

COMBINING PEAS – PGRO Descriptive List 2022

The control for yield is the mean of four and five year varieties (4.05 t/ha.) Yield differences of less than 13.6% are not statistically different.



	UK Agent (see appendix)	Yield as % 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 (Race 1)	Downy mildew (1-9)	Powdery mildew *	Thousand seed weight (g) (@ 15% mc)	Protein content (% dry)		
Yellow (white)												
Kameleon	Sen	115	6	78	7	R	5	[S]	296	22.0	5	20
Orchestra	LSPB	111	6	82	6	R	5	[S]	311	22.1	5	20
Manager	KWS	108	6	84	7	R	7	[MR]	275	22.6	5	18
Karpate	Sen	107	6	82	6	R	5	[S]	285	22.3	5	17
Rivoli	Sen	103	6	84	7	[S]	8	[S]	272	22.0	3	22
Green (Blue)												
Carrington	LSPB	117	6	88	7	R	8	[S]	234	21.5	3	22
Bluetime	LSPB	110	4	93	6	R	8	[S]	279	21.4	5	18
Mikka	IARA	109	5	89	7	R	8	[S]	290	22.2	4	21
Greenway	IARA	108	5	90	6	R	8	[S]	289	21.9	4	21
Kactus	Sen	108	5	80	7	R	8	[S]	276	21.5	5	20
Stroma	LSPB	107	6	83	6	R	4	[S]	309	21.4	4	21
Karioka	Sen	106	5	87	6	R	6	[S]	248	22.3	5	18
Blueman	LSPB	102	2	89	7	R	8	[HR]	231	23.0	5	18
Greenwich	LSPB	102	6	81	6	R	4	[S]	320	22.3	5	20
LG Aviator	LUK	100	5	78	7	R	8	[HR]	276	22.2	4	20
Daytona	Agrii	98	7	80	6	R	7	[S]	264	21.7	5	10
Prophet	LUK	97	4	79	6	R	7	[S]	296	21.5	5	07
Mankato	KWS	96	5	84	7	R	7	[S]	249	22.2	4	19
Kingfisher	LUK	96	5	86	7	R	6	[S]	255	21.5	4	16
Greenwood	IARA	92	8	72	6	-	5	[HR]	220	20.9	5	17
LG Stallion	LUK	90	4	86	7	R	5	[S]	264	22.2	5	17
Maple												
Mantara	LUK	92	6	66	6	R	8	[S]	235	22.7	3	10
Rose	Dalt	89	7	78	5	S	8	[S]	249	24.8	3	03
Marrowfat												
Akooma	LSPB	96	4	84	5	R	4	[S]	405	23.1	4	21
Octavia	IARA	88	2	81	7	R	2	[S]	392	23.4	5	20
Banshee	Sen	86	3	81	7	R	2	[S]	385	22.9	5	20
Sakura	Dalt	86	5	83	6	R	2	[S]	377	23.2	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. Data for new varieties supplied by SASA

*Powdery mildew Breeders information - HR = High resistance, MR = Moderate resistance, S = Susceptible. © PGRO 2021 24.11.21

SPRING BEANS – PGRO Descriptive List 2022

The control for yield is the mean of four and five year varieties (4.46 t/ha.) Yield differences of less than 7.2% are not significantly different.



	UK Agent (see appendix)	Yield as % 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												
Lynx	LSPB	106	C	6	114	8	7	4	550	27.4	5	16
Ghengis	LSPB	105	C	7	118	8	3	5	577	27.5	5	20
Stella	SU	105	C	7	116	8	3	5	547	26.9	4	21
Daisy	SU	104	C	7	114	8	3	5	547	27.4	4	21
Capri	SU	103	C	7	114	8	3	4	533	27.6	4	21
Macho	LSPB	103	C	5	114	8	4	6	688	26.3	5	20
LG Raptor	LUK	102	C	7	114	8	4	5	553	27.1	5	20
LG Sphinx	LUK	102	C	6	114	8	4	4	523	27.5	4	21
Fanfare	LSPB	102	C	6	115	8	5	4	565	27.2	5	13
LG Viper	LUK	102	C	5	105	9	6	7	633	28.4	4	21
Vertigo	LSPB	100	C	7	114	8	5	4	590	27.1	5	13
LG Cartouche	LUK	96	C	6	107	9	4	6	554	29.1	5	17
Fuego	LUK	95	C	7	110	8	4	4	586	27.7	5	05
Yukon	LSPB	91	C	8	106	8	8	5	632	26.4	5	20
Pale Hilum & LVC												
Victus	LSPB	103	C	7	109	8	5	4	569	27.4	5	19
Tiffany	LSPB	101	C	7	114	8	4	4	539	28.2	5	19
Allison	LSPB	98	C	7	109	8	2	5	572	26.1	4	21
Bolivia	LSPB	98	C	6	108	8	4	6	506	27.2	4	21
Black Hilum, Tic												
Maris Bead	WAC	82	C	5	121	7	8	-	411	29.1	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. *Rust data influenced mostly by 4 trials in 2020. The lsd is approx 1 rating point. © PGRO 2021 24.11.21

WINTER BEANS – PGRO Descriptive List 2022

The control for yield is the mean of four and five year varieties (4.55t/ha.) Yield differences of less than 10.0% are not statistically different.



	UK Agent (see appendix)	Yield as % control	Agronomic characters				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)	Thousand seed weight (g) (@ 15% mc)	Protein content (% dry)		
Pale Hilum										
Vespa	Sen	108	C	5	122	8	682	26.2	5	18
Vincent	Sen	106	C	5	123	8	804	27.5	4	21
Bumble	Sen	102	C	4	126	7	687	25.8	5	16
Norton	Sen	101	C	7	118	8	698	26.3	4	21
Tundra	LUK	96	C	6	112	8	633	26.2	5	14
Honey	Sen	95	C	7	111	8	683	26.1	5	12
Pantani	LSPB	93	C	7	96	8	690	24.3	3	22
Wizard	Sen	92	C	6	115	8	675	26.8	5	03

(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. Wizard has resistance to leaf and pod spot (*Ascochyta fabae*). © PGRO 2021 24.11.21

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