

Plant breeders
since 1898

Product catalogue

2024 / 25

vanwaveren.de



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About
van Waveren

Plant breeding: experience & innovation

Our mission is to develop robust, high-yielding and multi-resistant vegetable seed varieties. The van Waveren company has years of experience in this sector. Founded in 1898, van Waveren has offered its customers breeding, production, consulting and sales from one single source for over a century. We are market leaders in the breeding of top quality vegetable seeds.

Seeds: quality & inspection

We breed, produce and supply a comprehensive range of pea seeds, as well as bean and sweetcorn seeds. Our product range also includes edamame and protein pea seeds for human consumption and pole bean seeds for intercropping with silage corn for dairy production. Our vegetable varieties are optimised to match the different climate conditions in our target countries. Our multiplication sites are steadily increasing and we currently produce seeds on a total area of approx. 7500 hectares, spread over four continents. Our production processes undergo strict and comprehensive inspections to ensure that our customers receive only high quality seed.



List of
Pea varieties

In order of maturity



Wrinkled Seeded Peas

VARIETY	LEAFTYPE	GROWTH CHARACTERISTICS				POD			% PEA GRADES						SEED				RESISTANCES				VARIETY
		days to maturity relative to KISS	heat units (°C)	average height cm	nodes to 1st flower	number of pods per fertile node	shape of pods	peas per pod	(% sieve size in mm at		TR 100 - 110)				weight of 1000 seeds in g approx.	plant stand per m²	seed rate appr. kg/ha	seed rate units/ha	P E M V	F o p 1	E p	P v	
ALOHA	n	-1	660	65 - 70	9 - 10	2	pointed	7 - 9	2	5	36	44	13	3,6	220	110 - 130	240 - 280	11 - 13		HR		IR	ALOHA
ALVARIO (WAV 4120)	n	-1	665	65 - 70	10 - 11	1 - 2	blunt	7 - 9	4	11	36	38	13	3,5	195	110 - 130	215 - 255	11 - 13	IR	HR		IR	ALVARIO (WAV 4120)
KISS	n	0	675	70 - 75	9 - 10	2	blunt	7 - 8	2	6	37	50	5	3,5	210	100 - 120	190 - 250	10 - 12		HR		IR	KISS
BONFIRE	af	1	690	55 - 60	9 - 10	2 - 3	blunt	7 - 9	2	11	61	26	0	3,1	175	110 - 130	190 - 225	11 - 13	IR	HR		IR	BONFIRE
WINNER	n	1	695	60 - 65	9 - 10	1 - 2	blunt	7 - 8	6	10	36	38	10	3,4	200	90 - 110	180 - 220	9 - 11		HR			WINNER
CARGO	n	2	705	65 - 70	9 - 10	2 - 3	blunt	8 - 9	4	7	43	39	7	3,4	190	100 - 110	190 - 210	10 - 11		HR		IR	CARGO
CABALLERO (WAV 975)	af	3	705	70	11 - 12	2 - 3	blunt	7 - 9	5	10	37	39	9	3,4	190	90 - 110	170 - 210	9 - 11	IR	HR	HR	IR	CABALLERO (WAV 975)
FIORINO	n	3 - 4	715	65 - 70	10 - 11	3	pointed	8 - 9	5	27	45	23	0	2,8	160	90 - 110	190 - 210	9 - 11	IR	HR	IR	IR	FIORINO
STYLE	af	4	735	65 - 70	10 - 11	2	blunt	7 - 8	0	10	24	32	34	3,9	200	90 - 110	180 - 220	9 - 11		HR			STYLE
BELVEDERE	n	4	740	60 - 65	10 - 11	3 - 4	blunt	7 - 9	2	10	55	30	2	3,2	185	90 - 110	165 - 205	9 - 11	IR	HR		IR	BELVEDERE
SIENNA	n	4	740	55 - 60	10 - 11	2 - 3	blunt	6 - 8	1	5	24	51	19	3,8	220	90 - 110	200 - 240	9 - 11		HR			SIENNA
FELICIO (WAV 168)	af	4	740	70 - 75	13 - 14	2	blunt	8	2	10	55	30	3	3,5	180	90 - 110	160 - 200	9 - 11	IR	HR	IR	IR	FELICIO (WAV 168)
GUSTY	af	6	770	70 - 75	11 - 12	2	blunt	8 - 9	2	7	30	41	20	3,7	190	90 - 110	170 - 210	9 - 11		HR			GUSTY
LAREX	n	6	770	75 - 80	12 - 13	2	blunt	6 - 8	6	17	42	34	1	3,1	165	90 - 110	150 - 180	9 - 11		HR			LAREX
PREFERENCE	af	7	790	70 - 75	12 - 13	2	pointed	9 - 10	2	8	32	44	14	3,6	200	90 - 110	180 - 220	9 - 11		HR	HR		PREFERENCE
MARIMBA	n	7	790	60 - 65	13 - 14	3 - 4	blunt	8 - 9	2	10	55	30	3	3,2	185	90 - 110	170 - 205	9 - 11	IR	HR	IR	IR	MARIMBA
LYRIC	n	8	800	65 - 70	13 - 14	3 - 4	blunt	8 - 10	1	7	54	36	2	3,3	190	90 - 110	175 - 210	9 - 11	IR	HR		IR	LYRIC
ESPRIT	n	8	800	65 - 70	13 - 14	2 - 3	blunt	7 - 9	3	8	36	42	11	3,5	200	80 - 100	170 - 200	8 - 10		HR			ESPRIT
MARQUIS	af	9 - 10	820	65 - 70	13 - 14	3 - 4	blunt	9 - 10	10	25	50	15	0	2,9	160	90 - 100	150 - 170	9 - 10	IR	HR		IR	MARQUIS
BOOGIE	af	10	825	65 - 70	13 - 14	2 - 3	blunt	7 - 9	2	6	30	44	18	3,7	210	80 - 100	170 - 210	8 - 10		HR	HR		BOOGIE
LEGACY	n	10	830	70 - 75	15 - 16	3	blunt	8 - 9	6	10	35	37	13	3,4	200	80 - 100	170 - 200	8 - 10	IR	HR	HR		LEGACY
QUERIDA	n	10	830	65 - 70	15 - 16	3	blunt	9 - 11	2	6	37	50	5	3,5	200	80 - 100	170 - 200	8 - 10	IR	HR	IR	IR	QUERIDA
DANCER	af	11	845	75 - 80	15 - 16	3 - 4	pointed	9 - 11	4	13	51	30	2	3,1	175	90 - 100	150 - 180	9 - 10	IR	HR	IR	IR	DANCER
VIDOR	n	12	850	70 - 75	14 - 15	2 - 3	blunt	8 - 9	1	5	36	38	20	3,6	185	80 - 100	170 - 200	8 - 10	IR	HR	HR		VIDOR
EXPO	n	12	855	70 - 75	14 - 15	3 - 4	blunt	8 - 9	6	21	58	15	0	2,8	140	80 - 100	115 - 140	8 - 10		HR	IR		EXPO
SERGE	af	12	855	75 - 80	15 - 16	2	pointed	9 - 11	5	5	35	35	20	3,6	180	80 - 100	160 - 180	8 - 10	IR	HR	IR		SERGE
DARLIN	af	12	855	70 - 75	15 - 16	3 - 4	pointed	9 - 11	10	25	50	15	0	2,7	160	80 - 100	140 - 170	8 - 10	IR	HR	IR	IR	DARLIN
SILAS (WAV 1394)	n	13 - 14	880	75 - 80	16 - 17	2	pointed	11 - 12	5	20	36	34	5	3,0	175	80 - 100	160 - 180	8 - 10	IR	HR	IR	IR	SILAS (WAV 1394)
KIROS	n	14	890	70 - 75	15 - 16	3	blunt	7 - 9	5	12	40	34	9	3,3	170	80 - 100	140 - 170	8 - 10		HR			KIROS
RAINIER	n	15	905	70 - 75	16 - 17	3	blunt	7 - 8	2	10	36	42	10	3,4	180	80 - 100	150 - 180	8 - 10		HR	IR		RAINIER
PLATON	n	15	910	75 - 80	17 - 19	2 - 3	blunt	8 - 9	0	10	25	45	20	3,7	200	80 - 100	170 - 200	8 - 10	IR	HR	IR	IR	PLATON
BANJO	n	15 - 16	915	65 - 70	17 - 18	3	blunt	7 - 9	5	20	45	25	5	3,0	160	80 - 100	140 - 170	8 - 10	IR	HR	IR	IR	BANJO
BALLADE	af	18	950	75 - 80	18 - 19	3 - 4	pointed	7 - 9	5	20	55	20	0	2,9	160	80 - 100	140 - 170	8 - 10	IR	HR	IR	IR	BALLADE

PLS Pure line seeds

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Leaf type	Resistances	Definition according to ISF rules (International Seed Federation)
af n	afila, reduced leaves normal leaves	PEMV Pea Enation Mosaic Virus Fop 1 Fusarium oxysporum f. sp. pisi race 1 (Fusarium wilt) Ep Erysiphe pisi (Oidium, Powdery mildew) Pv Peronospora viciae = Downy Mildew
		IR intermediate / moderate resistance HR high / standard resistance

List of Petit Pois varieties

In order of maturity



VARIETY	LEAFTYPE	GROWTH CHARACTERISTICS				POD			% PEA GRADES		AT TR 110 - 120			SEED				RESISTANCES				VARIETY
		days to maturity relative to KISS ¹	heat units (° C)	average height cm	nodes to 1st flower	pods per node	shape of pod	peas per pod	I XF < 7,5	II VF 7,5 - 8,25	III F 8,25 - 8,75	IV M 8,75 - 9,25	average grading	weight of 1000 seeds in g appr.	plant stand per m ²	seed rate appr. kg/ha	seed rate units/ha	PEMV	Fop 1	Ep	Pv	
NATALIE	n	4	735	65	10 - 11	2 - 3	blunt	8 - 10	25	55	20		1,95	105	90 - 110	95 - 115	9 - 11		HR		IR	NATALIE
ELOISE	af	6	765	70	12 - 13	2 - 3	pointed	9 - 10	40	50	10		1,7	100	90 - 110	90 - 110	9 - 11	IR	HR		IR	ELOISE
NOELLE	n	9	830	70 - 75	13 - 14	3	pointed	10 - 11	30	55	15		1,85	100	90 - 100	90 - 100	9 - 10	IR	IR	IR	IR	NOELLE
WAVEREX	n	10	830	60 - 65	14 - 15	2	blunt	8	29	36	20	15	2,2	110	90 - 100	100 - 110	9 - 10					WAVEREX
MADELINE	n	10	825	75	14 - 15	3	pointed	10 - 11	40	50	10		1,7	90	80 - 100	75 - 90	8 - 10	IR	IR	IR	IR	MADELINE
SATURINO (WAV 4073)	n	11	840	70 - 75	14 - 15	2 - 3	pointed	9 - 10	49	41	10		1,6	90	90 - 100	90 - 100	9 - 10	IR	HR	HR	IR	SATURINO (WAV 4073)
ZARA	af	16	915	85 - 90	15 - 16	3	pointed	8	30	55	15		1,85	100	80 - 100	75 - 90	8 - 10	IR	HR	IR	IR	ZARA

¹ KISS maturity 0 days = 675 heat units

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Leaftype

- af afila, reduced leaves
- n normal leaves

Resistances

- PEMV Pea Enation Mosaic Virus
- Fop 1 Fusarium oxysporum f. sp. pisi race 1 (Fusarium wilt)
- Ep Erysiphe pisi (Oidium, Powdery mildew)
- Pv Peronospora viciae = Downy Mildew

Definition according to ISF rules (International Seed Federation)

- IR intermediate / moderate resistance
- HR high / standard resistance

List of Bean varieties

In order of sieve size



Green Podded Dwarf Beans

VARIETY	VEGETATION		PODS			SIEVE SIZE IN MM					SEED		SOWING		RESISTANCES			SUITABLE FOR
	appr. matu- rity in days (70 = early)	plant height in cm	colour	shape	appr. length in cm	< 6,5	6,5 - 8	8 - 9	9 - 10,5	>10,5	1000 seed weight in g appr.	colour	plants per m2	seed rate in units/ha	Halo blight (Psp)	Anthrachnose (CL)	BCMV	
EXTRA FINE																		
WAV 16	72	40	medium darkgreen	round	11 - 12	80	20				100	white	30 - 32	3,2	HR	HR	HR	Processing, Freshmarket
NOVALINA (WAV 15)	72	40	medium darkgreen	round	12 - 13	80	20				90	white	30 - 32	3,2	HR	HR	HR	Processing, Freshmarket
ZOLA	70	40	medium green	round	10,5 - 11	65	35				95	white	30 - 32	3,2	HR	HR	HR	Processing
VERY FINE																		
ACOMA (WAV 34)	73	45	medium green	round	12 - 13		75	25			140	white	30 - 32	3,2	HR	HR	HR	Processing, Freshmarket
SHERPA	73	45	medium green	round	11 - 12		70	30			140	white	30 - 32	3,2	HR	HR	HR	Processing, Freshmarket
THOMISA (WAV 37)	72	40	medium green	round	11 - 12		80	20			140	white	30 - 32	3,2	HR	HR	HR	Processing
FINE																		
IMOLA	73	40 - 45	medium green	round	12 - 13		50	50			150	white	30 - 32	3,2	HR	HR	HR	Processing, Freshmarket
WAV 38*	72	45 - 50	medium darkgreen	round	13 - 14		40	60			160	white	30 - 32	3,2		HR	HR	Processing, Freshmarket
MONZA	73	45	medium green	round	12 - 13		10	70	20		170	white	30 - 32	3,2	HR	HR	HR	Processing, Freshmarket
CONTADA	75	40 - 45	darkgreen	round	12			80	20		180	white	30 - 32	3,2	HR	HR	HR	Processing, Freshmarket
CROMA	75	45 - 50	medium green	round	11 - 12			70	30		180	white	30 - 32	3,2	HR		HR	Processing, Freshmarket
MEDIUM FINE																		
MAGELLAN (WAV 60)	73	40	medium green	round	12 - 13			40	60		180	white	30 - 32	3,2	HR	HR	HR	Processing, Freshmarket
WAV 79*	73	40	darkgreen	round	12 - 13			30	70		200	white	30 - 32	3,2	HR	HR	HR	Processing, Freshmarket
KOPA (WAV 78)	75	45	medium green	round	13 - 14				80	20	200	white	30 - 32	3,2	HR		HR	Processing, Freshmarket
ROMANO TYPE																		
ALESIA	73	45	medium green	flat	14 - 15			19 - 20 mm			350 - 400	white	30 - 32	3,2		HR	HR	Processing, Freshmarket
SULLA (WAV 94)	73	40 - 45	medium green	flat	15 - 16			17 - 18 mm			350 - 400	white	30 - 32	3,2	HR	HR	HR	Processing, Freshmarket

* applied for registration

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Resistances

Halo Blight	Pseudomonas savastanoi pv. phaseolicola (Psp.) race 6	BCMV	Bean Common Mosaic Virus (only mosaic)
Anthrachnose	Colletotrichum lindemuthianum Pathotype Lambda (CL)		

Definition according to ISF rules (International Seed Federation)

IR	intermediate / moderate resistance
HR	high / standard resistance

Sweet corn

In order of maturity



PRODUCT CATALOGUE

2024 / 25

SWEET CORN







Sweet corn (fresh market included)

VARIETY	KERNEL		MATURITY	PLANT	EAR				HUSK	TIP FILL	RESISTANCES	VARIETY
	color	number of rows		height in cm	height in cm	length in cm	diameter in cm	shape	protection			
WAV 8144	yellow	20 - 22	74	180	90	20 - 22	5,2 - 5,3	cylindrical	good	well filled	MDMV	WAV 8144
WAV 8070	yellow	16 - 18	76	230	100	22 - 23	4,8 - 4,9	cylindrical	good	well filled	MDMV	WAV 8070
WIM	yellow	16 - 18	80	240	110	22 - 23	4,7 - 4,8	cylindrical	good	well filled	MDMV	WIM

Edamame



EDAMAME



Edamame

VARIETY	SEED	MATURITY	PLANT	AVERAGE TSW	KERNEL	VARIETY
	color	days	height in cm	in g	per pod	
PS1	green	100	60	350	2 - 3	PS1

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Resistances

MDMV Maize Dwarf Mosaic Virus

Fresh market

In order of maturity = peas
In order of sieve size = beans



Wrinkled seeded – Garden peas

VARIETY	LEAFTYPE	MATURITY	HEAT	PLANT	NODES	POD				FRESH SEED	SIEVE	SEED				RESISTANCES			VARIETY
			units	height in cm	to first blossom	Pods per node	average pod length approx. in cm	shape	seed per pod	colour	size	weight of 1000 seeds in g	plant per m²	seed rate appr. kg/ha	seed rate units/ha	PEMV	Ep	Fop 1	
FINOMINA	n	early	725	65	9 - 10	1 - 2	9 - 11	pointed	8	darkgreen	large	270	80 - 90	215 - 250	8 - 9				FINOMINA
GRANDERA	af	medium early	770	70 - 75	11 - 12	2	10 - 10,5	pointed	8 - 10	darkgreen	large	appr. 300	80 - 100	250 - 300	8 - 10			HR	GRANDERA
BUDDY	n	medium early	790	70 - 75	13 - 14	2	9,5	blunt	8	darkgreen	large	appr. 300	80 - 90	270 - 300	8 - 9			HR	BUDDY
EDDY	n	medium late	850	75 - 80	15 - 16	2	11 - 12	pointed	9 - 11	darkgreen	large	appr. 260	80 - 90	230 - 250	8 - 9		IR		EDDY
AMBASSADOR	n	medium late	855	75 - 80	15 - 16	2	7,5 - 8	blunt	8 - 9	darkgreen	medium	appr. 200	80 - 90	170 - 200	8 - 9	IR	IR	HR	AMBASSADOR

Green podded Dwarf beans

VARIETY	VEGETATION		PODS			SIEVE SIZE IN MM					SEED		SOWING		RESISTANCES			VARIETY
	appr. maturity in days (70 = early)	plant height in cm	colour	shape	appr. length in cm	< 6,5	6,5 - 8	8 - 9	9 - 10,5	>10,5	1000 seed weight in g appr.	colour	plants per m2	seed rate in units	Halo blight (Psp)	Anthravnose (CL)	BCMV	
MEDIUM FINE																		
MAGELLAN (WAV 60)	73	40	medium green	round	12 - 13			40	60		180	white	30 - 32	3,2	HR	HR	HR	MAGELLAN (WAV 60)
KOPA (WAV 78)	75	45	medium green	round	13 - 14				80	20	200	white	30 - 32	3,2	HR		HR	KOPA (WAV 78)
ROMANO TYPE																		
ALESIA	73	45	medium green	flat	14 - 15				19 - 20 mm		350 - 400	white	30 - 32	3,2		HR	HR	ALESIA
SULLA (WAV 94)	73	40 - 45	medium green	flat	15 - 16				17 - 18 mm		350 - 400	white	30 - 32	3,2	HR	HR	HR	SULLA (WAV 94)

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Resistances

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Fop 1	Fusarium oxysporum f. sp. pisi race 1 (Fusarium wilt)		race 6	MDMV	Maize Dwarf Mosaic Virus
Ep	Erysiphe pisi (Oidium, Powdery mildew)	Anthravnose	Colletotrichum lindemuthianum Pathotype Lambda (CL)		
Pv	Peronospora viciae = Downy Mildew				

Definition according to ISF rules (International Seed Federation)

IR	intermediate / moderate resistance
HR	high / standard resistance





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