

NEW**New South Wales****trialled as LPB07-1325****KEY FEATURES**

- A quick maturing variety, AH classification in NSW with potential upgrade in early 2013
- Quicker than Crusader and well suited to late plantings
- Solid grain package with consistent high protein accumulation
- Solid Stripe rust resistance package based on APR
- Very good resistance to Stem rusts (R-MR) and Leaf rust (R-MR)
- Low to mid tillering plant type that performs well in tight or shorter seasons
- Very good Yellow leaf spot protection rated (MR-MS)

BREEDING Pedigree: Sunbrook/Jaz//Kukri

Dart (LPB07-1325) was bred by LongReach Plant Breeders, and has been extensively evaluated by the LongReach Plant Breeders technical team led by Dr Bertus Jacobs. The line was first entered into the National Variety Trials in 2010.

AGRONOMIC FEATURES

Dart is suited to main season planting windows with very quick maturity, earlier than Crusader, Spitfire and Livingston in NSW.

Dart shows broad adaptation and has performed well in a range of seasons and environments across NSW and southern Queensland. Dart has long Coleoptile length with good early seedling vigour, it has short to medium plant height at maturity similar to Sunvale.

Dart has good protein accumulation similar to varieties such as Ellison and Spitfire.

Table 2. Disease and Pest Resistance Ratings: Dart and commercial varieties.

Variety	Disease Ratings							Pest Reaction	
	Stem Rust	Leaf Rust	Stripe Rust	Stripe Rust	<i>Septoria tritici</i>	Crown Rot	Yellow Spot	RLN (<i>Pthoraei</i>)	
			WA/Jackie	WA + Yr17 pt				Res	Tol
Carinya	R-MR	R	R	MR-MS	MR-MS	S-VS	S	VS	MI-I
Dart	R-MR	R-MR	MR*	MR*	MS*	MS-S*	MR-MS*	MS-S*	MI-I
Ellison	MR	R	R	MS	MS-S	S-VS	MR-MS	S	I-VI
Lang	R	MR-MS	MS	MS	MS	MS-S	MS-S	S-VS	I
Livingston	MR-MS	R	R	MR-MS	S	S-VS	MS	MR-MS	MT-MI
Merinda	R-MR	R	R-MR	MR-MS	MS	S-VS	MS-S	MS-S	MI
Sunvale	R	MR-MS	R	MR	MR-MS	MS-S	MS-S	MS-S	MT-MI
Ventura	R-MR	R	R	MS-S	MS	MS	S	MS	MT-MI

Resistance rating: VS=Very Susceptible, S=Susceptible, MS=Moderately Susceptible, MR=Moderately Resistant

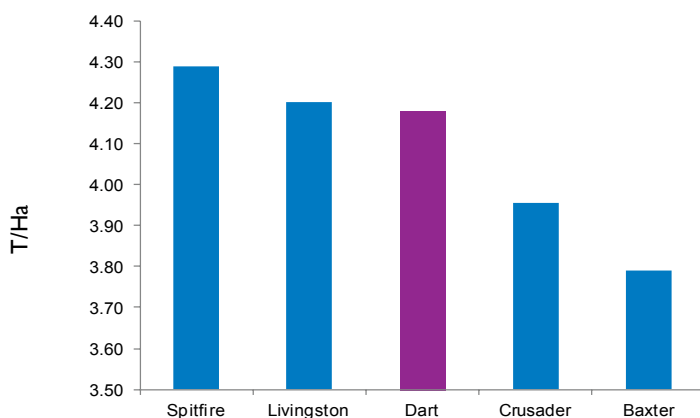
R=Resistant. Tol Rating - T =Tolerant, MT=Moderately Tolerant, MI =Moderately Intolerant, I = Intolerant, VI =Very Intolerant

Data sourced NSW DPI 2012, LongReachPlant Breeders * Preliminary Data Based on limited data set

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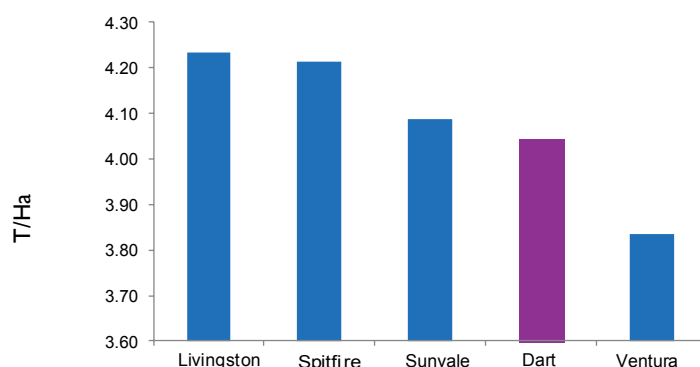


DartYield in Northern NSW LongReach and NVT long term trials (2010 & 2011)



Data sourced from 26 Northern NSW Main Season NVT and LongReach Elite Main season trials

DartYield in Southern NSW LongReach and NVT long term trials (2010 & 2011)



Data sourced from 43 Southern NSW Main Season NVT and LongReach Elite Main season trials

New South Wales

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Moree, NSW
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Auswest Seeds
Forbes, NSW
Ph: 02 6852 1500

Hart Bros. Seeds
Junee, NSW
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Superior Seed Co
Deniliquin, NSW
Ph: 03 5881 6689

Queensland

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Toowoomba, QLD
Ph: 07 4633 5555

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Goondiwindi, QLD
Ph: 07 4670 0400



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