

COMBINING PEAS – PGRO Recommended List 2019

The control for yield is the mean of Prophet & Mascara. Yield differences of less than 7.0%(p=0.05) should be treated with caution.

Variety / type	White peas				Large blue peas										Small blue	Maple peas		Marrowfat peas		
	Manager P2	Karpate R	Kareni R	Mascara O	Bluetime P2	Karioka P2	NEW Mankato P1	NEW Blueman P2	NEW Croft P1	LG Stallion R	Prophet R	Bluetooth R	Vertex R	Kingfisher R	Daytona R	Greenwood R	Mantara R	Rose R	Aikido R	Sakura R
UK Agent	KWS	Sen	Sen	Sen	LSPB	Sen	KWS	LSPB	LSPB	LUK	LUK	LSPB	Sen	LUK	Agrii	IARA	LUK	Dalt	LSPB	Dalt
Yield as % Control (4.43 t/ha) 5 year mean	106	104	101	101	108	105	105	103	102	100	99	98	98	97	96	93	92	88	89	86
Agronomic characters																				
Earliness of ripening	6	6	6	6	4	5	5	3	5	5	5	4	2	6	7	6	7	5	5	5
Shortness of straw	4	5	5	5	3	4	5	4	4	4	5	5	4	5	6	7	5	4	5	5
Standing ability at harvest	6	6	6	4	6	6	6	6	6	6	5	6	7	6	4	6	5	6	5	5
Resistance to Pea wilt (Race 1)	R	R	R	R	R	R	R	-	R	R	R	R	R	R	-	R	S	R	R	R
Downy mildew	7	6	6	7	7	7	5	8	7	5	7	6	6	6	7	4	6	7	5	4
Seed characters																				
Thousand seed weight (g)(@15%mc)	273	287	286	279	281	248	263	237	259	269	299	271	274	267	275	235	242	253	376	376
Protein content (%dry)	22.8	22.0	23.1	21.7	21.7	22.1	22.1	23.5	19.5	22.1	21.3	23.1	22.6	20.9	21.8	20.4	22.0	24.5	22.9	23.2
Year first listed	18	17	16	07	18	18	19	18	19	17	07	15	17	16	10	17	10	06	16	08

Recommendation categories: R=Recommended, P1,P2=1st & 2nd year provisional recommendation, O=Becoming Outclassed

Pea wilt (*Fusarium oxysporum* f. sp. *pisii*)(race 1) R = Resistant; S = Susceptible

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A high rating figure indicates that the variety shows the character to a high degree. All varieties are semi-leafless.

SPRING BEANS – PGRO Recommended List 2019

The control for yield comparisons is the mean of Fuego and Vertigo. Yield differences of less than 5.0%(p=0.05) should be treated with caution.

Variety / type	Pale hilum						Pale hilum LVC		Black hilum Tic
	Lynx R	Fanfare R	Vertigo R	Mallory P2	LG Cartouche R	Fuego R	NEW Victus P1	NEW Tiffany P1	Maris Bead R
UK Agent	LSPB	LSPB	LSPB	LSPB	LUK	LUK	LSPB	LSPB	WAC
Yield as % control (5.24t/ha) 5 year mean	104	103	101	101	99	99	104	100	82
Agronomic characters									
Flower colour (C=coloured)	C	C	C	C	C	C	C	C	C
Earliness of ripening	5	6	7	6	7	7	8	6	4
Shortness of straw	6	5	6	7	6	6	6	5	4
Standing ability at harvest	8	6	6	7	8	7	7	6	5
Resistance to Downy mildew	7	5	6	7	5	5	6	5	7
Seed characters									
Thousand seed weight (g)(@15%mc)	532	548	575	558	527	563	554	516	392
Protein content (%dry)	26.9	27.5	26.9	26.4	29.1	27.3	27.2	27.8	28.6
Year first listed	2016	2013	2013	2018	2017	2005	2019	2019	1964

Recommendation categories: R=Recommended, P1,P2=1st & 2nd year provisional recommendation, O=Becoming Outclassed.


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. © PGRO 2018

A high figure indicates that the variety shows the character to a high degree.

WINTER BEANS – PGRO Recommended List 2019

The control for yield comparisons is the mean of Arthur and Wizard. Yield differences of less than 3.9%(p=0.05) should be treated with caution.

Variety / type	Pale hilum				
	Tundra	Vespa	Bumble	Wizard	Honey
	R	P2	R	R	R
UK Agent	LUK	Sen	Sen	Sen	Sen
Yield as % Control (5.24/ha) 5 year mean	104	103	102	96	94
Agronomic characters					
Flower colour (C=coloured)	C	C	C	C	C
Earliness of ripening	8	7	6	8	9
Shortness of straw	8	7	6	8	9
Standing ability at harvest	7	8	6	8	9
Seed characters					
Thousand seed weight (g)(@15%mc)	691	702	735	715	730
Protein content (%dry)	26.5	26.1	25.8	26.9	26.5
Year first listed	2014	2018	2016	2003	2012

Recommendation categories: R=Recommended, P1,P2=1st & 2nd year provisional recommendation, O=Becoming outclassed.

A high figure 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*).

Hilum colour. The export market usually requires pale hilum types.

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Key to breeder and source of varieties

COMBINING PEAS - UK AGENTS AND BREEDERS DETAILS

Agent code on RL	UK Agent	Breeder
KWS	KWS UK Ltd	KWS Momont (FR)
LUK	Limagrain UK Ltd	Limagrain Europe
LSPB	LS Plant Breeding	NPZ-Lembke (DE), Serasem (FR)
Sen	Senova Ltd	SARL Adrien Moment et Fils (FR), Lochow-Petkus (DE)
Dalt	Dalton seeds	Toft (DK)
Agrii	Agrii	Danisco (DK)
IARA	IARAgri	Plant Research (NZ) Ltd (NZ)

SPRING BEANS - UK AGENTS AND BREEDERS DETAILS

Agent code on RL	UK Agent	Breeder
LSPB	LS Plant Breeding	NPZ-Lembke (DE)
LUK	Limagrain UK Ltd	Limagrain Europe (FR)
WAC	WA Church (Bures) Ltd	PBIC (UK)

WINTER BEANS – UK AGENTS AND BREEDERS DETAILS

Agent code on RL	UK Agent	Breeder
LUK	Limagrain UK Ltd	Limagrain UK Ltd
Sen	Senova Ltd	Wherry & Sons