

Vegetable Seeds UK, Ireland & Nordics



# **Our Seminis Events**

Seminis is more than just a breeder of vegetable seeds. It provides solutions for sustainability, from seeds to pesticides, harvest and storage!

We work together with a range of partners to fulfill your needs and want to share this with you during our various events. Make a note in your calendar!

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Week 41 UK Brassica Open Days Boston, United Kingdom

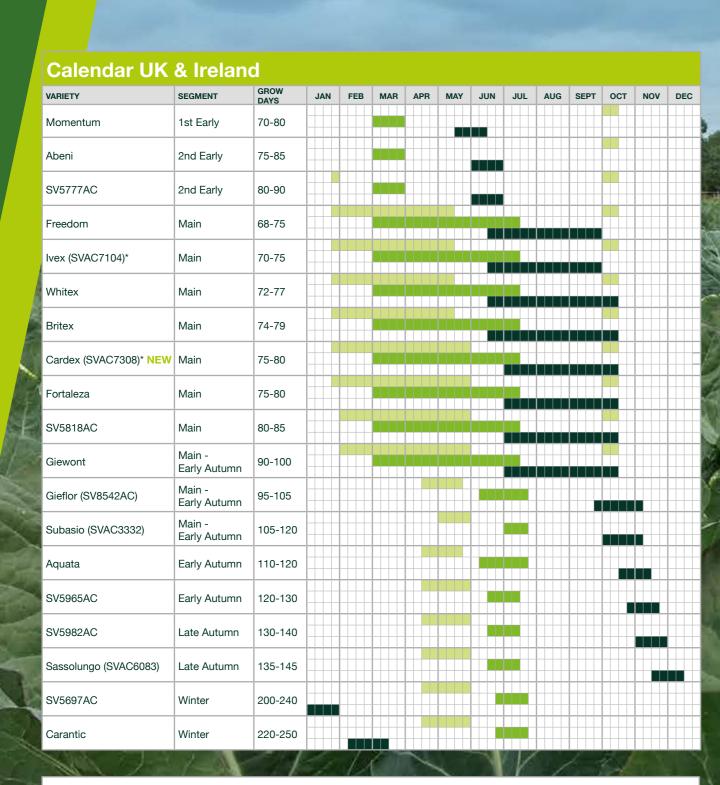
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### **Cauliflower Overview**

### **Cauliflower Overview**



■ Sowing ■ Planting ■ Harvesting



■ Sowing ■ Planting ■ Harvesting

<sup>\*</sup>Subject to approval in the UK. Breeder's Reference SVAC7104 and SVAC7308.

# Introducing Curdivex®

White, bright and easy to harvest cauliflowers.



Since the launch of Whitex in 2019 we have worked hard to expand our Curdivex portfolio. With the introduction of large scale trials of Cardex (SVAC7308), we will now have four Curdivex varieties in our portfolio. This will give growers the opportunity to successionally harvest Curdivex varieties from early June through to late October with Ivex, Britex, Whitex and Cardex.

Ivex is the earliest maturing Curdivex variety in our portofolio, maturing approximately 2 days later than Freedom. Ivex is particularly suited to October sowings in the UK and Ireland and performs well when grown under plastic covers. Britex is most suited to cooler climates with one of its main benefits being its ease of harvest and its small floret size meaning it is particularly interesting for the processing industry. Whitex is next in order of maturity with harvest occurring approximately 3 days later than Britex. Whitex benefits from excellent plant vigour in early summer giving high quality heads for harvest from late June through to the end of the UK summer season.

Cardex (SVAC7308) is our new introduction for 2024, giving the addition of a later maturing Curdivex type to our portfolio. Cardex matures at a similar timing to Fortaleza with the added benefit of the Curdivex white trait.

#### General benefits of Curdivex varieties.

- // Whiter curds
- // Improved field holding
- // Higher percent marketable curds
- // Increased harvest uniformity
- // Quicker more efficient harvest
- // Improved field holding and shelf life







#### Momentum

First early cauliflower giving early entry to the new season market

- // Matures in approximately 70-80 days (UK); 50-80 days (Nordics) from planting
- // One of the earliest maturing hybrid varieties on the market
- // Best suited to larger cell/pot sizes and plastic covered production
- // Concentrated maturity for quicker harvest
- // Easy to see, cut and bag



Abeni

Second early cauliflower with solid, white curds

- // Matures in approximately 75-85 days (UK); 55-85 days (Nordics) from planting
- // Vigorous plant with upright foliage
- // Suitable for covered and uncovered production



Freedom

Summer cauliflower with excellent vernalisation in hotter weather

- // Matures in approximately 70-75 days (UK); 63-73 days (Nordics) from planting
- // Consistent grow days giving reliable harvest planning
- // Reliable curd production in hot weather
- // Vigorous variety especially suited to early summer production



Ivex (SVAC7104)\*

Ivex is a new Curdivex variety particularly suited to October sowings.

- // Matures in approximtely 70-75 days (UK); 63-73 days (Nordics) from planting
- // Good vernalisation in hot conditions
- // Improved colour compared to Freedom
- // Easy to see and harvest
- // Easy to bag
- \*Subject to approval in the UK



#### SV5777AC

Vigorous variety bridging the gap between Abeni and Freedom

- // Matures in approximately 80-90 days (UK); 60-87 days (Nordics) from planting
- // Upright plant habit allowing for quick and efficient harvest
- // Uniform maturity
- // Solid, bright curd with excellent presentation
- // Provides an excellent link between early and main season varieties



Minuteman (Arizona)

Widely adaptable with the ability to perform well in heat

- // Matures in approximately 60-75 days (Nordics) from planting
- // Dense, uniform heads with good colour
- // High yield potential with ability to produce heavy heads
- // Good plant vigour with excellent curd protection



#### Whitex

First of our new bright, white and easy to harvest Curdivex range

- // Matures in approximately 72-78 days (UK); 65-75 days (Nordics) from planting
- // Vigorous, upright plant habit with bright, white curd
- // Easy to harvest due to the curd being more visible
- // Improved field holding compared to other varieties with similar maturity
- // Excellent shelf life with the curd staying whiter for longer



#### **Britex**

New Curdivex variety with excellent processing potential

- // Matures in approximately 74-79 days (UK)
- // Suitable for fresh market and processing
- // Bright white curd with small dense florets
- // Easy to see and harvest
- // Uniform maturity for more efficient harvest



Cardex\* (SVAC7308)

Cardex is a new Curdivex variety which matures at a similar timing to Fortaleza

- // Matures in approximately 75-80 days (UK); 68-78 days (Nordics) from planting
- // Vigorous and upright plant habit
- // Bright white curd colour
- // Tight inner plant jacket
- // Good harvest uniformity
- // Solid and dense curds

\*Subject to approval in the UK



SV5818AC

Vigorous variety with excellent cover and a solid curd harvesting from July to mid-October

- // Matures in approximately 80-85 days (UK); 75-85 days (Nordics) from planting
- // Suitable for both fresh market and processing
- // Upright plant habit with easy to harvest solid curds
- // Solid dense florets suitable for sale as frozen or fresh florets



**Fortaleza** 

High quality face-pack cauliflower

- // Matures in approximately 75-80 days (UK); 68-78 days (Nordics) from planting
- // Upright plant producing solid, smooth curds
- // Dense and solid florets meaning Fortaleza is suitable for both fresh and processing markets
- // Uniform maturity for more efficient harvest



Gieflor (SV8542AC)

New processing variety maturing approximately 5-7 days later than Giewont

- // Matures in approximately 95-105 days (UK)
- // Vigorous, healthy, upright plant habit
- // Solid, heavy curds
- // High yield of excellent quality florets
- // Suitable for fresh market and processing



"Our cauliflower and broccoli hybrids are widely tested in



Subasio (SVAC3332)

Early Autumn variety with good harvest uniformity

- // Matures in 105-120 days
- // Vigorous, upright plant habit
- // Matures between Gieflor and SV5965AC
- // Excellent plant health
- // Solid, dense curd with good colour
- // Well wrapped curd with tight inner jacket
- // Uniform maturity
- // Excellent field holding



SV5965AC

Extremely vigorous plant with excellent curd cover

- // Matures in approximately 120-130 days (UK) from planting
- // Large frame protects a solid, white curd
- // Can be used for fresh market size 6 or 8 cauliflowers
- // Suitable for fresh market or processing



#### Giewont

Popular variety for use in processing markets across North West Europe

- // Matures in approximately 90-100 days (UK) 85-95 days North, 90-100 days South (Nordics) from planting
- // Solid, dense curds giving high yields of quality florets for the processing industry
- // Vigorous variety performing particularly well for September and October harvests

"We have collaborated with Seminis on the Brassica Innovation Day for six years now. It is great to see that Seminis are looking at new and innovative products and not standing still even though they have so many market leading varieties. Since hosting the Seminis Open Day site inclusion of Seminis varieties on our farm has increased and helped develop our business especially products like the Curdivex cauliflower Ivex, Whitex and Cardex and Spinnaker, Titanium and Andersia from your High Rise® broccoli range".

Mick and Mark Nundy, Windy Ridge Veg Ltd





SV5982AC Late Autumn variety maturing in 130-140 days

- // Tall frame with leaves tightly wrapped to the curd making it very easy to bag
- // Fluted leaf wrap provides additional protection to the curd
- // Gives good continuity of harvest when programmed with SV5965AC and Sassolungo



Sassolungo (SVAC6083)
Late autumn variety for harvest in late
November and early December

- // Matures in approximately 135-145 days (UK) from planting
- // Well wrapped cauliflower producing medium to large sized curds
- // Uniform harvest of excellent quality cauliflowers
- // Well proven in Italy and the UK



#### **SV5697AC**

Vigorous variety with excellent frost tolerance

- // Matures in approximately 200-240 days (UK) from planting
- // Suitable for January (Cornwall) and February (Lincolnshire)
- // Light green, deep veined, waxy leaf which gives excellent protection against frost
- // Very healthy foliage
- // Well wrapped curd giving extra protection at a critical time of year
- // Best suited for lower density production



#### Carantic

A vigorous plant with large leaves which have good frost tolerance

- // Matures in approximately 220-250 days (UK) from planting
- // Suitable for February (Cornwall) and March (Lincolnshire)
- // Vigorous plant, large leaves with good frost tolerance
- // High quality, smooth curd with excellent coverage
- // High percentage cut at a difficult time of year
- // Consistent performer in internal and external trials
- // Gives reliable production of winter cauliflower

#### **Broccoli Overview Broccoli Overview** Calendar UK & Ireland Calendar Nordics Spinnaker1 65-70 Main Main 65-70 Main 70-80 Main 65-70 Main 65-70 70-80 SV1002BL Main 65-70 Crucible<sup>1</sup> (SVBL0300) 70-75 75-85 Taipei<sup>1</sup> (SVBL0306) Crucible (SVBL0300) Main 70-75 75-85 Main Andersia 72-77 Taipei (SVBL0306) Main 77-87 80-90 Main 72-78 80-90 Main - Stem 57-72 Pennybridge Main 75-80 80-90 Main - Stem Main - Stem 50-70 57-72 Main - Floret 58-72 60-75 Main - Stem Skyway (SVBL0509) 60-70



SV3277BL (Legacy)

Main season broccoli variety grown in the Nordics & Poland

- // Matures in approximately 65-80 days (Nordics)
- // Heavy, dark green heads with a fine bead
- // High yield potential suitable for both fresh market and processing



#### Ironman

Our number 1 selling broccoli variety for over 15 years in North West Europe

- // Matures in approximately 70-80 days (UK) and 65-80 days (Nordics) from planting
- // Excellent quality domed heads with a fine to medium bead
- // Reliable and consistent supply throughout the growing season
- // Easy to harvest heads which are suitable for normal and mini production

#### Spinnaker\*

New High Rise® variety suitable for early summer and autumn production

- // Matures in approximately 70-80 days (UK) and 65-80 days (Nordics) from planting
- // Uniform to mature with potential for machine harvest
- // Increased head weights and higher percentage of marketable heads compared to Ironman
- // Improved disease tolerance to Systemic Downy Mildew compared to Ironman
- // Excellent quality head with good tolerance to bracting and cateye
- // Improved field holding and hollow stem tolerance compared to Ironman



#### **Shard**

HIGH RISE

Matures at similar timing to Ironman for use for autumn production

- // Matures in approximately 70-80 days (UK) and 65-80 days (Nordics) from planting
- // Vigorous cool season variety best suited to autumn production
- // Excellent head weights and good field holding compared to Ironman
- // Dark green, fine beaded, firm head
- // Uniform maturity which could increase harvest efficiency



#### **Titanium**

Higher head weight, longer lasting

- // Matures in approximately 70-80 days (UK) and 65-80 days (Nordics) from planting
- // Heavy, dense heads with improved field holding and shelf life
- // Easier and more efficient to harvest compared to Ironman
- // Best suited for early summer and autumn production



#### Crucible\* (SVBL0300)

Summer variety with improved heat tolerance, head quality and yield potential compared to our current summer portfolio

- // Matures between Ironman and SV1002BL
- // Good heat tolerance and improved field holding
- // Dense firm heads with fine to medium bead size
- // Improved hollow stem tolerance compared to Ironman
- // Less hollow stem compared to Ironman



"Crucible has a proven high yield potential during the summer months due to its improved heat tolerance and head quality compared to Ironman.

It is also performing well from September sowings for maturity in mid-June".

Gráinne Meade Technical Account Manager

#### SV1002BL

Improved plant health, enhanced crop performance

- // Matures in approximately 75-85 days (UK) and 70-85 days (Nordics) from planting
- // Provides resilience in tough growing conditions due to its excellent disease tolerance
- // Medium bead variety producing heavy, dense and firm crowns
- // Increased harvest uniformity
- // Easier cleaning combined with good hollow stem tolerance
- // Improved tolerance to diseases such as White Blister and Systemic Downy Mildew compared to Ironman
- // Gives excellent continuity of supply when grown with Ironman and Steel





#### **Andersia**

High Rise® variety with excellent uniformity and head weights

- // Matures in approximately 80-90 days (UK) and 72-90 days (Nordics) from planting
- // Easy to harvest variety with less leaves to remove than commercial standards
- // Heavy head with fine bead and excellent green colour
- // Excellent field holding and shelf life
- // Potential to be machine harvested



#### **Steel**

High quality broccoli with a domed head with fine bead size

- // Matures in approximately 80-90 days (UK) and 75-90 days (Nordics) from planting
- // Excellent quality heavy heads with good tolerance to hollow stem, spear rot and Systemic Downy Mildew especially in September and October
- // Gives good continuity of supply when grown with Ironman/Titanium and SV1002BL



#### Pennybridge

Sweet and tender multi harvest stem broccoli giving excellent taste and quality

- // Main head appears in approximately 50-60 days post planting - pinch out at thumbnail size
- // Multi-harvest variety with side shoots ready approximately 7-10 days after main head is removed
- // Can harvest stems approximately 3 days sooner than with Sibsey
- // Less leaves to remove on the stem compared to Sibsey
- // Dark green tender stem



"Bellaverde®, meaning 'Beautiful Green' is the brand of our stem

introduced around 10 years ago and has proved to be very popular with growers, retailers and consumers,

broccoli range. Sibsey was

more recently we have added



#### Skyway\* (SVBL0509)

Skyway is a new variety in our portfolio which complements Skytree for Autumn harvest of florets for processing.

- // Matures approximately 10 days later than Skytree
- // Uniform maturity
- // Floret type with segmented head and longer floret stems
- // Fine bead size with less yellow halo on the florets
- // Less leaves to remove and good field holding so ideal for machine harvest
- // Good tolerance to systemic downy mildew and crown rot



#### Taipei\* (SVBL0306)

Autumn variety suitable for both fresh market and processing with ability to machine harvest.

- // Matures approx. 2-3 days earlier than Andersia
- // Strong plant vigour
- // Suitable for processing industry and has machine harvest
- // Small floret size with excellent quality and uniform beads
- // Good tolerance to temperature fluctuations
- // Excellent quality florets
- // Easy to harvest



#### Sibsey

Stem broccoli that is prized for its small compact heads which have a tender and sweet stem

- // Main head appears in approximately 53-63 days post planting - pinch out at thumbnail size
- // Dark green stem with fine beaded mini broccoli head
- // Easy to harvest stem

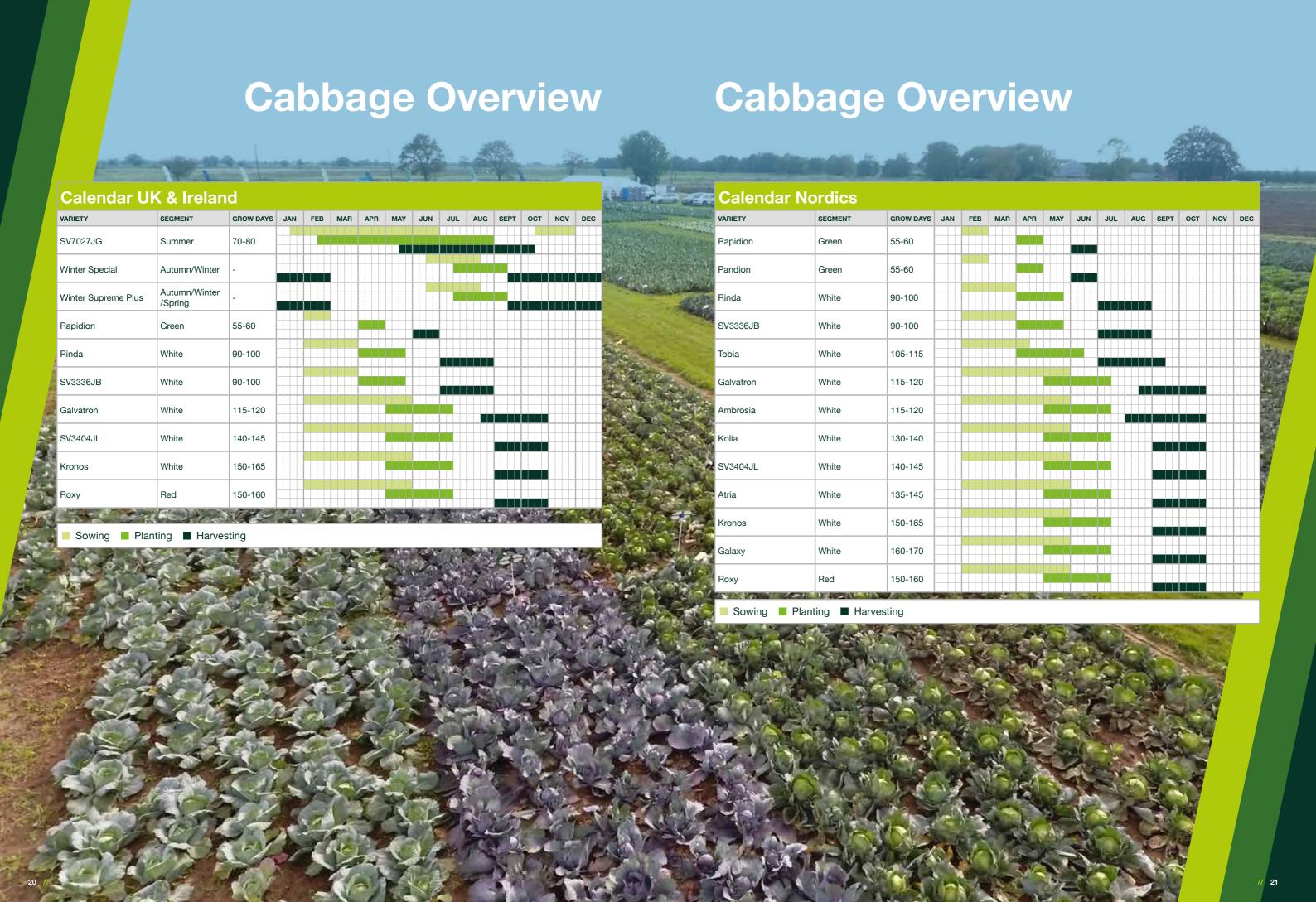


#### Skytree

Produces a raised segmented head for easier harvest and preparation

- // Matures in approximately 65-75 days (UK) and 60-75 days (Nordics) from planting
- // Longer, greener floret stems with less yellow halo on the florets
- // Easier to harvest and prepare
- // Uniform to harvest
- // Potential for machine harvest
- // Best suited to autumn harvest

\*Subject to approval in the UK \*Subject to approval in the UK





**SV7027JG**Suitable for both fresh market and processing giving versatility of end use

- // Matures in approximately 70-80 days from planting
- // Slow to heart Premier Green giving good field holding for summer production



Winter Special
Uniform, high yielding and winter hardy
Premier Green

- // Suitable for harvest through late autumn and winter
- // Uniform growth with excellent harvest window due to slow heart formation
- // Better basal uniformity compared to open pollinated varieties



Winter Supreme Plus
Standard UK winter and early spring
Premier Green

- // Suitable for harvest through late autumn, winter and early spring
- // High quality dark green leaf maturing slightly later than Winter Special
- // Slow to heart with excellent green to yellow ratio
- // Very suitable for processing



#### Cabbage - Green, White, Red and Processing

	Cabbage												
	Approx	a.		Planting	Fresh		End Use						
Variety	Grow Days	Shape	Weight (kg)	Density mk/ha	Market	Processing	Storage	Dutch White Market					
			Early	y Varieties									
Rapidion	55 - 60	Е	0.75 - 1.5	40 - 60	+++	-	-	-					
Pandion	55 - 60	Е	0.75 - 1.5	40 - 60	+++	-	-	-					
Summer Maturing White/Processing Varieties													
Rinda	90-100	Е	4.0-8.0	25-35	++	++	-	-					
SV3336JB	90-100	Е	3.0-6.0	25-35	+++	+++	-	+					
Tobia	105-115	Е	4.0-8.0	25-35	+++	+++	-	-					
		Autun	nn Maturing W	hite/Processi	ng Varieties								
Galvatron	115-120	Е	1.0-3.5	25-45	+++	++	++	+++					
Ambrosia	135-140	F	4.0-8.0	25-30	++	+++	++	-					
Kolia	140-145	F	4.0-8.0	25-30	++	+++	++	-					
SV3404JL	140-145	E	1.0-4.0	30-50	+++	+++	+++	+++					
Atria	145-150	F	4.0-8.0	25-30	++	+++	++	-					
Kronos	150-165	F	4.0-6.0	22-35	+++	+++	+++	-					
Galaxy	160-170	F	4.0-8.0	22-28	++	++	+++	-					
			Red	Varieties									
Roxy	150-160	D	1.0-3.5	25-50	+++	+++	+++	-					

Shape of cabbage:











Rapidion

Light green round cabbage suitable for early summer production

- // Matures in approximately 55-60 days from planting
- // Rapid early growth
- // Produces cabbages of approximately 0.75-1.5kg in weight
- // Good tolerance to cracking



Rinda

Early processing cabbage

- // Matures in approximately 90-100 days from planting
- // Fine internal structure
- // Early entry into the processing market
- // Round to high round heads



**Atria** 

Medium late cabbage for autumn harvest

- // Matures in approximately 145-150 days from planting
- // Dark grey green heads which grow to 4-8kg in weight
- // Excellent as a shredded product for salads
- // Compact internal structure with short core



#### **Kronos**

Industry standard cabbage with high dry matter ideal for coleslaw production

- // Matures in approximately 150-165 days from planting
- // High yielding variety with uniform head size
- // Suitable for long term storage
- // Good disease tolerance



#### **SV3336JB**

Healthy, vigorous variety with dark green leaves

- // Matures in approximately 90-100 days from planting
- // Cabbage set high in the plant for quick and efficient harvest
- // Flat round shape
- // Can reach weights of 3-5kg



#### Galvatron

White cabbage suitable for medium to long term storage

- // Matures in approximately 115-120 days from planting
- // High quality, round heads with abundant wax layer
- // Healthy crop
- // Excellent field holding



#### **SV3404JL**

White cabbage suitable for long term storagee

- // Matures in approximately 140-145 days from planting
- // Erect plant habit with excellent health
- // Produces well filled heads that sit high in the crop
- // Can be grown at varying densities to produce heads from 1-4kg



#### Roxy

Red cabbage suitable for long term storage

- // Matures in approximately 150-160 days from planting
- // Compact, uniform heads with a slight elongated shape
- // Head weights of 1-3.5kg
- // Good tolerance to thrips and leaf disease

# **Carrot Overview**

# **Carrot Overview**

# Carruba Carruba Carribou Carlano Sv5300DN CR1706 SvDC1978 Malbec Recommended harvest / storage period: Sowing Harvest Field condition dependant

V	Carrot Assortment (sorted by	type and maturity)		
ř	VARIETY	SEGMENT	SUB SEGMENTATION	STORAGE
	Carruba	Nantes	Second Early	Short term
Į.	Catania* (SVDN7396)	Nantes	Early Main	Long term
	Caribou	Nantes	Main	Long term
Š	Carlano	Nantes	Main	Long term
á	SV5300DN	Nantes Berlicum	Main	Medium term
1	CR1706	Orange Imperator	Early Main	Long term
	SVDC1978	Orange Imperator	Main	Medium term
100	Malbec	Red Imperator	Main	Short term

<sup>\*</sup>Subject to approval in the UK

	Calendar	Norc	lics										
-	VARIETY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	ост	NOV	DEC
	Carvora												
	Cahoot (SVDN8860)												
	Carruba												
	Catania* (SVDN7396)												
ŵ	Caribou												
	Carlano												
	SV5300DN												
	CR1706												
	SVDC1978												
Ø	Malbec												
	ACTION AND MADE	THE RESERVE OF THE PERSON NAMED IN	THE RESERVE AND	CONTRACTOR OF THE PARTY OF THE	War Bloom	SPEC AVEST	309737053	CHANGE OF THE	MANUAL PROPERTY.		D. Tar Strain Co.	Market 1	1500

Recommended harvest /	storage period:	Sowing	Harvest

Carrot Assortment (sorted by	Carrot Assortment (sorted by type and maturity)										
VARIETY	SEGMENT	SUB SEGMENTATION	STORAGE								
Carvora	Nantes	Second Early	Short term								
Carruba	Nantes	Second Early	Short term								
Catania* (SVDN7396)	Nantes	Early Main	Long term								
Caribou	Nantes	Main	Long term								
Carlano	Nantes	Main	Long term								
SV5300DN	Nantes Berlicum	Main	Medium term								
CR1706	Orange Imperator	Early Main	Long term								
SVDC1978	Orange Imperator	Main	Medium term								
Malbec	Red Imperator	Main	Short term								



Carvora

Early to main season carrot with high yield potential

- // Very good yield potential of high quality carrots
- // Early standard variety for bunching and fresh market
- // Uniform, smooth roots with good shape
- // Suitable for sowing from February until May



Cahoot (SVDN8860)

Early season carrot for trial in 2024 in the Nordic region

- // Healthy variety with vigorous and upright foliage
- // Matures between Carvova and Carruba
- // Early season carrot with smooth and uniform roots
- // Good bolting tolerance



Caribou

A main season carrot with high yield potential which gives strong, cylindrical roots with a good tip finish

- // Dark, upright foliage giving a good strong leaf canopy
- // New variety for the main season in the fresh market segment
- // High yield potential with strong roots
- // Smooth and uniform with a nice cylindrical shape



Carlano

High yielding main season carrot for long storage

- // High yield potential
- // Uniform roots with good strength
- // Strong and healthy dark green foliage, suitable for organic production
- // Suitable for storage until May



#### Carruba

Variety for early season production

- // Dark green healthy foliage
- // Good bolting tolerance
- // Strong and uniform roots with high yield potential
- // Highly versatile variety for harvest from early July to mid September



#### Catania\* (SVDN7396)

A new early main crop variety with earlier maturity than Caribou with erect and healthy tops

- // Early maturing main crop carrot
- // Bridges gap between Carruba and Caribou
- // Strong, vigorous and healthy foliage
- // Healthy leaves with good tolerance to Alternaria
- // Strong and uniform roots with good tip finish
- // Strong tolerance to scab // High yield potential
- // Suitable for long term storage under straw



#### **SV5300DN**

Main season Nantes Berlicum carrot adapted for processing

- // Processing carrot with medium to dark orange colour and cylindrical shape
- // Smooth, bulky root
- // Good cavity spot tolerance in PGRO trials
- // Suitable for processing/deep freezing from trials in Eastern Europe



CR1706

Good quality, uniform, long roots with deep orange colour

- // Early maturing Imperator type
- // Long, smooth roots suitable for fresh market and processing
- // Excellent internal and external colour

28 // \*Subject to approval in the UK



SVDC1978

New imperator carrot for main season production

- // Healthy foliage
- // Long, cylindrical roots with a high percentage of uniform cuts
- // Good internal and external colour
- // Smooth skin finish



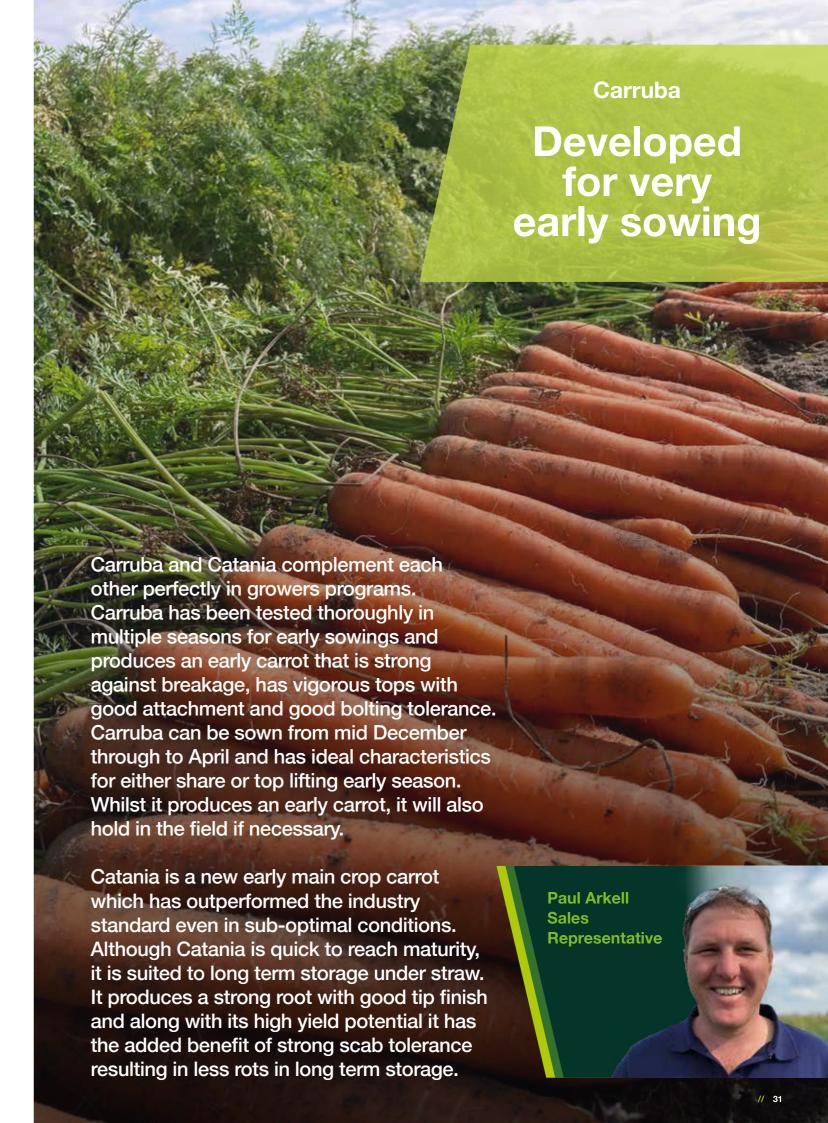
#### Malbec

A red carrot giving colour and diversity in our range

- // Red imperator with very good internal and external colour
- // Smooth, long, uniform roots suitable for marketing as whole roots, slices, plugs or mini carrots
- // Unique product on the market giving an additional colour to mixed carrot packs



Discover the Seminis carrot range



### **Leek Overview**



# Calendar Nordics VARIETY JAN FEB MAR APR MAY JUN JUL AUG SEPT OCT NOV DEC Avastar\* (SVZM0612) Sumstar Galvani Harvesting





#### Avastar\* (SVZM0612)

Early summer dual purpose leek that produces uniform shanks which are easy to strip

- // Improved bolting tolerance compared to Volta
- // Easy to strip giving quick and efficient harvest
- // Uniform shank length
- // Can be used for blocks, modules and direct drilling
- // Dual purpose can be used for pre-pack and loose markets



#### Sumstar

Early summer leek for production from transplants, plant tape and early drilled crops

- // Easy cleaning giving quick and efficient harvest
- // Uniform and upright shanks with good yield
- // Dual purpose suitable for pre-pack and loose production
- // High yield potential with good field holding



#### Gostar

Late autumn variety which is extremely easy to harvest

- // Upright plant habit with healthy leaves and good tolerance to thrips
- // Excellent uniformity at harvest
- // Suitable for pre-pack and loose production
- // High yield potential



#### Galvani

A high yielding flexible variety with excellent winter hardiness

- // Mid to late maturing leek
- // Harvest from late November to April
- // Excellent winter hardiness
- // Upright dark green foliage
- // Well proven over many years production with UK growers

\*Subject to approval in the UK // 33

#### **Lettuce Overview Lettuce Overview** Calendar UK & Ireland Calendar UK & Ireland VARIETY TYPE RESISTANCE VARIETY TYPE RESISTANCE Stallion Icebera HR:BI:16-23.25.31.32EU HR: BI:16-23.25.31.32EU Stallion Icebera Affic HR:BI:16-30,32,33EU Iceberg Affic Iceberg HR: BI:16-30,32,33EU HR:BI:16-26,28,31,32EU IR:LMV:1 Boomerang Iceberg SV3413LC HR:BI:16-35,37EU/Nr:0 IR:LMV:1 SV4896LC Iceberg HR:BI:16-30,32-35EU HR: BI:16-26,28,31,32EU IR: LMV:1 Boomerang Icebero SV6621LA HR:BI:16-33,35,37EU/Nr:0 IR:LMV:1/FoI:1 Green Batavia SV4896LC HR: BI:16-30.32-35EU Iceberg HR: BI:16-20,22-24,27,28,30-32EU SV6621LA Green Batavia HR:Bl:16-33,35,37EU/Nr:0 IR:LMV:1/Fol:1 Bivouac Green Batavia HR:BI:16-37EU/Nr:0 IR:LMV:1 Lollo Rosso HR: BI:16-20,22-24,27,28,30-32EU Xenon HR:BI:16-37EU/Nr:0 IR:LMV:1 Veladero HR:BI:16-34,36EU/Nr:0 IR:LMV:1 Oakleaf (red) Romaine Frillice type HR:BI:16,17EU IR:LMV:1 HR:BI:16,17EU IR:LMV:1 Frillice type HR:BI:17EU/Nr:0 IR:LMV:1 Frillice type Frillasti (SVLF1403) Frillice type HR:BI:17EU/Nr:0 IR:LMV:1 SV3035LF Frillice type HR:BI16-23,25,31,32EU Lettuce Disease Legend Downy mildew Frillice type HR:BI16-23,25,31,32EU Bremia lactucae Lettuce leaf aphid Lettuce mosaic virus



**Stallion**Strong, reliable and well-established variety

- // Consistent and reliable performer
- // Excellent quality uniform heads
- // High percentage of marketable product
- // Good wrapper leaf with tidy closed base



Affic

Quick maturing excellent quality iceberg suitable for whole head production

- // Uniform high-quality heads
- // Well-presented head with excellent basal qualities and nice wrapper leaf
- // Excellent variety for early summer and late autumn harvests



SV6621LA

Dual purpose green Batavia

- // Medium sized frame
- // Good basal attributes
- // Compact head which produces a large number of usable leaves
- // Slower maturing variety with a long harvest window



Xenon
An open field double red Lollo Rosso

- // Good weight, leaf size and colour penetration
- // Compact plant with dark red shiny leaves



#### **Boomerang**

Medium to fast growing versatile iceberg suitable for whole head and processing

- // Strong tolerance to tipburn
- // Slow to bolt
- // Approximately 3 days slower than Stallion with excellent field holding



SV4896LC

Slower maturing consistent performing iceberg with excellent field holding

- // Medium to large frame which can be used for whole head or processing
- // Semi-domed uniform heads
- // Proven on multiple soil types giving consistency throughout the season
- // Easy harvest variety



SV6881LG Midi Romaine lettuce

- // Nice base with straight ribs
- // Easy to cut for fast harvest
- // Good tolerance to bolting & tip burn
- // High yielding
- // Consistent quality throughout the season



#### **Frillice**

A unique crisp lettuce type with nice green, shiny leaves and excellent sweet taste

- // Crunchy leaves
- // Very good sweet taste
- // Intermediate Resistance to Lettuce mosaic strain 1
- // Good tolerance to tip burn and bolting
- // Can be grown in open field and in indoor production



#### **Frillasti**

Frillasti is a compact Frillice lettuce type with dark green leaves. It has a very good taste and crispiness

- // Fast growth cycle vs Frillice (2 to 3 days faster)
- // Great taste and crispiness
- // Improved tip burn tolerance
- // Very good bolting tolerance
- // Dark green coloured leaves
- // Very good taste and crispiness as for Frillice
- // Less likely to get tip burn damage vs Frillice
- // Less likely to bolt vs Frillice
- // Nice looking dark green leaves vs Frillice



#### SV3035LF

A fast developing Frillice type with more upright growth habit

- // Upright growth habit makes it ideal for packing in bags
- // Faster development vs Frillice (approximately two days)
- // Can be grown in open field or in inddor production systems
- // HR:BL16-23,25,31,32EU





**SV3557ND** 

# **Bulb Onion Overview**

# **Bulb Onion Overview**

Recommended harvest / storage period: ■ Sowing ■ Harvesting



	Calendar Nordics												
•	VARIETY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	ост	NOV	DEC
1	Barito												
ı	Lovito												
	Shakito												
	SV3557ND												
	Packito												
	Rockito												
	Bossito												

	Onion Range (sorted by type and maturity)											
	VARIETY	ТҮРЕ	COLOUR	MATURITY	FIRMNESS	STORAGE						
1	Lovito	Rijnsburger/American	Brown	Early	Good	Short Term						
	Shakito	Rijnsburger	Brown	Early	Good	Short Term						
	SV3557ND	Rijnsburger	Light-Brown	Mid-Early	Very Good	Very Long Term						
Š	Packito	Rijnsburger	Bronze	Mid-Early	Very Good	Long Term						

Onion Range (sorted by type and maturity) COLOUR MATURITY STORAGE FIRMNESS Light-Brown Short Term Rijnsburger/American Early Good Rijnsburger/American Early Good Light-Brown Short to Medium Term Shakito Rijnsburger Early Very Good Short to Medium Term Brown SV3557ND Mid-Early Very Good Rijnsburger Light-Brown Very Long Term Mid-Early Long Term Packito Rijnsburger Bronze Very Good Rijnsburger Mid-Late Very Good Very Long Term Brown Mid-Late Very Good Long Term



#### **Barito**

Our earliest storage variety in the Rijnsburger/American type

- // Early, very high yield Rijnsburger/American onion
- // Rapid maturing and good skin retention
- // Flexible, as suitable both for early marketing and for storage into the winter months
- // Characterised by extremely high reliability over the years
- // Very strong leaf health



#### Lovito

Lovito is an intermediate type resulting from a cross of an American and Rijnsburger type (LD x LLD)

- // Similar timing to Barito with round to flat round shape
- // High vigour and quick young plant development
- // Strong root system and good tolerance to pink root
- // Good performance in adverse growing conditions
- // Suitable for short to medium term storage



**SV3557ND** 

A fast maturing Rijnsburger with good storage

- // Early to medium-early Rijnsburger onion for long storage
- // High yielding, firm onion with attractive, light-brown colour
- // Very good skin retention



#### **Packito**

A medium-early onion with excellent quality for long storage

- // Vigorous roots and healthy foliage
- // High and stable yield potential from the field and after storage
- // Our best storage onion with respect to shape and colour
- // Stands out in storage through high yield, outstanding skin firmness and very firm bulbs



#### **Shakito**

Early Rijnsburger giving quality from the field and from storage

- // Very rapid maturing combined with high yield potential and excellent skin retention
- // Flexible use can be sold straight from the field or can be used for medium term storage
- // Thin neck and very firm bulbs



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#### Rockito

Longest storage life owing to outstanding skin firmness and very high resistance to pressure in the onion

- // Innovative Rijnsburger in the medium-late range
- // Uniform, high quality bulbs due to vigorous rooting system
- // Solid onion with good sprouting tolerance



#### Bossito

Later maturing onion with very good skin quality, bulb firmness and sprouting tolerance

- // Suitable for long storage due to excellent bulb firmness and high quality skin
- // High percentage of marketable onions after storage
- // Very uniform round shape
- // Strong sprouting tolerance

# **Bunching Onion Overview** Calendar UK & Ireland VARIETY Baja Verde Green Banner SV4522NB **Calendar Nordics** Baja Verde ■ Sowing ■ Harvesting



#### Baja Verde

First early summer variety with excellent plant habit

- // Erect plant habit which is easy to harvest
- // Excellent white to green colour contrast
- // Quicker speed of growth
- // Slow to produce a bulb
- // Healthy, clean leaves



**Green Banner** 

An early summer and autumn variety for cooler weather conditions

- // Good cool tolerance
- // Erect plant habit which helps with disease control
- // Excellent white to green colour contrast
- // Good presentation when bunched or pre-packed
- // Gives good continuity and is used to bridge overwinter and summer crops



**SV4522NB** 

Fast maturing early summer variety

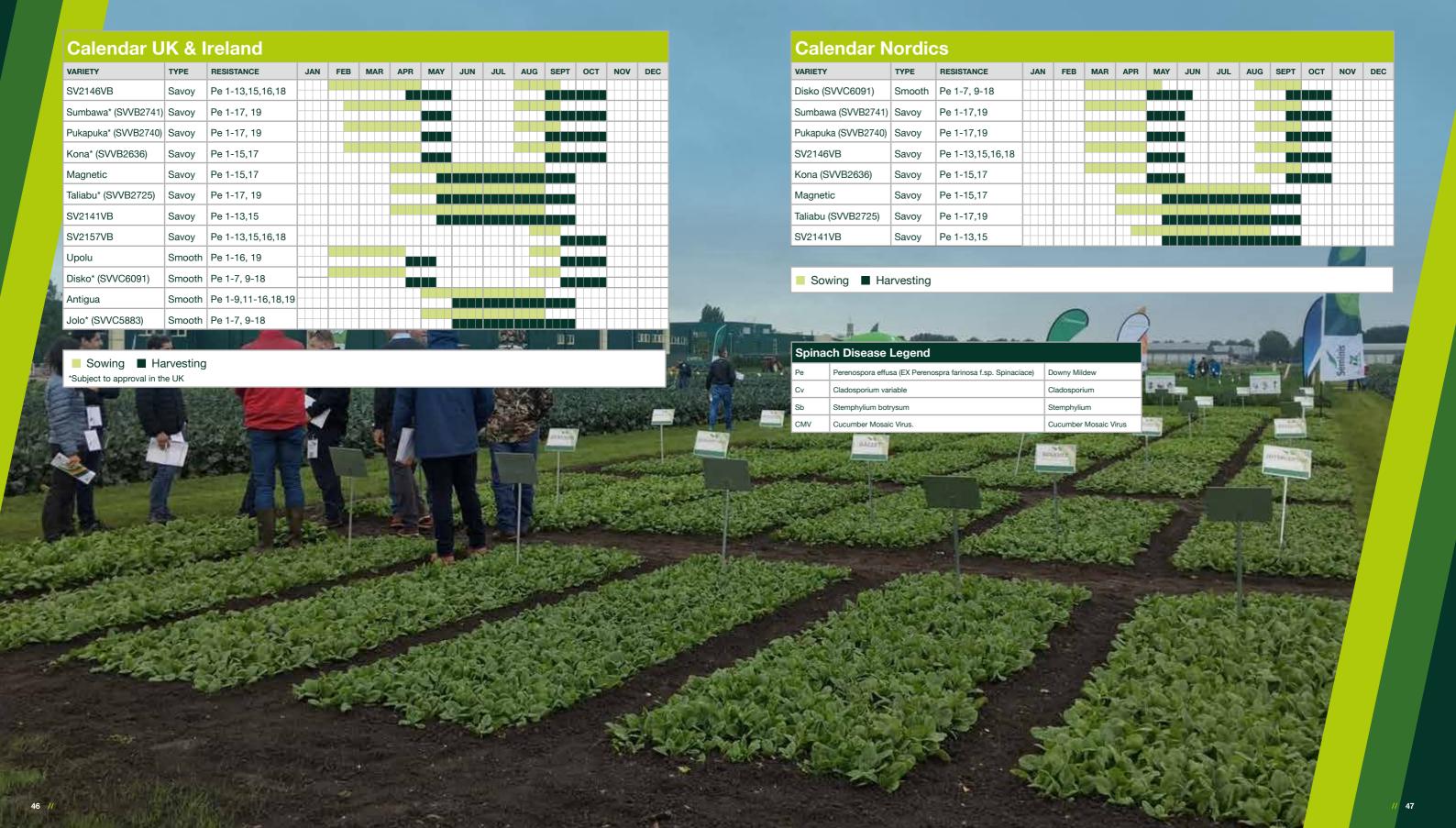
- // Very erect plant habit with small root implantation
- // Extremely easy to strip
- // Uniform straight shanks with high tolerance to bulbing
- // Excellent colour contrast



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# **Spinach Overview**

# **Spinach Overview**





**SV2146VB**Excellent leaf quality and colour

- // Mid early maturity favoured for late spring and autumn production
- // Leaf colour is dark green
- // The leaves are semi-blistered, sturdy and thick with a round to oval shape and good pliability
- // The erect plant habit ensures a higher cut with less waste



Sumbawa\* (SVVB2741)

Dark green early savoy

- // Upright, strong and thick leaf
- // Leaf type similar to SV2146VB but benefits from better Downy Mildew resistance
- // High yield potential
- // Pe 1-17, 19



Taliabu\* (SVVB2725)

New dark green savoy suitable for summer production

- // Suitable for bablyeaf production through the summer months
- // Leaves are oval shaped with good thickness and pliability
- // Pe 1-17, 19



Magnetic
Reliable production of high quality leaves

- // Versatile variety suitable for sowing from late spring through to the autumn
- // Nice savoy leaf type with good thick and pliable leaf
- // Excellent dark green leaf colour similar to SV2141VB
- // Erect plant habit for higher quality cut and less waste
- // Good bolting resistance



Pukapuka\* (SVVB2740)

Dark green early savoy

- // Thick leaves and stems giving high yield potential
- // Uniform canopy at harvest
- // Ideal leaf size for babyleaf



Kona\* (SVVB2636)

High yield potential of excellent quality leaf

- // Mid late semi savoy well suited for late spring/early summer and autumn production
- // Slightly later than SV2146VB with better bolting tolerance
- // Leaves are a dark green colour
- // Leaf shape is oval and has good thickness and pliability
- // Plant habit is erect with good petiole length giving a high cut of quality leaves at harvest



SV2141VB

Versatile production from spring to autumn

- // Mid late semi savoy for drilling from late spring to early autumn
- // Proven summer variety that is slow to bolt
- // Dark green round leaf
- // Nice upright plant habit with a strong uniform petiole length



SV2157VB

Excellent leaf quality and colour

- // Autumn variety producing high quality, thick dark semi-savoy leaves
- // Uniformity and leaf shape are excellent
- // The prostrate cotyledons make for easier harvest with the potential for higher yield

48 // \*Subject to approval in the UK \*Subject to approval in the UK 

\*Subject to approval in the UK



#### Upolu

#### Early spring and autumn production

- // Fast maturing for early spring or autumn production
- // Although classified as smooth, the leaf has some savoy texture to it
- // Leaves are medium dark green with an oval shape and good thickness
- // The erect plant habit makes for an easy cut at harvest



#### Disko\* (SVVC6091)

Early maturing smooth variety suitable for spring and late autumn production

- // Oval shaped leaf with good thickness
- // Medium dark green colour
- // Good bolting tolerance for maturity giving flexible harvest window
- // Erect plant habit giving giving efficient harvest



#### Antigua

#### Versatile summer variety

- $\ensuremath{/\!/}$  Variety for summer production with a high yield potential
- // Slow but very even leaf growth combined with a very high bolting tolerance
- // Leaf colour and leaf thickness make this variety one of the best in terms of quality in summer cultivation
- // Versatile with good harvest window as it holds its shape



#### Jolo\* (SVVC5883)

Late maturing mid summer variety with good bolting tolerance

\*Subject to approval in the UK

- // Dark green colour
- // Upright plant habit
- // Oval round leaf with good leaf thickness
- // Good bolting tolerance for summer production



50 //

# **Pea Overview**

# Calendar UK & Ireland VARIETY SEASON MATURITY DAYS JAN FEB MAR APR MAY JUN JUL AUG SEPT OCT NOV DEC Avola Early 57 59 59 59 59 59 59 59 59 59 59 59 59 59 59 59 50

■ Sowing ■ Harvesting

Please contact local representatives for more country related information on calendar.

Pea Range (UK)	Pea Range (UK)											
Variety	Season	Maturity Days	Plant ht (cm)	Pods Per Node	Pod Length (cm)	Peas Per Pod						
Avola	Early	57	60	1	7	6-7						
Talbot	Early	59	60	1-2	8	7-8						
SV0893QF	Main	65	50	2-3	8	7-8						
SV1022QG	Late	68	60	2	10	8						
Utrillo	Late	63	75	1-2	13	8-10						
Dorian	Late	65	75	1-2	13-14	9-10						

# **Pea Overview**

Calendar Nordics														
VARIETY	SEASON	MATURITY DAYS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	ОСТ	NOV	DEC
Salinero	Early	56												
Avola/Spring	Early	57												
Utrillo	Late	63												
Dorian	Late	65												
Sweet Anne (Sugar Snap)	Mid	-												

■ Sowing ■ Harvesting

Please contact local representatives for more country related information on calendar.

Pea Disease Legend									
Aps	Ascochyta pisi	Aschochyta leaf and pod spot							
BYMV	Bean yellow mosaic virus	Bean yellow mosaic virus							
Ep	Erysiphe pisi	Powdery Mildew							
Fop	Fusarium oxysporum f.sp. Pisi	Fusarium wilt							
PEMV	Pea enation mosaic virus	Pea enation mosaic virus							
Pv	Peronospora viciae	Downy Mildew							



Salinero

Earliest pea variety in the Seminis portfolio (Avola -1 day)

- // Very early maturity combined with good yield potential
- // Consistent performance
- // Intermediate resistance against downy mildew
- // Normal plant type and dark green normal foliage



Avola

Early season variety

- // Producing medium sized peas of very good quality and flavour
- // Pods are medium sized approx. 7cm long with 6-7 peas per pod
- // Resistance: HR: Fop:1



Utrillo

Main season proven variety (Avola +6)

- // Producing large dark pods and peas of excellent eating quality
- // Pod length 12cm with 8-10 peas per pod
- // Consistent 2 pods per node
- // Resistance: HR BYMV/Ep/Fop:1



Dorian

Main season (Avola +8)

- // Also known as Mr Big
- // Producing large pods with large peas
- // Very good eating quality
- // Pod length 12-13cm with 8-10 peas per pod
- // Resistance: HR: Ep



#### **Talbot**

Early season variety (Avola +2 days)

- // Even smooth pods
- // Medium sized peas which are even in colour and excellent quality
- // Pods are average 8cm with 7-8 peas per pod
- // High yield potential for its maturity group
- // Resistance: HR: Fop:1, IR: BLRV



#### SV0893QF

Early Main season (Avola +8 days)

- // High yield potential of medium sized peas
- // Vigorous plant with 2-3 pods per node
- // Pod length 8cm with 7-8 peas per pod
- // Resistance: HR: BYMV/Fop:1/Ep, IR: Pv



#### SV1022QG

Main season (Avola +11 days)

- // Good yield potential with attractive uniform pods
- // Upright plant habit setting 2-3 pods per node
- // Pod length 10-12cm, peas per pod 8-9
- // Resistance: HR: BYMV/PeMV/Fop:1,2/Ep, IR: Pv



#### **Sweet Ann**

Sweet Ann is a mid-season maturity snap pea variety with very attractive pods

- // Sweet, smooth and stringless pods with pointed ends
- // Pods are uniform and shiny green
- // Pods get to approximately 7-7.5cm in length and 1.1-1.2cm in width





## Tasty Sweet Good performance for early drillings

- // Strong plant with good early vigour
- // Large, well covered ears and good tip fill
- // Short vegetation period and reliable yield in most conditions
- // Ear length 20cm, diameter 50mm, 14-16 rows



Willinger\* (SVSK5678)
Mid Season

- // Strong plant with good lodging tolerance
- // Producing uniform ears with good tip fill
- // Ear length 19-20cm, diameter 52mm, 16-18 rows
- // Resistance: HR Rp1G, IR SCMV/Pst/Bm:0/Et:1

\*Subject to approval in the UK



#### SV1446SD

Mid Season

- // Excellent eating quality
- // Deep yellow uniform cobs
- // Ear length 20cm, diameter 52mm, 18-20 rows
- // Resistance: HR RpG59, IR MDMV/SCMV/Pst/Bm:0/Et:1



#### Passion

Mid/Late season variety

- // Excellent eating quality
- // Reliable production of high % class 1 cobs
- // Ear length 19cm, diameter 50mm, 18-20 rows
- // Resistance: HR: RpD, IR: Pst/Et

# **Beans Overview**

# **Beans Overview**



Sowing Harvesting

<sup>1</sup> Subject to approval. Breeder's Reference SVGT1295.

		Sieve size distribution			Pod length	Maturity days		Pod colour fresh	
Season	Variety	6.5-8 mm	8-9 mm	9-10.5 mm	СМ	Relative to Bartava	Plant height cm	+ Light green +++++ Intensive dark green	Resistances
Early	Bartava	-	35	65	13-14	0	40	+++	HR BCMV/CI:55
Early	Kundura (SVGT1295)	_	40	60	12	0	40	+++	HR BCMV/CI:55
Early	Cadillac	40	50	10	11-12	+4	40	+++	HR BCMV/CI:55/PSP:2
Main	SW1286GW	65	35	_	12.5	+5	40	+++	HR BCMV/CI:55/PSP:2
Main	SV1541GA	45	50	-	14-15.5	+6	40	+++++	HR BCMV/CI:55 IR Ua:90
Main	Gouti	8	67	25	13-114.5	+9	45	++++	HR BCMV/CI:55 IR Ua:90

	Calendar	Norc	lics										
B)	VARIETY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	ОСТ	NOV	DEC
	Bartava												
	Kundura												
	Cadillac												
ä	Gouti												
	SV1541GA												
	A STATE OF THE STA	P 25 12	ALCON TO SER	A STATE OF	MARK WHEN	(B)	A STATE OF THE PARTY OF THE PAR	SSEQUIU	500	EA #256	ELYGINA C	BUCK SHA	

Sowing Harvestir

1	Beans	Disease Legend	i i						
2	BCMV	Bean common mosaic virus	Bean common mosaic virus						
ė	CI	Colletotrichum lindemuthianum	Anthracnose						
ģ	PSP	Psedumonas savastanoi pv. Phaseolicola	Halo Blight						
Ę	Ua	Uromyces appendiculatus	Rust						



Bartava

Early variety with high yield potential

- // Reliable early production
- // High yield potential for the maturity
- // Pod colour is mid-dark green
- // Pods are 8-10.5mm wide and 12-13cm long with good fleshy walls
- // Good upright plant habit makes for ease of harvest and ensure a high % of premium quality beans at harvest



Kundura\* (SVGT1295)

New introduction for the early production

- // Early maturity
- // Attractive sieve size with majority in 9-10.5mm diameter and 12cm long
- // Good upright plant habit. Height approx. 40cm
- // High yield potential for maturity
- // Good uniformity and quality of final product

<sup>\*</sup>Subject to approval in UK.



#### Cadillac

Versatile for early and late sowing

- // Suitable for early and late sowing
- // Medium fine beans producing most pods 8-9mm in diameter and 11-12cm long
- // Slow seed development giving increased harvest window
- // Suitable for both hand picking and machine harvest



#### SV1286GW

Flexibility when needed

- // SV1286GW is a fine bean with a high concentration of very uniform pods in the size 7-9mm
- // The medium dark green pods are 11-12cm long
- // Very good field holding giving an extended harvest window
- // The plant habit is erect and is well suited for machine harvest
- // Suitable for most soil types



SV1541GA High quality product

- // Very dark uniform fine pods
- // Pods are in range 6.5-9mm diameter and 12.5-13.5cm long
- // Good strong plant and well suited for both mechanical and hand harvest
- // Rust resistant

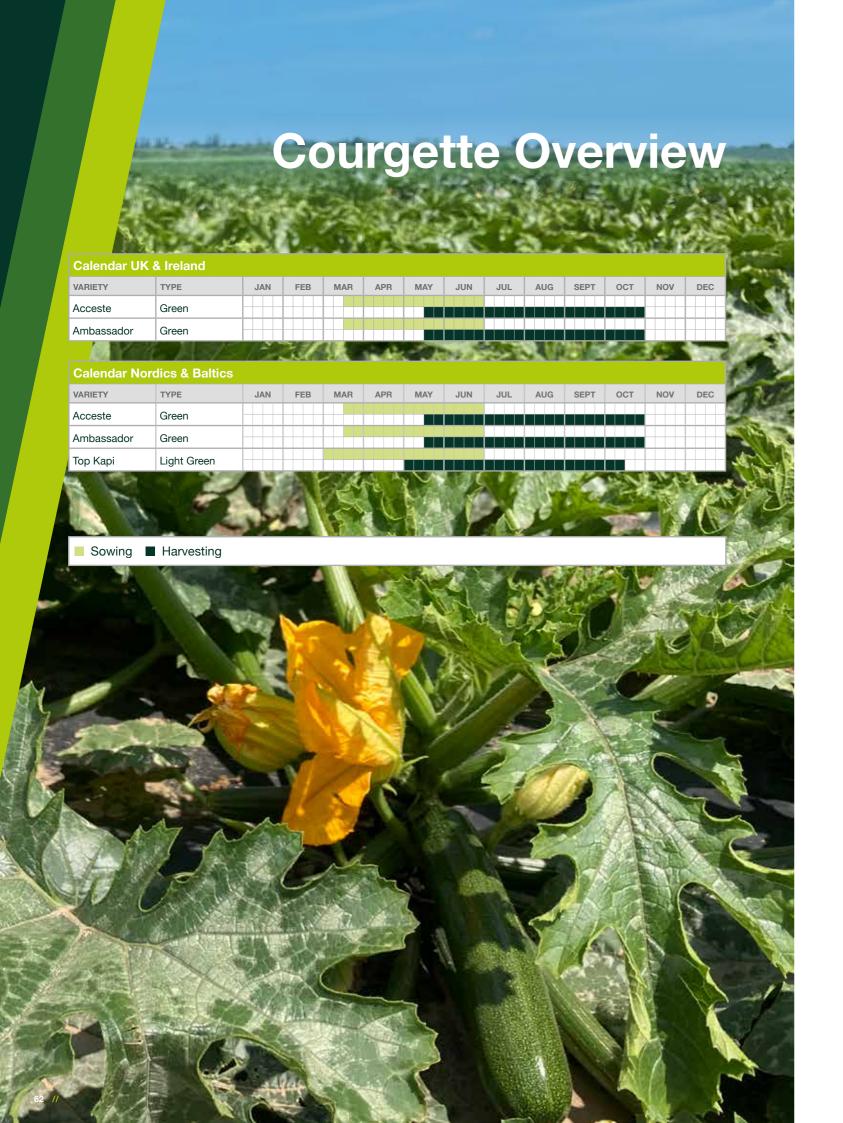


#### Gouti

Improved Paulista type

- // High yield potential
- // Vigorous and healthy plant
- // Medium to dark green straight pods
- // Pods are majority in range 8-9mm and 13cm long
- // Slow seed development
- // Good disease package

60 // \*Subject to approval in the UK





Acceste
Standard variety for baby courgette
production

- // Easy to pick with high yield potential
- // Fruit are medium to dark green
- // Very good flower drop
- // Excellent shelf life



Ambassador
Early maturing main season variety

- // Very reliable producer of medium green fruit
- // Easy to harvest
- // Good vigour to combat cooler spring weather



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