

COMBINING PEAS - PGRO Descriptive List 2023

The control for yield is the mean of 4 and 5 year varieties (3.88 t/ha). Yield differences of less than 13.2% are not statistically different.



	UK Agent see appendix	Yield as % of Control	Agronomic characters			Resistance to			Seed characters		No. Years in matrix	Year first listed
			Earliness of maturity (1-9)	Straw length (cm)	Standing ability at harvest (1-9)	Pea wilt (Race1)	Downy mildew (1-9)	Powdery mildew *	Thousand seed weight (g) (@15%mc)	Protein content (% dry)		
Yellow												
Kameleon	Sen	114	6	76	7	R	5	[S]	301	21.8	5	20
Orchestra	LSPB	111	6	80	7	R	4	[S]	315	22.1	5	20
Glam	Sen	108	3	88	7	R	5	[S]	248	21.8	3	23
Manager	KWS	108	6	83	7	R	7	[MR]	282	22.8	5	18
LG Ajax	LUK	103	6	76	7	R	7	[HR]	265	22.1	3	23
Rivoli	Sen	102	5	80	7	[S]	8	[S]	281	22.1	4	22
Green												
Carrington	LSPB	115	5	86	7	R	8	[S]	244	21.4	4	22
Butterfly	LSPB	109	7	83	7	R	6	[S]	293	21.1	3	23
Greenway	IARA	107	5	88	7	R	7	[S]	301	22.1	5	21
Stroma	LSPB	107	6	81	7	R	5	[S]	319	21.6	5	21
Mikka	IARA	107	5	87	7	R	7	[S]	294	22.7	5	21
Bluetime	LSPB	107	3	90	6	R	8	[S]	284	21.8	5	18
KWS Gotham	KWS	107	3	86	6	-	4	-	289	22.1	3	23
Kactus	Sen	106	5	78	7	R	7	[S]	290	21.7	5	20
Kiravi	Sen	105	4	83	7	R	6	[S]	278	21.7	4	23
Karioka	Sen	104	5	86	7	R	7	[S]	255	22.7	5	18
LG Aviator	LUK	101	4	77	7	R	8	[HR]	284	21.8	4	20
Daytona	Agrii	98	6	78	7	R	7	[S]	271	22.1	5	10
Prophet	LUK	96	4	77	6	R	7	[S]	300	22.0	4	07
Mankato	KWS	96	4	82	7	R	6	[S]	255	22.4	5	19
Greenwood	IARA	92	8	70	6	R	6	[HR]	226	21.6	4	17
Maple												
Mantara	LUK	95	6	64	7	R	8	[S]	232	23.4	3	10
Rose	Dalt	92	8	78	6	S	9	[S]	257	24.9	3	03
Marrowfat												
Takayama	LSPB	96	4	87	6	R	6	[S]	350	21.5	3	23
Akooma	LSPB	95	4	81	5	R	5	[S]	406	22.8	5	21
Octavia	IARA	88	3	79	7	R	3	[S]	399	23.0	5	20
Sakura	Dalt	86	5	80	6	R	4	[S]	382	23.3	5	08

(1-9) A high rating indicates that the variety shows the character to a high degree. All varieties are semi-leafless. Downy mildew: Varietal resistance may vary in different regions as race structure of the disease changes. Pea wilt (*Fusarium oxysporum* f. sp. *pisii*)(race 1)

R = Resistant; S = Susceptible. *Powdery mildew Trials & Breeders information - HR = High resistance, MR = Moderate resistance, S = Susceptible. © PGRO 2022 23.11.2022

SPRING BEANS - PGRO Descriptive List 2023

The control for yield is the mean of 4 and 5 year varieties (4.24 t/ha).Yield differences of less than 7.3% are not significantly different.



	UK Agent see appendix	Yield as % of Control	Agronomic characters				Resistance to		Seed characters			
			Flower colour	Earliness of maturity (1-9)	Straw length (cm)	Standing ability at harvest (1-9)	Downy mildew (1-9)	Rust* (1-9)	Thousand seed weight (g) (@15%mc)	Protein content (% dry)	No. Years in matrix	Year first listed
Pale Hilum												
Genius	LSPB	110	C	6	109	8	5	4	541	27.3	3	23
Lynx	LSPB	107	C	6	108	8	7	4	518	28.1	5	16
LG Stego	LUK	106	C	7	110	8	3	5	562	27.7	3	23
Futura ^{LVC}	LSPB	106	C	7	111	8	4	4	565	26.5	3	23
Ghengis	LSPB	105	C	7	113	8	4	5	558	28.1	5	20
Stella	SU	105	C	7	110	8	3	5	537	27.8	5	21
Victus ^{LVC}	LSPB	104	C	7	104	8	5	4	547	27.8	5	19
Macho	LSPB	104	C	5	109	8	4	6	650	26.8	5	20
Capri	SU	104	C	7	109	8	3	4	512	28.3	5	21
LG Sphinx	LUK	102	C	6	108	8	4	4	499	28.4	5	21
Vertigo	LSPB	101	C	7	108	8	4	4	572	27.8	5	13
LG Raptor	LUK	100	C	7	109	8	4	5	534	28.0	5	20
LG Viper	LUK	100	C	5	99	9	6	7	582	28.4	5	21
Fuego	LUK	95	C	7	104	8	4	4	562	28.3	4	05
Yukon	LSPB	92	C	8	101	8	9	5	622	27.5	5	20
Black Hilum, Tic												
Maris Bead	WAC	83	C	6	115	7	7	-	399	29.7	3	64

(1-9) A high rating indicates that the variety shows the character to a high degree. The scales of characters of spring beans do not necessarily correspond with those for winter beans. The export market for human consumption usually requires pale hilum types. LVC = Low Vicine & Low Convicine (LVC). *Rust data influenced mostly by 4 trials in 2020. The lsd is approx 1 rating point. © PGRO 2022 23.11.2022

WINTER BEANS - PGRO Descriptive List 2023

The control for yield is the mean of 4 & 5 year varieties (4.50t/ha). Yield differences of less than 8.0% are not statistically different.



	UK Agent see appendix	Yield as % of Control	Agronomic characters				Resistance to		Seed characters			
			Flower colour	Earliness of maturity (1-9)	Straw length (cm)	Standing ability at harvest (1-9)	Downy mildew (1-9)	Rust* (1-9)	Thousand seed weight (g) (@15%mc)	Protein content (% dry)	No. Years in matrix	Year first listed
Pale Hilum												
Vespa	Sen	111	C	5	115	8	5	5	667	25.7	5	18
Vincent	Sen	108	C	5	117	8	7	4	768	26.9	5	21
Bumble	Sen	104	C	5	121	8	5	5	665	25.3	5	16
Bonneville	Sen	102	C	6	115	8	5	4	692	26.5	3	23
Norton	Sen	102	C	7	112	8	6	5	659	25.8	5	21
Pantani	LSPB	96	C	8	90	8	5	5	610	23.3	4	22
Honey	Sen	94	C	7	105	9	5	4	673	25.9	5	12
Tundra	LUK	94	C	6	105	8	5	5	607	25.7	5	14

(1-9) A high rating indicates that the variety shows the character to a high degree. The scales of characters of winter beans do not necessarily correspond with those for spring beans. © PGRO 2022 23.11.2022

Key to Source Of Varieties

Agent Code On DL	UK Agent
Agrii	Agrii
Dalt	Dalton Seeds
IARA	IAR Agri
KWS	KWS UK Ltd
LSPB	LS Plant Breeding
LUK	Limagrain UK Ltd
SU	Saaten Union (UK) Ltd
Sen	Senova Ltd
WAC	WA Church (Bures) Ltd