



KEY FEATURES

- Consistent high yields in main and later season sowings
- Quick maturity, comparable with H45 and Ventura
- Australian Prime Hard (APH) classification in Northern NSW and Queensland
- Good resistance to current pathotypes of Stem and Leaf Rusts
- Good level of resistance to Yellow Leaf Spot (MR-MS)
- Strong straw, with good lodging resistance (R)

BREEDING

Pedigree: Sunbrook / H45

Crusader (LPB03-1073) was bred from a cross made by Dr Lindsay O'Brien in the Solheimar Breeding Program. Since 2002, the variety has been developed and extensively evaluated by the LongReach Plant Breeders technical team led by Dr Bertus Jacobs. It was first entered in NVT in 2006

MATURITY

Crusader is a quick variety with maturity similar to Ventura and H45 and slightly quicker than Baxter. Crusader is extremely well adapted to main and later season sowings.

GRAIN QUALITY AND PLANT CHARACTERISTICS

Crusader has a final classification of Australian Prime Hard (APH) in Northern NSW and in Queensland. Crusader meets the requirements of both domestic and export markets, it produces grain of medium size and low screenings in tight finishing seasons and has excellent milling quality. Crusader has good resistance to shattering (R-MR).

TABLE I. DISEASE RATINGS FOR CRUSADER AND COMMERCIAL VARIETIES

Variety	Stem Rust	Leaf Rust	Stripe Rust (WA pt)	Stripe Rust (WA+Yr17)	Crown Rot	RLN (P.thornei)	Yellow Leaf Spot	Black Point
Crusader	R-MR	R	R	MS	MS	MI-I	MR-MS	MR
Ventura	R-MR	R	R	MS-S	MS-S	MT-MI	S	MR-MS
Sunvale	R	MR-MS	R	MR	MS-S	MT-MI	MS-S	R-MR
Sunstate	MR	R	R	MS-S	S	MT-MI	MS-S	MR-MS
Sunco	R	MR	MR-MS	MR-MS	MS	I-VI	MS-S	R-MR
Baxter	R-MR	MR	MS-S	MS-S	MS	MT-MI	S	MS
Lang	R	MR-MS	MS	MS	MS-S	I	MS-S	R-MR

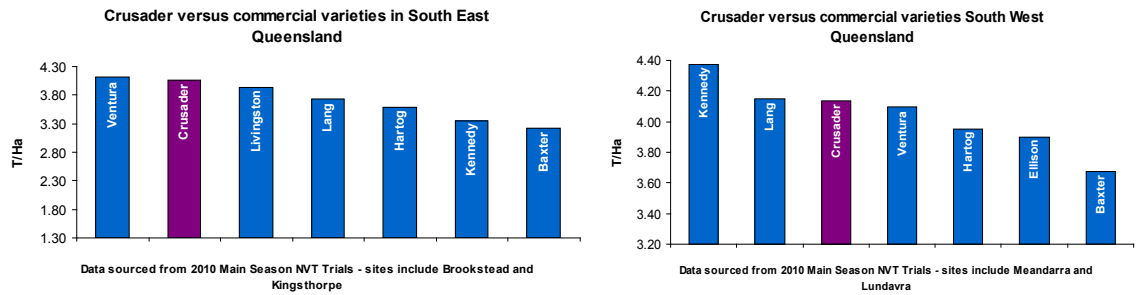
Resistance Rating: **VS** Very Susceptible, **S**-Susceptible, **MS** Moderately Susceptible, **MR** Moderately Resistant, **R** Resistant.

* Indicates greater level of disease may occur with inoculum pressure at early growth stages.

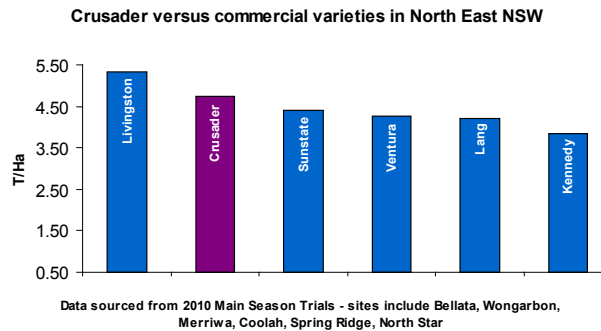
Tolerance Rating: **VI** Very Intolerant, **I** Intolerant, **MI** Moderately Intolerant, **MT** Moderately Tolerant, **T** Tolerant, **VT** Very Tolerant

Data provided by QLD DEEDI 2012, LongReach Plant Breeders 2011 and NSW DPI Winter Crop Variety Sowing Guide 2012.

Yield Performance – Queensland



Yield Performance – New South Wales



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