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KEY FEATURES

- Short season variety that is well suited to main and later season sowings
- Quick maturity, comparable with H45 and Ventura
- Australian Prime Hard (APH) classification in Northern Zone and South Eastern Zone
- Good resistance to current pathotypes of Stem and Leaf Rust
- Strong Straw, with good lodging resistance

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. The line was first entered into the National Variety Trials in 2006.

AGRONOMIC FEATURES

Crusader is a quick variety with maturity similar to Kennedy and Sunstate in the north and H45 and Ventura in the south. Crusader is extremely well adapted to main and later season sowings in New South Wales and Queensland.

Crusader shows broad adaptation and has performed well in a range of seasons and environments across Northern NSW and Southern Queensland. Crusader has very good straw strength and lodging resistance and is suitable to be grown under irrigation. It produces grain of medium size and low screenings in tight finishing seasons and has excellent milling quality

Disease and Pest Resistance Ratings: Crusader and commercial varieties.									
Variety	Disease Ratings							Pest Reaction	
	Stem Rust	Leaf Rust	Stripe Rust	Stripe Rust	Septoria tritici	Crown Rot	Yellow Spot	RLN (<i>P.thornei</i>)	
			WA/Jackie	WA + Yr17 pt				Res	Tol
Crusader	R-MR	R	R-MR	MS	S	S	MS	S-VS	MI-I
Dart	MR	R-MR	MR	MR	MS-S	MS-S	MR-MS	MS-S	MI
Ellison	MR	R	R	MS	MS-S	S-VS	MR-MS	S	I-VI
Lang	R	MR-MS	MS	MS	MR-MS	MS-S	MS-S	S-VS	I
Livingston	MR-MS	R	R	MR-MS	S-VS	S-VS	MS	MS	MT-MI
Spitfire	MR	MS	MR	MR	MS-S	MS	MS-S	MS	MT-MI
Sunvale	R	MR-MS	R	MR	MR-MS	MS-S	MS-S	MS	MT-MI
Ventura	R-MR	R	R	MS-S	MS-S	MS-S	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 2014 & LongReach disease screens and breeder ratings * Preliminary Data Based on limited data set

NVT MET analysis 2009-2013 for Main Season trials in NSW

New South Wales												
	North East NSW			North West NSW			South East NSW			South West NSW		
Variety	t/ha	%MY	Count	t/ha	%MY	Count	t/ha	%MY	Count	t/ha	%MY	Count
Baxter	3.24	87	26	2.81	90	30						
Crusader	3.52	95	35	3.00	96	39	3.16	88	39	3.09	90	28
Kennedy	3.32	89	23	2.85	92	24	3.38	94	25	3.24	95	17
Livingston	3.99	107	35	3.29	106	39	3.71	103	39	3.51	103	28
Spitfire	3.88	104	35	3.23	104	39	3.60	100	39	3.50	102	29
Ventura	3.71	100	35	3.20	103	39	3.42	95	39	3.29	96	28
Region Mean Yield	3.72		35	3.11		39	3.59		39	3.43		30

NVT MET analysis 2009-2013 for Main Season trials in Qld

Queensland									
	Central QLD			South East QLD			South West QLD		
Varieties	t/ha	%MY	Count	t/ha	%MY	Count	t/ha	%MY	Count
Baxter	3.33	100	20	3.76	100	11	2.90	97	25
Crusader	3.26	98	20	3.74	99	11	2.93	98	25
Kennedy	3.29	98	20	3.62	96	11	2.82	94	25
Livingston	3.28	98	19	3.89	103	11	3.10	103	25
Spitfire	3.40	102	20	3.88	103	11	3.10	103	25
Ventura	3.66	109	20	3.92	104	11	3.17	106	25
Region Mean Yield	3.35		20	3.78		11	3.00		25

New South Wales

Agrigrain Narrowmire, NSW Ph: 02 6889 2200	Auswest Seeds Moree, NSW Ph: 02 6751 1209	Auswest Seeds Forbes, NSW Ph: 02 6852 1500	Hart Bros. Seeds June, NSW Ph: 02 6924 7206	Superior Seed Co Deniliquin, NSW Ph: 03 5881 6689
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Queensland

PB Agrifood Toowoomba, QLD Ph: 07 4633 5555	Woods Seeds Pty Ltd Goondiwindi, QLD Ph: 07 4670 0400	Galleon Grains Pty Ltd Springsure, QLD Ph: 07 4984 6141	Associated Grain Dalby, QLD Ph: 07 4669 9500
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WHEAT

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