





SPARTACUS CL

NSW, QLD, VIC & SA

ALTERNATIVE TO:


HINDMARSH 
COMPASS 
SCOPE CL 
RGT PLANET 








EASTERN AUSTRALIA 2019







Variety Overview


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

In general, SPARTACUS CL's  time to flowering is the same as LA TROBE  and earlier than SCOPE CL  for all sowing dates.

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, reducing itchiness.

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
BARLEY



GOOD NET FORM
NET BLOTCH
RESISTANCE
(PATHOTYPE
DEPENDENT)



HEAD LOSS RISK:
LOW



SHORT RACHILLA
HAIR LENGTH
- REDUCING
ITCHINESS



TIME TO
FLOWERING:
EARLY



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	Time to Flowering	Coleoptile Length	Lodging Tolerance	Height	Head Loss	Grain Plumpness	Rachilla Hair Length
SPARTACUS CL 	Malt	Early	Short	Strong	Mod. Short	Low	8	Short
LA TROBE 	Malt	Early	Short	Medium	Short - Mod. Short	Medium	7	Short
RGT PLANET 	Malt	Mid	-	Medium	Medium	Low	6	Short
SCOPE CL 	Malt	Mid	Short	Poor	Mod. Tall	High	6	Long
ROSALIND 	Feed	Early-Mid	Short	Strong	Mod. Short	Low	6-7	Long
COMPASS 	Malt	Early-Mid	Medium	Poor	Mod. Tall	Medium	9	Long

Source: 2019 Victorian Winter Crop Summary and InterGrain Barley Breeding. Coleoptile Lengths, Lodging tolerance, Head loss Risk & Rachilla lengths – 2019 Barley variety sowing guide for Western Australia.

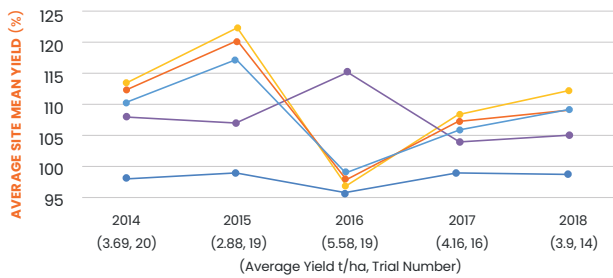
DISEASE

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	BYBVD	SCALD SA	SCALD VIC	SCALD NSW
SPARTACUS CL (Δ)	MR-S	S	S	MSS	MRMS/SVS	MR-SVS	S	SVS	S	SVS	SVS	MRMS-S	MS	MS	MR-S	R	MSS	R-VS	SVS	VS
COMPASS (Δ)	SVS	VS	VS	VS	MRMS/S	MRMS-S	MS	MSS	MR-MSS	MSS	MRMS	MR-MSS	MRMS	MRMS/MSS	MRMS	R	MSS	MS-SVS	SVS	SVS
RGT PLANET (Δ)	MR-MS	MRMS	MRMS	MRMS	R	R	R	S	S	SVS	S	MRMS-SVS	SVS	S/MRMS	S	Rp	MR/MSS	R-SVS	S	S
LA TROBE (Δ)	MRMS-S	S	S	MSS	MRMS/SVS	MR-SVS	MS#	S	MSS	S	SVS	MR-MSS	MR#	MS	MS	R	S	R-VS	SVS	MRMS-VS
SCOPE CL (Δ)	MS-SVS	S	S	S	RMR	RMR	RMR	MSS	MS-S	MSS	MSS	MR	MR	MSS	MRMS	S	MRMS/S	MS-SVS	S	SVS

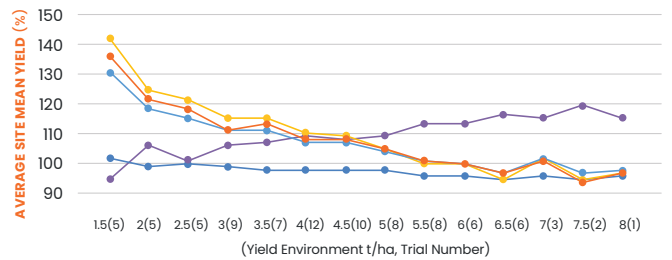
Source: 2018 NVT Pathology Disease consensus ratings. Disease data reference: R = Resistant, RMR = Resistant to Moderately Resistant, MR = Moderately Resistant, MRMS = Moderately Resistant to Moderately Susceptible, MS = Moderately Susceptible, MSS = Moderately Susceptible to Susceptible, S = Susceptible,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

YIELD PERFORMANCE

SOUTH AUSTRALIA

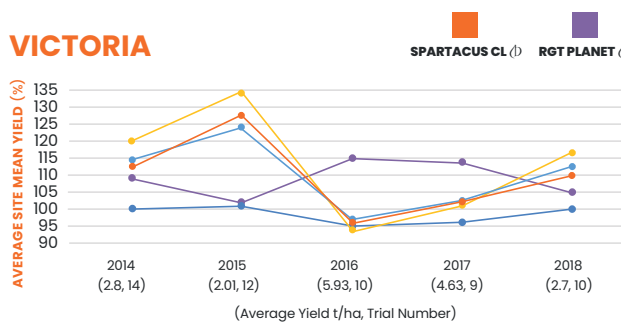


2014-18 SA NVT MET yield performance, represented annually as a % of average site mean yield. (Data accessed from the NVT Online website on 20/03/2019.)

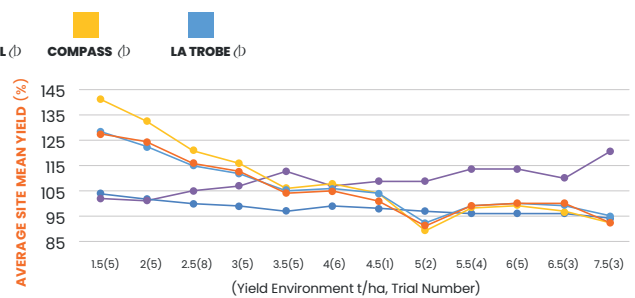


2014-18 SA NVT MET yield performance, represented by yield environment as a % of site mean yield. Only yield information >1t/ha has been presented within this graph. (Data accessed from the NVT Online website on 20/03/2019.)

VICTORIA

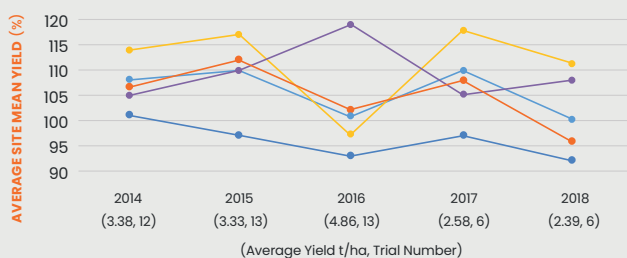


2014-18 VIC NVT MET yield performance, represented annually as a % of average site mean yield. (Data accessed from the NVT Online website on 20/03/2019.)

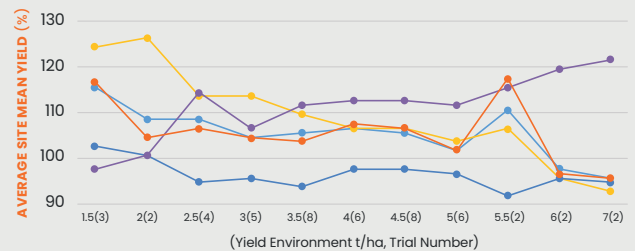


2014-18 VIC NVT MET yield performance, represented by yield environment as a % of site mean yield. Only yield information >1t/ha has been presented within this graph. (Data accessed from the NVT Online website on 20/03/2019.)

NEW SOUTH WALES

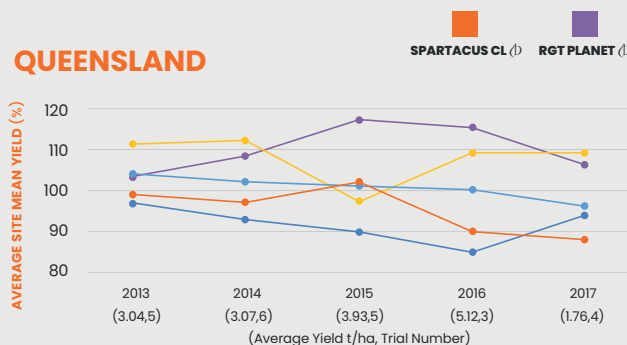


2014-18 NSW NVT MET yield performance, represented annually as a % of average site mean yield. (Data accessed from the NVT Online website on 20/03/2019.)

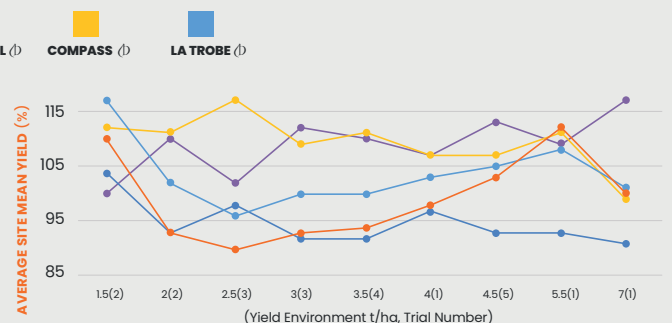


2014-18 NSW NVT MET yield performance, represented by yield environment as a % of site mean yield. Only yield information >1t/ha has been presented within this graph. (Data accessed from the NVT Online website on 20/03/2019.)

QUEENSLAND



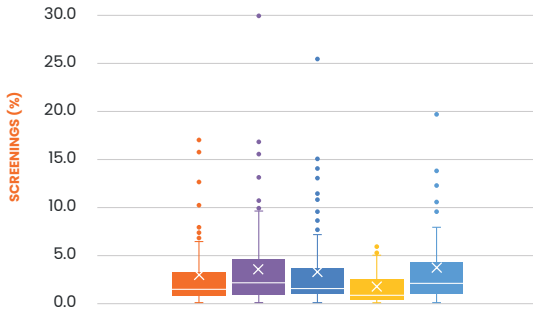
2014-18 QLD NVT MET Yield Performance; represented annually as a % of average site mean yield. (Data accessed from the NVT Online website on 20/03/2019.)



2014-18 QLD NVT MET Yield Performance represented by yield environment as a % of site mean yield. Only yield information >1t/ha has been presented within this graph. (Data accessed from the NVT Online website on 20/03/2019.)

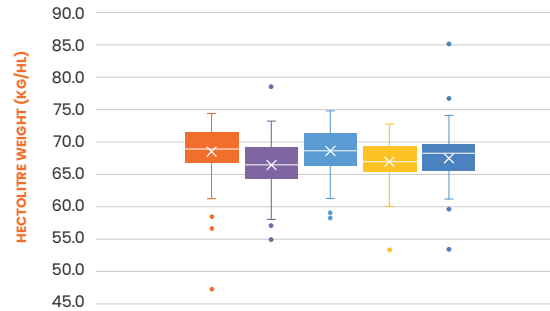
GRAIN QUALITY

SCREENINGS



2016-18 NVT Screenings (<2.2mm) (%)
(Data accessed from the NVT Online website on 20/03/2019.)

HECTOLITRE WEIGHT



2016-18 NVT Hectolitre Weight (kg/hl)
(Data accessed from the NVT Online website on 20/03/2019.)

SPARTACUS CL (b) RGT PLANET (b) SCOPE CL (b) COMPASS (b) LA TROBE (b)

GROUP B IMIDAZOLINONE HERBICIDE INFORMATION

InterGrain only supports use of Australian Pesticides and Veterinary Medicines Authority (APVMA) approved imidazolinone products for SPARTACUS CL (b).

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

SPARTACUS CL (b) 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 from through your local reseller 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 (b) is protected by Plant Breeder's Rights and is subject to an End Point Royalty of \$4.25/tonne GST Exclusive. SPARTACUS CL (b) is an InterGrain variety containing an IMI barley technology licence from Agriculture Victoria Services (AVS), bred by David Moody and the InterGrain Barley Breeding team.

Disclaimer

All material contained or referred to in this publication is copyright. InterGrain is the owner of the copyright, unless otherwise indicated. Neither this publication nor any part of it may be reproduced in any way without the written consent of InterGrain. The information provided in this publication is considered true and correct at the time of printing although may be subject to change. This publication is intended as a general guide only for the purposes of providing a general understanding of InterGrain and its products. This publication should not be taken as detailed information regarding InterGrain or its products. InterGrain has taken all due care to ensure that the information provided is accurate at the time of publication; however, InterGrain does not guarantee or warrant the accuracy, completeness or currency of the information provided. Australian grain growers should regularly seek updated information and should rely on their own investigation and inquiries regarding the suitability of any product. Neither InterGrain, nor its affiliates, agents or employees, shall be held liable for any loss or damage whatsoever arising out of or in relation to the contents of the publication, whether such loss or damage arises from the negligence or misrepresentation or any act or omission of InterGrain or its agents or employees. InterGrain does not accept liability for loss or damaged, suffered or incurred as a result of acting on or refraining to act as a result of any material contained in this publication