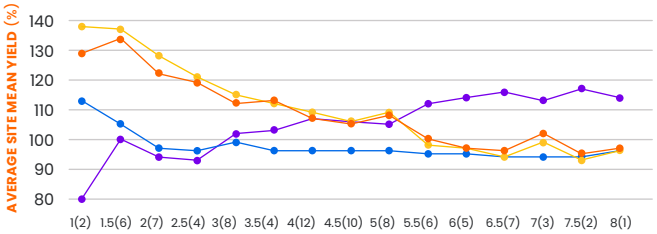
SOUTH AUSTRALIA



(Average Yield t/ha, Trial Number)

2015-19 SA main season NVT MET yield performance, represented annually as a % of average site mean yield

(Data accessed from the NVT Online website on 10/02/2020)



Yield Environment t/ha, (Trial Number)

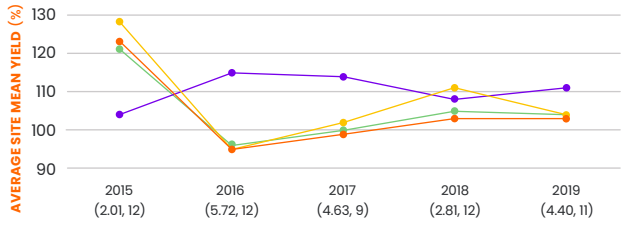
2015-19 SA main season NVT MET yield performance, represented by yield environment as a % of site mean yield

(Brackets indicate number of trials)

(Data accessed from the NVT Online website on 10/02/2020)

VICTORIA

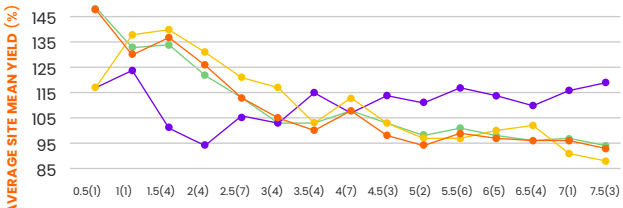
SPARTACUS CL(Þ) RGT PLANET(Þ) SCOPE CL(Þ) COMPASS(Þ)



(Average Yield t/ha, Trial Number)

2015-19 VIC main season NVT MET yield performance, represented annually as a % of average site mean yield

(Data accessed from the NVT Online website on 10/02/2020)



Yield Environment t/ha, (Trial Number)

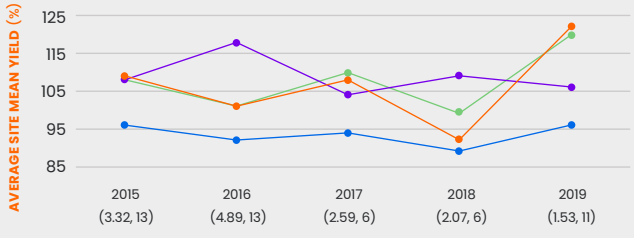
2015-19 VIC main season NVT MET yield performance, represented by yield environment as a % of site mean yield

(Brackets indicate number of trials)

(Data accessed from the NVT Online website on 10/02/2020)

SPARTACUS CL(Þ) RGT PLANET(Þ) COMPASS(Þ) LA TROBE(Þ)

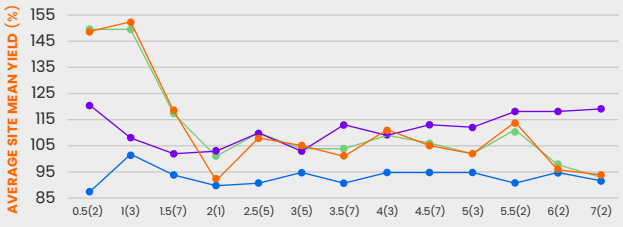
NEW SOUTH WALES



(Average Yield t/ha, Trial Number)

2015-19 NSW main season NVT MET yield performance, represented annually as a % of average site mean yield

(Data accessed from the NVT Online website on 10/02/2020)



Yield Environment t/ha, (Trial Number)

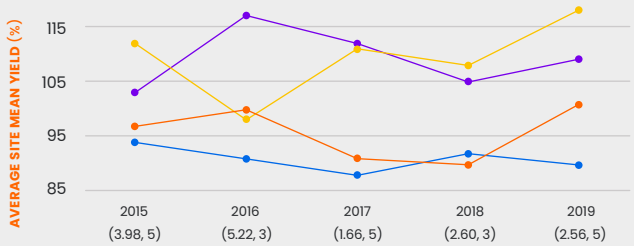
2015-19 NSW main season NVT MET yield performance, represented by yield environment as a % of site mean yield

(Brackets indicate number of trials)

(Data accessed from the NVT Online website on 10/02/2020)

SPARTACUS CL(Þ) RGT PLANET(Þ) SCOPE CL(Þ) LA TROBE(Þ)

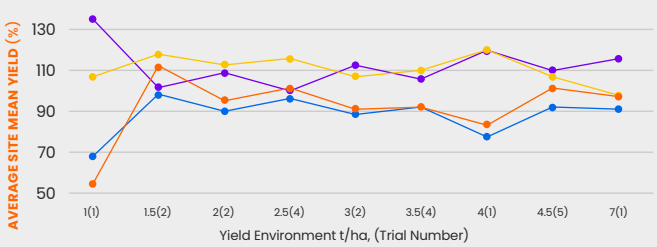
QUEENSLAND



(Average Yield t/ha, Trial Number)

2015-19 QLD main season NVT MET yield performance, represented annually as a % of average site mean yield

(Data accessed from the NVT Online website on 10/02/2020)



Yield Environment t/ha, (Trial Number)

2015-19 QLD main season NVT MET yield performance, represented by yield environment as a % of site mean yield

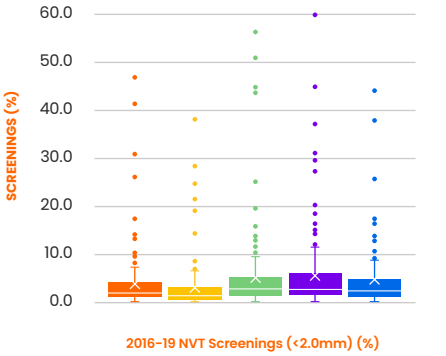
(Brackets indicate number of trials)

(Data accessed from the NVT Online website on 10/02/2020)

SPARTACUS CL(Þ) RGT PLANET(Þ) SCOPE CL(Þ) COMPASS(Þ)

GRAIN QUALITY

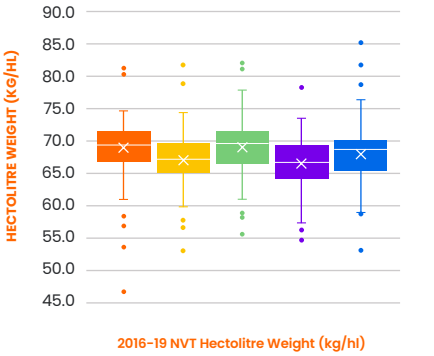
SCREENINGS



2016-19 NVT Screenings (<2.0mm) (%)

(Data accessed from the NVT Online website on 12/03/2020)

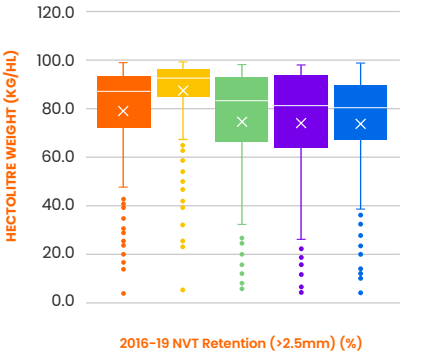
HECTOLITRE WEIGHT



2016-19 NVT Hectolitre Weight (kg/hl)

(Data accessed from the NVT Online website on 12/03/2020)

RETENTION



2016-19 NVT Retention (>2.5mm) (%)

(Data accessed from the NVT Online website on 12/03/2020)

SPARTACUS CL$^{\Phi}$ RGT PLANET$^{\Phi}$ SCOPE CL$^{\Phi}$ COMPASS$^{\Phi}$ LA TROBE$^{\Phi}$

GROUP B IMIDAZOLINONE HERBICIDE INFORMATION

InterGrain only supports use of Australian Pesticides and Veterinary Medicines Authority (APVMA) approved imidazolinone products for SPARTACUS CL$^{\Phi}$.

Where the grower uses an APVMA approved herbicide they must comply with all label recommendations and requirements for the specific herbicide used.

SPARTACUS CL$^{\Phi}$ possesses the gene conferring tolerance to label application rates of registered imidazolinone products. Imidazolinone herbicides are Group B herbicides, ALS inhibitors. Registered imidazolinone herbicides provide control of many major grass and broadleaf weeds present in broadacre cropping systems. These weeds include brome grass, barley grass, wild oats, indian hedge mustard, muskweed, oats, wheat and barley (non-Clearfield®), wild radish, wild turnip and suppression of annual ryegrass.

For registered product labels, plant back and application details please refer to the following:

Pre-Emergent Herbicide:
Sentry® - https://bit.ly/302wiic

Post-Emergent Herbicide Options:
Intervix® -https://bit.ly/2HCCQ1p
Intercept® -https://bit.ly/2VLyVpj

SEED AVAILABILITY

Seed is available through your local reseller or Seedclub member.

For more information please contact:

SA: Josh Reichstein 0422 235 537 jreichstein@intergrain.com
VIC: Ash Brooks 0476 020 451 abrooks@intergrain.com
NSW/QLD: Katherine Munn 0436 801 161 kmunn@intergrain.com

PBR/EPR

SPARTACUS CL$^{\Phi}$ is protected by Plant Breeder's Rights and is subject to an End Point Royalty of $4.25/tonne GST Exclusive.

SPARTACUS CL$^{\Phi}$ is an InterGrain variety containing an IMI barley technology licence from Agriculture Victoria Servivces (AVS), bred by David Moody and the InterGrain Barley Breeding team.