

COMBINING PEAS - PGRO Descriptive List 2024

The control for yield is the mean of 4 and 5 year varieties (3.81 t/ha). Yield differences of less than 11.4% 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												
Concerto	LSPB	115	6	77	7	R	7	[S]	351	21.4	3	24
Batist	Sen	113	6	85	7	R	6	[S]	304	21.6	3	24
Kameleon	Sen	112	6	74	7	R	5	[S]	304	21.8	5	20
Orchestra	LSPB	110	6	77	7	R	4	[S]	316	22.2	5	20
KWS Flam	KWS	110	6	87	7	R	5	[S]	254	21.5	3	24
Manager	KWS	107	6	81	7	R	6	[MR]	283	22.4	5	18
Glam	Sen	105	3	84	7	R	5	[S]	256	22.4	4	23
Rivoli	Sen	100	5	78	7	[S]	8	[S]	283	22.1	5	22
LG Ajax	LUK	100	6	73	7	R	7	[HR]	265	22.5	4	23
Pink												
Flamingo	CSG	78	4	84	6	R	7	-	261	23.4	3	24
Green												
Carrington	LSPB	111	5	84	7	R	8	[S]	253	21.4	5	22
KWS Gotham	KWS	107	3	84	6	-	5	[S]	292	22.5	4	23
Mikka	IARA	106	5	86	7	R	7	[S]	300	22.5	5	21
Greenway	IARA	106	5	85	7	R	7	[S]	303	22.1	5	21
Butterfly	LSPB	106	7	80	7	R	6	[S]	291	21.3	4	23
Stroma	LSPB	105	6	80	7	R	5	[S]	324	21.4	5	21
Bluetime	LSPB	104	3	87	7	R	8	[S]	286	21.5	5	18
Karioka	Sen	103	6	84	7	R	7	[S]	259	22.2	5	18
Kiravi	Sen	103	4	81	7	R	6	[S]	278	22.0	4	23
Kactus	Sen	102	5	76	7	R	7	[S]	289	21.9	5	20
Shazam	Sen	101	4	87	7	R	6	[S]	261	22.2	3	24
LG Aviator	LUK	98	4	75	7	R	7	[HR]	284	22.0	4	20
Reacher	IARA	97	6	74	5	R	7	[HR]	270	21.1	3	24
Daytona	Agrii	95	7	76	7	R	6	[S]	271	21.8	4	10
Mankato	KWS	93	4	81	7	R	6	[S]	255	21.9	4	19
Prophet	LUK	92	4	74	7	R	7	[S]	301	21.4	3	07
Maple												
Mantara	LUK	96	6	63	6	R	9	[S]	242	23.5	3	10
Rose	Dalt	90	8	77	7	S	9	[S]	258	23.9	3	03
Marrowfat												
Vision	EL	100	5	75	7	R	7	-	357	22.3	3	24
Takayama	LSPB	96	5	85	6	R	6	[S]	350	22.5	4	23
Akooma	LSPB	95	5	80	6	R	5	[S]	407	22.7	5	21
Octavia	IARA	86	3	76	8	R	3	[S]	400	23.2	5	20
Sakura	Dalt	82	5	77	7	R	4	[S]	382	22.9	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. pisi) (race 1)

R = Resistant; S = Susceptible. *Powdery mildew Trials & Breeders information -

HR = High resistance, MR = Moderate resistance, S = Susceptible. © PGRO 2023 27.11.2023

Agent Code	UK Agent	Agent Code	UK Agent
Agrii	Agrii	LSPB	LS Plant Breeding
CSG	Cope Seeds & Grain	LUK	Limagrain UK Ltd
Dalt	Dalton Seeds	SU	Saaten Union (UK) Ltd
EL	Elsoms Seeds	Sen	Senova Ltd
IARA	IAR Agri	WAC	WA Church (Bures) Ltd
KWS	KWS UK Ltd		

SPRING BEANS - PGRO Descriptive List 2024

The control for yield is the mean of 4 and 5 year varieties (4.27 t/ha). Yield differences of less than 7.5% are not significantly different.



	UK Agent see appendix	Yield as % of control	Agronomic characters				Resistance to			Seed characters		No. Years in matrix	Year first listed
			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)			
Pale Hilum													
Genius	LSPB	108	C	6	105	8	5	4	559	26.8	4	23	
Lynx	LSPB	107	C	6	104	8	6	4	521	27.6	5	16	
Synergy ^{LVC}	SU	107	C	7	107	8	3	[5]	555	28.2	3	24	
Navara	Sen	106	C	5	109	8	5	[6]	552	26.2	3	24	
LG Stego	LUK	105	C	6	106	8	4	5	577	28.3	4	23	
Futura ^{LVC}	LSPB	104	C	7	106	8	4	4	549	27.1	4	23	
Victus ^{LVC}	LSPB	102	C	7	100	7	5	4	551	27.8	5	19	
LG Hawk	LUK	101	C	7	105	8	3	[5]	575	26.8	3	24	
LG Raptor	LUK	99	C	7	105	8	4	5	539	27.5	5	20	
Vertigo	LSPB	99	C	7	105	7	4	4	581	27.6	4	13	
LG Viper	LUK	96	C	5	94	9	7	7	585	28.6	5	21	
Fuego	LUK	93	C	7	101	8	5	4	573	28.0	3	05	
Yukon	LSPB	89	C	8	98	8	8	5	622	27.0	5	20	
Black Hilum, Tic													
Maris Bead	WAC	85	C	5	111	7	7	[5]	409	29.6	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 usually requires pale hilum types. LVC = Low Vicine & Low Convicine (<0.15%DM).

*Rust data influenced mostly by 4 trials in 2020. The lsd is approx 1 rating point. [] = Limited Data. © PGRO 2023 27.11.2023

WINTER BEANS - PGRO Descriptive List 2024

The control for yield is the mean of 4 & 5 year varieties (4.40t/ha). Yield differences of less than 10.0% 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
			Flower colour	Earliness of maturity (1-9)	Straw length (cm)	Standing ability at harvest (1-9)	Downy mildew (1-9)	Rust* (1-9)	Chocolate spot (1-9)	Thousand seed weight (g) (@15%mc)	Protein content (% dry)		
Pale Hilum													
Vespa	Sen	109	C	5	113	8	5	5	7	675	25.4	5	18
Vincent	Sen	107	C	5	114	8	6	4	6	779	26.8	5	21
Bumble	Sen	105	C	5	118	8	5	5	5	671	25.0	5	16
LG Arctic	LUK	104	C	5	113	8	6	4	5	652	26.0	3	24
Norton	Sen	101	C	6	109	8	6	5	5	666	25.6	5	21
Bonneville	Sen	100	C	6	113	8	5	4	5	703	25.8	4	23
Ninja	Sen	98	C	8	105	8	4	5	5	623	27.3	3	24
Honey	Sen	94	C	7	104	8	5	4	5	674	25.8	5	12
Tundra	LUK	93	C	6	104	8	5	5	5	605	25.6	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 2023 27.11.2023