

# VicVID Field Day

200 McDonalds Road - Catani

27-28<sup>th</sup> April 2023



# Hello & Welcome

On behalf of Bayer, I would like to welcome you to the Victorian Vegetable Innovation Days for 2023 hosted by Butler Market Gardens, Catani Farm and the International Spinach Conference proudly sponsored by Bayer, hosted at Boratto Farms, Bacchus Marsh.

Vegetables by Bayer are delighted to be a part of these exciting events to showcase our Seminis varieties and Bayer crop protection products to Australian and New Zealand growers.

The Innovation Days provide us with a unique opportunity to showcase some of our best and most innovative vegetable seed varieties, particularly broccoli, cauliflower, and spinach. Our aim is to share our knowledge and expertise with you all, and hopefully, inspire you to take the next step in your own trialling efforts with these new and exciting pipeline varieties.

As a leader in the vegetable seed industry, we at Bayer are committed to providing high-quality and sustainable solutions to farmers and producers. Our seed varieties are carefully developed and tested to ensure they meet the highest standards of quality and performance. We understand the importance of innovation in agriculture and are always looking for new ways to improve our products and services. We believe that events like the Victorian Vegetable Innovation Days are vital for the industry, as they provide an opportunity for us to collaborate and share ideas and best practices.

I would like to take this opportunity to thank my team for preparing a wonderful site and to all the delegates for their interest in our seed varieties and crop protection products. Thank you for taking the time to attend this event, our team looks forward to meeting with you and learning more about your business and how we at Bayer can support you now and into the future.

Finally, I look forward to welcoming our spinach customers and industry stakeholders to the International Spinach Conference field day in Bacchus Marsh to evaluate our extensive spinach seed and crop protection portfolios.

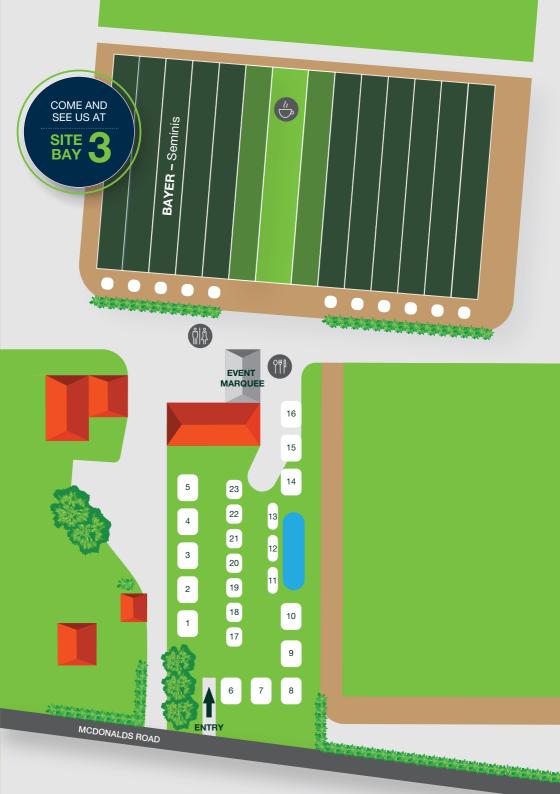
DARREN WOOD ANZ Commercial Lead Bayer Crop Science - Vegetables

# LET'S GROW BETTER TOGETHER

Seminis is proud to operate on the belief that every generation can be better than the last. It's a principle that goes well beyond innovative vegetable seed development. We believe that if tomorrow is to be better for our partners, it's up to us to work in collaboration to make it so.

This strongly held conviction allows us to fully understand and deliver on the unique needs of open-field and protected growers in greenhouse growing environments. Partnering with everyone from fresh market growers to processing professionals, and small scale to large commercial farmers, we offer more than 20 different crops in more than 150 countries and territories.





# PLANTING MAP

# Welcome to our Bayer site at VicVID 2023

We look forward to our team showcasing the great range of current and new products in our pipeline.

Today you will see a range of our Spinach, Broccoli, Cauliflower, Cabbage and Beans and as you can see a large number of those are new products being tested under Australian conditions.

#### REGISTER YOUR INTEREST

Please scan the QR code below to register your interest in any of our products. Our team will touch base and send you more information or arrange a trial for you.



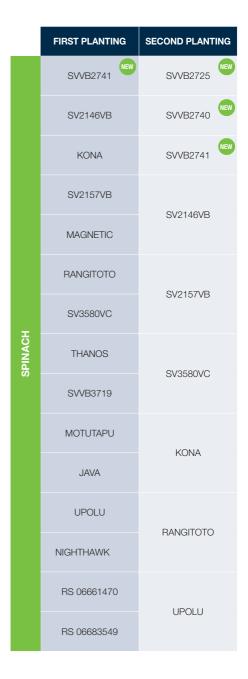
Scan the QR code to register your details

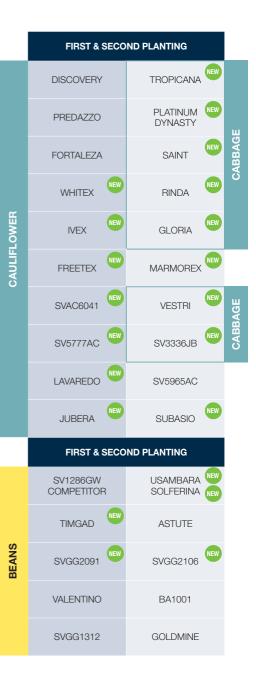
#### WANT MORE INFORMATION?

If you want more information or to reach out to the team yourself, scan here so you can contact us in your own time.



Scan the QR code to check out our website for all the latest information







### **SPINACH**



SV2146VB

SV2146VB has a broad planting window and heat tolerance, making it most ideal for summer conditions. Its leaves are round, dark green and semi-savoy.



SV2157VB is a spinach that radiates during summer heat. This variety has an excellent amount of thickness with uniformity in leaf size and field-holding ability.



Magnetic is adaptable to summer sowing. It has high resistance to downy mildew, oval-shaped leaves, nice savoyness, mid-light green leaves and upright growth.

#### FEATURES

- // Broad planting window
- // Heat tolerance
- // Round leaves, dark green
- // Semi-savoy

#### **ADDITIONAL INFO**

Vigour Scale: (1–10) 3

**Leaf Shape** Oval

Leaf Colour Dark green

Resistances HR: Pe:1–13,15,16,18

#### FEATURES

- // Suitable for summer heat
- // Thickness with uniformity
- // Field-holding ability
- // Oval shape, dark green

#### ADDITIONAL INFO

Vigour Scale: (1–10) 3

Leaf Shape Oval

Leaf Colour Dark green

Resistances HR: Pe:1–13,15,16,18

#### FEATURES

- // Adaptable to summer sow
- // High resistance to DM
- // Oval-shaped leaves
- // Savoy, mid-light green
- // Upright growth

#### **ADDITIONAL INFO**

Vigour Scale: (1–10) 3

Leaf Shape Oval to slighty pointed

Leaf Colour Mid-light green

Resistances HR: Pe:1–15,17



Kona is savoy to semi-savoy with medium dark green colour, round to oval in shape, semi erect plant habit, leaves are thick and very uniform. High yield potential most suited for warmer time slot.

#### FEATURES

- // Suited to warmer time
- // High yield potential
- // Savoy to semi-savoy
- // Round to oval, medium dark green
- // Semi erect, thick, very uniform

#### **ADDITIONAL INFO**

Vigour Scale: (1–10) 3

Leaf Shape Round to oval

Leaf Colour Medium dark green

Resistances HR: Pe:1–15,17



SV3580VC is a reliable and versatile, dark green smooth leaf spinach. With an upright plant habit, it offers good yield potential between seasons. SV3580VC is an ideal variety for both bunching and baby leaf markets.

#### FEATURES

- // Dark green smooth leaf
- // Upright plant habit
- // Good yield potential between seasons
- // Ideal for bunching and baby leaf

#### ADDITIONAL INFO

Vigour Scale: (1–10)

Leaf Shape Oriental

Leaf Colour Dark green

**Resistances HR:** Pe:1–13,15,16,18



RANGITOTO

With a round to oval shape, Rangitoto has thick dark green and shiny leaves, adding extra volume in prepack, savoy to semi-savoy texture. Erect habit and great uniformity makes this variety easy to harvest.

#### FEATURES

- // Round to oval shape
- // Thick dark green, shiny leaves
- // Extra volume in pre-pack
- // Savoy to semi-savoy
- // Erect habit, great uniformity

#### ADDITIONAL INFO

Vigour Scale: (1–10)

Leaf Shape Round to oval

Leaf Colour Medium dark green

Resistances HR: Pe:1–16,19

NOTES

#### 9

### **SPINACH**



Java is adaptable to midautumn, winter and early spring sowing. It has mid-light green leaves and upright plant growth. Java has smooth, oval-shaped leaves and a high resistance to downy mildew.

#### FEATURES

- // Adaptable mid-autumn, winter, early spring sow
- // Mid-light green, upright
- // Smooth, oval-shaped
- // High resistance to downy mildew

#### **ADDITIONAL INFO**

**Vigour Scale: (1–10)** 7

Leaf Shape Oval to slighty pointed

**Leaf Colour** Mid-light green

Resistances HR: Pe:1–15,17



SVVB3719 is well adapted to winter in Queensland and the shoulder season in southern parts of Australia and Western Australia. It's a smooth, midlight green spinach that is best suited for baby leaf.

#### **FEATURES**

- // Winter in Queensland
- // Shoulder in southern Australia
- // Smooth, mid-light green
- // Best suited for baby leaf

#### ADDITIONAL INFO

Vigour Scale: (1–10) 7

Leaf Shape Oval

Leaf Colour Medium green

Resistances HR: Pe:1-11,13,15



Motutapu is smooth to slightly savoy and shiny medium dark leaf spinach. Fast growing with very erect habit. Oval to slightly pointy shape, medium thickness. Excellent leaf shape and size uniformity.

#### FEATURES

- // Smooth to slightly savoy
- // Shiny medium dark green
- // Fast growing, very erect
- // Oval to slightly pointy
- // Medium thickness
- // Excellent shape and uniformity

#### ADDITIONAL INFO

Vigour Scale: (1–10) 8

Leaf Shape Oval to slightly pointy

Leaf Colour Medium dark green

Resistances HR: Pe:1–16,19



Upolu is very erect with oval to slightly pointy leaf shape, medium green with excellent uniformity, leaves are medium thick and smooth to slightly savoy in texture. Suitable for cold climate.

### FEATURES

- // Erect, oval to slightly pointy
- // Medium green, excellent
- uniformity // Medium thick, smooth to slightly savoy
- // Suitable for cold climate

#### **ADDITIONAL INFO**

Vigour Scale: (1–10) 8

Leaf Shape Oval to pointy

Leaf Colour Medium green

Resistances HR: Pe:1-16,19

NOTES



RS 06683549 is a fast maturing, easy harvest winter variety. It is quick to reach maturity under cold conditions and is suitable for both the bunching and baby leaf markets.

#### FEATURES

- // Fast maturing, easy harvest
- // Quick to maturity in cold conditions
- // Suitable for bunching and baby leaf

#### ADDITIONAL INFO

Vigour Scale: (1–10) 8

Leaf Shape Oriental

Leaf Colour Dark green

**Resistances HR:** Pe:1–11,13,15,16,18



RS 06661470

Vigorous and fast growing, RS 06661470 is a baby leaf that's best suited for winter. It's a dark green spinach with round and semi-savoy leaves.

#### FEATURES

- // Vigorous and fast growing
- // Baby leaf for winter
- // Dark green, round
- // Semi-savoy

#### ADDITIONAL INFO

Vigour Scale: (1–10) 8

Leaf Shape Round

Leaf Colour Dark green

Resistances HR: Pe:1–10,15 IR: Cd/Cv/Sb

### **SPINACH**



Palaos is a dark green spinach suitable for fresh market; its shiny, semi-savoy, round shaped leaves have excellent uniformity. Very adaptable variety that is suitable for Spring, Autumn and mild winter period.

#### FEATURES

- // Dark green
- // Shiny, semi-savoy, round
- // Excellent uniformity
- // Very adaptable
- // Suitable for fresh market
- // Spring, Autumn, mild winter

#### **ADDITIONAL INFO**

**Vigour Scale: (1–10)** 7

Leaf Shape Round to oval

Leaf Colour Dark green

#### Resistances HR: Pe:1–10,15 IR: Cd/Cv



Nighthawk is a semi-savoy dark green spinach with an upright habit. It has excellent yield potential and is well suited for winter.



- // Dark green
- // Semi-savoy, upright
- // Excellent yield potential
- // Well suited for winter

#### **ADDITIONAL INFO**

**Vigour Scale: (1–10)** 10

Leaf Shape Oval to slightly pointed

Leaf Colour Medium green

**Resistances Pe:** 1–7,9,11,13,15,16,18



SVVB2740

Slower growing than SV2146VB, summer time slot, thick leaves which are savoy and round oval to slightly pointy, DM 1-19 + 2 new races (254, 381). Performed well in screening trials Australia & NZ.

#### FEATURES

- // Summer season
- // Savoy
- // Semi erect
- // Performed well in screening trials

#### **ADDITIONAL INFO**

Vigour Scale: (1–10) 2

Leaf Shape Oval to slightly pointy

Leaf Colour Dark green

#### **Resistances Pe:** 1-19 + 2 new races\*



Slower to harvest compared to Kona, summer time slot, very good leaf & stem ratio, uniform medium dark shiny green (darker than Kona), complete DM 1-19 + new races.



Medium vigour, shoulder time slot, similar speed to SV3580VC, oval shape, savoy semi erect, dark shiny green, very uniform DM 1-19 + 2 new races.



Mid to late maturing, highly adaptable spinach variety with wide harvest window, providing high yield production potential and flexibility for growers. Smooth texture with oval leaf shape.

#### FEATURES

- // Very good leaf to stem ratio
- // Uniformity

#### FEATURES

- // Shoulder season
- // Semi savoy
- // Erect
- // Very uniform

#### FEATURES

- // Wide harvest window
- // Smooth texture
- // Uniformity
- // High yield potential

#### **ADDITIONAL INFO**

Vigour Scale: (1–10) 3

**Leaf Shape** Oval

Leaf Colour Medium dark

Resistances Pe: 1-19 + new races\*

#### ADDITIONAL INFO

Vigour Scale: (1–10) 5

Leaf Shape Oval

Leaf Colour Dark shiny green

Resistances Pe: 1-19 + 2 new races\*

#### **ADDITIONAL INFO**

Vigour Scale: (1–10) 5

**Leaf Shape** Oval

Leaf Colour Medium dark

Resistances HR: Pe: 1-15, 17\*

NOTES

### CAULIFLOWER



Discovery has a tall and erect frame with good curd cover. It produces large, heavy, smooth curds and is suitable for both summer/autumn harvest in cool areas, and late autumn/winter harvest in warmer areas.



Fortaleza has good wrap for added protection, along with excellent adaptability making it well suited to warm conditions.



SV5965AC

When time is of the essence, SV5965AC is a leading choice. It matures 3 weeks faster than other varieties in its time slot and its large, dense curd and strong frame protect it from the elements.

#### FEATURES

- // Tall and erect frame
- // Good curd cover
- // Large, heavy, smooth
- // Summer/autumn in cool
- // Late autumn/winter in warmer

#### **ADDITIONAL INFO**

Curd Colour

Plant Vigour Medium to strong

Season Warm to hot

Maturity

11-12 weeks

#### FEATURES

- // Good wrap for protection
- // Excellent adaptability
- // Well suited to warm conditions

#### FEATURES

- // Matures 3 weeks faster
- // Large, dense curd
- // Strong frame protects

#### ADDITIONAL INFO

### Curd Colour

Plant Vigour Medium

**Season** Warm

Maturity 10–11 weeks

#### **ADDITIONAL INFO**

### Curd Colour

Plant Vigour Strong

Season Winter

Maturity 17–18 weeks

NOTES .....



SUBASIO

Vigorous plant with erect plant habit. Very good curd cover. Curd is a high-dome and very white, firm and with excellent weight. Dual purpose variety – fresh and processing.

#### FEATURES

- // Vigorous and erect plant
- // Very good curd cover
- // High-dome, very white
- // Firm, excellent weight
- // Fresh and processing

#### **ADDITIONAL INFO**

Curd Colour

Plant Vigour Strong

Season Spring & autumn

Maturity 15–17 weeks



Strong vigorous semi erect plant. Excellent curd cover. Curd is high dome, smooth with great tuck. Lavaredo provides uniform maturity and can be harvested in one or two passes.

#### **FEATURES**

- // Strong vigorous semi erect
- // Excellent curd cover
- // Curd is high dome, smooth, great tuck
- // Uniform maturity
- // Harvest in one/two passes

#### ADDITIONAL INFO

#### Curd Colour

Plant Vigour Medium strong

Season Autumn

Maturity 14–15 weeks



Whitex is part of our new Curdivex<sup>®</sup> range that gives you quicker harvest and will stay fresher looking for longer. Medium strong vigor with erect habit. Curd is medium dome with smooth appearance.

#### FEATURES

- // Curdivex<sup>®</sup> quicker harvest, stay fresher looking
- // Medium strong vigor, erect
- // Curd medium dome, smooth

#### **ADDITIONAL INFO**

#### Curd Colour



Plant Vigour Medium strong

Season Summer & autumn (southern region) winter (QLD)

Maturity 10–12 weeks

#### NOTES ...

# CAULIFLOWER



#### PREDAZZO

Medium vigorous erect plant. Excellent curd cover makes it suitable to be grown in summer. Curds are dense, compact, heavy and domeshaped. Very good colour. Summer and early autumn harvest.

#### FEATURES

- // Medium vigorous erect
- // Suitable for summer
- // Curds dense, compact, heavy, dome-shaped
- // Summer and early autumn harvest

#### **ADDITIONAL INFO**

#### Curd Colour

Plant Vigour Medium

#### Season

Summer in southern regions, autumn and early winter in QLD

#### Maturity

NOTES ...

11-12 weeks



Erect with medium high plant vigour, excellent curd coverage, firm white heads with good basal tuck, dome shape, smooth, good disease tolerance. Suitable for autumn and mild winter production. Relative maturity 100-105 days.

#### FEATURES

- // Excellent curd coverage
- // Good basal tuck
- // Dome shape
- // Good disease tolerance

#### **ADDITIONAL INFO**

### Curd Colour

•

**Plant Vigour** Medium to strona

Season Autumn/mild winter

#### Maturity

14-15 weeks



New Curdivex for late summer & autumn harvest. Medium vigorous erect plant type, it shows bright white curds, excellent head firmness and it is very easy to harvest. Matures approximately 70-75 days.

#### FEATURES

- // Erect plant type
- // Bright white curds
- // Excellent head firmness
- // Very easy to harvest

#### ADDITIONAL INFO

#### Curd Colour

Plant Vigour Medium

Season Later summer/autumn

Maturity 10-11 weeks

16 VicVID Field Day 2023



Medium vigour, good selfcovering ability, good tuck, strong against splitting, compact curd with good quality, heavy curd, maturity 70-75 days.



- // Good self-covering ability
- // Compact heavy curd
- // Strong against splitting



Curdivex variety for fresh market. Matures in 69-75 days from transplanting. For Spring and Autumn slots. Uniform at harvest, with a nice jacket, compact foliage, creamy white vs Whitex. It gives compact curds with good coverage and decent quality.

#### FEATURES

- // Compact, good coverage curds
- // Spring and Autumn slots
- // Uniform at harvest



MARMOREX

Marmorex belongs to the Curdivex cauliflower line. Extra early variety of about 75 days of cycle that presents a medium vigor of the plant and good health, with a good coverage and an incredible presentation and uniformity in terms of color, shape and weight.

#### FEATURES

- // Extra early variety
- // Good curd cover
- // Uniform colour, shape and weight

#### **ADDITIONAL INFO**

Curd Colour

Plant Vigour Medium

Season Summer

#### Maturity

NOTES

10-11 weeks

#### ADDITIONAL INFO

Curd Colour

Plant Vigour Medium

Season Spring/Autumn

Maturity 10-11 weeks

#### **ADDITIONAL INFO**

#### **Curd Colour**

Plant Vigour Medium

Season Summer & autumn (southern region) winter (QLD)

Maturity 10-11 weeks

### CAULIFLOWER



SV5777AC is a second early cauliflower. Healthy erect plant habit with strong vigour and excellent curd cover with a tightly wrapped jacket. Produces high domed curds with a healthy base. Matures very uniformly and produces heavy and compact heads.

#### FEATURES

- // Good curd cover
- // Excellent curd base health
- // Vigorous and erect plant
- // Solid curd, easy to harvest

#### **ADDITIONAL INFO**

**Curd Colour** 

Plant Vigour Strong

**Season** Spring/Autumn

#### Maturity

10-11 weeks

NOTES	s	 		 	 		 		
•••••	•••••	 							
•••••	····•	 	••••						
••••••	·····	 	••••						
••••••	•••••	 	••••						



### BROCCOLI



IRONMAN

Ironman has your back! A globally trusted performer and market standard in Europe and China for many years, Ironman is known for its outstanding consistency and quality.



Stem broccoli with small heads, tender and very sweet stem. Dark green stem with fine beaded mini broccoli head. Very easy to harvest.

#### FEATURES

- // Globally trusted
- // Market standard in Europe
- // Outstanding consistency
   and quality

#### **ADDITIONAL INFO**

#### Colour

Head Shape

Bead Size Fine to medium

Maturity 10–12 weeks

#### FEATURES

- // Stem broccoli, small heads
- // Tender very sweet stem
- // Dark green stem, fine beaded mini broccoli head

•

// Very easy to harvest

#### ADDITIONAL INFO

#### Colour

**Head Shape** Mini broccoli head

Bead Size

Maturity 7–9 weeks

#### WARTHOG

Semi erect plant type. Green heads with fine beads. Medium dome with excellent firmness. Suitable for hot to cool transition (autumn & early winter) in southern regions & winter harvest in QLD.

#### FEATURES

- // Semi erect plant type
- // Green heads, fine beads
- // Medium dome, excellent firmness
- // Hot to cool transition in southern regions
- // Winter harvest in QLD

#### ADDITIONAL INFO

### Colour

Head Shape Medium dome

Bead Size Fine to medium

Maturity 10–12 weeks



Titanium is a High-Rise<sup>™</sup> type with good airflow allowing for reduced labour costs at harvest. It has a firm head with fine beads that minimises damage from water soaking and head rot.



Eiffel is a High-Rise™ type with improved uniformity and visible crowns. Like all High-Rise™ types, it has been developed to reduce labour during harvest.

#### FEATURES

- // High-Rise<sup>™</sup> stalks reduce harvesting labour costs
- // Firm head, fine beads minimise damage

#### FEATURES

- // High-Rise<sup>™</sup> with improved uniformity, visible crowns
- // Developed to reduce labour during harvest

#### **ADDITIONAL INFO**

#### Colour

Head Shape

Bead Size Fine

Maturity 10–11 weeks

#### ADDITIONAL INFO

#### Colour

**Head Shape** Medium dome

Bead Size Fine to medium

Maturity 10–13 weeks



Raised head broccoli. Unique type suitable for floreting/ process or fresh. Longer, greener floret stems, with very uniform florets, dark green with fine beads, great sweet taste. Uniform maturity. Potential to machine harvest.

#### FEATURES

- // Raised head broccoli
- // Suits floreting/processing
- // Longer, greener stems
- // Very uniform florets, dark green, fine beads, great sweet taste
- // Uniform maturity

#### **ADDITIONAL INFO**

#### Colour

Head Shape Medium dome

Bead Size Fine to medium

#### Maturity 8–11 weeks

NOTES

### BROCCOLI



Medium vigour with open plant habit. Fast and uniform maturing for hot conditions. Heads are medium dome, fine beads with medium green colour, maturity 7-8 weeks after transplanting, quality crowns and florets.

#### FEATURES

- // Open plant habit
- // Fast & uniform maturing for hot conditions



Spinnaker is a new variety with the potential to replace Ironman for autumn & spring harvest. Spinnaker is very uniform to mature, very easy to harvest and has good tolerance to hollow stem, crown rot and systemic downy mildew.

#### FEATURES

- // Very uniform to mature
- // Easy to harvest
- // Good tolerance to hollow stem & some diseases



Lieutenant is our second fastest maturing broccoli after Castle Dome, medium vigorous plant, semi erect, with excellent uniformity. Heads are medium dome, firm, medium green colour with good weight, and fine beads.

#### FEATURES

- // Medium vigorous plant
- // Excellent uniformity
- // Strong against cat eye

#### **ADDITIONAL INFO**

Colour

Head Shape Medium dome

Bead Size

Fine

Maturity 7-8 weeks

#### **ADDITIONAL INFO**

#### Colour

Head Shape Medium to high dome

Bead Size

Maturity 9-10 weeks

#### **ADDITIONAL INFO**

## Colour

Head Shape Medium dome

Bead Size Fine

Maturity 8-9 weeks



Very good plant vigour and strong canopy semi erect, suitable for hot conditions, strong against purpling and brown beads, high do me shape, fine to medium beads, good firmness, maturity 7-8 weeks after transplanting.

#### FEATURES

- // Very good plant vigour
- // Semi erect canopy
- // Suitable for hot conditions



Summer variety, improved heat tolerance, head quality & yield potential. Matures between Ironman and new SV1002BL. Good colour, uniform, medium to fine beads. Heads are solid and domed. Improved hollow stem tolerance compared to Ironman.

#### FEATURES

- // Solid domed heads
- // Fine to medium bead size
- // Improved heat tolerance
  for warmer conditions
- // Matures between Ironman and SV1002BL

#### ADDITIONAL INFO

#### Colour

Head Shape Hiah dome

Bead Size Fine to medium

Maturity 7-8 weeks

#### ADDITIONAL INFO

#### Colour

**Head Shape** Medium dome

Bead Size Fine to medium

Maturity 8-9 weeks



Erect vigorous plant. Firm and tight heads, dark green, smooth, medium fine beads, dome shape with flat bottom. Unifrom at harvest, growers have the opportunity to harvest in 1-2 passes. Harvest season Summer & Autumn.

#### FEATURES

- // Excellent uniformity
- // Firm & tight heads
- // Summer & autumn harvest

#### ADDITIONAL INFO



Medium fine

#### Maturity 8-9 weeks

# NOTES

### BROCCOLI



Erect strong plant with excellent uniformity. Easy to harvest. Erect strong heads potentially suitable for machine harvest. Semi dome in shape, fine beads, excellent green colour. Matures in approximately in 75-85 days.

#### FEATURES

- // Excellent uniformity
- // Erect strong heads
- // Easy to harvest

#### **ADDITIONAL INFO**

#### Colour

Head Shape

Semi dome

Bead Size Fine

#### Maturity 8-9 weeks



Vigorous with semi erect plant habit. Early maturing, with high yield potential that adapts to the transition season from hot to cold. Dome in shape, medium fine beads. Suitable for fresh and processing market.

#### FEATURES

- // Early maturing
- // Semi erect plant habit
- // Transition season from hot to cold
- // Fresh and processing market

#### ADDITIONAL INFO

#### Colour

Head Shape Dome

Bead Size Medium fine

Maturity 10-11 weeks



Autumn & Winter variety that matures approx. 2-3 days earlier than Andersia. Excellent head quality and will run alongside our Autumn High Rise<sup>®</sup> portfolio of Titanium and Andersia for the processing market.

#### FEATURES

- // High quality small florets with good bead uniformity
- // Potential to be machine harvested
- // Autumn & winter

#### ADDITIONAL INFO

Colour
Head Shape
Semi dome
Bead Size

Fine to medium

Maturity 9-10 weeks



Medium vigorous with semi erect habit. Heads are medium dome, medium green with medium fine beads. Very good uniformity at harvest, firm and dense structure, easy trim, good tolerance to White Blister, Autumn & Winter time slot.

#### FEATURES

- // Very good uniformity
- // Firm & dense structure
- // Autumn & winter

#### **ADDITIONAL INFO**

•

Colour

Head Shape Medium dome

Bead Size Medium fine

#### Maturity

10-11 weeks

NC	TES	<b>.</b>	 	 	 	 	 	 	 	 	 	 	 	 	 	
•••••		••••••	 	 	 	 	 	 	 	 	 	 	 	 	 	
•••••		••••	 	 	 	 	 	 	 	 	 	 	 	 	 	
•••••		••••	 	 	 •••••	 										
•••••		•••••••	 	 	 	 	 	 	 	 	 	 	 	 	 	

### **BEANS**



#### VALENTINO

Valentino is a dark green bean with straight pods that are positioned well for mechanical harvest. Valentino is a compact plant with excellent heat tolerance.

#### FEATURES

- // Dark green bean
- // Straight pods
- // Suitable for mechanical harvest
- // Compact plant, excellent heat tolerance

#### **ADDITIONAL INFO**

Average Pod Length 14cm

Sieve size

**Colour** Dark green

Resistance HR: BCMV IR: Ua:38,90



### SVGG1312

SVGG1312 is a complement variety to Pharoah. More suited to cooler production windows, this variety is suitable for multiple harvests which allows for hand harvesting.

#### FEATURES

- // Complement to Pharoah
- // More suited to cooler production windows
- // Suitable for multiple harvests, allows for hand harvest

#### **ADDITIONAL INFO**

#### Average Pod Length 13cm

Sieve size 3–4

**Colour** Dark green

Resistance HR: BCMV/CI:55/Psp:2 IR: Ua:90



#### PHAROAH

Pharoah is a green bean suitable for machine and hand harvest for a number of production areas in Australia. High quality, dark glossy straight green pods, average 14cm long with superior quality and uniformity.

#### FEATURES

- // Suitable for machine/hand harvest
- // High quality, dark glossy, straight
- // ~14cm long, superior
  quality and uniformity

#### ADDITIONAL INFO

Average Pod Length 14cm

Sieve size 3–4

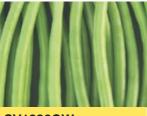
#### Colour

Dark green

#### Resistance

Full disease resistance claim to be confirmed.

#### NOTES .....



#### SV1286GW

SV1286GW is a small sieve bean. This variety has high uniformity in sieve and size distribution. The plant is compact with a concentrated setting. Uniform, straight, attractive pods.

#### FEATURES

- // Small sieve bean
- // High uniformity (sieve/size)
- // Compact, concentrated
   setting plant
- // Uniform, straight, attractive
   pods

#### **ADDITIONAL INFO**

Average Pod Length 11.5cm

Sieve size

**Colour** Dark green

NOTES

Resistance HR: BCMV/CI:55/Psp:2



A gold star yellow bean! Gold Mine is a highly attractive wax bean that performs well for both frozen and canned processing. It has long, beautiful pods with excellent yield potential and consistent quality.

#### FEATURES

- // Highly attractive wax bean
- // For processing frozen & canned
- // Long, beautiful pods
- // Excellent yield potential, consistent quality

#### ADDITIONAL INFO

#### Average Pod Length 14cm

Sieve size 4–5

#### Colour Yellow

Resistance HR: BCMV IR: Psp:2



Timgad is a bean variety for the processing market. Variety with high yield potential and slow seed development. Very uniform setting and high quality pods. Upright plant habit.

#### FEATURES

- // High yield potential
- // Upright plant habit
- // Processing market

#### ADDITIONAL INFO

Average Pod Length 12.5 cm

Sieve size 3 & 4

**Colour** Medium green

Resistance HR: BCMV; CI:55 IR: Psp:2

### **BEANS**



Usambara is a romano bean/ flat bush bean with short compact upright plant type. High yield potential. Good pod quality and uniformity. Slow seed development. Sweet tasting variety.

#### FEATURES

- // High yield potential
- // Short compact upright plant habit
- // Sweet tasting



Solferina is a romano bean/ flat bush bean with short, compact & upright plant, high yield potential with good uniformity of pods, medium green pod colour, slow seed development, straight uniform pods. Sweet tasting variety.

#### **FEATURES**

- // High yield potential
- // Compact & upright plant habit
- // Sweet tasting



#### SVGG2106

SVGG2106 is a bean variety on trial. Excellent quality dark colour pods. Small compact plant type. High yielding variety.

#### FEATURES

- // High yield potential
- // Dark colour pods

#### **ADDITIONAL INFO**

Average Pod Length 14 cm

Sieve size N/A

**Colour** Medium light green

Resistance HR: BCMV IR: Psp:2

#### ADDITIONAL INFO

Average Pod Length 16 cm

Sieve size N/A

**Colour** Medium dark green

Resistance HR: BCMV/Psp:2

#### **ADDITIONAL INFO**

Average Pod Length 13 cm

**Sieve size** 3 & 4

Colour

Dark green

Resistance HR: Psp2/Co2/Ur38/BCMV IR: Pss



Excellent quality fresh market green bean. 55 days maturity. Long straight dark green pods. Medium vigorous plant.

#### FEATURES

- // High yield potential
- // Dark green straight pods
- // High pod quality

#### **ADDITIONAL INFO**

Average Pod Length 14 cm

Sieve size

**Colour** Dark green

Resistance

HR: BCMV;BCTV; CI:55; Ua:38 IR: Psp:2; Pss; Ua:90

NOTES		 	 
••••••	••••	 	 
••••••	••••	 	 
•••••	••••	 	 
••••••	••••	 	 

### CABBAGE



TROPICANA

Tropicana is a medium sized (3-3.5kg) plain cabbage for fresh market use, It has slightly flattened, round, head shape, with dark blue green leaf colour. It has very strong plant vigour, even in extremes of heat and cold.



Early maturing, 70-75 days, round head, blue green colour, good internal qualities, head weight 2-3kg, suitable for fresh market.



Very compact blue to green leaf cabbage, fast growing 70-75 days suitable for summer and autumn production. Very good internal structure, size 2-3kg, for fresh market only.

#### FEATURES

- // Fresh market use
- // Very strong plant vigour
- // Strong against disease
- // Late summer/autumn and winter harvest

#### ADDITIONAL INFO

**FEATURES** 

// Fresh market use

// Round heads with good

// Early maturing

internals

Leaf Colour Blue green

Head Shape Round

Size 2-3kg

Maturity 10-11 weeks

#### FEATURES

- // Fresh market use
- // Very compact and good internals
- // Summer/autumn production

#### **ADDITIONAL INFO**

Leaf Colour Blue to green

Head Shape Round

#### Size

2-3kg

#### Maturity

10-11 weeks

NOTES

#### ADDITIONAL INFO

Leaf Colour Dark blue green

#### **Head Shape**

Round

#### Size

3-3.5kg

#### Maturity

9-10 weeks



Early maturing 90-100 days suitable for processing and fresh market, round to high round heads, fine internal structure, 4-8kg.



High-yielding hybrid variety resistant to adverse weather conditions, with high immunity against diseases. Ideal for all seasons. Maturity between 70-75 days. Weight 3-4kg. Strong against splitting, very good field holding ability.



- // Processing & fresh market
- // Summer/autumn time slot



Strong vigorous plant, maturity 105-110 days, weight 4-6kg, fresh and processing, excellent internal quality with small core, late summer & autumn time slot, good field holding, blue green in colour, strong against Fusarium.

#### FEATURES

- // Processing & fresh market
- // Summer/autumn time slot

### FEATURES

- // Processing & fresh market
- // Fine internals

**ADDITIONAL INFO** 

Round to high round

Leaf Colour

Head Shape

Green

Size

4-8kg

Maturity

13-14 weeks

#### **ADDITIONAL INFO**

Leaf Colour Blue green

Head Shape Flat round

**Size** 4-6kg

Maturity 15-16 weeks

#### **ADDITIONAL INFO**

Leaf Colour Blue green

Head Shape Flat round

#### Size

4-6kg

### Maturity

15-16 weeks

NOTES

### CABBAGE



Early maturity in main season segment, good healthiness and uniformity in the field, vigorous plants with semi erected frame and good head protection, round, firm and heavy heads. Sweet taste and good internal structure.

#### FEATURES

- // Processing early, fresh salads or krauting
- // Good yield potential
- // Good harvest
   concentration for less cuts

#### **ADDITIONAL INFO**

Leaf Colour Blue to green

**Head Shape** 

Flat round

#### Size

3-5kg

#### Maturity

14-15 weeks

NOTES	 
••••••	
•••••	
•••••	
•••••	 



# **CROP PROTECTION PRODUCTS**









Infinito works fast and lasts longer, providing excellent protection against downy mildew and white blister in brassica vegetables. Containing two modes of action for foliar application, INFINITO is also an ideal resistance management alternative for growers. Belt is a fast-acting and long-lasting solution for the control of various chewing (lepidopteran) pests in a range of brassica crops. Belt is 'soft' on most beneficial species and pollinators (when used as directed), so it fits very well into IPM programs. Belt is very active and rainfast quickly after spraying, demonstrates good stability to UV radiation and provides a long residual effect.





Movento is a powerful, innovative insecticide for the control of sucking pests – including silverleaf whitefly, various aphid pests and diamondback moth larvae control in brassicas. Movento is better able to control sucking pests 'hiding' on the covered inner leaves that other insecticides can't reach. Movento is highly compatible with IPM production systems, being 'soft' on most beneficial species when used as directed.





Serenade® SOIL ACTIV is a new soil optimised addition to the Serenade family, formulated to achieve superior colonisation of plant roots and improved assimilation of soil resources. The carefully selected and pure strain of beneficial bacteria in Serenade SOIL ACTIV has proven to increase nutrient availability and uptake, resulting in increased root and plant growth, across multiple field trials in Australia and around the world.

# **RESISTANCE CODES**

### **LEAFY (SPINACH)**

CODE	SCIENTIFIC NAME	ENGLISH NAME
CD	Colletotrichum dematium	Anthracnose
CMV		Cucumber mosaic virus
CV	Cladosporium variable	Cladosporium leaf spot
FO	Fusarium oxysporum	
PE (EX.PFS)	Peronospora farinosa f. sp. spiniaciae	Downy mildew
SB	Stemphylium botryosum	Stemphylium leaf spot

### LARGE SEED (BEAN)

CODE	SCIENTIFIC NAME	ENGLISH NAME
BCMV		Bean common mosaic virus
BCTV		Beet curly top virus
CL	Colletotrichum lindemuthianum	Anthracnose
PSP	Pseudomonas savastanoi pv. phaseolicola	Halo blight
PSS	Pseudomonas syrinagae pr syringae	Bacterial brown spot
UA	Uromyces appendiculatus	Rust

Note: All resistances are now referred to as High Resistance (HR) or Intermediate Resistance (IR). In this catalogue all resistances are HR unless specified.

High/standard resistance (HR): plant varieties that highly restrict the growth and development of the specified pest or pathogen under normal pest or pathogen pressure when compared to susceptible varieties. These plant varieties may, however, exhibit some symptoms or damage under heavy pest or pathogen pressure. Moderate/intermediate resistance (IR): plant varieties that restrict the growth and development of the specified pest or pathogen, but may exhibit a greater range of symptoms or damage compared to high/ standard resistant varieties. Moderately/ intermediately resistant plant varieties will still show less severe symptoms or damage than susceptible plant varieties when grown under similar environmental conditions and/or pest or pathogen pressure.

### SEEDS COUNT AND PLANT DENSITY DATA

CROP	SEED COUNT PER GRAM	PLANT POPULATION PER HA (MK)	PLANT POPULATION PER ACRE (MK)
SPINACH	40-150	7,000-10,000	2,830-4,050
CAULIFLOWER	190–250	28–35	11–14
BROCCOLI	160–240	40-45	16–18
BEANS	4–7	200–250	80–100

# Meet the Team

#### COMMERCIAL/SALES



DANIELLE BULLER Seminis Sales Manager Australia & New Zealand 0400 949 065 danielle.buller@bayer.com



CARLOS RAMIREZ Key Account Manager 0437 821 581 carlos.ramirez2@bayer.com



ELIZA SEYMOUR Regional Business Manager -Victoria & Tasmania 0407 006 269 eliza.seymour@bayer.com



MARIANO PODESTA Regional Business Manager -New South Wales 0417 742 834 mariano.podesta@bayer.com



JOSH SQUIBB Regional Business Manager -Central & South East Queensland 0427 138 874 josh.squibb@bayer.com



DAVID ROSE Regional Business Manager -Western Australia & Northern Territory 0408 875 917 david.rose@bayer.com



NICK WILLIAMS Seminis New Zealand Regional Business Manager +64 21 961 707 nick.williams@bayer.com



Scan the QR code to find your local representative

#### MARKET DEVELOPMENT



DAVID CAMPBELL Market Development Lead Australia & New Zealand 0400 304 766 david.campbell@bayer.com



JOSIP BALINT Market Development Specialist -Brassicas & Spinach 0400 377 333 josip.balint@bayer.com



CAMILA CAMPOS Market Development Specialist -Beans 0439 201 812 camila.campos@bayer.com



NATHAN GORTER-SMITH Seminis New Zealand Market Development Specialist +64 21 961 969 nathan.gorter-smith@bayer.com

#### **CROP PROTECTION**



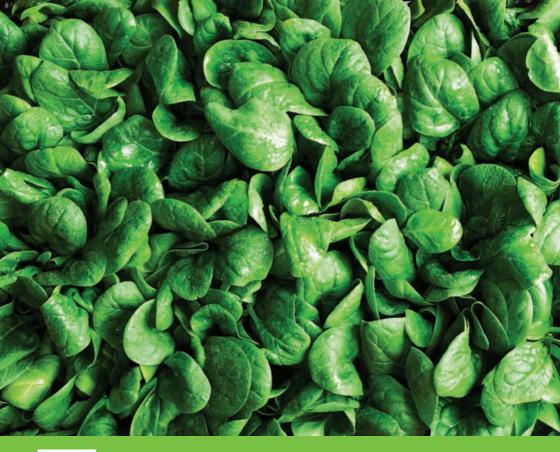
DAMIEN ODGERS Business Development Manager -Horticulture 0429 425 742 damien.odgers@bayer.com



ALISTAIR BEYER Territory Business Manager -Southern Victoria and Tasmania 0447 250 734 alistair.beyer@bayer.com



TROY MULCAHY Market Development Agronomist – Horticulture 0400 020 455 troy.mulcahy@bayer.com





For more information visit **vegetables.bayer.com** or contact your local representative

#### Vegetable Seeds Customer Service

Ph: 1800 364 846 Email: vegetables.australia@bayer.com

#### Bayer Australia

Head Office: Level 1, 8 Redfern Rd, Hawthorn East VIC 3123 Phone: +61 3 92486888



All information concerning the varieties given orally or in writing by Bayer Australia Pty Ltd. or its employees or agents, including the information in this product guide, is given in good faith, but is not to be taken as a representation or warranty by Bayer Australia Pty Ltd. as to the performance or suitability of those varieties which may depend on local climatic conditions and other factors. Bayer Australia Pty Ltd. assumes no liability for any such information. This information shall not form part of any contract with Bayer Australia Pty Ltd. unless otherwise specified in writing.

Copyright © 2004–2023 Bayer Group. All rights reserved. Seminis and DeRuiter are registered trademarks of Bayer Group.

The terms and abbreviations used by Bayer Australia Pty Ltd to describe the reaction of plants obtained from the seeds to pests or pathogens and to abiotic stresses such as (High/standard resistance (IR), moderate/intermediate resistance (IR), Immunity, Susceptibility and Tolerance shall have the maning given by the International Seed Federation and can be found on ISF website (www.worldseed.org).

Individual results may vary, and performance may vary from location to location and from year to year. This result may not be an indicator of results you may obtain, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible.