




Orchestra

white pea

Orchestra is Provisionally Recommended (P1) on the PGRO Recommended List of Combining Peas for 2020. It is a high yielding white pea variety with high Thousand seed weight, good standing power and good colour retention. It is resistant to Pea wilt.

- ✓ Orchestra is a very high yielding white pea (106).
- ✓ Orchestra has good standing power (6).
- ✓ Orchestra has the highest Thousand seed weight of any white pea on the RL.

COMBINING PEAS - PGRO Recommended List 2020																									
The control for yield is the mean of Prophet, Kareni & Karpate. Yield differences of less than 8.1%(p=0.05) should be treated with caution.																									
Variety / type	White peas					Large blue peas										Small blue	Maple peas		Marrowfat peas						
	NEW	NEW				NEW	NEW																		
	Kameleo	Orchestra	Manager	Karpate	Kareni	Kactus	Bluetime	Greenwich	Karioka	Mankato	Croft	Blueman	LG Aviator	Prophet	Bluetooth	Daytona	Vertex	LG Stallion	Kingfisher	Greenwood	Mantara	Rose	Sakura	Banshee	Octavia
	P1	P1	R	R	R	P1	R	P1	R	P2	P2	R	P1	R	O	R	R	R	O	R	R	R	R	P1	P1
UK Agent	Sen	LSPB	KWS	Sen	Sen	Sen	LSPB	LSPB	Sen	KWS	LSPB	LSPB	LUK	LUK	LSPB	Agri	Sen	LUK	LUK	IARA	LUK	Dalt	Dalt	Sen	IARA
Yield as % Control (4.49 t/ha) 5 year mean	114	106	105	104	98	107	106	104	104	103	101	100	99	98	95	95	94	92	92	94	89	86	84	83	82
Agronomic characters																									
Earliness of ripening	7	6	6	6	7	5	4	7	5	5	5	3	5	5	4	7	2	5	6	8	6	7	5	4	3
Shortness of straw	6	5	5	5	6	6	3	6	4	5	4	4	6	6	6	6	5	5	4	7	8	6	5	6	6
Standing ability at harvest	6	6	6	6	6	7	6	6	6	6	6	7	6	6	6	6	6	7	7	5	6	5	6	7	7
Resistance to Pea wilt (Race 1)	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	-	R	S	R	R	R
Downy mildew	5	4	6	5	6	7	7	6	7	5	7	8	7	7	6	7	6	5	5	4	6	7	4	3	3
Seed characters																									
Thousand seed weight (g)(@15%mc)	295	316	269	280	278	265	277	333	242	256	271	230	272	294	261	268	267	261	257	227	237	246	371	374	396
Protein content (%dry)	22.3	21.4	22.4	22.1	22.6	20.8	21.0	23.3	22.4	22.3	20.1	22.7	22.1	21.3	22.7	21.4	22.7	21.9	20.8	20.5	21.8	24.4	23.0	21.4	22.5
Year first listed	20	20	18	17	16	20	18	20	18	19	19	18	20	07	15	10	17	17	16	17	10	06	08	20	20

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

Pea wilt (*Fusarium oxysporum* f. sp. *pisi*)(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.

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