

SPARTACUS CL

MALTING BARLEY

ALTERNATIVE TO:

HINDMARSH[®]
LA TROBE[®]
SCOPE CL[®]
RGT PLANET[®]



WESTERN ZONE 2020
(WESTERN AUSTRALIA)



Variety Overview

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

SPARTACUS CL[®] has a robust disease resistance profile including good powdery mildew (MR-MS) and net form net blotch (MRMS-MSS) resistance.

SPARTACUS CL[®] is agronomically similar to LA TROBE[®], offering good physical grain qualities and has a short rachilla length. SPARTACUS CL[®] has improved grain plumpness compared to LA TROBE[®] and has very good hectolitre weight, similar to LA TROBE[®]. SPARTACUS CL[®] has strong lodging tolerance and a low head loss risk.

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 planting this variety.

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

A proven gladiator conquering the Asian beer arena.

VARIETY AT A GLANCE



HIGHEST YIELDING
CLEARFIELD[®]
BARLEY IN WA



NET FORM
NET BLOTCH
(MRMS-MSS)



HEAD LOSS RISK:
LOW



MATURITY:
QUICK SPRING



CLEARFIELD[®]
BARLEY

For more information please contact:

Georgia Trainor ☎ 0439 093 166 @ gtrainor@intergrain.com

PLANT FEATURES

Variety	Classification	Maturity	Coleoptile Length	Lodging Tolerance	Height	Head Loss Risk	Grain plumpness	Rachilla Hair Length
SPARTACUS CL[®]	Malt	Quick	Short	Strong	Medium	Low	Mod. Good	Short
BASS[®]	Malt	Mid-Slow	Medium	Very Strong	Short	Medium	Good	Long
FLINDERS[®]	Malt	Mid-Slow	Short	Very Strong	Short	Low	Mod. Good	Short
LA TROBE[®]	Malt	Quick	Short	Medium	Medium	Medium	Mod. Good	Short
RGT PLANET[®]	Malt	Mid	-	Strong	Medium	Low	Fair	Short
SCOPE CL[®]	Malt	Mid	Short	Poor	Tall	High	Fair	Long
ROSALIND[®]	Feed	Quick-Mid	Short	Strong	Medium	Low	Mod. Good	Long

Source: 2020 Crop Sowing Guide for Western Australia and InterGrain Barley Breeding.

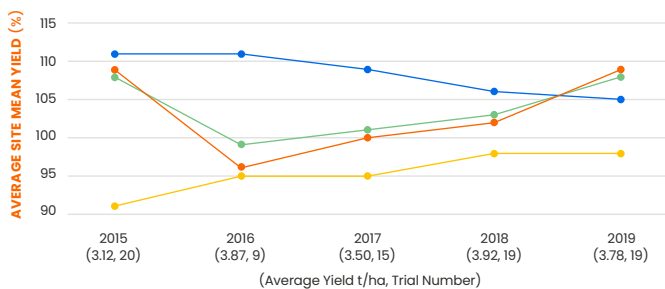
DISEASE

Variety	Leaf Rust	Powdery Mildew	SFNB	NFNB	CCN	BYDV	SCALD
SPARTACUS CL[Ⓛ]	MSS	MR-MS	SVS	MRMS-MSS	R	MS-S	MR
BASS[Ⓛ]	SVS	MSS	S	MRMS-SVS	S	MRMS-MS	MS
HINDMARSH[Ⓛ]	S	MRMS-MSS	SVS	MR-MS	R	MSS	MR-S
LA TROBE[Ⓛ]	MSS	MS-S	S	MRMS-S	R	MSS	MR
OXFORD[Ⓛ]	MS	R	S	MR-VS	S	MR-MRMS	S
RGT PLANET[Ⓛ]	MRMS	R	S	MRMS-S	Rp	MR-MRMS	MRMS
SCOPE CL[Ⓛ]	MSS	R	MSS	MR-S	S	MRMS	MSS

Source: 2019 WA 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, SVS = Susceptible to Very Susceptible, S = Susceptible, VS = Very Susceptible. # Pathotype dependent, () = Higher disease at some sites, p = provisional rating.

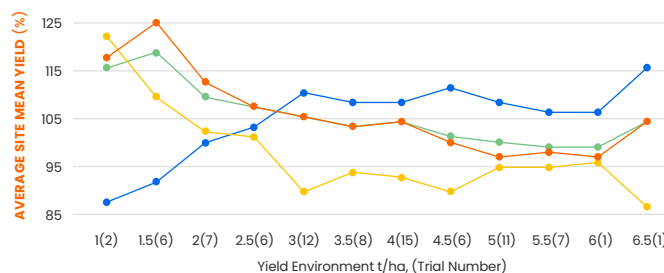
YIELD PERFORMANCE

WESTERN AUSTRALIA



2015-19 WA 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)

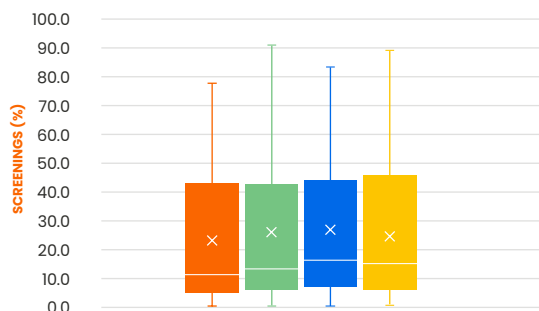


2015-19 WA main season NVT MET yield performance, represented by yield environment as a % of site mean yield

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

GRAIN QUALITY

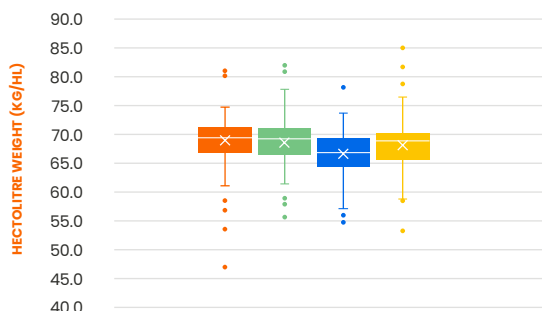
SCREENINGS



2016-19 WA NVT Screenings (<2.5mm) (%)

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

HECTOLITRE WEIGHT



2016-19 WA NVT Hectolitre Weight (kg/hl)

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

GROUP B IMIDAZOLINONE HERBICIDE INFORMATION

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

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

SPARTACUS CL[Ⓛ] 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:
Interlix® - <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: Georgia Trainor ☎ 0439 093 166 📧 gtrainor@intergrain.com

PBR/EPR

SPARTACUS CL[Ⓛ] is protected by Plant Breeder's Rights and is subject to an End Point Royalty of \$4.25/tonne GST Exclusive.

SPARTACUS CL[Ⓛ] 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.