

2018



# PGRO VINING PEA VARIETY GUIDE

Varieties of Vining Pea  
including PGRO Descriptive Lists



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## Introduction

**The introduction of new pea varieties calls for close liaison between growers, processors and plant breeders. PGRO through independent trialling is the prime link between the three parties.**

The tables in this guide describe briefly the yield and characteristics of varieties evaluated over recent years with details of other varieties available on request.

Varieties are tested in the Preliminary Trial when they are entered for National Listing in an EU member country. Promising varieties are tested for a further two years in the Main Trial. Trials to specifically evaluate petits pois on land best suited to their production have been introduced. Periodically, additional trials funded by AHDB Horticulture are undertaken where varieties are grouped and sown according to maturity. Peas were harvested at @TR100 and @ TR120.

Data from HDC funded trials have been used in compilation of the standard pea tables and include: Evaluation of varieties sown at appropriate commercial timings; FV 154, FV 154a, FV 154b and FV 154c (current); Extension of variety evaluations (silt soil); FV 340, FV 340a and FV340b (current).

## Key to breeder and source of varieties

- AGIS = Karl-H. Schäfer GmbH P.O.Box 1162, D37001 Göttingen Germany
- CS = Crites Seed Inc., Moscow, Idaho, USA
- DT = David Trethewey Seeds, The Seed Store, High Street, Poynton, Sleaford, Lincs, NG34 0LY
- EI = Elsoms Seeds Ltd., Pinchbeck Road, Spalding, Lincs., PE11 1QG
- GA = General Availability
- LUK = Limagrain UK Ltd, Rothwell, Market Rasen, Lincs., LN7 6DT
- Nun = Nunhems Netherlands BV, PO Box 4005, 6080 AA Haelen, Holland
- PFR = The New Zealand Institute for Plant & Food Research Ltd., Private Bag 4704 Christchurch, New Zealand
- PLS = Pure Line Seeds Inc., N2651, County Road V, Lodi, WI, 53555-9423
- Syn = Syngenta CPC4, Capital Park, Fulbourn. CB21 5XE
- SVS = Monsanto Vegetable Seeds Ltd, Cambourne Business Park, Building 2030, Cambourne, Cambs CB23 6DW.
- Vil = Vilmorin SA, RTE du Manoir, 49250 La Menitre, France
- vW = van Waveren Saaten GmbH, Rodeweg 20, D-37081, Göttingen, Germany
- WAC = W.A.Church (Bures) Ltd., Bures, Suffolk, C08 5JQ

# DESCRIPTIVE LIST OF STANDARD SIZE VINING PEAS, THORNHAUGH/NOCTON – DATA SUMMARY



Data is derived from at least 3 years trials, but not necessarily the same years. Yields are expressed as a percentage of the yield standard Oasis @TR100 and @TR120 and are only indications of comparative yield. Small yield differences should be treated with caution.



Variety SL= Semi-leafless [ ] = No. of trials	Breeder (UK source)	TSW g	Maturity to Avola ± days	@TR 100				Yield % of Oasis	Haulm length cm	Disease	
				% in size grade			VS			Downy mildew	Powdery mildew
				L	M	S					
Pizarro <sup>SL</sup>	[6]	223	-1	53-	31	45	20	4	53-	SS	S
Beverly	[3]	198	-1	53-	26	51	20	3	57-	MFR	[S]
Salinero	[5]	199	0	53-	34	43	18	5	53-	SS	S
Avola	[42]	223	0	58-	44	42	12	2	60-	MS	[S]
Tommahawk <sup>SL</sup>	[3]	213	0	63-	21	57	19	3	70-	SS	[R]
Aloha	[3]	219	0	66-	33	50	14	3	67-	SS	[S]
Twinkle	[6]	228	0	78-	34	50	13	3	80-	S	[S]
Sherwood	[9]	198	+1	56-	22	49	24	5	63-	SS	S
Kiss	[3]	195	+1	61-	30	52	15	3	68-	MFR	[S]
Anubis	[6]	224	+1	71-	28	46	21	5	74-	MS	R
Span	[3]	195	+1	73-	29	49	19	3	74-	S	[S]
Hesbana <sup>SL</sup>	[6]	187	+2	47-	11	50	33	6	49-	-	R
Cargo	[3]	199	+3	73-	23	54	20	3	74-	MFR	[S]
Romance <sup>SL</sup>	[6]	175	+4	72-	24	50	22	4	73-	GFR	S
Saltingo <sup>SL</sup>	[3]	203	+4	74-	24	52	21	3	76-	GFR	[R]
LG Element <sup>SL</sup>	[3]	198	+4	75-	21	44	28	7	79-	MFR	[R]
D165618 <sup>SL</sup>	[3]	201	+4	76-	29	52	17	2	79-	GFR	[R]
Savannah <sup>SL</sup>	[3]	214	+5	85	58	35	6	1	91	MS	-
Jaguar	[7]	189	+5	66-	30	49	18	3	72-	S	R
Fantastico <sup>SL</sup>	[3]	198	+6	90	22	51	24	3	93	GFR	[R]
Sienna	[3]	240	+6	95	43	46	9	2	94	SS	S
Jubilee	[3]	192	+6	76-	29	50	18	3	80-	MS	R
Chinook <sup>SL</sup>	[6]	198	+6	82-	19	58	21	2	87-	MS	S
Gusty <sup>SL</sup>	[3]	187	+7	88	31	55	12	2	84-	SS	S
Reliance <sup>SL</sup>	[3]	167	+7	68-	15	57	26	2	68-	(GFR)	R
Minotaur <sup>SL</sup>	[3]	171	+7	72-	18	57	23	2	74-	GFR	R
CS-437F	[3]	187	+7	73-	23	48	23	6	82-	MS	[R]
Bingo <sup>SL</sup>	[5]	214	+7	78-	34	51	13	2	84-	SS	R
Amalfi	[3]	138	+7	83-	5	39	50	6	84-	MS	S
Novella <sup>SL</sup>	[3]	200	+8	76-	30	53	15	2	76-	MS	R
Bikini <sup>SL</sup>	[55]	196	+8	78-	32	51	15	2	78-	MS	S
Preference <sup>SL</sup>	[3]	208	+8	82-	36	47	15	2	82-	SS	R
SV0957QF <sup>SL</sup>	[3]	180	+9	87	27	56	16	1	91	-	-

Biktop <sup>SL</sup>	[6]	Syn	196	+9	89	29	57	13	1	90	43	GFR	S
D85607	[3]	Syn	180	+9	97	13	49	34	4	102	62	GFR	[S]
Ruthless <sup>SL</sup>	[3]	Syn	177	+9	74-	26	52	20	2	74-	58	SS	R
Spandimo <sup>SL</sup>	[6]	SVS	184	+9	78-	31	56	12	1	76-	47	MS	S
Boogie <sup>SL</sup>	[6]	VW (DT)	210	+9	79-	53	43	4	0	79-	49	SS	R
Sabrina	[3]	Syn	183	+9	80-	18	60	20	2	81-	67	MS	[R]
Ruler <sup>SL</sup>	[3]	Syn	211	+9	80-	32	53	14	1	83-	53	SS[HR]	R
Geneva	[7]	Nun	167	+9	82-	16	51	29	4	86-	60	GFR	-
Compagna <sup>SL</sup>	[3]	Nun	179	+9	83-	15	46	33	6	93	58	SS	R
Ashton	[6]	SVS	183	+9	83-	27	58	13	2	84-	53	GFR	R
Tommy <sup>SL</sup>	[6]	LUK	161	+9	84-	18	59	20	3	85-	60	SS	S
Vivado	[3]	Syn	167	+10	89	25	58	16	1	90	64	MFR	[R]
Charlie <sup>SL</sup>	[3]	LUK	188	+10	90	32	57	10	1	89	63	GFR	R
Urbana <sup>SL</sup>	[6]	Nun	142	+10	67-	12	49	31	8	70-	70	MS	[R]
Songo <sup>SL</sup>	[3]	Syn	205	+10	77-	40	41	16	3	87	53	MS	[R]
Starlight	[6]	LUK	192	+10	79-	37	43	16	4	78-	58	S	S
LG Midnight <sup>SL</sup>	[3]	LUK	199	+11	90	27	61	11	1	87	69	(MFR)	[R]
LG Guardian <sup>SL</sup>	[3]	LUK	188	+11	94	34	50	13	3	92	67	MFR	[R]
Oasis	[23]	LUK	194	+11	100	33	52	13	2	100	58	SS	S
Standana <sup>SL</sup>	[3]	Nun	156	+11	65-	18	64	17	1	67-	66	-	[R]
Akura <sup>SL</sup>	[6]	SVS	172	+11	69-	17	46	29	8	67-	57	S	R
Butana <sup>SL</sup>	[6]	Nun	180	+11	81-	18	58	22	2	78-	62	SS	R
Ibis <sup>SL</sup>	[6]	Syn (EI)	173	+11	87-	21	46	26	7	92	59	GFR	R
Reflection <sup>SL</sup>	[3]	PLS(WAC)	205	+12	88	29	55	15	1	101	61	MFR	[R]
Vidor	[3]	VW (DT)	174	+12	90	29	55	14	2	95	62	MFR	[R]
Acclaim	[3]	PFR(AGIS)	210	+12	95	19	57	21	3	102	54	SS	R
CS-445AF <sup>SL</sup>	[6]	CS (EI)	210	+12	101	46	46	6	2	104	48	SS	[R]
Geisha <sup>SL</sup>	[6]	LUK	177	+12	71-	26	51	19	4	72-	57	S	S
Maurice <sup>SL</sup>	[3]	SVS	132	+12	72-	23	48	23	6	75-	63	SS	-
Fantasy <sup>SL</sup>	[3]	VW (DT)	194	+12	77-	34	51	13	2	75-	56	SS	R
Serge <sup>SL</sup>	[6]	PLS (WAC)	173	+12	79-	40	45	13	2	78-	56	MS	R
Ambassador	[35]	VW (DT)	204	+12	83-	40	47	11	2	82-	68	MS	R
Kiros	[6]	VW (DT)	181	+12	87-	20	52	23	5	83-	54	MS	S
Hyperion <sup>SL</sup>	[3]	SVS	159	+13	94	14	52	28	6	95	60	GFR	R
Cawood	[3]	PFR(AGIS)	216	+13	99	31	55	12	2	99	53	SS	R
Kenobi <sup>SL</sup>	[6]	Syn	198	+13	84-	30	56	13	1	83-	58	SS	R
Naches <sup>SL</sup>	[6]	CS (EI)	198	+13	86-	37	52	10	1	82-	50	S	R
LG Galileo <sup>SL</sup>	[3]	LUK	192	+14	110	56	33	9	2	117+	65	MFR	[R]
Terrain	[3]	LUK	219	+15	85-	34	50	14	2	83-	71	GFR	R
Columbus	[3]	PFR(AGIS)	226	+16	78-	21	50	24	5	77-	59	SS	R

## KEY

**Size grade classifications:** L = large, >10.2mm; M = medium, >8.75-10.2mm; S = small, >7.5-8.7mm; VS = very small, <7.5mm  
Yield: + significantly higher than Oasis @p=0.05; - significantly lower than Oasis @p=0.05

**Diseases:** Downy mildew: GFR = Good field resistance; MFR = Moderate field resistance; SS = Slightly susceptible; MS = Moderately susceptible; S = Susceptible; HR High resistance; [ ] Breeders information. ( ) 1 or 2 year data; - = no data.

**Powdery mildew:** R = resistant / tolerant; I = Intermediate; S = susceptible; [ ] breeders information; - = no information

# DESCRIPTIVE LIST OF STANDARD SIZE VINING PEAS, HOLBEACH – DATA SUMMARY



Data is derived from at least 2 years trials, but not necessarily the same years. Yields are expressed as a percentage of the yield standard Oasis @ TRI100 and are only indications of comparative yield. Small yield differences should be treated with caution.



Variety SL = Semi-leafless [] = No. of trials	Breeder (UK source)	TSW g	Maturity to Avola ±days	Yield % of Oasis	@TR 100				@TR 120 Yield % of Oasis	Haulm length cm	Disease	
					% in size grade						Downy mildew	Powdery mildew
					L	M	S	VS				
Beverly	[2] vW (DT)	194	-1	61-	34	38	23	5	80-	55	MFR	[S]
Tommathawk <sup>SL</sup>	[2] CS (EI)	212	0	77	27	52	19	2	100	61	SS	[R]
Span	[2] CS (EI)	185	0	81	38	43	17	2	89	52	S	[S]
Avola	[9] SVS(GA)	216	0	61-	53	37	8	2	72-	70	MS	[S]
Aloha	[2] vW (DT)	216	0	64-	41	42	13	4	78-	63	SS	[S]
Sherwood	[3] SVS	203	0	69-	27	47	23	3	85	66	SS	S
Salinero	[2] SVS	208	+1	91	34	45	18	3	86	66	SS	S
Kiss	[2] vW (DT)	183	+2	88	30	48	19	3	81	68	MFR	[S]
Cargo	[2] vW (DT)	203	+3	90	30	65	4	1	88	65	MFR	[S]
LG Element <sup>SL</sup>	[2] LUK	197	+4	89	20	50	25	5	81	62	MFR	[R]
Jubilee	[2] LUK	180	+5	83	28	47	22	3	79-	69	MS	R
Savannah <sup>SL</sup>	[2] CS (EI)	210	+5	94	51	35	12	2	94	68	MS	-
Saltingo <sup>SL</sup>	[2] Syn	204	+5	65-	39	45	14	2	63-	68	GFR	[IR]
CS-437F	[2] CS (EI)	188	+5	71-	32	46	19	3	73-	71	MS	[R]
D165618 <sup>SL</sup>	[2] Syn	201	+5	79-	41	46	11	2	76-	67	GFR	[IR]
Reliance <sup>SL</sup>	[2] SVS	174	+6	89	26	58	13	3	104	69	(GFR)	R
Gusty <sup>SL</sup>	[2] vW (DT)	174	+6	97	44	47	8	1	85	69	SS	S
Sienna	[2] vW (DT)	248	+6	116	48	47	4	1	109	64	SS	S
Jaguar	[2] LUK	186	+6	77-	36	45	15	4	96	65	S	R
Fantastigo <sup>SL</sup>	[2] Syn	198	+7	82	27	48	21	4	86	72	GFR	[IR]
Bikini <sup>SL</sup>	[6] Syn	198	+7	86	38	46	13	3	90	55	MS	S
Minotaur <sup>SL</sup>	[2] SVS	171	+7	87	25	51	20	4	100	67	GFR	R
Amalfi	[2] Syn	133	+7	109	8	33	45	14	103	69	MS	S
SV0957QF <sup>SL</sup>	[2] SVS	176	+8	85	30	51	16	3	92	73	-	-
Rule <sup>SL</sup>	[2] Syn	215	+8	88	41	41	14	4	87	74	SS[HR]	R
Preference <sup>SL</sup>	[2] PLS(WAC)	213	+8	99	51	43	5	1	91	63	SS	R
Charlie <sup>SL</sup>	[2] LUK	203	+8	103	37	53	9	1	99	79	GFR	R
Compagna <sup>SL</sup>	[2] Nun	180	+8	103	28	53	16	3	100	79	SS	R

Biktop <sup>SL</sup>	[2]	Syn	204	+8	109	33	51	14	2	112	53	GFR	S
D85607	[2]	Syn	180	+8	72-	18	51	25	6	81	80	GFR	[S]
Ruthless <sup>SL</sup>	[2]	Syn	168	+9	90	39	45	13	3	99	79	SS	R
Geneva	[2]	Nun	174	+9	95	27	51	18	4	101	64	GFR	-
Boogie <sup>SL</sup>	[2]	vW (DT)	206	+9	105	50	42	7	1	105	59	SS	R
Sabrina	[2]	Syn	185	+9	79-	20	61	17	2	75-	90	MS	[IR]
Fantasy <sup>SL</sup>	[2]	vW (DT)	202	+10	88	45	43	10	2	81	69	SS	R
Songo <sup>SL</sup>	[2]	Syn	204	+10	92	39	47	12	2	88	60	MS	[R]
LG Midnight <sup>SL</sup>	[2]	LUK	202	+11	82	32	57	10	1	81	79	(MFR)	[R]
Standana <sup>SL</sup>	[2]	Nun	163	+11	91	19	57	22	2	92	87	-	[R]
LG Guardian <sup>SL</sup>	[2]	LUK	184	+11	92	36	50	12	2	85	75	MFR	[R]
Vivado	[2]	Syn	155	+11	92	30	51	17	2	87	77	MFR	[IR]
Vidor	[2]	vW (DT)	181	+11	94	42	45	11	2	95	73	MFR	[R]
Oasis	[9]	LUK	197	+11	100	36	49	13	2	100	74	SS	S
Hyperion <sup>SL</sup>	[2]	SVS	171	+11	115	25	59	14	2	109	80	GFR	R
Cawood	[2]	PFR(AGIS)	217	+12	93	37	50	11	2	90	69	SS	R
Reflection <sup>SL</sup>	[2]	PLS(WAC)	210	+12	97	46	43	9	2	110	74	MFR	[R]
CS-445AF <sup>SL</sup>	[2]	CS (EI)	221	+12	103	58	33	7	2	107	62	SS	[R]
Acclaim	[2]	PFR(AGIS)	197	+13	82	20	46	29	5	82	71	SS	R
Ambassador	[9]	vW (DT)	210	+13	89	37	45	15	3	85-	88	MS	R
Maurice <sup>SL</sup>	[2]	SVS	128	+13	112	28	47	20	5	96	78	SS	-
LG Galileo <sup>SL</sup>	[2]	LUK	189	+14	90	53	33	11	3	99	81	MFR	[R]
Columbus	[2]	PFR(AGIS)	227	+14	92	47	40	10	3	95	76	SS	R
Terrain	[2]	LUK	204	+15	89	42	44	11	3	87	89	GFR	R

### KEY

**Size grade classifications:** Size grade classifications:

**L** = large, >10.2mm; **M** = medium, >8.75-10.2mm; **S** = small, >7.5-8.7mm;  
**VS** = very small, <7.5mm **Yield:** + significantly higher than Oasis @p=0.05; - significantly lower than Oasis @p=0.05

**Diseases:** Downy mildew; GFR = Good field resistance; MFR

= Moderate field resistance; SS = Slightly susceptible; MS = Moderately susceptible; S = Susceptible; HR High resistance; [ ] Breeders information. ( ) 1 or 2 year data; - = no data.

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Variety SL = Semi-leafless [ ] = No. of trials	Breeder (UK source)	TSW g	Maturity to Waverex ± days	@TR 100			@TR 120			Haulm length cm		Disease		
				Yield % of Waverex	% in size grade			Yield % of Waverex	VS	S	M	L	Downy mildew	Powdery mildew
					L	M	S							
Baghera	[5] Vii (LUK)	96	-6	93	1	14	45	40	83	66	S	S		
Bartesa	[3] Nun	79	-4	83	1	16	52	31	79	54	-	-		
Legato	[3] Syn (Ei)	108	-2	103	3	23	55	19	103	70	SS	S		
Noroit	[3] Syn	96	-2	108	1	17	51	31	102	57	S	R		
Trophee	[3] Syn	118	-2	130+	1	18	59	22	125+	68	MS	S		
Judith	[3] vW (DT)	93	-1	122	0	10	48	42	107	57	MFR	[S]		
Corus	[5] Syn	88	0	88	1	16	53	30	79-	61	GFR	S		
Waverex	[16] vW (DT)	115	0	100	3	22	44	31	100	59	(MFR)	[S]		
Tendrilla <sup>SL</sup>	[3] Vii (LUK)	113	0	108	2	23	56	19	99	78	(S)	S		
Louise	[3] vW (DT)	87	0	118	0	6	53	41	102	61	MFR	S		
Tiffany <sup>SL</sup>	[3] vW (DT)	101	+1	87	1	18	53	28	79-	60	-	S		
Oracle	[3] vW (DT)	96	+1	97	1	12	47	40	98	65	-	[R]		
Katie <sup>SL</sup>	[3] vW (DT)	88	+1	100	1	9	49	41	88	63	SS	S		
Lunanvert	[2] Syn	106	+1	106	3	26	51	20	110	73	(GFR)	-		
Firenza	[3] Vii (LUK)	90	+1	107	0	10	50	40	95	62	GFR	S		
Rhianna	[3] vW (DT)	83	+1	119	1	12	49	38	114+	65	MFR	S		
Ambience <sup>SL</sup>	[3] SVS	107	+1	123	2	21	52	25	119+	59	GFR	S		
Festiver <sup>SL</sup>	[3] Syn	87	+2	86	2	20	45	33	93	71	SS	[IR]		
Contravert	[3] Syn	109	+3	89	2	28	53	17	97	80	MFR	R		
Arnesa <sup>SL</sup>	[6] Nun	89	+4	95	1	10	45	44	91	60	SS	S		

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10.2mm; S = small, >7.5-8.7mm; VS = very small, <7.5mm

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breeders information; - = no information



## PEA GROWTH STAGE DEFINITIONS

Key pea growth stages taken from BBCH monograph: Growth stages of mono - and dicotyledonous plants 2. Edition, 2001 (Weber and Bleiholder, 1990; Feller et al., 1995b)

	CODE	DESCRIPTION
Principal growth stage 0: Germination and emergence	00	Dry seed
	07	Shoot breaking through seed coat
	08	Shoot growing towards soil surface; hypocotyl arch visible
	09	Emergence: shoot breaks through soil surface
Principal growth stage 1: Leaf development	11	First true leaf (with stipules) unfolded or first tendril developed
	12	2 leaves (with stipules) unfolded or 2 tendrils developed
	1..	Stages continuous until
	19	9 or more leaves (with stipules) unfolded or 9 or more tendrils developed
Principal growth stage 5: Inflorescence emergence	51	First flower buds visible outside leaves (enclosed bud)
	55	First separated flower buds visible outside leaves but still closed
Principal growth stage 6: Flowering	61	Beginning of flowering: 10% of flowers open
	62	20% of flowers open
	64	40% of flowers open
	65	50% of flowers open (first pod)
	67	Flowering declining
	68	End of flowering
Principal growth stage 7: Development of fruit	74	40% of pods have reached typical length; TR value 95
	79	Pods have reached typical size (green ripe): peas fully formed
Principal growth stage 8: Ripening of fruit and seed	81	10% of pods ripe, seed final colour, dry and hard
	82	20% of pods ripe, seed final colour, dry and hard
	8..	Stages continuous until
	89	Fully ripe: all pods dry and brown. Seeds dry and hard (dry ripe)
Principal growth stage 9: Senescence	97	Plants dead and dry
	99	Harvested product

Source: Extract from the internationally recognised BBCH crop growth stage key (BBCH - Biologische Bundesanstalt, Bundessortenamt and CHEmical industry).

## PGRO VINING PEA TECHNICAL UPDATES AND OTHER USEFUL PUBLICATIONS

NUMBER	DESCRIPTION
TU01	Manganese Deficiency & Marsh Spot
TU02	Pea Midge
TU03	Pea Moth
TU04	Silver Y Moth
TU05	Pea Aphid
TU07	Field Thrips in Peas & Beans
TU08	Pea & Bean Weevil
TU12	Fungicides for Peas
TU14	Checklist of Fungicides & Insecticides for Vining Peas
TU18	Choice of Herbicides for Vining Peas
TU22	Checklist of Herbicides for Vining Pea Crop
TU26	Volunteer Potato Control in Vining Peas
TU32	Pea & Bean Seed Quality
TU33	Seed Treatment for Peas & Beans
TU34	Soil-Borne Disease Test for Pea Fields
TU35	Electrical Conductivity Test for Vining Pea Seed
TU36	Pea Leaf Wax Assessment
TU37	Tenderometer Standardisation & Maintenance
TU38	Optional Extra Services
TU39	Maize in the rotation
TU41	Cover crops and legume based rotations
TU42	Soil Sampling Guidelines
TU43	Vining Pea – Seed & Sowing
TU44	Vining Pea – Sowing
TU45	Vining Pea – Growth & Harvest
TU46	Vining Pea – Post Harvest

## OTHER USEFUL PUBLICATIONS AND SOURCES OF INFORMATION

**Pests, diseases and disorders – PGRO booklet**      **Irrigation of vining peas – HDC Factsheet**

**Colour handbook of pests, diseases and disorders of peas and beans – Manson Publishing**

**Crop Walkers' Guide - Pea and bean – Horticultural Development Company (HDC)**

**Pea aphid – HDC Factsheet**

**Silver Y moth – HDC Factsheet**

**Yes Peas** [www.peas.org](http://www.peas.org)

**British Society of Plant Breeders**  
[www.bspp.co.uk](http://www.bspp.co.uk)

**Agriculture and Horticulture Development Board**  
[horticulture.ahdb.org.uk](http://horticulture.ahdb.org.uk)

**UK Vining Pea Industry Conference**  
[www.ukpeasandbeans.com](http://www.ukpeasandbeans.com)



2018



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This guide is produced with the financial assistance  
of the Agriculture and Horticulture Development Board

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