


# Beans Seed Catalogue.

Fresh Market Beans  
Europe & Africa 2024/2025  
Technical Specifications  
Powered with Pop Vriend Genes 



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SEEDING  
THE FUTURE  
SINCE 1856

**KWS**





# FOLLOW THE FRESH TRAIL.

Pioneers in Vegetable.  
Seed Breeding since 1956.  
**A Journey of Paving New Ways.**

Powered with **Pop Vriend Genes** 

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 Fresh Market Beans is ready to start a Fresh Journey with you.



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## **Customer Team Fresh Market Beans Europe & Africa**

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 Fresh Market Beans 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 Fresh Market 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 Pack™: equipped with solutions to make your spinach crops more resilient and protect them at all times.

## KWS Vital Pack™ HeatCONTROL

Designed to reduce the damaging effects of high night temperatures on pod setting. With HeatCONTROL your beans can provide stable yields, even in the most stressful conditions.

**Varieties:** PV857, Sanford, Lunar, Raptor, Firebird

## KWS Vital Pack™ RustPROTECT

Offers an advanced protection that combats the fungus responsible for rust and preventing its spread. **Varieties:** PV857, Sanford, Lunar, Raptor, Firebird, Jaguar, Turaco, Albatros / PV-991, Lomami, PV-4037, PV-4038

## KWS Vital Pack™ WhiteflyCONTROL

Provides a powerful defense mechanism against whitefly and combats this insect at various life stages to reduce populations and minimize the risk of virus transmission. **Varieties:** PV857

## KWS Vital Pack™ DroughtDEFENSE

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

**Varieties:** Silverado, Camaro

# Let's talk Beans.

The Fresh Beans category in supermarkets is quite diverse. For this reason, we look beyond just the technical specifications of beans. We've organized our product range into distinct segments, focusing on how our beans are being used and experienced.

## Green Beans

A versatile selection of mainstream beans, perfect for all types of retail operations and everyday meals.

Variety	Maturity	Sieve sizes in mm (%)					Length	Colour	Resistances				TSW	KWS Vital Pack™
	Jaguar	< 6.5	6.5 - 8	8 - 9	9 - 10.5	10.5 >	(cm)		Psp	BCMV	CI	Ua	(gr)	

### Green Beans Fine

<b>Fuego</b>	-2		40	60			12 - 13	vdg	HR	HR			200	RustPROTECT
<b>Maserati</b>	-2			90	10		13	vdg	HR	HR	HR		200	HeatCONTROL
<b>EXP PV-4037</b>	+0		30	70			13 - 14	vdg	HR	HR		IR	200	HeatCONTROL RustPROTECT
<b>EXP PV-4038</b>	+0		20	80			13 - 14	vdg	HR	HR		IR	200	RustPROTECT

### Green Beans Medium Fine

<b>P Jaguar</b>	+0			5	90	5	14 - 15	vdg	HR	HR	IR	IR	240	RustPROTECT
<b>Sanford</b>	+0			25	75		14 - 15	dg	HR	HR	IR	IR	240	HeatCONTROL RustPROTECT
<b>P Lunar</b>	+0			10	85	5	14 - 15	dg	HR	HR	IR	IR	240	HeatCONTROL RustPROTECT
<b>NEW Firebird / PV-979</b>	0			20	80		14	dg	HR	HR	IR	IR	290	RustPROTECT
<b>P PV857</b>	-3				60	40	12 - 15	dg	HR	HR	IR	IR	270	HeatCONTROL RustPROTECT WhiteflyCONTROL

## Sweet Beans

A unique selection of beans with a naturally sweet taste, ideal for those who prefer a sweeter flavor.

Variety	Maturity	Sieve sizes in mm (%)					Length	Colour	Resistances				TSW	KWS Vital Pack™
	Sonesta	< 6.5	6.5 - 8	8 - 9	9 - 10.5	10.5 >	(cm)		Psp	BCMV	CI	Ua	(gr)	

### Sweet Beans

<b>NEW Goldfinger / PV-992</b>	+4		10	75	15		12 - 13	my	HR	HR	HR		145	
<b>Tambora</b>	+1			60	40		13	my	HR	HR	HR		180	
<b>Golden Goal</b>	+4				80	20	14	gy		HR		IR	260	

<b>P</b> US Patent	<b>Colour Intensity</b>	<b>Resistances</b>	<b>English name</b>	<b>Resistance level</b>
<b>EXP</b> Experimental	<b>mg</b> medium green	<b>Code</b> Scientific name	<b>HR</b> Halo Blight	<b>IR</b> Intermediate Resistance
<b>Magma Collection</b>	<b>mdg</b> medium dark green	<b>Psp</b> Pseudomonas savastanoi pv. Phaseolicola (race 2)	<b>BCMV</b> Bean Common Mosaic	<b>HR</b> High Resistance
	<b>dg</b> dark green	<b>CI</b> Colletotrichum lindemuthianum (race 55)	<b>Ua</b> Uromyces appendiculatus (most races)	
	<b>vdg</b> very dark green			
	<b>my</b> medium yellow			
	<b>gy</b> golden yellow			

# Hail Storms. Blazing Heat.

## THE MAGMA COLLECTION

Deliver what you have planned.

Varieties with built-in heat genes:

PV857, Lunar, Sanford, Firebird / PV-979

- **Lower risk on production fluctuations**  
Enjoy peace of mind with more predictable yields, even in stress and heat conditions.
- **Year-round supply**  
Magma varieties perform well even in stressful conditions like heat, resulting in a steady, year-round supply.
- **Happy consumers**  
Fresh, dark green pods on retailer's shelves create a positive impression among consumers.

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## Pole Beans

Grown on poles, these beans offer a gourmet experience, adding a refined touch to any meal.

Variety	Maturity	Sieve sizes in mm (%)					Length (cm)	Colour	Resistances				TSW (gr)	KWS Vital Pack™
		< 6.5	6.5 - 8	8 - 9	9 - 10.5	10.5 >			Psp	BCMV	CI	Ua		

### Pole Beans

<b>NEW</b>	<b>Tangier / PV-968</b>		70	30			17	mdg	HR	HR	HR		225	
<b>EXP</b>	<b>PV-967</b>			30	70		17	mdg	HR	HR	HR		175	

## Gourmet Beans

A premium selection for fine dining experiences, bringing finesse to the table.

Variety	Maturity	Sieve sizes in mm (%)					Length (cm)	Colour	Resistances				TSW (gr)	KWS Vital Pack™
		< 6.5	6.5 - 8	8 - 9	9 - 10.5	10.5 >			Psp	BCMV	CI	Ua		

### Gourmet Beans Very Fine

<b>NEW</b>	<b>Albatros / PV-991</b>	-1	70	30			14 - 16	dg		HR			180	<b>RustPROTECT</b>
	<b>Turaco</b>	+2	70	30			14 - 16	mdg		HR	HR		230	<b>RustPROTECT</b>

### Gourmet Beans Fine


	<b>Moonstone</b>	-1	30	70			13 - 15	v dg	HR	HR			200	
	<b>Boston</b>	+3	20	70	10		12 - 15	dg	HR	HR	HR		190	
	<b>Lomami</b>	+1			75	25	13 - 15	mdg	HR	HR		IR	200	<b>RustPROTECT</b>

### Gourmet Beans Medium Fine

	<b>Douglas</b>	-1	30	70			13 - 15	v dg	HR	HR			200	
<b>EXP</b>	<b>PV-4041</b>	+3	20	70	10		12 - 15	dg	HR	HR	HR		190	
	<b>Homerun</b>	+1			75	25	13 - 15	mdg	HR	HR		IR	200	

**P** US Patent

**EXP** Experimental

 Magma Collection

#### Colour Intensity

**mg** medium green  
**mdg** medium dark green  
**dg** dark green  
**v dg** very dark green  
**my** medium yellow  
**gy** golden yellow

#### Resistances

**Code** Scientific name  
**Psp** Pseudomonas savastanoi pv. Phaseolicola (race 2)  
**BCMV** Bean common mosaic virus  
**CI** Colletotrichum lindemuthianum (race 55)  
**Ua** Uromyces appendiculatus (most races)

**English name**  
**Halo Blight**  
**Bean Common Mosaic**  
**Anthraco**  
**Rust**

#### Resistance level

**IR** Intermediate Resistance  
**HR** High Resistance

**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.**



**We've Got Your Bag.**



# Fresh Market Beans for Europe & Africa. In the **Spotlight.**



## **Jaguar.**

The rich taste and fleshy pods of Jaguar make this variety a true consumer's favorite.



## **Fuego.**

Your first choice for Fresh Market beans, offering excellent performance during hot summer nights.



## **Goldfinger.**

Our newest kid on the block in Sweet Beans in the fine bean segment. No green retention guaranteed.



## **Tangier.**

Tangier beans stand out with their unique, uniform very fine pods, delivering a refined and consistent flavor.

Sow your thoughts and let them grow



