



FARMER TO FARMER TRADE
APPROVED

NORTHERN ZONE 2021
(NORTHERN NEW SOUTH WALES/
QUEENSLAND)



VIXEN 

AUSTRALIAN HARD (AH)

ALTERNATIVE TO:

LRPB HELLFIRE[Ⓛ]

LRPB SPITFIRE[Ⓛ]

SUNCHASER[Ⓛ]

LRPB MUSTANG[Ⓛ]

SUNTOP[Ⓛ]

**A CUNNING QUICK WHEAT
FOR THOSE LOOKING FOR A
TOP AH PERFORMER!**

FOR MORE INFORMATION PLEASE CONTACT:

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VARIETY OVERVIEW

VIXEN[®] is a high yielding, quick maturing (similar to LRPB Spitfire[®]) Australian Hard (AH) wheat in the Northern region.

VIXEN[®] offers a significant yield advantage, on average, compared to LRPB Spitfire[®], approx. 17-18%* in 2016-20 Northern NSW Main Season NVT predicted MET yield data and approx. 8-12%* in 2016-20 QLD Main Season NVT predicted MET yield data.

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

In addition to the variety's stand-out national yield performance it offers good stripe (MRMS), 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.

VARIETY AT A GLANCE



EXCEPTIONAL YIELD



GOOD YELLOW LEAF SPOT RESISTANCE (MRMS)



GOOD STRIPE RUST RESISTANCE (MRMS)



QUICK SPRING MATURITY



GOOD P. NEGLECTUS RESISTANCE (MRMS)



GOOD GRAIN SIZE

*Based on 2016-20 QLD & NSW predicted NVT Long-term Main Season % Yield Performance, average of 2016-20 annual yield and yield environment results.

PLANT FEATURES

VARIETY	VIXEN [®]	BORLAUG 100 [®]	LRPB SPITFIRE [®]	SUNTOP [®]	LRPB MUSTANG [®]	LRPB HELLFIRE [®]	SUNCHASER [®]
Classification	AH	Not classified	APH	APH	APH	APH	APH
Maturity	Quick	Quick-Mid	Quick-Mid	Mid	Quick-Mid	Quick-Mid	Mid
Plant Height	Short	-	Medium	Tall	Short-Medium	Short	Medium-Tall
Lodging Tolerance	MR	-	MRMS	MRMS	MRe	MRe	MRMS

Source: 2021 NSW Crop Sowing Guide, 2021 Queensland Winter Crop Sowing Guide and InterGrain Wheat Breeding. Maturity based on mid-May planting.

DISEASE RATINGS

VARIETY	VIXEN [®]	BORLAUG 100 [®]	LRPB SPITFIRE [®]	SUNTOP [®]	LRPB MUSTANG [®]	LRPB HELLFIRE [®]	SUNCHASER [®]
Stripe Rust ^a	MRMS/SVSp	MSS	MR	MRMS	RMR	MR	RMR
Stem Rust	MRMS	MR	MR	MRMS	MRMS	MR	MR
Leaf Rust	SVS	MR	S	MR	MSS	MSS	R
Yellow Leaf Spot	MRMS	MRMS	MSS	MSS	MSS	MSS	MS
Crown Rot	S	MSS	MS	MSS	MSS	MSS	MSS
Black Point	MSS	MSS	MSS	MSS	MS	MSS	MRMS
P. Thornei Tolerance	I	T	MTMI	TMT	MTMI	MI	MT
P. Thornei Resistance	MS	S	MS	MRMS	MSS	MSS	MSS
P. Neglectus Tolerance	MT	-	MI	MT	MI	TMT	MTMI
P. Neglectus Resistance	MRMS	S	MSS	S	S	MSS	MSS

Source: 2020 NVT Pathology consensus disease ratings. ^aRatings are based on Eastern states 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. Tolerance ratings: T = Tolerant, TMT = Tolerant to Moderately Tolerant, MT = Moderately Tolerant, MTMI = Moderately Tolerant to Moderately Intolerant, MI = Moderately Intolerant, MII = Moderately Intolerant to Intolerant, I = Intolerant, VI = Very Intolerant.

YIELD PERFORMANCE - NORTHERN NSW

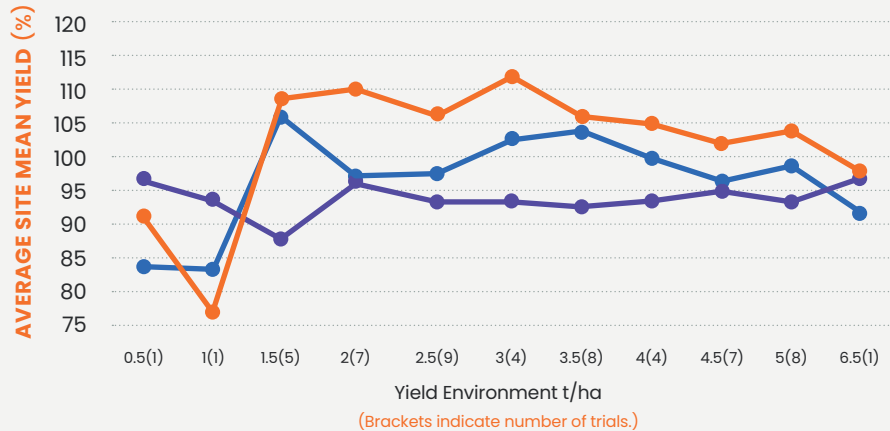


2016-20 Northern NSW main season NVT predicted MET yield performance, represented by yield environment as a % of site mean yield

(Data accessed from the NVT Online website on 08/04/2021.)

● VIXEN^d ● LRPB HELLFIRE^d ● LRPB MUSTANG^d ● LRPB SPITFIRE^d

YIELD PERFORMANCE - QLD



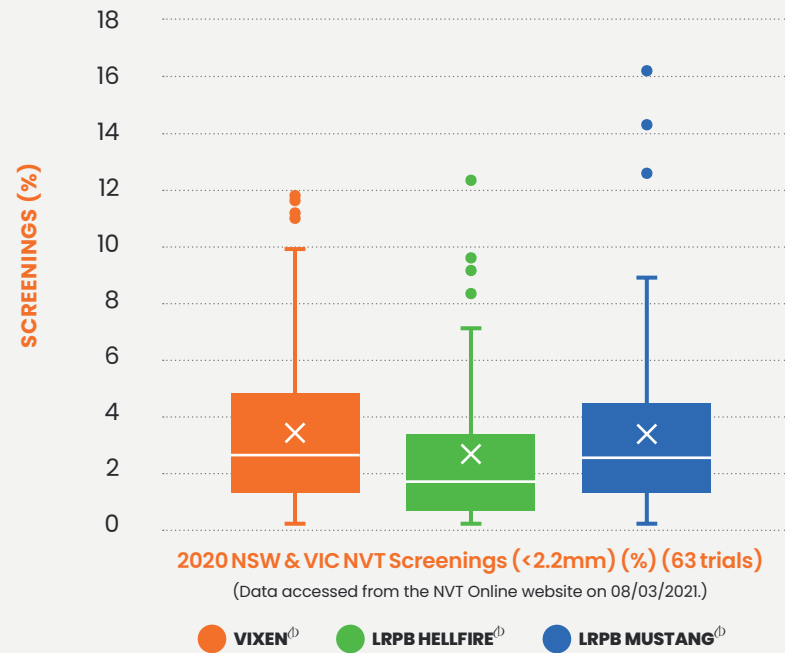
2016-20 QLD main season NVT predicted MET yield performance, represented by yield environment as a % of site mean yield

(Data accessed from the NVT Online website on 08/04/2021.)

● VIXEN^d ● LRPB MUSTANG^d ● LRPB SPITFIRE^d

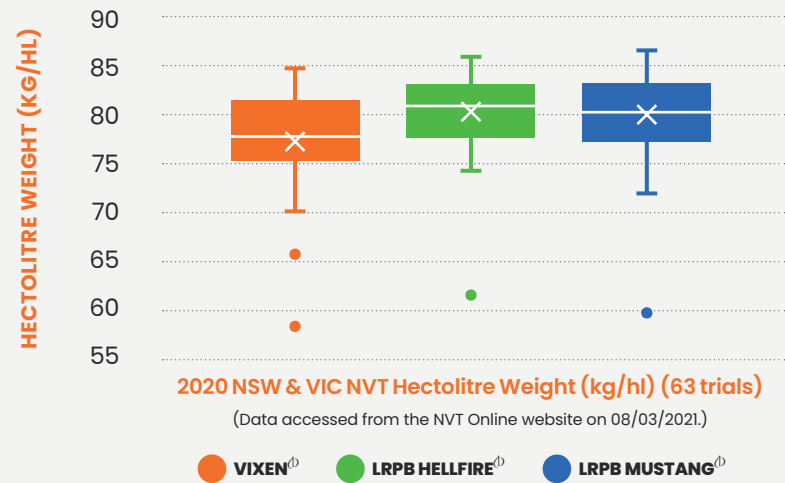
GRAIN QUALITY

SCREENINGS



● VIXEN^d ● LRPB HELLFIRE^d ● LRPB MUSTANG^d

HECTOLITRE WEIGHT



● VIXEN^d ● LRPB HELLFIRE^d ● LRPB MUSTANG^d

For more information please contact:

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PBR/EPR

VIXEN[®] is protected by Plant Breeder's Rights and is subject to an end point royalty of \$3.50/tonne GST Exclusive. VIXEN[®] is an InterGrain variety bred by Dr Dan Mullan and the InterGrain wheat breeding team.

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



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