

# LRPB Gauntlet<sup>®</sup> Wheat

## Seed Fact Sheet



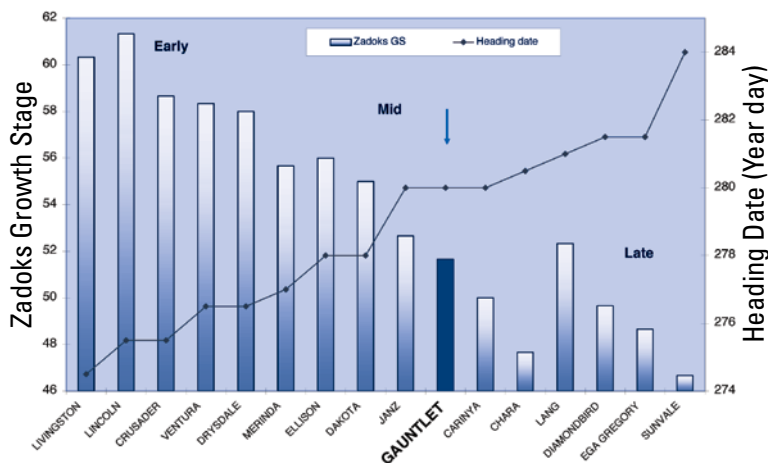
### Key Features

- ✓ An adaptable high yielding variety suited to NSW and northern Victoria.
- ✓ LRPB Gauntlet is a mid-long season variety and is an alternative to EGA Gregory and out yields other mid-long season varieties such as Janz, Lang and Sunvale
- ✓ LRPB Gauntlet has a final AH classification in northern and southern NSW
- ✓ LRPB Gauntlet has large grain size
- ✓ Suited to main season planting windows
- ✓ Good early vigour with medium length coleoptiles
- ✓ Has short to medium plant height at maturity
- ✓ Well suited to acid soils, with good yield performance in low pH soils



### Maturity Comparison

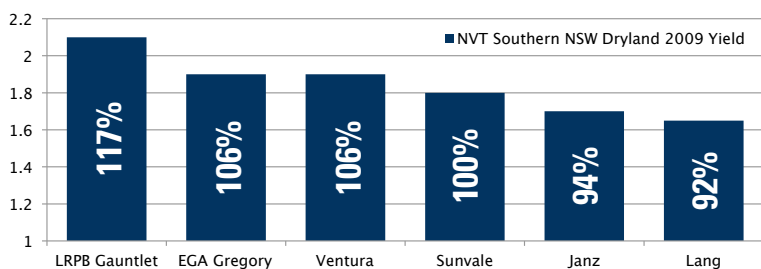
Average of 3 LongReach sites in southern NSW 2008



### Yearly Rainfall:

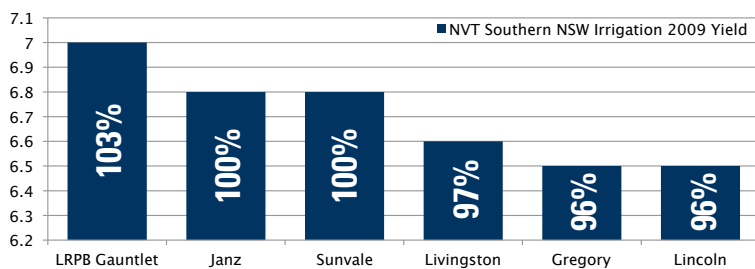
	Low <380	Med 380-480	High >480
LRPB Gauntlet	LRPB Gauntlet	LRPB Gauntlet	LRPB Gauntlet
Time of sowing	Early-Mid May	Mid-Late May	Mid May-Early June

### NVT Southern NSW Dryland 2009 Yield



\*Yield - Dryland south east NSW NVT trials, 2009 (Average of 5 trials)

### NVT Southern NSW Irrigation 2009 Yield



\*Yield - Irrigated south west NSW NVT trial, 2009 (Irrigated trial at Willbriggie, south west NSW)

# Variety Specific Agronomic Information

## Grain Receival Quality (south east NSW - NVT, 2009)

Variety	Trial No.	1000 grain weight (g)			Test Weight (kg/hectolitre)			Grain Protein %			Screenings % (2.0mm seive)		
		Ave	Min	Max	Ave	Min	Max	Ave	Min	Max	Ave	Min	Max
Crusader	5	29.3	28.8	30.0	80.4	77.8	84.4	15.2	13.4	16.8	5.6	1.8	9.6
EGA Gregory	5	32.3	28.8	36.6	79.5	74.9	84.1	15.1	13.7	16.2	6.2	2.0	11.1
Ellison	5	34.4	28.4	41.6	78.8	74.5	83.9	17.2	15.2	18.6	9.4	1.8	19.8
Janz	5	30.2	27.4	33.8	79.6	75.5	84.3	15.6	14.6	17.0	11.3	2.0	21.2
Lang	5	28.9	23.4	32.6	79.9	76.7	84.6	16.4	14.6	18.2	14.7	1.9	27.4
Lincoln	5	34.0	30.2	38.6	79.4	75.9	83.7	15.1	13.8	16.3	6.9	3.0	10.2
Livingston	5	34.5	30.8	37.4	79.4	75.7	82.8	15.3	14.2	16.3	6.5	3.2	10.8
LRPB Gauntlet	5	31.3	25.6	35.0	80.7	79.3	84.9	15.6	14.1	16.7	6.3	1.0	12.6
Merinda	5	31.1	28.2	34.0	80.4	77.9	83.8	15.0	13.7	15.8	11.6	1.9	17.7
Sunvale	5	28.3	24.0	31.4	80.1	76.9	82.7	16.3	14.7	17.7	10.1	1.8	19.1
Ventura	5	33.6	31.4	37.4	79.0	74.9	83.1	15.6	13.9	16.4	8.4	2.4	14.3
Average		31.6	28.1	35.7	78.5	74.9	83.1	15.6	14.3	16.6	9.2	2.3	14.7

## Disease Profile

Variety	Stripe Rust		Leaf Rust		Stem rust		Septoria tritici	Yellow Spot	Crown Rot	RLN (P.thorneii)	
	WA/ Jackie	Yr 17+	Lr WA	Lr East	Sr WA	Sr East				Res.	Tol.
Crusader	R	MR-MS	R	R	R-MR	R-MR	MS-S	MR-MS	MS*	S	MT-MI
Ega Burke	MS	MS	R	R	MR	MR	MS	MS-S	MS-S	MR-MS	MT
Ega Gregory	MR	MR	R	R	MR	MR	MR-MS	MS	S	S	T-MT
Ega Wylie	MR-MS	MR-MS	R	R	R	R	S	S	MR-MS	MR-MS	MT
Ellison	R	MR-MS	R	R	R-MR	R-MR	MS	MR	MS	S	I
Janz	MS	MS	R-MR	MS	R-MR	R-MR	MS	MS-S	S	S	MI
Lang	MS	MS	R	MS	R	R	MS	MS-S	MS	MS-S	MT
Livingston	R	R-MR	R-MR	R-MR	MS	MR	S-VS	MS	S-VS	-	MT
LRPB Gauntlet	MR	MR	MR	MR	R-MR	R-MR	MS*	MR-MS*	S*	MR*	MT-IT
Merinda	R-MR	MR	R	R	R-MR	R-MR	S	MS-S	MS-S	MR-MS	-
Strzelecki	MR	MR	MR	R	MR-MS	MR-MS	S	MR-MS	S	S	MI
Sunvale	R	MR	MR-MS	MR-MS	R	R	S	S	MS	MS	MT
Ventura	R	MS	R	R-MR	R-MR	R-MR	MS-S	S	VS	MR-MS	MT-IT

R = Resistant; MR = Moderately Resistant; MS = Moderately Susceptible; S = Susceptible; VS = Very Susceptible. # = these varieties may be susceptible if alternative strain is present. (Source: SARDI Field Crop Pathology Unit)

Good resistance to stripe rust (MR to WA / Jackie and MR to Yr17+ pathotypes) based on adult plant resistance genes. Good resistance to stem rusts (R-MR) and leaf rust (MR), with LongReach markers indicating it carries the Lr34 gene. Moderately tolerant (MT-MI) to RLN (P. thorneii) and based on preliminary data is susceptible (S) to crown rot, moderately resistant (MR-MS) to yellow spot and (MS) to Septoria tritici.

## For any more information or to order this variety please contact;

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Disclaimer: The information contained in this brochure is subject to change and summarises the knowledge of LRPB Gauntlet to September 2011. Continuing agronomic evaluation or changes in pathogenicity of pests and diseases make it necessary for farmers to regularly seek updated information. Viterra Ltd does not accept any responsibility for the consequences which may arise from the acceptance of recommendations or suggestions made. \*All information current as at September 2011.

