



BEANS VARIETY SELECTION GUIDE

		WINTER BEAN	SPRING BEAN			
YIELD	Yield as % Control	94	100	100	102	95
AGRONOMY	Earliness of Maturity	6	5	7	6	7
	Straw Length (cm)	105	99	109	108	104
	Standing Ability at Harvest	8	9	8	8	8
	Agronomy Comment	Very good combination of agronomic characters. Short straw and good standing ability, plus earliness of ripening	Best available resistance to rust on PGRO DL. It also has the highest standing and is excellent against downy mildew	Earlier to mature, allowing for quicker turnaround for next crop. Strong standing power.	One of the highest standing varieties on the DL with excellent yield potential	Easy to manage with very good standing. Medium length straw and relatively early maturity
RESISTANCE TO	Pea Wilt (Race 1)	-	-	-	-	-
	Downy Mildew	5	6	4	4	4
	Powdery Mildew*	-	-	-	-	-
	Rust	5	7	5	4	4
SEED CHARACTERS	Thousand Seed Weight (g) @15%mc	607	582	534	499	562
	Protein Content (% dry)	25.7	28.4	28.0	28.4	28.3
	Seed Comment & Market Potential	Pale Hilum variety with good protein. Suitable for export markets and human consumption	A variety that ticks all the boxes. Excellent yield, agronomic package and protein per hectare	Excellent combined agronomic package and suitable for human consumption and export markets	Very high protein per hectare potential combined with a good agronomic package	Excellent seed quality with a good combination of size, uniformity and colour. Fully accepted in the premium export market
MARKETS	Market Usage	Human consumption, export, micronizing, animal feed	Human consumption, export, micronizing, animal feed	Human consumption, animal feed	Human consumption, fish feed, animal protein	Human consumption, export, micronizing, animal feed

Notes: Data is a partial extraction of the PGRO Descriptive List 2023. (1-9) ratings - high rating indicates that the variety shows the character to a high degree. R = Resistant, S = Susceptible, HR = High Resistance, MR = Medium Resistance. Data for new varieties comes from SASA. Powdery mildew-Breeders Information. Full Lists and Datasets available at www.pgro.org



PEAS VARIETY SELECTION GUIDE

		LARGE BLUE		YELLOW	MAPLE
		 LG AVIATOR <small>LARGE BLUE PEA</small>	 PROPHET <small>LARGE BLUE PEA</small>	 LG AJAX <small>YELLOW PEA</small>	 MANTARA <small>MAPLE PEA</small>
YIELD	Yield as % Control	101	96	103	95
AGRONOMY	Earliness of Maturity	4	4	6	6
	Straw Length (cm)	77	77	76	64
	Standing Ability at Harvest	7	6	7	6
	Agronomy Comment	The best all-round disease resistance on the PGRO DL. Highly resistant to powdery mildew and has even maturity	Good balance of moderately tall plants with good standing power, combined with very good downy mildew resistance	The only yellow pea on the Descriptive List to have high resistance to powdery mildew	Very good standing ability, medium length straw and very good downy mildew resistance
RESISTANCE TO	Pea Wilt (Race 1)	R	R	R	R
	Downy Mildew	8	7	7	8
	Powdery Mildew*	[HR]	[S]	[HR]	[S]
	Rust	-	-	-	-
SEED CHARACTERS	Thousand Seed Weight (g) @15%mc	284	300	265	232
	Protein Content (% dry)	21.8	22.0	22.1	24.9
	Seed Comment & Market Potential	Strong thousand seed weight, high protein content and in demand by end users	One of the widest grown and popular varieties in the UK and EU	No risk of bleaching. High yielding, short straw and excellent disease resistance	Rounded seed with a smooth, light brown colour. Favourable in the pigeon trade
MARKETS	Market Usage	Canning, micronizing, animal feed	Canning, micronizing, export, animal feed	Bird feed#, export, splitting, animal feed, other niche markets	Pigeon feed, animal feed

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