

PRODUCT PROFILE: AUSTRALIAN NOODLE WHEAT (ANW) WESTERN AUSTRALIA 2018

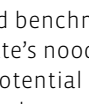
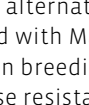
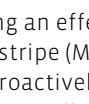


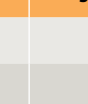








WA's highest yielding ANW, with mid-season maturity and good yellow spot resistance.

KEY FEATURES

- > WA's highest yielding ANW (yield comparable to Scepter)
- > Yields on average, exceeding Mace by 5-6% across WA's noodle growing regions
- > Mid-season maturity, complementary to Zen and other mid-long varieties
- > Robust disease package, including excellent yellow spot resistance
- > Possesses good physical grain quality

VARIETY OVERVIEW

Ninja  is WA's noodle yield benchmark, with yields on average comparable to Scepter  across the state's noodle growing regions. This significant yield advantage, coupled with potential noodle premiums, provides growers with a highly profitable varietal alternative. Ninja  is a mid-season ANW with its best performance observed with May sowings. The variety has been a stand-out performer within InterGrain breeding trials and NVT over the last few years. Ninja  has a robust disease resistance package, including good yellow spot resistance (MRMS) providing an effective level of resistance for wheat on wheat rotations. It has moderate stripe (MS) and good leaf (MS) rust resistance although stem rust will need to be proactively managed when disease pressure is present. Ninja  has very good udon noodle qualities with an improvement in colour and elasticity when compared to Calingiri . The variety also has good physical grain qualities, exhibiting good grain size (low screenings) and hectolitre weight.

DISEASE	Leaf Rust	Stem Rust	Stripe Rust	Yellow Leaf Spot	Powdery Mildew
Ninja 	MS#	SVS	MS	MRMS	SVS
Calingiri 	MS#	S	S	MSS	S
LRPB Havoc 	RMR	S	MR	MRMS	MSp
Zen 	MRMS#	S	MRMS	MRMS	S
Mace 	MR	MR	MR	MRMS	SVS
Scepter 	MR	MR	MR	MRMS	SVS



Source: 2017 NVT disease ratings. All diseases ratings for WA disease pathotypes.

Disease data reference: R = Resistant, MR = Moderately Resistant, MS = Moderately Susceptible, S = Susceptible, VS = Very Susceptible. * Pathotype dependent, () = Higher disease at some sites, p= provisional rating and - not available. # May be more susceptible to leaf rust pathotype.

SEED AVAILABILITY

Seed is available from registered InterGrain Seedclub members or your local reseller. Farmer to farmer trading approved. For more information please contact Kynan Jackson on **0427 855 059** or **kjackson@intergrain.com**

PLANT BREEDER'S RIGHTS

Ninja  is protected by Plant Breeder's Rights and is subject to an end point royalty of \$4.00/tonne GST Exclusive. Ninja  is an InterGrain variety bred by Daniel Mullan and the wheat breeding team.

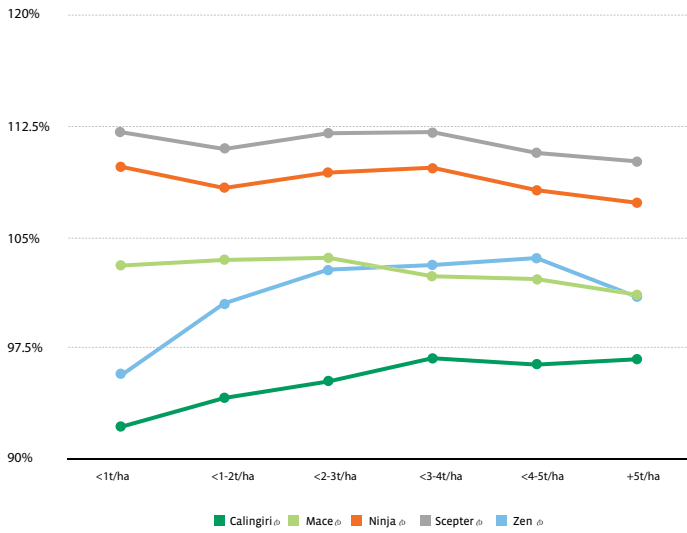
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YIELD PERFORMANCE

2013-2017 NVT WA MET

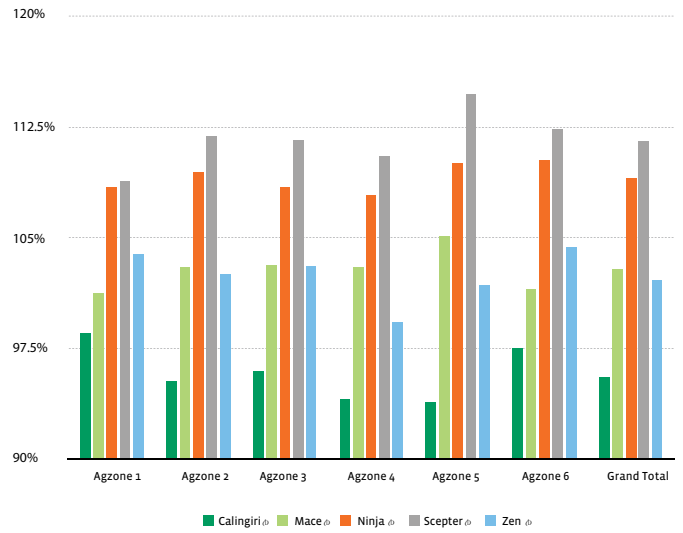
Site Mean Yield %

Yield Environment t/ha



2013-2017 NVT MET WA

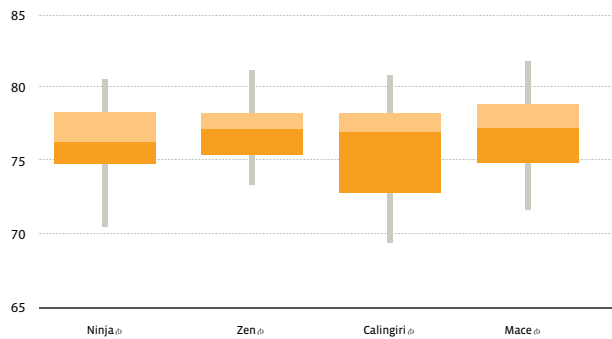
Site Mean Yield %



HECTOLITRE WEIGHT

Ninja has a good hectolitre weight, consistently exceeding 76kg/hl

Kg/hl

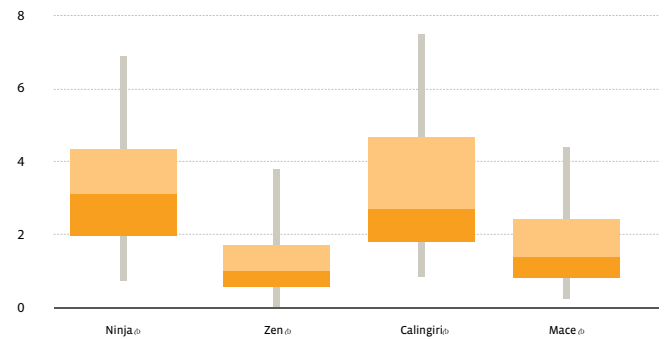


2015 WA NVT hectolitre weight averages

GRAIN QUALITY

Ninja has good grain size, comparable to Calingiri

Screenings %



2015 WA NVT Screenings averages