INTERGRAIN

NEOΦCL

Product Profile southern NSW

Unrivalled performance in medium-high production environments

NEOΦ CL features

- Exceptionally high yielding malting barley providing a 10% yield improvement over RGT PlanetΦ*.
- A mid-spring maturing Clearfield® barley with a semi-prostrate plant type.
- Excellent disease resistance package including improved spot form and net form net blotch resistance compared to RGT PlanetΦ.
- Ideally suited to medium-high rainfall environments.
- Good grain quality attributes including excellent grain plumpness, superior to RGT PlanetΦ, and comparable test weight to RGT PlanetΦ.

NEOΦ CL is available for planting from Seedclub Members, resellers and via farmer to farmer trade.

**based on 2020-25 NVT long-term main season % predicted yield performance, average of 2020-25 annual yield results (southern NSW).*

Mid spring maturity

Clearfield® barley

Malt accredited barley

Semi-prostrate growth habit

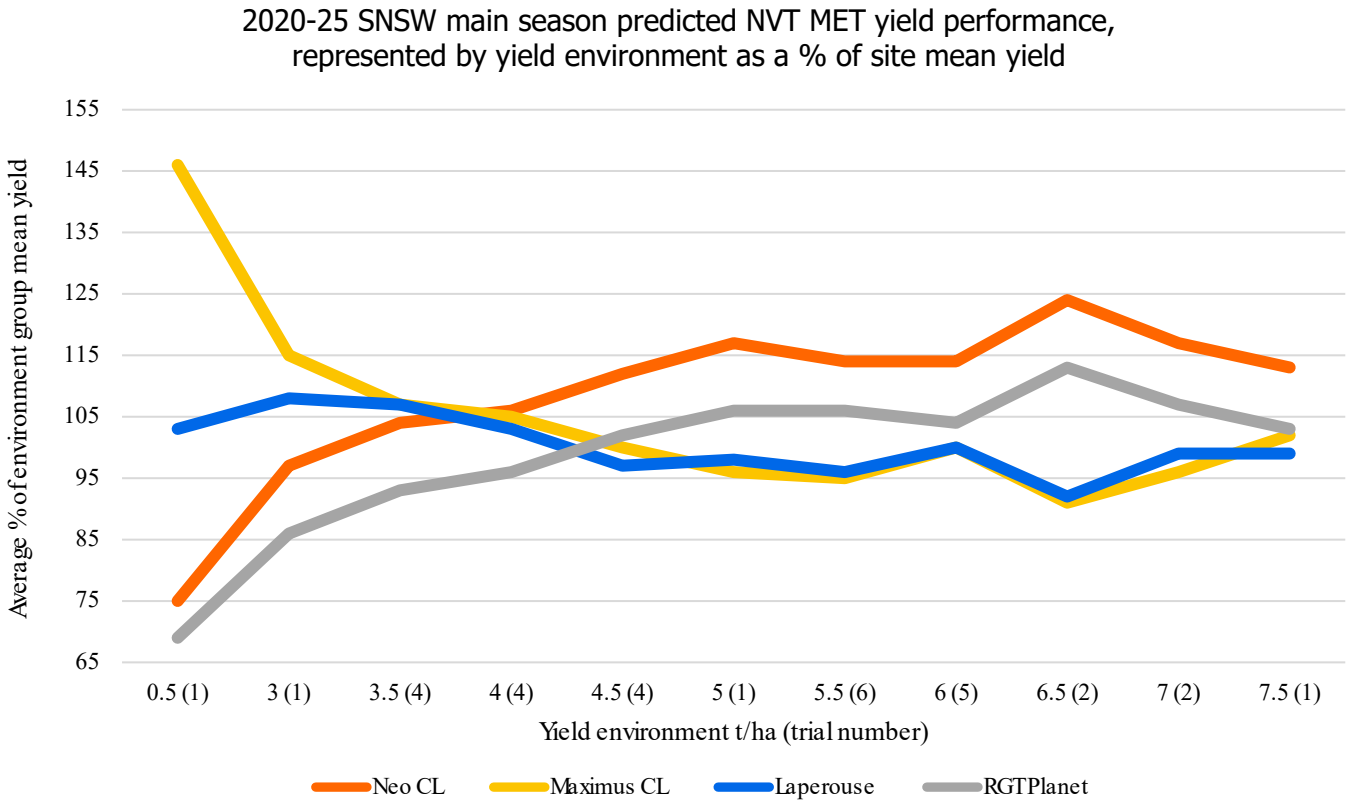
Good disease resistance profile

Strong lodging tolerance & low head loss risk

Plant features	NeoΦ CL	MaximusΦ CL	LaperouseΦ	RGT PlanetΦ
Classification	Malt	Malt	Malt	Malt
Maturity	Mid	Quick-Mid	Mid	Mid
Early growth habit	Semi-prostrate	Erect	Semi-erect	Semi-prostrate
Coleoptile length	Medium	Short	Short	Medium
Plant height	Medium	Short	Medium	Medium
Lodging tolerance	Strong	Strong	Medium	Medium
Head loss risk	Low	Low	Low	Low
Grain plumpness	Good	Good/Excellent	-	Fair
Rachilla hair length	Short	Long	-	Short

Plant features source: 2025 NSW Crop Sowing Guide and InterGrain barley breeding

Yield performance



Data accessed from GRDC NVT 01/04/2026

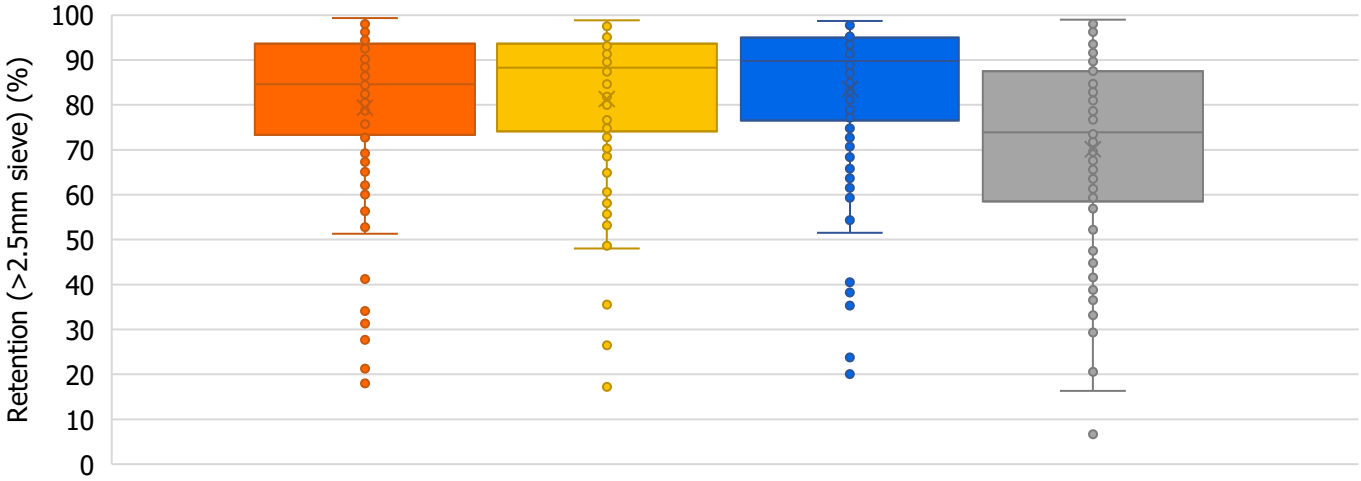
Disease

		Neo CL	Maximus CL	Laperouse	RGT Planet
Leaf rust	NSW	SVS	MSS	SVS	MR
	Vic	SVS	S	SVS	MRMS
Powdery mildew		RMR	S	MSS	RMR
Spot form net blotch	NSW	MR	MS	MS	SVS
	Vic	MR	MS	MRMS	SVS
Net form net blotch	NSW	MSS	MRMS	MS	SVS
	Vic	MSS	MSS	MRMS	SVS
CCN		R	R	S	R
Scald	NSW	S	S	SVS	MSS
	Vic	S	SVS	SVS	SVS

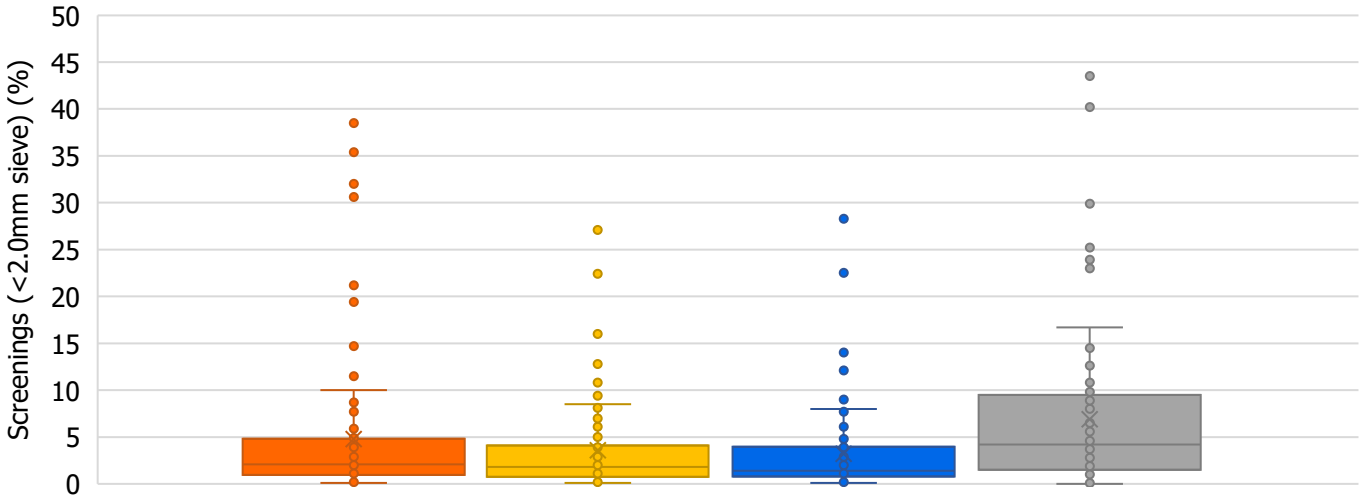
Source: 2025 NVT Pathology consensus disease ratings. p = Provisional ratings, - = show a range of reaction responses
R = Resistant, RMR = Resistant to Moderately Resistant, MR = Moderately Resistant, MRMS = Moderately Resistant to Moderately Susceptible, MS = Moderately Susceptible, MSS = Moderately Susceptible to Susceptible, S = Susceptible, SVS = Susceptible to Very Susceptible, VS = Very Susceptible

Grain quality

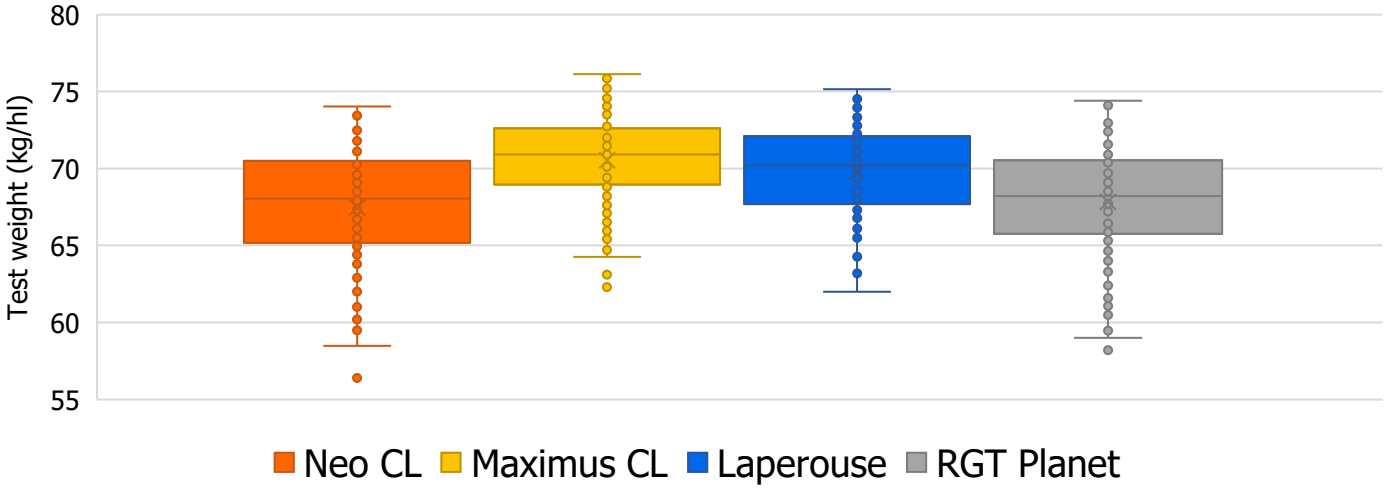
2023-2025 National NVT main season barley **retention** (%)
Data accessed 13/07/26 from 99 trials



2023-2025 National NVT main season barley **screenings** (%)
Data accessed 13/07/26 from 101 trials



2023-2025 National NVT main season barley **test weight** (kg/hl)
Data accessed 13/07/26 from 100 trials



Group B Imidazolinone Information:

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

Growers using APVMA approved herbicides, must comply with all label recommendations and requirements for the specific herbicide used.

NEO CL possesses the gene conferring tolerance to label application rates of registered IMI products. IMI herbicides are Group 2 (formally known as Group B) herbicides, ALS inhibitors. Registered IMI 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. IMI herbicides are not effective in controlling Group 2 resistant weed species (particularly wild radish and annual ryegrass).

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

Pre-Emergent Herbicide: Sentry®

Post-Emergent Herbicide Options: Intervix® | Intercept®

InterGrain strongly supports sustainable Clearfield® and IMI barley production systems and we recommend reviewing the stewardship guidelines suggested within the below guides to ensure longevity of APVMA approved IMI herbicides:

Nufarm IMIcrops
BASF Clearfield Stewardship

Clearfield® Production System

InterGrain contact

David Leah
Southern NSW Territory Manager
0460 292 620 | mnaumann@intergrain.com

PBR/EPR

NEO CL is protected by Plant Breeder's Rights and is subject to an end point royalty of $4.25/tonne GST exclusive.

Disclaimer

The material contained in this publication is considered true and correct as at the date of this publication. The publication is a general guide only prepared solely for the purpose of providing general information in connection with InterGrain, its business and, if applicable the services and products provided by InterGrain. InterGrain does not warrant or guarantee the accuracy, completeness or currency of the publication material and information. InterGrain strongly recommends the publication reader independently research or obtain independent professional advice in connection with the use of the publication material and information for any business decision.

Neither InterGrain, its officers, directors, affiliates or employees, are liable for any cost, expense, damage, liability or loss suffered or incurred by a publication reader or any other party related in any way to the publication reader as a result of the use of publication material and information.

Publication Date: September 2026 © Intergrain Pty Ltd 2026. All rights reserved.

Sources

Disease source: 2025 NVT Disease Consensus Ratings and InterGrain disease ratings independently tested by national pathologists. Agronomic characteristics source: InterGrain Breeding. Yield sourcing: Yield performance has been sourced from NVT data.

GRDC NATIONAL VARIETY TRIALS™