



**SAKATA®**

PASSI<sup>N</sup> in Seed

8<sup>th</sup> & 9<sup>th</sup>  
October

# 2025 FIELD DAY

**Sakata UK Ltd**



with  
*you*



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# Weather data

Data collected from on site at Sakata UK Ltd - 2025

	Max. mean (°C)	Min. mean (°C)	Mean (°C)	Highest (°C)	Lowest (°C)	Rainfall (mm)
January	5.5	-0.2	2.4	11.6	-5.6	49.6
February	7.4	1.4	4.2	16.4	-2.7	23.6
March	13.0	1.8	7.0	18.0	-2.6	6.40
April	16.2	4.2	10.2	23.7	-0.3	21.4
May	19.3	7.0	13.2	26.4	1.8	31.4
June	24.2	12.2	18.3	32.2	7.6	23.2
July	24.0	13.2	18.6	31.7	8.4	51.8
August	23.5	12.2	15.3	30.4	8.0	23.2
September	19.3	9.3	14.0	26.7	3.8	50.8
Total	-	-	-	-	-	<b>281.4</b>

# Field map

Cabbage Storage Planted 06/05/25	Cauliflower C Planted 14/07/25	Cauliflower B Planted 07/07/25	Cauliflower A Planted 30/06/25	Pumpkin Squash Butternut Planted 27/05/25
Cabbage Fresh, Primo & 1kg heads Planted 17/06/25				
Cabbage Primo, Flat & Pointed Planted 23/07/25	PS Broccoli C Planted 28/07/25	PS Broccoli B Planted 23/07/25	PS Broccoli A Planted 14/07/25	
Beet Drilled 01/07/25	Broccoli C Planted 28/07/25	Broccoli B Planted 23/07/25	Broccoli A Planted 14/07/25	
Bunch Onion Drilled 01/07/25				
S. Ch. Mature Drilled A: 25/07/25 B: 30/07/25	S. Ch. B Leaf Drilled 27/08/25	Sp. Oriental B Drilled 12/08/25	Sp. Oriental A Drilled 30/07/25	
Turnip Drilled A: 06/08/25 B: 27/08/25	Pak Choi Planted A: 26/08/25 B: 01/09/25	Sp. B Leaf B Drilled 02/09/25	Sp. B Leaf A Drilled 27/08/25	

Not to scale

# What's new at Sakata?



## **Nemesis F1\***

Firm with high head position



## **Token**

Very reliable and robust



## **San Zang Choi F1**

Highly efficient harvest shape



## **Cynder F1\***

Ideal for large to monster size

# Beet

## Azuma F1

Drilled: 01/07/25

Maturity: 99/100 days

Round

Density **560,000 sds/ha**

- Very smooth and uniform roots
- Dark purple colour, globe shape
- Small taproot and crown attachment
- For early and main season

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## Aurora F1

Drilled: 01/07/25

Maturity: 99/100 days

Round

Density **560,000 sds/ha**

- Uniform globe root shape
- Small crown attachment
- Ideal for processing and excellent storage ability due to high brix
- IR: *BNYVV (Rhizomania)*
- IR: *Rs (Rhizoctonia)*

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## Cardeal F1

Drilled: 01/07/25

Maturity: 99/100 days

Round

Density **560,000 sds/ha**

- Medium to late maturing variety
  - Uniform globe shape with refined crown and taproot
  - Strong vigour leading to early uniform plant establishment resulting in excellent yield and overall quality
  - Tops remain erect and healthy for optimum production and visual appeal in bunching
  - High sugar content, adaptable, suitable for main crop and baby beet production, for fresh and processing markets and long-term storage
-

# Beet

## BE10317 F1

Drilled: 01/07/25

Maturity: 99/100 days

Round

Density **560,000 sds/ha**

- Excellent choice for both baby and mature production
- Very uniform globe shaped roots
- Early cycle
- Bolting tolerant



BE10317 F1

## Nebula F1

Drilled: 01/07/25

Maturity: 99/100 days

Round

Density **560,000 sds/ha**

- Works well in more bodied soils and cooler climates
- Extremely dark interior and exterior colour
- For early and main season
- Smooth skin and globe shape

# Beet

## Chioggia Guardsmark

Drilled: 01/07/25

Maturity: 99/100 days

Novelty

Density **560,000 sds/ha**

- This variety offers a vivid light purple and white interior zoned beet
  - Attractive appearance and sweet flavour
  - Round to oval shaped roots with medium sized crown and taproot
  - Ideally suited to fresh markets, amateur gardeners and speciality markets
- 



Chioggia Guardsmark

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## Golden Eye

Drilled: 01/07/25

Maturity: 99/100 days

Novelty

Density **560,000 sds/ha**

- Smooth skinned uniform shaped roots
  - Internal colour is a vibrant shade of gold that is uniform and retained when cooked
  - Maintains an excellent sweet flavour when cooked
  - Sow from beginning of May onwards
-

# Purple Sprouting Broccoli

## Tyrian F1

Early spring to early autumn

Density **42,000 plants/ha**

A Transplant: 14/07/25

B Transplant: 23/07/25

C Transplant: 28/07/25

Maturity: 86/87 days

Maturity: 77/78 days

Maturity: 72/73 days

- Deep purple stems and beads
- Excellent flavour and texture
- High yield potential
- Erect bush habit
- Maturity 70-80 days



# Broccoli

## Purple Magic F1

Purple beads & stems

Density **42,000 plants/ha**

A Transplant: 14/07/25

B Transplant: 23/07/25

C Transplant: 28/07/25

Maturity: 86/87 days

Maturity: 77/78 days

Maturity: 72/73 days

- Maturity 70-80 days, head weight 400g
- Distinct purple colour to beads and stem
- Recommended for mid September and October production
- Suitable for fresh market only

## Ares F1

Second early

Density **42,000 plants/ha**

A Transplant: -

B Transplant: 23/07/25

C Transplant: 28/07/25

Maturity: -

Maturity: 77/78 days

Maturity: 72/73 days

- Second early variety following Aquiles and Green Magic by 2 days (70-75 days)
- For September sowings (in no larger than 216 cell trays) for early spring plantings
- Produces medium sized heads of 350-450g
- Heads are dome shaped with dark green beads
- Compact plant with some heat tolerance



Ares F1

# Broccoli

## Chronos F1

Second early

Density **42,000 plants/ha**

A Transplant: -

B Transplant: 23/07/25

C Transplant: 28/07/25

Maturity: -

Maturity: 77/78 days

Maturity: 72/73 days

- Second early variety following Aquiles and Green Magic by 4-5 days then Ares by 2-3 days
- Blind tolerant variety for late September sowings (in no larger than 216 cell trays) for June harvest (75-80 days)
- Head weight 400-500g
- Medium deep head with dark green fine bead

## Triton F1

Summer

Density **42,000 plants/ha**

A Transplant: 14/07/25

B Transplant: 23/07/25

C Transplant: 28/07/25

Maturity: 86/87 days

Maturity: 77/78 days

Maturity: 72/73 days

- Recommended for sowing early March to late April, maturity 75-95 days, head weight 400-500g
- Distinct upright dark green foliage, deep domed head with fine bead
- Field holding and heat tolerance are a clear advantage
- Suitable for all market uses including fresh crown overwrapping, fresh and frozen florets
- Not recommended for September / October or February sowing

## Control

Whole season

Density **42,000 plants/ha**

A Transplant: 14/07/25

B Transplant: 23/07/25

C Transplant: 28/07/25

Maturity: 86/87 days

Maturity: 77/78 days

Maturity: 72/73 days



# Broccoli

## Parthenon F1

Whole season

Density **42,000 plants/ha**

A Transplant: 14/07/25

B Transplant: 23/07/25

C Transplant: 28/07/25

Maturity: 86/87 days

Maturity: 77/78 days

Maturity: 72/73 days

- Maturity 75-85 days, producing a heavy, smooth domed head weighing 400-600g
- Bead size is small with dark green colour
- Expresses very low anthocyanin levels during stress periods, colour remains consistent throughout the season
- Not recommended for September / October sowing

## Leonidas F1

Autumn

Density **42,000 plants/ha**

A Transplant: 14/07/25

B Transplant: 23/07/25

C Transplant: 28/07/25

Maturity: 86/87 days

Maturity: 77/78 days

Maturity: 72/73 days

- Easy to harvest variety, September and October (85-90 days)
- A variety that has a high head position
- Produces medium sized heads of 450-500g
- Heads have a high dome which are anthocyanin free

## Nemesis F1\*

**New**

A Transplant: 14/07/25

B Transplant: 23/07/25

C Transplant: 28/07/25

Maturity: 86/87 days

Maturity: 77/78 days

Maturity: 72/73 days

Late summer & autumn

Density **42,000 plants/ha**

- Previously coded BRO03186
- For early summer, late summer to autumn production
- Blind tolerant variety for late September sowings (in no larger than 216 cell trays) and spring sowings
- From spring sowings 75-85 days maturity, heads weighing 380-500g
- Raised domed shaped heads with dark green fine beads
- In trials there has been strong tolerance to Systemic Downy Mildew

# Broccoli

## **BRO03192 F1**

Late summer & autumn

Density **42,000 plants/ha**

**For  
Trial**

A Transplant: 14/07/25

B Transplant: 23/07/25

C Transplant: 28/07/25

Maturity: 86/87 days

Maturity: 77/78 days

Maturity: 72/73 days

- Maturity 80-90 days, for production end of August – mid October
- Head weight 400-450g
- Deep domed head
- Uniform fine green beads

## **BRO03194 F1**

Late summer & autumn

Density **42,000 plants/ha**

**For  
Trial**

A Transplant: 14/07/25

B Transplant: 23/07/25

C Transplant: 28/07/25

Maturity: 86/87 days

Maturity: 77/78 days

Maturity: 72/73 days

- Maturity 80-90 days, for production end of August – mid October
- Head weight 400-500g
- Uniform fine green beads
- Stem clean of side shoots, easy to harvest
- Could be sown in September for early summer production



# Bunching Onion

## Token

**New**

Drilled: 01/07/25

Maturity: 99/100 days

Reliable and robust

Density **2.3 million sds/ha**

- Versatile, adaptable variety with good field holding ability
- Uniform green and upright habit
- Medium length white shank that pulls and peels well
- Very good shelf life



Token

## Yoda F1

Drilled: 01/07/25

Maturity: 99/100 days

Optimal yield

Density **2.3 million sds/ha**

- Key advantage of this variety is the overall yield of useable plants within market specifications
- Distinct dark green foliage that stands very erect and a clean white shank that peels easily
- Ideally suited to both spring and autumn production

# Bunching Onion

## Interstellar F1

Drilled: 01/07/25

Maturity: 99/100 days

Excellent peeling qualities

Density **2.3 million sds/ha**

- Excellent uniformity which adds value for the grower when harvesting, as well as pulling and peeling easily
  - Foliage is dark green with an upright habit and clean white shank; the waxy leaves help improve field tolerance to downy mildew
  - Strong tubes which help resist handling damage when banding
- 

## Buzi F1

Drilled: 01/07/25

Maturity: 99/100 days

Vigorous and uniform

Density **2.3 million sds/ha**

- Vigorous and uniform hybrid variety
  - Upright habit
  - Easy to peel and bunch
  - Good field holding habit
- 



Buzi F1

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# Cabbage

## Avanto F1

Transplant: 06/05/25 Maturity: 155/156 days

Storage

Density **28,000 plants/ha**

- Storage type with mid-term storage potential
  - Maturing in 150-160 days
  - Fine internal structure with short internal core
  - Head weight 4.0kg
  - *HR: Foc: 1*
- 



# Cabbage

## Accord F1

Transplant: 17/06/25 Maturity: 113/114 days

Fresh market

Density **28,000 plants/ha**

- New season fresh market type, maturing in 110-120 days
  - Healthy with vigorous habit
  - High yield with good field holding ability
  - Short internal core and fine leaf structure
  - Head weight 3.0-5.0kg
  - *HR: Foc: 1*
- 

## Monroo F1

Transplant: 17/06/25 Maturity: 113/114 days

Primo

Density **55,000 plants/ha**

- For production from August to October, maturing in 95-100 days
  - Round head shape with attractive dark green foliage
  - Good field holding ability
  - Head weight 1.0-2.0kg
  - *HR: Foc: 1*
- 

## Avanto F1

Transplant: 17/06/25 Maturity: 113/114 days

Storage

Density **55,000 plants/ha**

- Plot at higher density to show 1kg head production
  - *HR: Foc: 1*
-

# Cabbage

## Annelisa F1

Transplant: 23/07/25 Maturity: 77/78 days

Primo

Density **55,000 plants/ha**

- For production from July to October, maturing in 75-85 days
  - Very uniform and attractive with good round head shape
  - Dark green colour with short core and good field holding ability
  - Head weight 0.8-1.0kg
  - *HR: Foc: 1*
- 

## Charmant F1

Transplant: 23/07/25 Maturity: 77/78 days

Primo

Density **55,000 plants/ha**

- Established variety noted for its reliable performance, holding ability and good taste
  - Maturing in 75-85 days
  - Head weight 0.8-1.3kg
  - *HR: Foc: 1*
- 

## Felicity F1

Transplant: 23/07/25 Maturity: 77/78 days

Flat

Density **55,000 plants/ha**

- Flat head shape, maturing in 70-75 days
  - Leaves are thin and texture is light and crispy
  - Flavour is distinctly mild and sweet
  - Head weight 0.8-1.2kg
  - *HR: Foc: 1*
-

# Cabbage

## Cape Roca F1

Transplant: 23/07/25 Maturity: 77/78 days

Pointed

Density **69,000 plants/ha**

- For summer and autumn production, maturing in 60-70 days
- Uniform conical shape with slim base
- Good field holding and yield
- Head weight 0.5-0.8kg
- HR: Foc: 1

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## Control

Transplant: 23/07/25 Maturity: 77/78 days

Pointed

Density **69,000 plants/ha**



Cape Roca F1

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# Cauliflower

## Manila F1

New

Summer and early autumn

Density **28,000 plants/ha**

A Transplant: 30/06/25

B Transplant: 07/07/25

C Transplant: 14/07/25

Maturity: 100/101 days

Maturity: 93/94 days

Maturity: 85/86 days

- Versatile variety for summer and early autumn production
- Deep white curds in well presented foliage
- Vigorous upright habit
- Reliable cycle time maturing in 85-90 days



Manila F1

## Atalaya F1

Whole season

Density **28,000 plants/ha**

A Transplant: 30/06/25

B Transplant: 07/07/25

C Transplant: 14/07/25

Maturity: 100/101 days

Maturity: 93/94 days

Maturity: 85/86 days

- Versatile variety for summer and autumn harvest from spring sowing
- Can also be sown in October for early summer harvest
- Maturing in 100-105 days from October sown and 90-95 days from spring sown
- Good vigour and wrap producing solid curds with low susceptibility to detached florets
- The additional curd protection makes this variety an excellent choice for fresh floret and freezing

# Cauliflower

## Denton F1

Summer to early autumn

Density **28,000 plants/ha**

A Transplant: 30/06/25

B Transplant: 07/07/25

C Transplant: 14/07/25

Maturity: 100/101 days

Maturity: 93/94 days

Maturity: 85/86 days

- Summer to early autumn
  - Maturing in 93-97 days, not recommended for October sowing
  - Upright plant habit with well presented deep, dense, white curds
  - Suitable for all markets
  - Performs best on fertile soils
- 

## Jericho F1

Autumn and late autumn

Density **28,000 plants/ha**

A Transplant: 30/06/25

B Transplant: 07/07/25

C Transplant: 14/07/25

Maturity: 100/101 days

Maturity: 93/94 days

Maturity: 85/86 days

- Variety for autumn to late autumn harvest from May sowing
  - Can also be sown in October for early summer harvest
  - Maturing in 105-110 days from October sown and 95-100 days from May sown
  - Demonstrates good vigour and heat tolerance in early summer period
  - Upright habit producing dense heavy heads with excellent cover and presentation
  - The additional curd protection makes this variety an excellent choice for fresh floret and freezing use
- 

## Estocolmo F1

November production

Density **28,000 plants/ha**

A Transplant: 30/06/25

B Transplant: 07/07/25

C Transplant: 14/07/25

Maturity: 100/101 days

Maturity: 93/94 days

Maturity: 85/86 days

- Best planted in 2<sup>nd</sup> and 3<sup>rd</sup> week of July
  - Maturity dates on Lincolnshire 120-130 days
  - Maturity dates in Cornwall 105-115 days
  - Good curd quality, dense and tidy presentation
-

# Cauliflower

## Marseille F1\*

**For  
Trial**

December production

Density **28,000 plants/ha**

A Transplant: 30/06/25

B Transplant: 07/07/25

C Transplant: 14/07/25

Maturity: 100/101 days

Maturity: 93/94 days

Maturity: 85/86 days

- Ideally suited for planting 2<sup>nd</sup> and 3<sup>rd</sup> week of July
- Maturity dates in Lincolnshire 135-145 days
- Maturity days in Cornwall 120-130 days
- Vigorous plants producing smooth dense well-presented curds

\* Under UK registration



Marseille F1

## CAU311119 F1

**For  
Trial**

Dec / Jan production

Density **28,000 plants/ha**

A Transplant: 30/06/25

B Transplant: 07/07/25

C Transplant: 14/07/25

Maturity: 100/101 days

Maturity: 93/94 days

Maturity: 85/86 days

- Very late December / early January production
- Beautiful clean variety
- Suitable for size 8 and 6
- Very well protected and presented curds
- In trials there has been strong tolerance to Ringspot & Xanthomonas

# Pak Choi

## Yang Qing Choi F1

A Transplant: 26/08/25

Maturity: 41/42 days

Whole season

B Transplant: 01/09/25

Maturity: 37/38 days

Density **166,000 plants/ha**

- Shanghai type
  - Very good field holding
  - Excellent bolting tolerance, is the major advantage of this variety making it ideal for winter and spring glasshouse production
  - Maturing in 35-40 days from transplanting, heads weighing 80-100g
- 

## You Qing Choi F1

A Transplant: 26/08/25

Maturity: 41/42 days

Early summer to autumn

B Transplant: 01/09/25

Maturity: 37/38 days

Density **166,000 plants/ha**

- Shanghai type
  - Very uniform with good performance against tip burn
  - Very upright habit, which makes harvesting easy and labour friendly
  - Maturing in 45-60 days from drilling, heads weighing 200-250g
  - *HR: Pb: 0,1,3*
- 

## Mei Qing Choi F1

A Transplant: 26/08/25

Maturity: 41/42 days

Summer and autumn

B Transplant: 01/09/25

Maturity: 37/38 days

Density **166,000 plants/ha**

- Shanghai type
  - Dark green leaf colour and good field holding ability
  - Cylindrical shape with attractive spoon shaped petioles
  - Maturing in 35-40 days from transplanting, heads weighing 80-100g
-

# Pak Choi

## Experimental F1

A Transplant: 26/08/25

Maturity: 41/42 days

B Transplant: 01/09/25

Maturity: 37/38 days

TBC

Density **166,000 plants/ha**

## San Zang choi F1

A Transplant: 26/08/25

Maturity: 41/42 days

B Transplant: 01/09/25

Maturity: 37/38 days

TBC

Density **166,000 plants/ha**

New

- Shanghai type
- Very uniform with dark green leaf colour
- Highly efficient harvest shape allows easy and fast packing at harvest, ideal for flow pack
- Strong bolting tolerance
- Maturing in 35-40 days from transplanting



San Zang Choi F1

# Pumpkin

## Spyro F1

Transplant: 26/05/25

Maturity: 125/126 days

Halloween

Density **9,200 plants/ha**

- High round fruit shape
  - Deep orange colour
  - Fruit weight 1.5-2.0kg, diameter 15-18cm
  - Slightly ridged with dark handles
  - Semi-trailing plant habit producing 4-5 fruits per plant
  - IR: Px
- 

## SQ125012 F1

For  
Trial

Transplant: 26/05/25

Maturity: 125/126 days

Halloween

Density **9,200 plants/ha**

- Round fruit shape with medium maturity
  - Dark orange colour
  - Fruit weight 1.5-2.5kg, diameter 13-18cm
  - Vine plant habit
- 

## Terrafin F1

Transplant: 26/05/25

Maturity: 125/126 days

Halloween

Density **9,200 plants/ha**

- Round fruit shape, medium maturing
  - Very deep orange colour with dark handles
  - Fruit weight 3.5-4.0kg, diameter 20-25cm
  - Fruits are slightly ridged
  - Semi-trailing plant habit producing 4-5 fruits per plant
-

# Pumpkin

## Control

Transplant: 26/05/25

Maturity: 125/126 days

Halloween

Density **9,200 plants/ha**



## Flynn F1

Transplant: 26/05/25

Maturity: 125/126 days

Halloween

Density **9,200 plants/ha**

- Round fruit shape, medium maturing
- Deep orange colour with minimal ground scar
- Fruit weight 3.0-3.8kg, diameter 20-22cm
- Fruits have long dark handles and good keeping qualities
- Semi-trailing plant habit producing 2-3 fruits per plant

## SQ124001 F1

**For  
Trial**

Transplant: 26/05/25

Maturity: 125/126 days

Halloween

Density **9,200 plants/ha**

- Flat round fruit shape, medium maturity
- Dark orange colour
- Fruit weight 2.5-3.5kg, diameter 19-24cm
- Vine plant habit

# Pumpkin

## Boomer F1

Transplant: 26/05/25

Maturity: 125/126 days

Halloween

Density **9,200 plants/ha**

- Slightly flat round shape, medium to late maturing
- Deep orange colour with minimal ground scar
- Fruit weight 4.5-6.0kg, diameter 23-26cm
- Skin finish is ridged and thick, ideal for carving
- Semi-trailing plant producing 1-2 fruits per plant
- *IR: Px*

## Eruptor F1

Transplant: 26/05/25

Maturity: 125/126 days

Halloween

Density **9,200 plants/ha**

- High round shape, medium to late maturing
- Deep burnt orange colour
- Fruit weight 5.0-6.0kg, diameter 24-28cm
- Skin finish is medium ridged and thick ideal for carving
- Semi-trailing plant producing 1-2 fruits per plant
- *IR: Px*

## Cynder F1\*

**New**

Transplant: 26/05/25

Maturity: 125/126 days

Halloween

Density **9,200 plants/ha**

- Uniform fruit
- Good yield potential
- Retains white colour
- Fruit weight 4.5-6.0kg, diameter 23-26cm
- Semi trailing plant producing 1-2 fruits per plant
- *IR: Px*

\* Under UK registration

# Pumpkin

## SQ124008 F1

For  
Trial

Transplant: 26/05/25

Maturity: 125/126 days

Halloween

Density **9,200 plants/ha**

- White Halloween pumpkin
- Fruit weight 0.75-1.1kg, diameter 12-14cm
- Vine plant habit

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## Experimental F1

Transplant: 26/05/25

Maturity: 125/126 days

Halloween

Density **9,200 plants/ha**

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## Experimental F1

Transplant: 26/05/25

Maturity: 125/126 days

Halloween

Density **9,200 plants/ha**

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# Squash

## Iron Cap F1

Transplant: 26/05/25

Maturity: 125/126 days

Winter squash

Density **9,200 plants/ha**

- Flat round shape with dark shiny green skin colour
  - Yellow/orange flesh with an exceptional flavour
  - Fruit weight 1.5-2.5kg, diameter 16-18cm and can be stored for a long period
  - Vigorous vines, give a very good production, 2-3 fruits per plant
  - Needs to be planted with a pollinator, 10% *Cucurbita maxima* or *Cucurbita moschata*
- 

## Lucinda F1

Transplant: 26/05/25

Maturity: 125/126 days

Green Kabocha

Density **9,200 plants/ha**

- Round, shape, ridged matt green skin
  - Bright orange flesh, with high starch content giving an exceptional flavour
  - Fruit weight 1.5-2.0kg, diameter 16-18cm with good shelf life
  - 2 fruits per plant
- 

## Aldente F1

Transplant: 26/05/25

Maturity: 125/126 days

Spaghetti squash

Density **9,200 plants/ha**

- Round shaped with excellent yield
  - Orange skin colour, flesh turns to “spaghetti” when cooked
  - Fruit weight 1.0-1.25kg, diameter 11-13cm with good storage potential
  - Less prone to scaring or sun burn
  - 6-7 fruits per plant
-

# Squash

## Colinky F1

Transplant: 26/05/25

Maturity: 125/126 days

Onion squash

Density **9,200 plants/ha**

- Traditional onion squash shape with an orange skin and darker stripes
  - Orange flesh with high brix and excellent taste
  - Fruit weight 1.0-1.5kg, diameter 10-14cm
  - Medium storage potential
  - 3-4 fruits per plant
  - Also known as Uchiki Kuri, Red Kuri or Hokkaido squash
- 

## Gemini F1

Transplant: 26/05/25

Maturity: 125/126 days

Gem squash

Density **9,200 plants/ha**

- Round shape with dark green skin colour
  - A South African delicacy
  - Very dense fruits with medium storage potential
  - Very high yielding, up to 15 fruits per plant, can be multi picked
  - Fruit weight 300-350g, diameter 8-9cm
- 

## Crown Prince F1

Transplant: 26/05/25

Maturity: 125/126 days

Culinary squash

Density **9,200 plants/ha**

- Unique flat round shape with blue grey skin
  - Superb flavour, ideal for culinary use
  - Fruit weight 3.0-4.0kg, diameter 19-24cm
  - Dark orange flesh, very long-term storage potential
  - 1-2 fruits per plant
-

# Squash

## SQ220002 F1

Microwaveable squash

Density **9,200 plants/ha**

**For  
Trial**

Transplant: 26/05/25

Maturity: 125/126 days

- Yellow skin with orange ridges giving an attractive contrast
  - Yellow flesh, with good colour
  - Fruit weight 350-450g, diameter 9-11 cm
  - Good yield with outstanding shelf life
  - 10-12 fruits per plant
- 



# Butternut

## Mieluna F1

Transplant: 26/05/25

Maturity: 125/126 days

Early maturing

Density **9,200 plants/ha**

- Unique variety bred for cooler conditions
- Early, maturing, excellent choice for northern latitudes
- Fruit weight 0.8-1.7kg with outstanding uniformity
- Superb internal quality with good peanut shape
- High yield, medium to long shelf-life potential
- IR: Px



Mieluna F1

## SQ22055 F1

Transplant: 26/05/25

Maturity: 125/126 days

Early maturing

Density **9,200 plants/ha**

**For  
Trial**

- Improved uniformity
- Small seed cavity
- Suitable for UK production
- IR: Px

# Spinach - Oriental

## Calaf F1

Spring and autumn

Density **330,000 seeds/ha**

A Drilled: 30/07/25

B Drilled: 12/08/25

Maturity: 70/71 days

Maturity: 57/58 days

- Spring and autumn variety with typical oriental leaf shape
  - Glossy dark green leaves, plants have strong pink root colour
  - Upright habit and vigorous growth rate
  - *HR: Pe 1-11, 13, 15, 16*
- 

## Artemis F1

Spring and autumn

Density **330,000 seeds/ha**

A Drilled: 30/07/25

B Drilled: 12/08/25

Maturity: 70/71 days

Maturity: 57/58 days

- Spring and autumn variety
  - Produces slightly puckered leaves with pointed tips
  - Upright habit with dark green leaf colour
  - *HR: Pe 1-9, 11-16, 18, 19*
- 

## Mikado F1

Summer

Density **330.000 seeds/ha**

A Drilled: 30/07/25

B Drilled: 12/08/25

Maturity: 70/71 days

Maturity: 57/58 days

- Unique slow bolting spinach therefore suitable for summer production
  - Provides full continuity throughout the season for the bunched oriental market
  - Dark green leaf colour, multiple side shoots provide good yield
  - Strong pink root
  - *HR: Pe 1-4, 15*
-

# Spinach – Oriental

## Geshi F1

New

A Drilled: 30/07/25

Maturity: 70/71 days

Summer

B Drilled: 12/08/25

Maturity: 57/58 days

Density **330,000 seeds/ha**

- Previously coded SPI02987
- Very slow bolting spinach including a strong mildew package
- Dark green glossy leaf colour with authentic oriental leaf shape
- Very upright habit
- Classic pink root
- HR: Pe 1-9, 11-16, 18-20



Geshi F1

# Spinach – Baby Leaf

## Turandot F1

Spring and autumn

Density **7.3 million seeds/ha**

A Drilled: 27/08/25

B Drilled: 02/09/25

Maturity: 42/43 days

Maturity: 36/37 days

- Thick dark green leaves
- Round to oval shape with semi-savoy texture
- Uniform leaf shape and size
- Upright plant habit
- Medium to fast speed of growth for spring and autumn production
- HR: Pe 1-20

## Figaro F1

Summer

Density **7.3 million seeds/ha**

A Drilled: 27/08/25

B Drilled: 02/09/25

Maturity: 42/43 days

Maturity: 36/37 days

- Thick dark green leaves
- Round to oval shape with slight pucker
- Uniform leaf shape and size
- Upright plant habit
- Moderate speed of growth with high bolting tolerance for summer production
- HR: Pe 1-20

## SPW23002 F1

Spring and autumn

Density **7.3 million seeds/ha**

For  
Trial

A Drilled: 27/08/25

B Drilled: 02/09/25

Maturity: 42/43 days

Maturity: 36/37 days

- Semi-savoy thick leaves
- Round-oval dark green leaves
- Upright plant habit
- Medium to fast speed of growth for spring and autumn production
- HR: Pe 1-20

# Spinach – Baby Leaf

## SPW23005 F1

For  
Trial

A Drilled: 27/08/25

Maturity: 42/43 days

Early spring, late autumn, over winter

B Drilled: 02/09/25

Maturity: 36/37 days

Density **7.3 million seeds/ha**

- Beautiful dark green leaf colour
- Upright plant habit for easier harvest
- Fast growth rate
- *HR: Pe 1-20*

## SPW23006 F1

For  
Trial

A Drilled: 27/08/25

Maturity: 42/43 days

TBC

B Drilled: 02/09/25

Maturity: 36/37 days

Density **7.3 million seeds/ha**

- Beautiful dark green leaf colour
- Upright plant habit for easier harvest
- Good bolting resistance
- *HR: Pe 1-20*

## Control F1

A Drilled: 27/08/25

Maturity: 42/43 days

B Drilled: 02/09/25

Maturity: 36/37 days



# Spinach – Baby Leaf

## Experimental F1

TBC

Density **7.3 million seeds/ha**

A Drilled: 27/08/25

B Drilled: 02/09/25

Maturity: 42/43 days

Maturity: 36/37 days

---

## Experimental F1

TBC

Density **7.3 million seeds/ha**

A Drilled: 27/08/25

B Drilled: 02/09/25

Maturity: 42/43 days

Maturity: 36/37 days

---

## Experimental F1

TBC

Density **7.3 million seeds/ha**

A Drilled: 27/08/25

B Drilled: 02/09/25

Maturity: 42/43 days

Maturity: 36/37 days

---

# Swiss Chard – Mature

## Celebration F1

A Drilled: 25/07/25

Maturity: 75/76 days

B Drilled: 30/07/25

Maturity: 70/71 days

Multi-coloured

Density **330,000 seeds/ha**

- Vibrant multi-coloured petioles from a true multi-coloured line, not a blend of varieties
- 40% red, 40% yellow, 19% orange/pink, 1% white
- Highly uniform plants with dark green glossy leaves
- Ideally suited to fresh markets, amateur gardeners and speciality markets
- Can be used as a baby leaf

## Peppermint

A Drilled: 25/07/25

Maturity: 75/76 days

B Drilled: 30/07/25

Maturity: 70/71 days

Pink petioles

Density **330,000 seeds/ha**

- Vibrant pink and white striped petioles
- Bright green glossy leaf
- Excellent for bunching or processing
- Can be used as a baby leaf crop



Peppermint F1

# Swiss Chard – Baby Leaf

## Seren F1

Drilled: 27/08/25

Maturity: 42/43 days

All season

Density **7.3 million seeds/ha**

- Good performance across the whole season
  - Good contrast between bright green to vibrant red leaf and petiole colour
  - Uniform attractive wide leaf blade
- 

## Fire Fresh F1

Drilled: 27/08/25

Maturity: 42/43 days

All season

Density **7.3 million seeds/ha**

- Fast variety with excellent uniformity, suitable for all season production
  - Good contrast of green leaf to red petiole
  - Strong vigour and health, therefore ideally suited to organic production
  - *HR: Cb IR: Ps*
- 

## Galaxy F1

Drilled: 27/08/25

Maturity: 42/43 days

Spring and autumn

Density **7.3 million seeds/ha**

- Ideally suited to early spring and autumn production
  - Perfect partner to fire Fresh F1, maturing slightly later
  - Good vigour and uniformity
  - Fast maturing leaves with good quality colour contrast
-

# Swiss Chard – Baby Leaf

## Control

Drilled: 27/08/25

Maturity: 42/43 days

All season

Density **7.3 million seeds/ha**



## SCB22002 F1

For  
Trial

Drilled: 27/08/25

Maturity: 42/43 days

TBC

Density **7.3 million seeds/ha**

- Dark glossy leaves with deep dark red petiole
- Upright habit
- Fast growth rate and good uniformity

## SCB22003 F1

For  
Trial

Drilled: 27/08/25

Maturity: 42/43 days

TBC

Density **7.3 million seeds/ha**

- Dark glossy leaves with deep dark red petiole
- Upright habit
- Fast growth rate and good uniformity

# Swiss Chard – Baby Leaf

## Experimental F1

Drilled: 27/08/25

Maturity: 42/43 days

TBC

Density **7.3 million seeds/ha**

---

## SCB23005 F1

For  
Trial

Drilled: 27/08/25

Maturity: 42/43 days

TBC

Density **7.3 million seeds/ha**

- Dark glossy leaves with deep dark red petiole
  - Fastest Sakata variety with upright habit
- 

## Bull's Blood Scarletta

Drilled: 27/08/25

Maturity: 42/43 days

Spring and autumn

Density **7.3 million seeds/ha**

- Selected Sakata strain
  - Excellent deep red leaf and petiole colour and uniform growth
  - Adds vibrant colour to baby leaf packs
  - Performs best in spring and autumn
-

# Turnip

## Sweetbell F1

A Drilled: 06/08/25

Maturity: 63/64 days

B Drilled: 27/08/25

Maturity: 42/43 days

Purple shoulder, white globe

Density **330,000 seeds/ha**

- A purple shoulder white globe variety with outstanding performance
- The internal structure remains clear and white during the growing period
- Ideal root size 6-8cm diameter
- Known in Japan as a Salad Turnip, the flavour is exceptionally sweet with a firm crisp texture
- Unlike other PTWG Sweetbell is ideal for use raw in salads and stir fry, etc.

## Tokyo Club F1

A Drilled: 06/08/25

Maturity: 63/64 days

B Drilled: 27/08/25

Maturity: 42/43 days

White globe

Density **330,000 seeds/ha**

- Pure white with excellent internal structure
- Exceptional sweet flavour with a firm crisp texture
- Outstanding uniformity
- Good adaptation for baby veg
- *HR: Pb: 0, 1, 3*



Tokyo Club F1

# Resistances

BETA VULGARIS		
Abbreviation	Scientific name	English common name
<b>BEET</b>		
<i>BNYVV</i>	<i>Beet necrotic yellow vein virus</i>	Rhizomania
<i>Rs</i>	<i>Rhizoctonia solani</i>	Rhizoctonia root and crown rot
<b>SWISS CHARD</b>		
<i>Cb</i>	<i>Cercospora beticola</i>	Leaf spot
<i>Ps</i>	<i>Peronospora schachtii</i>	Downy mildew

BRASSICA		
Abbreviation	Scientific name	English common name
<b>CABBAGE</b>		
<i>Foc</i>	<i>Fusarium oxysporum f.sp. conglutinans</i>	Fusarium yellows
<b>PAK CHOI</b>		
<i>Pb</i>	<i>Plasmiodiophora brassicae</i>	Clubroot
<b>TURNIP</b>		
<i>Pb</i>	<i>Plasmiodiophora brassicae</i>	Clubroot

SPINACH		
Abbreviation	Scientific name	English common name
<i>Pe</i>	<i>Peronospora effusa</i>	Downy mildew

BUTTERNUT, PUMPKIN & SQUASH		
Abbreviation	Scientific name	English common name
<i>Px</i>	<i>Podosphaera xanthii</i>	Powdery mildew

This information is based on our observations and/or information from other sources. As crop performance depends on the interaction between the genetic potential of the seed, its physiological characteristics, and the environment, including management, we give no warranty express or implied, for the performance of crops relative to the information given nor do we accept any liability for any loss, direct or consequential, that may arise from whatsoever cause.

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# Definition of terms used

## Definition of terms used to describe reactions to pathogens, pests and stresses

The terms used in this catalogue to describe the reactions of varieties to various diseases, pests, or stresses are consistent with those recommended by the International Seed Federation (ISF) and those developed and used in the sciences of plant pathology and plant breeding.

### Introduction

Differing degrees of specificity exist in the relations between plants and pests or pathogens. Identification of such specificity generally requires the use of highly elaborate analytical methods. Recognising whether a plant is subject to a pest or pathogen or not may depend on the analytical method employed. Statements on the reaction of varieties to a specific disease, pest or stress are based on evaluations made under defined conditions and are believed to be reliable. However, the specificity of pests or pathogens may vary over time and space, depends on environmental factors and new pest biotypes or new pathogen races capable of overcoming resistance may emerge. Then it is important to understand that the reactions of a variety to specific diseases, pests or stress can be affected in nature by environmental, biological or other uncontrollable factors that may alter expected performance of this variety.

### Definition

**Two levels of resistance are defined:**

- **High Resistance (HR):**

The ability of a plant to restrict or retard the attack by a specified pest or pathogen, and/or the resulting damage, when compared to the reaction of susceptible plants grown under similar environmental conditions and pest or pathogen pressure. A Highly resistant plant may exhibit some disease symptoms or damage under heavy pest or pathogen pressure.

- **Intermediate Resistance (IR):**

The ability of a plant to endure or restrict to some degree the attack by a specified pest or pathogen. Intermediate resistant plants exhibit a greater range of symptoms than Highly resistant plants but should still perform better than susceptible plants grown under similar conditions.

- **Tolerance (T):**

The ability of a plant to withstand abiotic stress (e.g., environmental or chemical) while performing better than susceptible plants grown under similar conditions.

- **Susceptibility:**

The inability of a plant to restrict the growth and development of a specified pest or pathogen, or to withstand a specified environmental or chemical stress.

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