

Intrigue[®]



AGT

- High yields relative to other varieties in moisture stressed situations or in the presence of crown rot
- Good stem, stripe and leaf rust resistance
- Good physical grain quality package, with low screenings and very high test weights
- Mid-slow maturity, maintains yield potential across planting dates
- APH quality classification

Breeder's comments

Crown rot is one of the most difficult diseases for growers to manage in the northern region. One of our challenges in breeding has been to offer varieties that maintain yield in the presence of crown rot. Intrigue[®] does just that, providing market leading yields in crown rot affected and moisture stressed environments.

AGT trials at Narrabri under high crown rot pressure has shown Intrigue[®] as the standout performer relative to other commonly grown varieties in the mid-slow maturity window. Intrigue[®] has also performed consistently well across both early sown and main season NVT's throughout the northern region, highlighting its wide adaptation and planting window. However, its very best performance has been in tougher, lower yielding situations.

Intrigue[®] is a perfect complement to the newly released varieties Sundancer[®] and AGT-Kudos[®]; with both serving as direct LRPB Lancer[®] replacements with wide adaptation and very high yields.

We also view Intrigue[®] as a higher yielding alternative to LRPB Lancer[®], LRPB Raider[®] and LRPB Stealth[®], particularly in tougher environments. Intrigue[®] has an APH quality classification in northern NSW/QLD, with very high test weight and low screenings, a tall plant type, and a very good disease resistance package; with performance in the presence of crown rot its major feature.

Table 1. Specifications

Background

Tested as	SUN1081A
Released	2024
EPR rate	\$4.00/tonne + GST

Disease

Stem Rust resistance*	MR
Stripe Rust resistance*	MR
Leaf Rust resistance*	MRMS
Yellow Leaf Spot resistance*	MRMS
Septoria Tritici Blotch resistance*	MSS
Pratylenchus Thornei resistance*	MRMS
Pratylenchus Thornei tolerance*	TMT
Crown Rot resistance*	MSS

Plant Characteristics

Maturity speed^	Mid-slow
Maturity habit^	Spring
Sowing window^	Early & Main
Novel herbicide tolerance^	None (conventional tolerance)
Head type^	Awned
Plant height^	Moderately tall-tall
Coleoptile length^	Moderate
Lodging tolerance^	MI

Abiotic Stress

Boron tolerance^	Does not carry tolerance gene
Acid/aluminium tolerance^	Does not carry tolerance gene

Grain Quality

Quality classification	APH
Grain colour	White
Screenings level^	Low
Test weight^	Very high
Sprouting tolerance^o	MII
Black Point resistance*	S

Legend

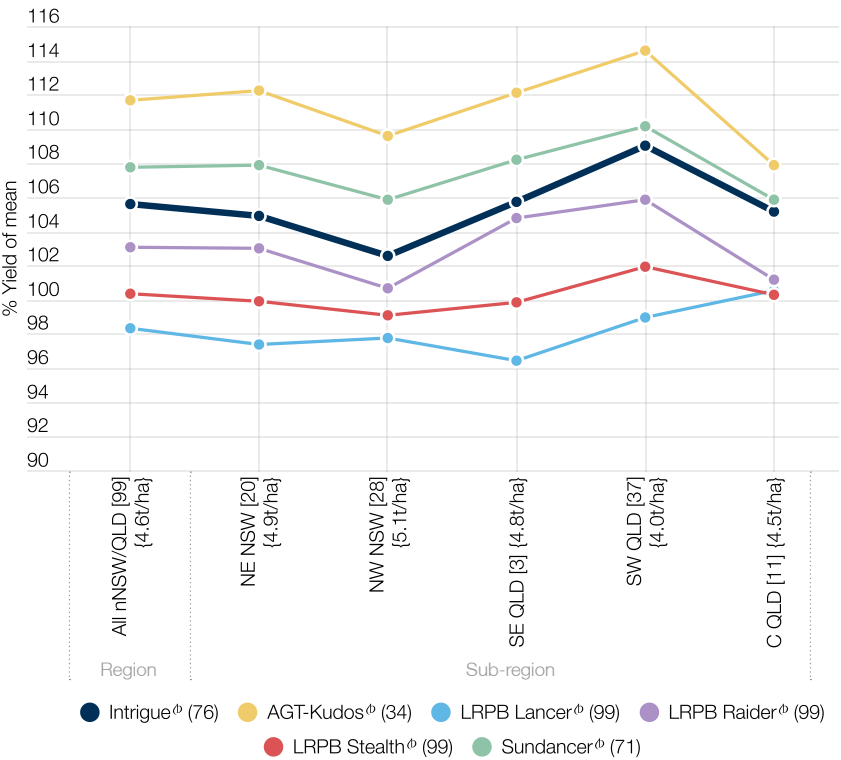
R	Resistant	VI	Very Intolerant	o	Rating based on Germination Index Values
MR	Moderately Resistant	(P)	Provisional rating		
MS	Moderately Susceptible	NA	Not Available	^	AGT ratings/data interpretation. Comprehensive AGT agronomic trait ratings and data can be found at: https://bit.ly/Traits_2026
S	Susceptible	/	Pathotype differences		
VS	Very Susceptible	-	Range		
T	Tolerant	,	Mixed phenotype		
MT	Moderately Tolerant	#	May be more susceptible to alternate pathotypes		
MI	Moderately Intolerant	*	NVT consensus ratings 2026		
I	Intolerant				

Grain yield

In early sown NVT trials, Intrigue[®] has performed competitively relative to high performing varieties AGT-Kudos[®] and Sundancer[®], and much higher than the widely grown LRPB Lancer[®] (Figure 1).

While Intrigue[®] has a mid-slow maturity, traditionally more suited to early season planting, it has performed exceptionally relative to other varieties with similar maturity in main season trials (Figure 2), confirming its wide adaptation and planting window.

Figure 1. Grain yield of Intrigue[®] versus comparators across northern NSW/QLD - NVT early sown trials



Source: Best linear unbiased predictions from NVT long term MET analysis, early sown trial series 2021-2025

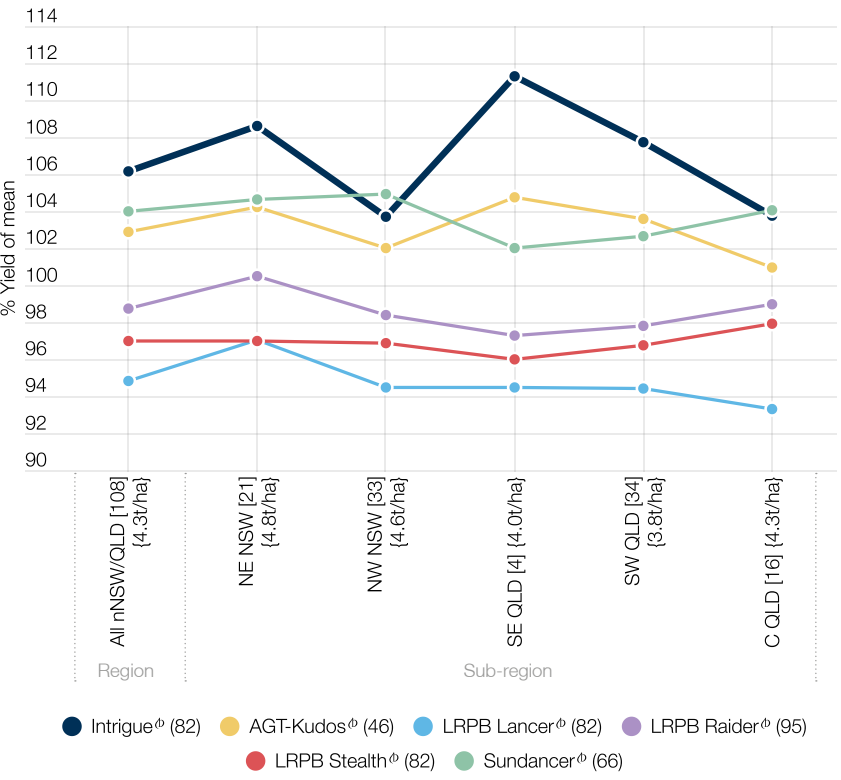
[] : Total number of trials per region

() : Number of trials that each variety was present in across the dataset

{ } : Region mean

Grain yield

Figure 2. Grain yield of Intrigue[®] versus comparators across northern NSW/QLD - NVT main season trials



Source: Best linear unbiased predictions from NVT long term MET analysis, main season trial series 2021-2025

[] : Total number of trials per region

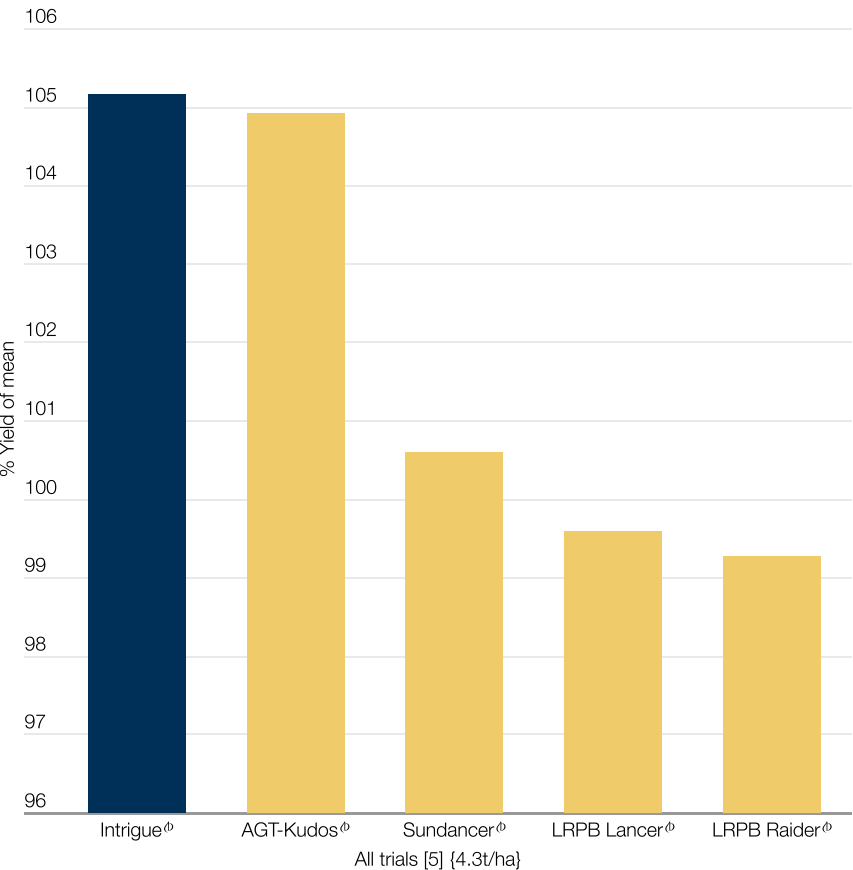
() : Number of trials that each variety was present in across the dataset

{ } : Region mean

Grain yield in the presence of crown rot

Long term crown rot trials show that Intrigue[®] has demonstrated an ability to maintain yield in the presence of crown rot, and tolerance to terminal drought stress; offering a clear advantage over varieties of a similar maturity (Figure 3).

Figure 3. Grain yield of Intrigue[®] versus comparators under crown rot pressure - AGT trials



Source: AGT MET analysis, crown rot yield trials, Narrabri NSW 2020, 2021, 2023, 2024, 2025

[] : Total number of trials

{ } : Trial mean

Note: Average PreDicta B[®] level recorded at trial locations across years = 4.6 (log Fusarium DNA/g soil). A level above 2.0 is considered high.

Variety comparisons

Intrigue[®] has an APH quality classification with excellent physical grain quality. It has low screenings and class leading test weight.

Intrigue[®] is a taller variety, perhaps one of the reasons for its adaptation to drought stress.

Table 2. Variety comparisons

	Intrigue [®]	AGT-Kudos [®]	LRPB Lancer [®]	LRPB Raider [®]	LRPB Stealth [®]	Sundancer [®]	
Disease	Stem Rust resistance*	MR	RMR	R	RMR	R	MR
	Stripe Rust resistance*	MR	MRMS	RMR	MR	RMR	MR
	Leaf Rust resistance*	MRMS	MRMS	RMR	RMR	RMR	RMR
	Yellow Leaf Spot resistance*	MRMS	MS	MS	MSS	MS	MS
	Septoria Tritici Blotch resistance*	MSS	S	MSS	S	MSS	MSS
	Pratylenchus Thornei resistance*	MRMS	MR (P)	MS	MS	S	MS
	Pratylenchus Thornei tolerance*	TMT	T (P)	TMT	TMT	MTMI	MTMI
	Crown Rot resistance*	MSS	MSS (P)	MSS	S	MSS	MSS
Plant Characteristics	Maturity speed^	Mid-slow	Slow	Mid-slow	Slow	Mid-slow	Mid-slow
	Maturity habit^	Spring	Spring	Spring	Spring	Spring	Spring
	Sowing window^	Early & Main	Early	Early & Main	Early	Early & Main	Early & Main
	Novel herbicide tolerance^	None (conventional tolerance)	None (conventional tolerance)	None (conventional tolerance)	None (conventional tolerance)	None (conventional tolerance)	None (conventional tolerance)
	Head type^	Awned	Awned	Awned	Awned	Awned	Awned
	Plant height^	Moderately tall-tall	Moderately short	Short-moderately short	Moderately short	NA	Moderate
	Coleoptile length^	Moderate	Short	Moderate	Short	NA	Moderate
	Lodging tolerance^	MI	MT	MTMI	MI	NA	MTMI
Abiotic Stress	Boron tolerance^	Does not carry tolerance gene	Does not carry tolerance gene	Does not carry tolerance gene	Does not carry tolerance gene	Does not carry tolerance gene	Does not carry tolerance gene
	Acid/aluminium tolerance^	Does not carry tolerance gene	Does not carry tolerance gene	Does not carry tolerance gene	Does not carry tolerance gene	Does not carry tolerance gene	Does not carry tolerance gene
Grain Quality	Quality classification	APH	APH	APH	APH	APH	APH
	Grain colour	White	White	White	White	White	White
	Screenings level^	Low	Low	Low	Moderate	NA	Low
	Test weight^	Very high	Moderate	High	Very low	NA	Moderate
	Sprouting tolerance^o	MII	MII	MII	I	NA	I
	Black Point resistance*	S	NA	MRMS	MSS	MRMS	S



Seed Availability

Please contact an AGT Affiliate or your local retailer for seed. Consult the AGT website for AGT Affiliate contact details (www.agtbreeding.com.au/affiliates). AGT varieties can be traded between growers upon the completion of a License Agreement as part of AGT's Seed Sharing™ initiative (www.agtbreeding.com.au/seedsharing)

PBR and EPR

Varieties denoted by the ® symbol are protected by Plant Breeders Rights (PBR) and all production (except seed saved for planting) is liable to an End Point Royalty (EPR), which funds future plant breeding. Growers of PBR protected varieties will be subject to a Grower License Agreement that acknowledges that an EPR must be paid on all production other than seed saved for planting.

Contact

Douglas Lush, Variety Support Manager, northern NSW/QLD:

0407 177 029

AGT End Point Royalty team:

(08) 7111 0201

agtbreeding.com.au

The information contained in this brochure is based on knowledge and understanding at the time of writing. Growers should be aware of the need to regularly consult with their advisors on local conditions and currency of information. Wherever possible, independent NVT data has been used in this publication. In the absence of NVT data, AGT data has been provided.