

# COMBINING PEAS – PGRO Descriptive List 2021

The control for yield is the mean of 4 & 5 year varieties (3.85t/ha). Yield differences of less than 10.5% 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)		
<b>Yellow (white)</b>												
<b>Kameleon</b>	Sen	120	7	79	6	R	5	[S]	295	21.9	4	20
<b>Orchestra</b>	LSPB	115	6	84	6	R	4	[S]	308	21.5	4	20
<b>Kaiman</b>	Sen	112	5	86	7	R	6	[S]	292	21.5	3	<b>21</b>
<b>Karpate</b>	Sen	111	6	84	6	R	5	[S]	280	22.1	5	17
<b>Manager</b>	KWS	109	6	85	6	R	6	[MR]	270	22.5	5	18
<b>Raider</b>	IARA	106	7	77	7	R	6	[MR]	265	22.0	3	<b>21</b>
<b>Kareni</b>	Sen	102	7	79	7	R	6	[S]	280	22.6	5	16
<b>Green (Blue)</b>												
<b>Kactus</b>	Sen	112	5	82	7	R	7	[S]	276	21.3	4	20
<b>Bluetime</b>	LSPB	111	4	93	6	R	6	[S]	277	21.2	5	18
<b>Stroma</b>	LSPB	111	6	85	6	R	5	[S]	303	21.2	3	<b>21</b>
<b>Greenway</b>	IARA	109	6	91	6	R	6	[S]	279	22.1	3	<b>21</b>
<b>Karioka</b>	Sen	108	5	89	6	R	7	[S]	244	22.3	5	18
<b>Kiravi</b>	Sen	108	5	86	7	R	5	[S]	267	21.7	3	<b>21</b>
<b>Mikka</b>	IARA	108	6	90	6	R	7	[S]	281	22.1	3	<b>21</b>
<b>Greenwich</b>	LSPB	107	7	82	6	R	6	[S]	324	22.4	4	20
<b>Croft</b>	LSPB	106	5	90	6	R	7	[S]	266	20.5	5	19
<b>Blueman</b>	LSPB	106	3	89	7	R	8	[HR]	232	22.7	5	18
<b>Mankato</b>	KWS	106	5	85	6	R	5	[S]	253	22.1	4	19
<b>LG Aviator</b>	LUK	103	5	79	6	R	7	[HR]	275	22.0	4	20
<b>Prophet</b>	LUK	100	5	79	6	R	6	[S]	292	21.4	5	07
<b>Daytona</b>	Agrii	100	7	81	6	R	6	[S]	263	21.5	5	10
<b>Greenwood</b>	IARA	98	8	73	5	-	4	[HR]	225	20.6	5	17
<b>Kingfisher</b>	LUK	94	6	87	7	R	6	[S]	256	21.1	4	16
<b>LG Stallion</b>	LUK	92	5	86	7	R	5	[S]	258	22.0	5	17
<b>Maple</b>												
<b>Mantara</b>	LUK	90	6	66	6	R	6	[S]	238	21.9	3	10
<b>Rose</b>	Dalt	86	7	79	5	S	7	[S]	245	24.6	3	03
<b>Marrowfat</b>												
<b>Akooma</b>	LSPB	97	4	86	4	R	5	[S]	405	23.2	3	<b>21</b>
<b>Sakura</b>	Dalt	86	5	84	6	R	4	[S]	370	23.2	5	<b>08</b>
<b>Octavia</b>	IARA	86	3	82	7	R	3	[S]	381	23.1	4	20
<b>Banshee</b>	Sen	85	4	81	7	R	3	[S]	377	22.4	4	20

(1-9) A high rating indicates that the variety shows the character to a high degree. All varieties are semi-leafless. 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 19.11.20

# WINTER BEANS – PGRO Descriptive List 2021

The control for yield is the mean of 4 & 5 year varieties (4.54t/ha). Yield differences of less than 9.9% are not statistically different.



		Agronomic characters					Seed characters			
UK Agent see appendix	Yield as % Control	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)	No. Years in matrix	Year first listed	
<b>Pale Hilum</b>										
Vincent	Sen	110	C	4	129	7	849	28.1	3	21
Vespa	Sen	109	C	5	126	8	686	26.1	5	18
Norton	Sen	107	C	7	125	7	726	26.2	3	21
Bumble	Sen	104	C	4	132	6	703	25.6	5	16
Tundra	LUK	99	C	6	119	7	650	26.0	5	14
Wizard	Sen	96	C	6	122	7	682	26.4	5	03
Honey	Sen	92	C	7	116	8	699	25.9	5	12

(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 & pod spot (*Ascochyta fabae*). Varieties Vincent & Norton will be added subject to confirmed NL status. © PGRO 2020 19.11.20

# SPRING BEANS – PGRO Descriptive List 2021

The control for yield is the mean of 4 & 5 year varieties (4.47t/ha). Yield differences of less than 6.3% are not statistically different.



		Agronomic characters					Resistance to		Seed characters			
UK Agent see appendix	Yield as % Control	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	
<b>Pale Hilum</b>												
Stella	SU	108	C	6	123	6	3	5	561	27.0	3	21
LG Viper	LUK	108	C	4	115	7	6	7	601	28.9	3	21
Lynx	LSPB	106	C	5	121	7	8	4	535	27.3	5	16
Macho	LSPB	105	C	5	121	6	4	6	679	26.9	4	20
Ghengis	LSPB	105	C	7	125	6	3	5	573	27.4	4	20
Capri	SU	105	C	6	122	6	3	4	522	27.8	3	21
LG Raptor	LUK	105	C	7	122	7	4	5	550	27.5	4	20
Daisy	SU	104	C	6	122	6	3	5	528	27.2	3	21
LG Sphinx	LUK	103	C	5	121	7	4	4	507	28.1	3	21
Vertigo	LSPB	102	C	6	122	6	5	4	583	27.1	5	13
Fanfare	LSPB	102	C	6	121	6	5	4	556	27.4	5	13
LG Cartouche	LUK	99	C	6	114	8	4	6	546	29.2	5	17
Fuego	LUK	97	C	7	116	7	5	4	580	27.6	5	05
Yukon	LSPB	94	C	9	115	6	8	5	636	26.9	4	20
<b>Pale Hilum &amp; LVC</b>												
Victus	LSPB	104	C	7	116	6	6	4	556	27.1	5	19
Bolivia	LSPB	104	C	5	116	7	5	6	519	26.5	3	21
Allison	LSPB	102	C	8	117	7	3	5	576	25.2	3	21
Tiffany	LSPB	101	C	6	121	7	4	4	527	28.0	5	19
<b>Black Hilum, Tic</b>												
Maris Bead	WAC	79	C	5	126	5	7	-	408	28.7	5	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.

Varieties LG Viper, LG Sphinx, Bolivia & Allison will be added subject to confirmed NL status.

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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
Sen	Senova Ltd
SU	Saaten Union Ltd
WAC	WA Church (Bures) Ltd