

PRL131



KEY FEATURES

- New field pea variety for commercial production in northern NSW and Qld in 2011.
- White flowered “white pea” (yellow seeded) suitable for human consumption or livestock feed.
- Early maturity, semi-leafless erect plant type.
- Resistant to powdery mildew.
- Moderately resistant to *Bean leaf roll virus* (BLRV).
- Segregating for resistance to *Pea seed-borne mosaic virus* (PSbMV).

Agronomic Features & Disease Resistance

	Seed type	Leaf type	Plant height	Relative flowering time	Maturity	Standing at maturity	Pod shatter resistance	Black spot	Downy mildew	Powdery mildew	*Bacterial blight (<i>P. syringae</i> pv. <i>syringae</i>)	PSbMV	Bean leaf roll virus (BLRV)
PRL131	White	SL	M	V early	V Early	Fair-good	S	N/A	N/A	R	N/A	R	MR
Maki ^A	Blue	SL	M	Early	Early	Fair-Good	S	S	MS-MR	R	S	R	MR
Yarrum ^A	Dun	SL	M	Mid	Early-mid	Fair	S	S	S	R	MR_MS	R	MS-MR
Kaspa ^A	Dun	SL	M	Late	Late	Fair	R	MS-MR	MS-MR	S	S	S	S
Parafield	Dun	C	T	Mid-late	Late	Poor	S	S	S	S	MS-MR	S	S

*Bacterial blight testing is based on screening over the last 2 years for *Pseudomonas syringae* pv. *syringae* R = resistant; resistant to MS (75/25%) resistant MR = moderately resistant; MS = moderately susceptible; S = susceptible.

Leaf type: C = conventional, SL = semi-leafless. N/A= no data available at this time

Northern region S4 – Long Term Yields as % of Maki, data years 2007-2009

Variety	Average	2009	2008	2007	GxE stability (08&09)
PRL131	102	103	104	97	0.78
Maki ^A	100	100	100	100	1.2
Yarrum ^A	99	103	104	89	0.85
Kaspa ^A	52	43	48	65	7.2
Parafield	55	57	47	63	5.3
Maki ^A yield (t/ha)	2.08	1.86	2.46	1.81	
S.E.D. mean (t/ha)	0.17	0.17	0.19	0.14	
Number of trial sites	12	4	4	4	

*S.E.D. is Standard Error of Difference between means (t/ha)