




2018 Pulse Recommended Lists

Combining Peas,
Spring & Winter Beans

Funded by
PGRO Pulse levy

COMBINING PEAS – PGRO Recommended List 2018

The control for yield is the mean of Prophet & Mascara. Yield differences of less than 6.7%(p=0.05) should be treated with caution.

Variety / type	White peas						Large blue peas											Small blue	Maple peas		Marrowfat peas			
	NEW Manager P1	Karpate P2	Mascara R	Kareni R	Salamanca O	Gregor O	NEW Karioka P1	NEW Bluetime P1	NEW Blueman P1	LG Stallion P2	Prophet R	Vertex P2	Bluetooth R	Kingfisher R	Daytona R	Crackerjack O	Campus O	Greenwood P2	Mantara R	Rose R	Aikido R	Sakura R	Genki O	
																								
UK Agent	KWS	Sen	Sen	Sen	LSPB	LSPB	Sen	LSPB	LSPB	LUK	LUK	Sen	LSPB	LUK	Agrii	Dalt	LSPB	IARA	LUK	Dalt	LSPB	Dalt	Dalt	
Yield as % Control (4.77 t/ha) 5 year mean	108	105	101	101	98	97	107	106	102	102	100	100	99	97	96	95	93	94	92	88	89	87	81	
Agronomic characters																								
Earliness of ripening	5	6	6	5	5	6	6	5	5	5	5	3	4	5	6	6	4	6	5	7	5	5	3	
Shortness of straw	4	5	5	5	4	5	4	3	4	4	5	5	5	4	5	5	4	6	7	5	4	5	5	
Standing ability at harvest	6	6	4	6	7	5	5	5	6	6	5	6	5	6	6	4	8	4	6	5	6	5	6	
Resistance to Pea wilt (Race 1)	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	-	R	S	R	R	R	
Downy mildew	7	6	7	6	6	5	7	7	9	5	7	6	6	6	7	5	6	5	6	7	5	5	5	
Seed characters																								
Thousand seed weight (g)(@15%mc)	272	287	282	286	268	302	245	278	240	268	295	278	273	269	278	292	281	242	242	254	379	381	418	
Protein content (%dry)	22.6	21.7	21.5	22.9	21.9	23.2	21.5	21.9	23.2	21.9	21.1	22.5	22.9	20.8	21.7	21.8	22.0	20.4	22.0	24.6	22.8	22.8	23.6	
Year first listed	18	17	07	16	11	09	18	18	18	17	07	17	15	16	10	08	14	17	10	06	16	08	07	

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

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-leaffless.

SPRING BEANS – PGRO Recommended List 2018

The control for yield comparisons is the mean of Fuego and Vertigo. Yield differences of less than 5.4%(p=0.05) should be treated with caution.

Variety / type	Pale hilum								Black hilum Tic
	Lynx R	NEW Mallory P1	Fanfare R	Vertigo R	LG Cartouche P2	Fury O	Fuego R	Boxer O	Maris Bead R
UK Agent	LSPB	LSPB	LSPB	LSPB	LUK	LSPB	LUK	Sen	WAC
Yield as % control (5.39t/ha) 5 year mean	104	102	102	101	101	99	99	98	83
Agronomic characters									
Flower colour (C=coloured)	C	C	C	C	C	C	C	C	C
Earliness of ripening	5	6	6	6	7	7	7	6	5
Shortness of straw	5	7	5	5	7	7	6	6	4
Standing ability at harvest	8	8	7	6	8	7	8	8	6
Resistance to Downy mildew	7	7	5	6	5	6	5	4	6
Seed characters									
Thousand seed weight (g)(@15%mc)	534	566	548	580	536	524	569	568	398
Protein content (%dry)	27.1	26.8	27.9	27.3	29.3	27.4	27.5	27.3	29.0
Year first listed	2016	2018	2013	2013	2017	2010	2005	2012	1964

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 spring beans do not necessarily correspond with those for winter beans.

Hilum colour. The export market usually requires pale hilum types

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WINTER BEANS – PGRO Recommended List 2018

The control for yield comparisons is the mean of Arthur and Wizard. Yield differences of less than 4.2%(p=0.05) should be treated with caution.

Variety / type	Pale hilum				
	Tundra	Bumble	NEW Vespa	Wizard	Honey
	R	R	P1	R	R
UK Agent	LUK	Sen	Sen	Sen	Sen
Yield as % Control (5.16/ha) 5 year mean	105	103	102	98	95
Agronomic characters					
Flower colour (C=coloured)	C	C	C	C	C
Earliness of ripening	8	6	7	8	9
Shortness of straw	8	7	8	8	9
Standing ability at harvest	7	6	8	8	9
Seed characters					
Thousand seed weight (g)(@15%mc)	685	732	691	708	725
Protein content (%dry)	26.5	25.8	25.8	26.9	26.3
Year first listed	2014	2016	2018	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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