

NITRO BARLEY



Nitro Barley is GrainSearch's newest feed grade barley and has undergone commercial seed production by supporting GrainSearch Affiliate - Amps. Since 2016 Nitro has remained one of the top yielding barley varieties in the Amps trials and has also performed well on the sodic soil trial sites.

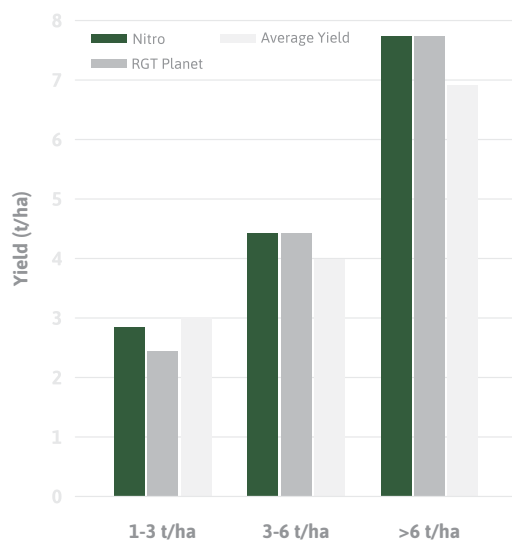
VARIETY OVERVIEW

- Very good physical grain quality - Test Weight & grain size
- Low - Medium head loss risk
- Good lodging tolerance
- Alternative to RGT Planet
- Early to Mid season Feed Barley with good straw strength
- Well suited to 3 - 6 tonne yield potential situations
- Very good yield potential in Late April to Early May sowing

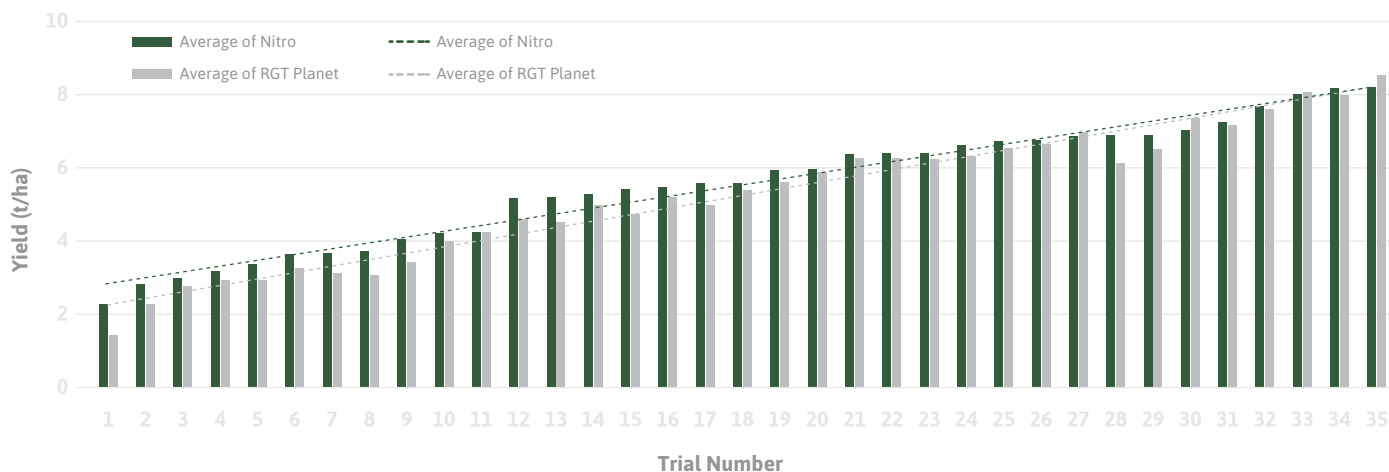
	Mean Site Yield Range (t/ha)			Mean
	0- 3 t/ha	3-6 t/ha	>6 t/ha	
Mean Yield (t/ha)	2.7	4.6	6.8	
No. Trials	3	27	14	
	Yield (% of trial mean)			
Nitro	100	109	110	106
RGT Planet	80	102	106	96
Fathom	120	109	101	110
Spartacus	76	91	99	89
Laperouse	105	98	97	100
Rosalind	95	89	97	94
Leabrook	123	104	96	108
Compass	118	102	92	104
Commander	81	96	88	88

NITRO VS RGT PLANET YIELD

(grouped by average yield, 2016-2020 across all sites with paired data)



YIELD PERFORMANCE



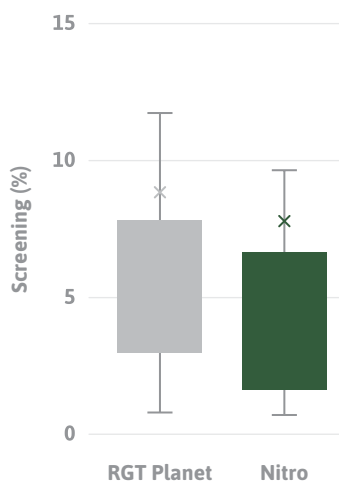
Data Source: AMPS Research Inc

DISEASE RATINGS

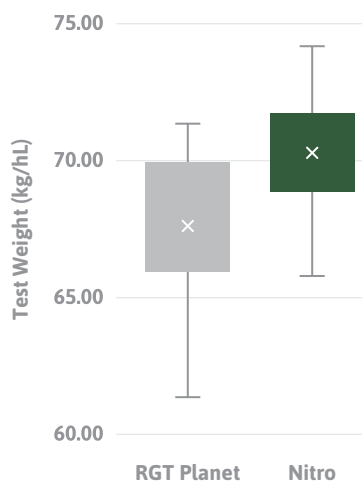
PLANT CHARACTERISTICS

	Powdery Mildew	Net Form Net Blotch	Spot From Net Blotch	Scald	BYDV	Leaf Rust	Classification	Maturity	Lodging Tolerance	Height	Head Loss Risk	Grain Size
Nitro	MR*	MS*	S-VS*	S-VS	MS	MS	Feed	Mid	Good	Medium	Low	Good
Spartacus CL	S-MS	MR	S-VS	VS	MR-MS	MR	Malt	Quick	Good	Medium	Low	Mod/Good
RGT Planet	R	S	S-VS	S	MR-MS	MR	Malt	Good	Good	Medium	Low	Fair
Fathom	MR-MS	MS-S	MR	S	MR-MS	MS	Feed	Good	Good	Med/Tall	Medium	Good

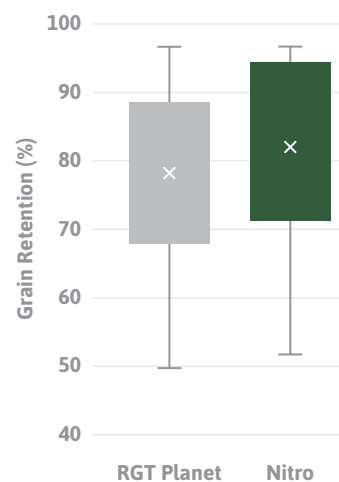
SCREENING



TEST WEIGHT



GRAIN RETENTION



Data Source: AMPS Research Inc

SUMMARY

Nitro barley is a feed variety that has excellent top end yield potential where target yields are above 4 t/ha. It provides an alternative to RGT Planet with similar performance where achieved yields are greater than 6 t/ha, but provides a significant advantage over RGT Planet where achieved yield drop below 4 t/ha. In addition, it provides an improved test weight, retention and screening when compared to RGT Planet, especially when the yield potential drops or in a tougher seasonal finish. In northern NSW, optimum planting times are similar to RGT Planet with best yield being achieved from late April to mid May plantings depending on your frost risk.

END POINT ROYALTY

Nitro Barley is subject to an end point royalty of \$3.60/tonne GST Exclusive.

For more information contact your local Amps Agribusiness retailer



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