

Catalogue.



kwsvegetables.com

SEEDING THE FUTURE **SINCE 1856**





The story of KWS Vegetables reflects the entrepreneurial spirit that has driven KWS and Pop Vriend Seeds for generations. From their humble beginnings - KWS in sugarbeet breeding and Pop Vriend in vegetable seeds - both companies have always been driven by a restless curiosity and an ongoing hunger for fresh challenges. In 2019, their paths crossed as the next generation carried forward this pioneering mindset. Our rock-solid commitment to bold, fresh-forward-thinking innovation continues to shape the journey of KWS Vegetables today. By pushing boundaries and exploring new paths, we create sustainable, impactful vegetable seed solutions for generations to come.

Our Customer Team Processing Industry Beans & Spinach is ready to start a Fresh Journey with you.



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Customer Team Processing Industry Beans & Spinach Europe

At KWS Vegetables, we're committed to working side by side with our customers. That's why we like our breeders and advisors to be close to the market, with their boots on the ground. Our dedicated Customer Team for Processing Beans & Spinach focuses entirely on this segment, allowing us to concentrate on what truly matters to you. Together, we'll break new ground and create innovations that make a real difference.

KWS Vital Pack[™] For Processing Beans.

The journey from seed to plant is full of challenges. Biotic and abiotic stressors are an increasing threat to crop resilience. We introduce you the KWS Vital PackTM: equipped with solutions to make your spinach crops more resilient and protect them at all times.

KWS Vital Pack™
RustPROTECT

kws vital Pack™ DroughtDEFENSE Offers an advanced protection that combats the fungus responsible for rust and preventing its spread.

Varieties: Jaguar

Varieties specially bred for their ability to survive and grow in low-water environments and provide productivity under drought stress.

Varieties: Camaro

Green Beans															
	Variety	Maturity		Sieve	sizes in m	m (%)		Length	Colour		Resist	ances		TSW	KWS Vital Pack™
		Sintra	< 6.5	6.5 - 8	8 - 9	9 - 10.5	10.5 >	(cm)		Psp	BCMV	CI	Ua	(gr)	
Green Beans Extra Fine															
7	Hawaii	+3	75	25				12 - 13	mdg	HR	HR	HR		100	
7	Lavezzi	+4	70	30				12 - 13	mdg	HR	HR	HR		100	
	Sulawesi	+2	70	30				11 - 12	mdg	HR	HR	HR		100	
	Zanzibar	+0	65	35				11 - 12	mdg	HR	HR	HR		105	
EXP	PV-4012	+4	90	10				12-13	mg	HR	HR	HR		100	
EXP	PV-4014	+2	70	30				11-12	mdg	HR	HR	HR		100	
Green Beans Very Fine															
7	Mustang	+3		95	5			12 - 13	mdg	HR	HR	HR		120	
	Cavani	+2		80	20			12 - 13	mdg	HR	HR	HR		150	
EXP	PV-4032	+2	10	90				13 - 15	dg	HR	HR	HR		160	
EXP	PV-4033	+1		100				12-13	mg	HR	HR	HR		160	
	Green Bear	ns Fine)												
	Stefano	+1		45	55			12 - 13	mg	HR	HR	HR		140	
	Koala	+2		40	60			12	mg	HR	HR	HR		170	
7	Spyker	+3		30	70			12-13	mdg	HR	HR	HR		160	
	Maserati	+0			90	10		13	vdg	HR	HR	HR		200	
7 P	Rimember	+1			80	20		12 - 13	dg	HR	HR	HR		175	
EXP	PV-994	-1		20	80			12-13	mg	HR	HR	HR		180	
EXP	PV-4019	+1		30	70			13-15	dg	HR	HR			220	
Green Beans Medium Fine & Large															
	Sintra	+0			30	70		12	mg	HR	HR	HR		210	
NEW	Capello / PV-998	+2			30	70		12	mg	HR	HR	HR		200	
Р	Jaguar	+2			5	90	5	14 - 15	vdg		HR	HR	IR	240	RustPROTECT
EXP	Camaro	-1				90	10	14 - 15	mg		HR	HR		245	DroughtDEFENSE

golden yellow

gy



Year After Year a Stable Grade.

STEADY SEVENS

Lower your costs with our Steady Sevens: The most predictable beans for the processing industry. **Varieties:** Hawaii, Lavezzi, Mustang, Spyker, Rimember, Goldstrike.

- Harvest what you plan Reliable yields and quality.
- Peace of mind for your operation
 Flexible to harvest.
- → Income guarantee for your contract growers

 Predictable yields even in harsh conditions.







Wax Beans														
Variety	Maturity		Sieve	sizes in m	ım (%)		Length	Colour		Resist	ances		TSW	KWS Vital Pack™
	Sonesta	< 6.5	6.5 - 8	8 - 9	9 - 10.5	10.5 >	(cm)		Psp	BCMV	CI	Ua	(gr)	
Wax Beans Very Fine														
Goldplay	+4		65	35			11 - 12	ду	HR	HR	HR		120	
Wax Beans Fine														
NEW Goldfinger / PV-992	+2		30	75			12 - 13	my	HR	HR	HR		150	
Wax Beans Medium Fine														
⑦ P Goldstrike	+2			20	80		13 - 15	my		HR	HR		240	

	Flat Beans										
	Variety	Maturity	Pod length	Pod width	Colour		Resist	ances		TSW	KWS Vital Pack™
		Navajo		(mm)		Psp	всму	CI	Ua	(gr)	
	Flat Beans										
	Poseidon	+ 2	13 - 15	18 - 20	mdg	HR	HR	HR		460	
	Navajo	0	14 - 16	19 - 21	mdg			HR		480	
Р	Platini	+ 3	14 - 17	20 - 22	mdg		HR	HR		400	
NEW	Giroud / PV-4009	+3	18 -20	17 - 19	mdg	HR	HR	HR		420	

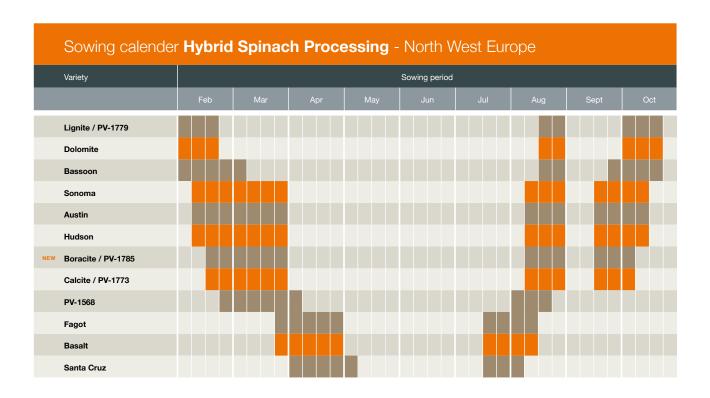
Same service, same people, different package.

KWS and Pop Vriend Seeds joined forces to chase a common goal: supporting healthy diets by providing innovative and sustainable vegetable seed solutions under the KWS flag.

One company, one mission, the same pioneering spirit as ever.



٠	Hybrid Spinach Processing - North West Europe												
Va	ariety	Growth	Bolting	Downy Mildew Resistance	KWS Vital Pack™								
Li	ignite / PV-1779	9	2	Pe. 1-18, 20									
D	olomite	9	3	Pe. 1-20									
В	assoon	9	4	Pe. 1-12, 14-16, 19, 20									
Sc	onoma	8	6	Pe. 1-15, 17, 19, 20									
Aı	ustin	8	6	Pe. 1-18, 20									
Н	ludson	8	6	Pe. 1-11, 13, 15, 16, 18, 20									
NEW B	oracite / PV-1785	7	6	Pe. 1-19									
C	alcite / PV-1773	7	6	Pe. 1-19									
P	V-1568	7	7	Pe. 1-15, 17, 18 IR: Pe. 16									
Fa	agot	5	8	Pe. 1-9, 11-15, 17, 19, 20 IR: Pe. 10, 16, 18									
В	asalt	5	8	Pe. 1-9, 11-15, 17, 19, 20 IR: Pe. 10, 16, 18									
Sa	anta Cruz	4	8	Pe. 1-15, 17, 19, 20									



Growth rate

1 = Very slow growth

9 = Very fast growth

Bolting tolerance

1 = Low bolting tolerance

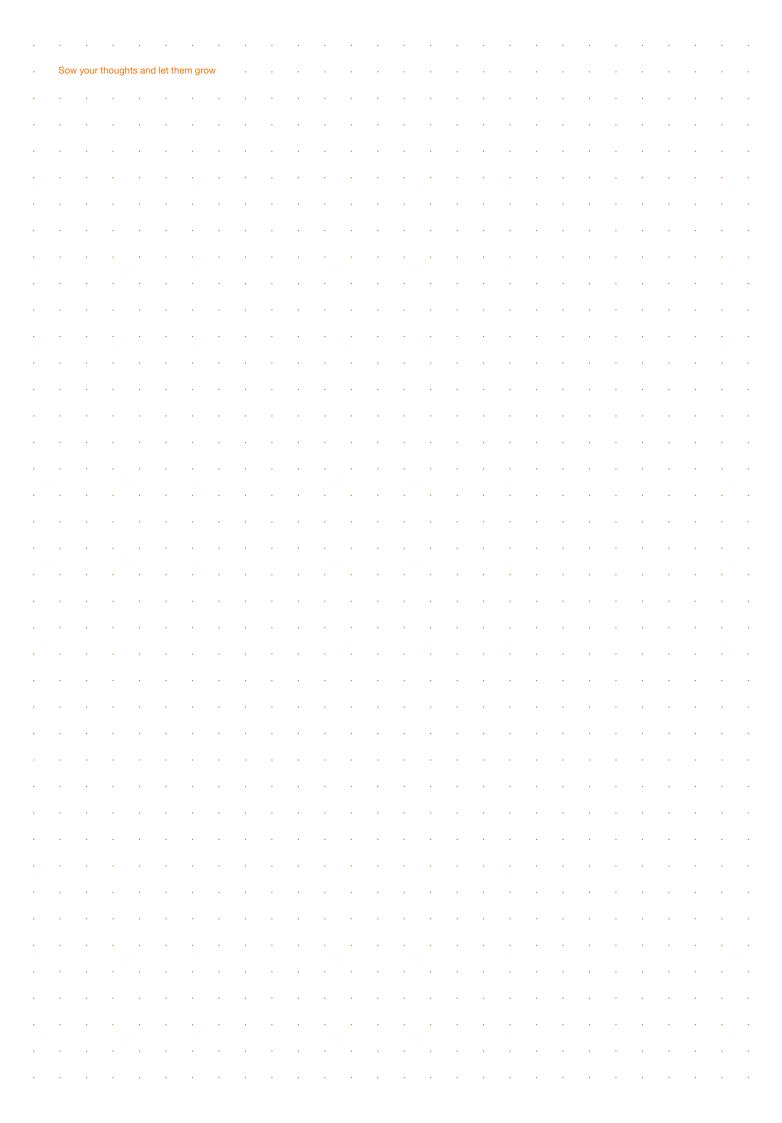
9 = High bolting tolerance

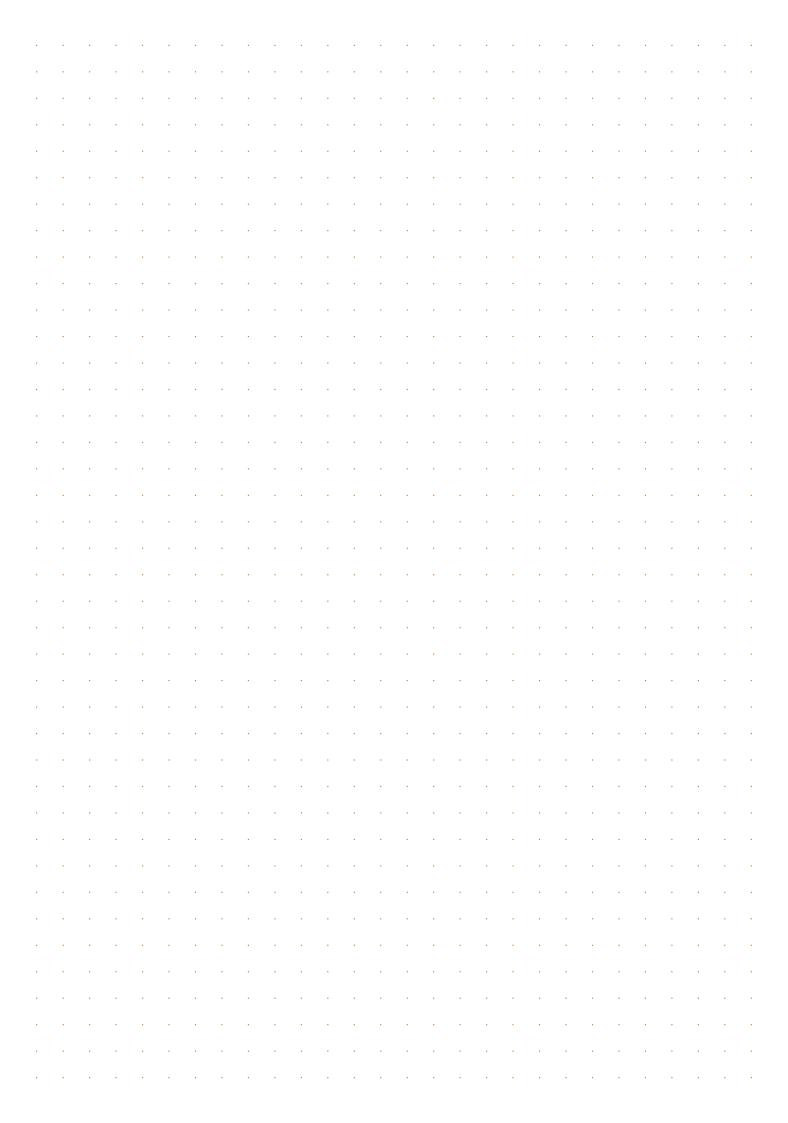
Sowing period
General recommendation;
varies per region

Resistance

Pe. Peronospora effusa

IR Intermediate Resistance





Figures and information in this brochure are based on the average results of large scale plantings under European conditions and may vary with local environmental and agronomic conditions, grower skills, microclimate and soil structure. Resistance is the ability of a plant variety to restrict the growth and development of a specific pest or pathogen and/or the damage they cause when compared to susceptible plan varieties under similar environmental conditions and pest or pathogen pressure. Resistant varieties may exhibit

KWS Vegetables Netherlands B.V. does not accept liability based on the information in this brochure for deviating results in the cultivated product. Buyers and users of KWS Vegetables Netherlands B.V. varieties are responsible to determine suitability of the seeds to intended cultivation and local circumstances.

All contracts for delivery of goods are subject to our general terms of sales and delivery, which you can download from our site www.kwsyeretables.com. You can also ask for a copy by e-mail via info@kws.com.

Please check our website for the most updated technical specifications of our varieties

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