

VIXEN[®] PBR

AUSTRALIAN HARD

AH

ALTERNATIVE TO:

LRPB HELLFIRE[®] LRPB SPITFIRE[®]
SUNCHASER[®] LRPB MUSTANG[®] SUNTOP[®]



FARMER TO FARMER
TRADE APPROVED



NORTHERN ZONE 2020
(NORTHERN NSW/QLD)



Variety Overview

VIXEN[®] is a high yielding, quick-mid maturing (similar to SPITFIRE[®]) AH wheat recently classified in the Northern region. VIXEN[®] offers a significant yield advantage, on average, compared to SPITFIRE[®] (approx. 12%*) in Northern NSW. VIXEN[®] yields similarly to SUNCHASER[®], on average, based on NVT MET yield performance*.

VIXEN[®]'s maturity is ideally suited to sowing from mid-May onwards. With the amount of LANCER[®] (mid-long) grown in wheat programs, VIXEN[®] provides a true varietal opportunity to vary plantings, spreading flowering windows during critical spring stress periods.

In addition to the variety's stand-out national yield performance it offers good stripe (MRMS) and stem (MRMS) rust and yellow leaf spot (MRMS) resistance. VIXEN[®] has strong physical grain characteristics. It has an adequate grain size and hectolitre weight. VIXEN[®] also has a short plant height and good straw strength providing a level of lodging tolerance, which may be an advantage in higher yielding environments.

VIXEN[®] is available from local Seedclub members and resellers and is approved for farmer to farmer trade.

A cunning variety for those looking to win the quick-mid spring, AH wheat race.

Variety at a glance



EXCEPTIONAL YIELD



GOOD YELLOW LEAF SPOT RESISTANCE (MRMS)



GOOD STRIPE RUST RESISTANCE (MRMS)



MATURITY: QUICK SPRING



GOOD P. NEGLECTUS RESISTANCE



GOOD GRAIN SIZE

For more information please contact:

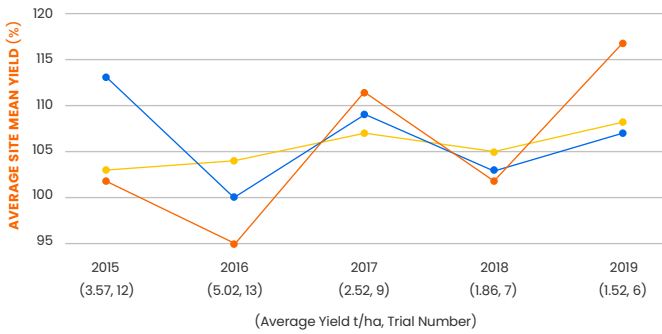
Katherine Munn ☎ 0436 801161 @ kmunn@intergrain.com

PLANT FEATURES & DISEASE

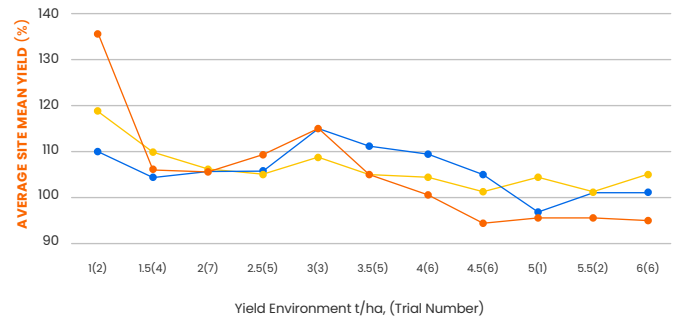
Variety	Variety Features					Disease									
	Northern Classification	Maturity	Coleoptile	Plant Height	Lodging Tolerance	Stripe Rust*	Stem Rust	Leaf Rust	Yellow Leaf Spot	Crown Rot	Black Point	P. Thornei Tolerance	P. Thornei Resistance	P. Neglectus Tolerance	P. Neglectus Resistance
VIXEN [®]	AH	Quick	Medium	Short	MR	MRMS	MRMS	SVS	MRMS	S	MSS	I	MS	MT	MRMS
LRPB SPITFIRE [®]	APH	Quick	Long	Medium	MR-MS	MR	MR	MSS	MSS	MS	MSS	MTMI	MS	MTMI	MSS
SUNTOP [®]	APH	Mid	Long	Tall	MR-MS	MRMS	MRMS	MR	MSS	MSS	MSS	TMT	MRMS	MT	S
LRPB MUSTANG [®]	APH	Quick		Short	MR	RMR	MRMS	MSS	MSS	MSS	MS	MTMI	MSS	MI	S
LRPB HELLFIRE [®]	APH	Quick-Mid	Medium	Short	MR	MR	MR	MSS	MS	MSS(p)	MS	MI	MSS	-	S
SUNCHASER [®]	APH	Mid	Medium		MR-MS	MR	MR	R	MS	MSS(p)	MS	TMT	MSS	-	S

Source: 2019 NVT Pathology consensus disease ratings. 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, () = Higher disease at some sites, p = provisional rating. **Variety Features** Source: InterGrain wheat breeding and 2019 NSW Winter Crop Sowing Guide. * Based on 2015-19 Northern NSW NVT Long-term Main Season % Yield Performance, average of 2015-19 annual yield results.

NORTHERN NSW – YIELD PERFORMANCE



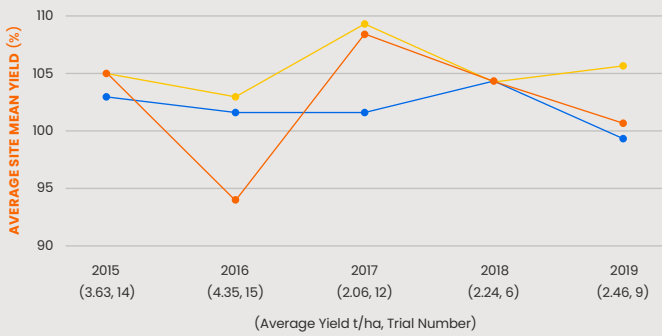
2015–19 Northern NSW main season predicted NVT MET yield performance, represented annually as a % of average site mean yield
(Data accessed from the NVT Online website on 07/05/2020.)



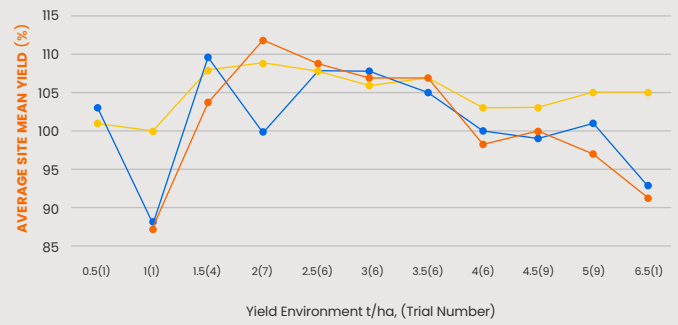
2015–19 Northern NSW main season predicted NVT MET yield performance, represented by yield environment as a % of site mean yield
(Brackets indicate number of trials)
(Data accessed from the NVT Online website on 07/05/2020.)

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QUEENSLAND – YIELD PERFORMANCE



2015–19 QLD main season predicted NVT MET yield performance, represented annually as a % of average site mean yield
(Data accessed from the NVT Online website on 07/05/2020.)

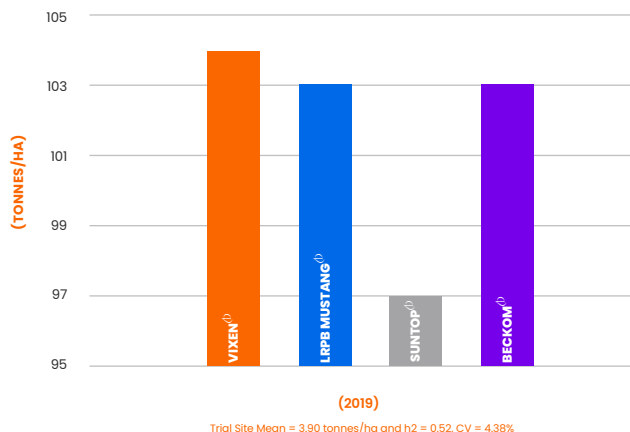


2015–19 QLD main season predicted NVT MET yield performance, represented by yield environment as a % of site mean yield
(Brackets indicate number of trials)
(Data accessed from the NVT Online website on 07/05/2020.)

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CASE STUDY

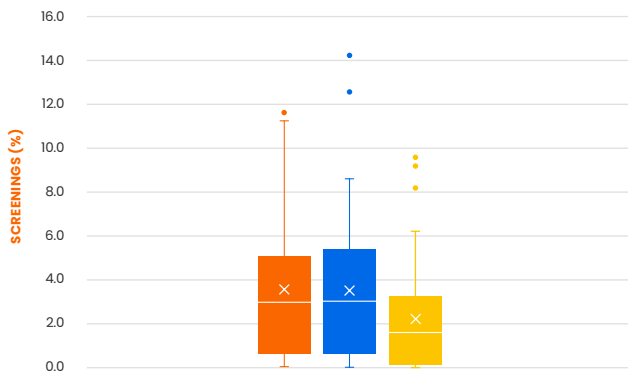
2019 INTERGRAIN TRIAL SITE: BROOKSTEAD



The 2019 Brookstead site was dry sown on the 25th of May and irrigated to provide a uniform germination. Prior to sowing the grey-black clay loams soils were very dry and cloddy following several months of dry weather, making irrigation necessary. The paddock had good stubble cover from a barley crop in 2018, and some residual nitrogen from a chickpea crop in 2017. Predicta-B results collected from the site prior to sowing showed low levels of *P. thornei* in the soil. Brookstead received 170mm of annual rainfall, with 50mm of this growing season rainfall. Partial irrigation by lateral overhead was required to ensure the crop was able to finish.

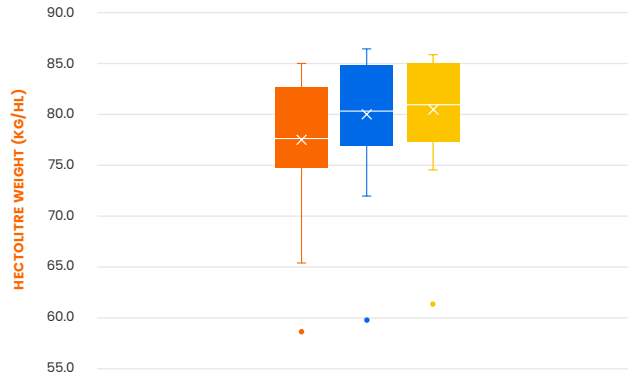
GRAIN QUALITY

SCREENINGS



2018-19 NVT Screenings (%)
(Data accessed from the NVT Online website on 12/03/2020.)

HECTOLITRE WEIGHT



2018-19 NVT Hectolitre Weight (kg/hl)
(Data accessed from the NVT Online website on 12/03/2020.)



SEED AVAILABILITY

Seed is available through farmer to farmer trade, your local reseller or Seedclub member.

For more information please contact:

Katherine Munn ☎ 0436 801 161 @ kmunn@intergrain.com

PBR/EPR

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