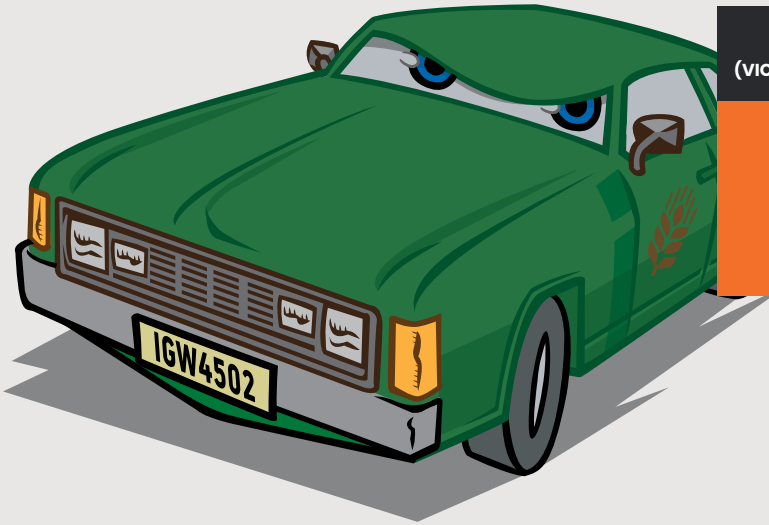


SOUTHERN ZONE 2021
(VICTORIA/SOUTH AUSTRALIA)



VALIANT [Ⓛ]_{PBR} CL PLUS

**AUSTRALIAN
HARD (AH)**

ALTERNATIVE TO:

DENISON[Ⓛ]

CUTLASS[Ⓛ]

YITPI[Ⓛ]

SHERIFF CL PLUS[Ⓛ]

**A SLOW MATURING, AH,
CLEARFIELD® PLUS VEHICLE
FOR THE EARLY STARTER!**

FOR MORE INFORMATION PLEASE CONTACT:

SA: Josh Reichstein
0422 235 537

VIC: Katherine Munn
0436 801 161

VIC: Ash Brooks
0476 020 451

jreichstein@intergrain.com kmunn@intergrain.com abrooks@intergrain.com



Clearfield[Ⓛ] Plus
Production System for Wheat

VARIETY OVERVIEW

VALIANT[®] CL PLUS is a high yielding, Clearfield[®] Plus slow season, AH spring wheat. It has a later maturity than Cutlass[®] providing a new varietal opportunity to maximise early sowing opportunities.

VALIANT[®] CL PLUS has a robust disease resistance package, including very good stripe rust resistance (RMRp), based on NVT provisional disease ratings. VALIANT[®] CL PLUS's best performance has been observed in longer growing seasons. It has good grain size, test weight and a moderate plant height, and it has a long coleoptile. VALIANT[®] CL Plus's slow spring maturity, coupled with the Clearfield[®] Plus trait provides an ideal variety for early sowing.

VALIANT[®] CL PLUS is available from local Seedclub members and resellers for planting in 2022.

VARIETY AT A GLANCE



HIGH YIELD



CLEARFIELD PLUS[®]
(INTERVIX[®]
TOLERANT)



SLOW
MATURITY



GOOD
YELLOW SPOT
RESISTANCE



EXCELLENT
STRIPE
RUST
RESISTANCE



EXCELLENT
STEM RUST
RESISTANCE



CCN*
(MRMSp)
*2020
InterGrain
Wheat Breeding
Provisional
Ratings.



COLEOPTILE
LENGTH:
LONG

PLANT FEATURES

VARIETY	VALIANT [®] CL PLUS	DENISON [®]	CUTLASS [®]	SHERIFF CL PLUS [®]	YITPI [®]	ELMORE CL PLUS [®]	HAMMER CL PLUS [®]
Classification (Southern Zone)	AH	APW	APW	APW	AH	AH	AH
Maturity	Slow	Slow	Mid - Slow	Mid - Slow	Mid - Slow	Mid	Quick - Mid
Coleoptile	Long	Medium	Medium - Long	Medium	Medium - Long	Medium	Medium
Plant Height	Medium	Short	Medium - Tall	Medium	Tall	Medium	Short

2021 South Australian Crop Sowing Guide, 2021 Victorian Crop Sowing Guide and InterGrain wheat breeding.

DISEASE RATINGS

VARIETY	VALIANT [®] CL PLUS	DENISON [®]	CUTLASS [®]	SHERIFF CL PLUS [®]	YITPI [®]	ELMORE CL PLUS [®]	HAMMER CL PLUS [®]
Stripe Rust*	RMRp	MS/Sp	MS	MS/SVSp	MS/Sp	MR	MS
Stem Rust	MRp	MS	R	MS	S	MR	MR
Leaf Rust	MSSp	S	RMR	SVS	S	RMR	S
Yellow Leaf Spot	MRMSp	MRMS	MSS	MRMS	SVS	S	MRMS
Powdery Mildew [^]	SVSp	SVS	S	SVS	-	-	MSS
CCN	MRMSp	MSS	MR	MS	MR	S	MRMS
Septoria Tritici	MSSp	MSS	MSS	S	MSS	MSS	MSS

2020 NVT Pathology consensus disease ratings. VALIANT[®] CL PLUS CCN rating InterGrain Wheat Breeding. 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. *Ratings are based on Eastern states ratings. [^]South Australian rating. p= provisional rating.

YIELD PERFORMANCE – SOUTH AUSTRALIA



2016–20 South Australian Early Season NVT predicted MET yield performance, represented by yield environment as a % of site mean yield

(Data accessed from the NVT Online website on 08/02/2021.)

● VALIANT^{CL PLUS} ● DENISON^{CL PLUS} ● CUTLASS^{CL PLUS}



2016–20 South Australian Main Season NVT predicted MET yield performance, represented by yield environment as a % of site mean yield

(Data accessed from the NVT Online website on 25/05/2021.)

● VALIANT^{CL PLUS} ● SHERIFF CL PLUS^{CL PLUS} ● DENISON^{CL PLUS} ● CUTLASS^{CL PLUS}

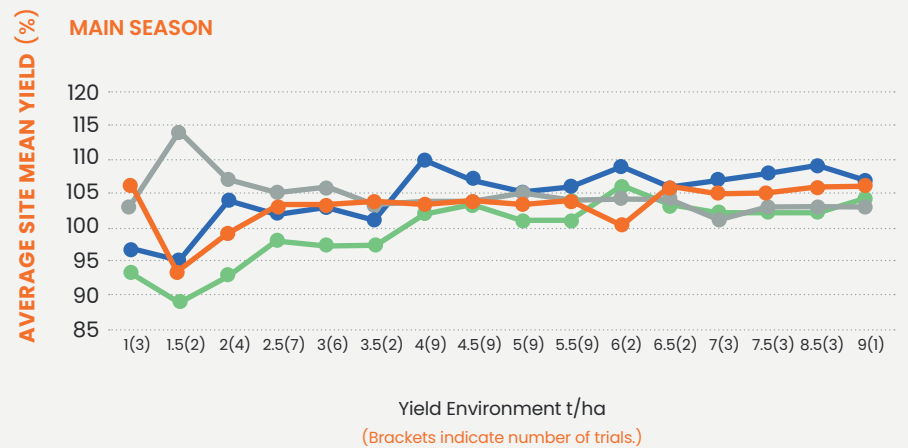
YIELD PERFORMANCE – VICTORIA



2016–20 Victorian Early Season NVT predicted MET yield performance, represented by yield environment as a % of site mean yield

(Data accessed from the NVT Online website on 08/02/2021.)

● VALIANT^{CL PLUS} ● DENISON^{CL PLUS} ● CUTLASS^{CL PLUS}



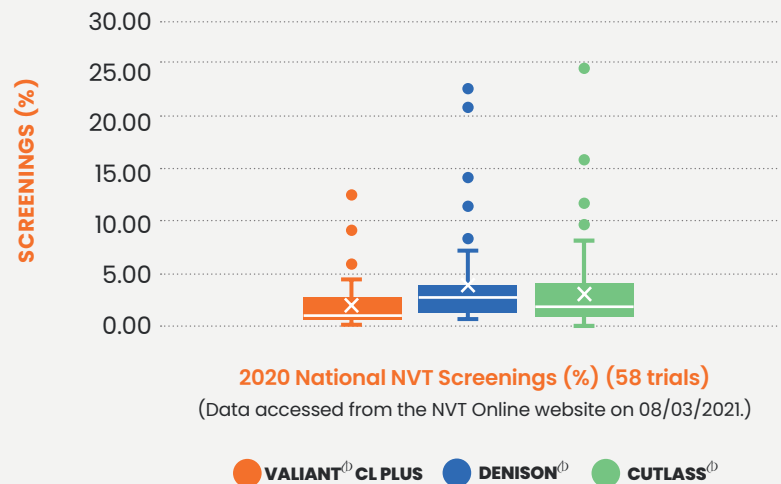
2016–20 Victorian Main Season NVT predicted MET yield performance, represented by yield environment as a % of site mean yield

(Data accessed from the NVT Online website on 24/02/2021.)

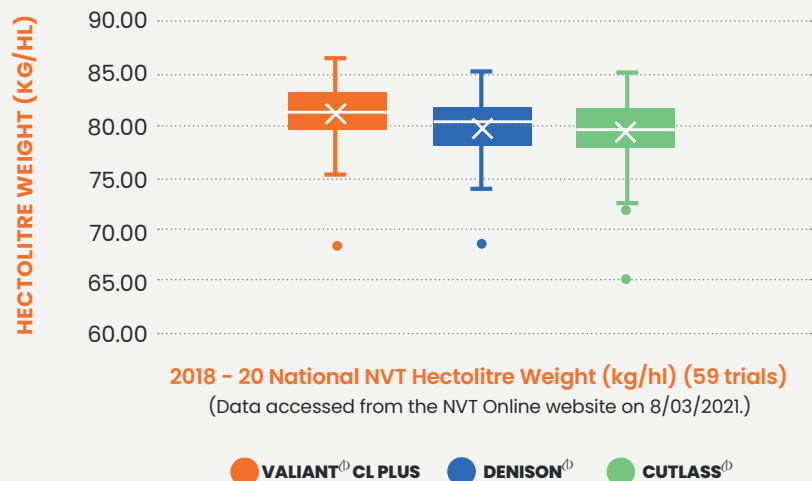
● VALIANT^{CL PLUS} ● SHERIFF CL PLUS^{CL PLUS} ● DENISON^{CL PLUS} ● CUTLASS^{CL PLUS}

GRAIN QUALITY

SCREENINGS



HECTOLITRE WEIGHT



CLEARFIELD[®] PLUS PRODUCTION SYSTEM

VALIANT[®] CL PLUS possesses two genes which confer tolerance to label rates of the Intervix[®] herbicide. Intervix[®] is a member of the Group B – imidazolinone chemical family.

Intervix[®] is a post-emergent herbicide providing 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 full product, plant back and application details please refer to the Intervix[®] product label available

https://crop-solutions.basf.com.au/files/ii5IAEAb40_YLMdL.pdf



For more information please contact:

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

PBR/EPR

VALIANT[®] CL PLUS is protected by Plant Breeder's Rights and is subject to an end point royalty of \$4.35/tonne GST Exclusive. VALIANT[®] CL PLUS is an InterGrain variety bred by Dr Dan Mullan and the InterGrain wheat breeding team.

Seed Availability – Seed is available through InterGrain Seedclub members and/or local resellers. VALIANT[®] CL PLUS is not farmer to farmer trade approved.



intergrain.com

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.