



OPEN FIELD PRODUCT GUIDE 2022–2024

AUSTRALIA





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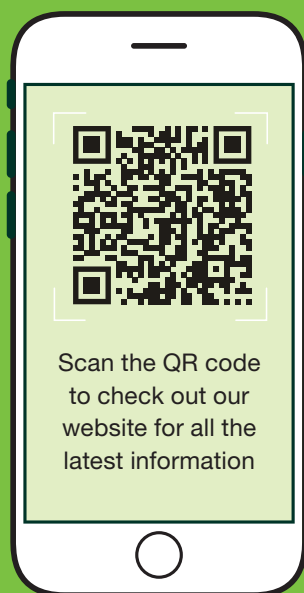
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**MEET THE
TEAM**

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.



BRASSICA

BROCCOLI, CAULIFLOWER



SCAN ME

*View our range of Broccoli
and Cauliflower varieties*



“

With Eiffel, the cost of harvest will be a lot less than normal varieties. Cutting crews like this variety because it sits tall and is easy to cut and get into the bins. We get a lot more bins per hour, which will significantly reduce harvest costs.

”

*KEVIN TEMPLE
HARVEST MOON*

BROCCOLI



BC1691

BC1691 has an attractive high domed head positioned well in the plant for easy harvest. This product has made a very strong impression with growers who have transplanted in Victoria from the last week of November, performing well over the summer period.

FEATURES

Colour:



Head Shape:

High dome

Bead size:

Fine

Season:

Summer

Maturity:

11–13 weeks



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. Widely adaptable in Australia, Ironman is easy to grow and quick to respond to even the slightest agronomic change.

FEATURES

Colour:



Head Shape:

Dome

Bead size:

Fine to medium

Season:

Transition

Maturity:

10–12 weeks



LEGACY

Legacy is a reliable, cool season-type. It is strong, uniform and has early vigour in the cold. Legacy has fine-beaded, dome-shaped heads with dark green colour and good stem thickness.

FEATURES

Colour:



Head Shape:

High dome

Bead size:

Fine to medium

Season:

Cool

Maturity:

12–13 weeks

BROCCOLI



SIBSEY

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

SKYTREE

Raised head broccoli. Unique type suitable for floretting/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. Suitable for Autumn harvest.

STEEL

This dark green, high-domed variety is sure to make an impression in the supermarkets. It's popular amongst many growers because it's not only high yielding and rich in colour, it's also easy to harvest.

FEATURES



Head Shape:
Mini broccoli head

Bead size:
Fine

Season:
All year

Maturity:
7-9 weeks

FEATURES



Head Shape:
Medium dome

Bead size:
Fine to medium

Season:
Autumn

Maturity:
8-11 weeks

FEATURES



Head Shape:
High dome

Bead size:
Fine

Season:
Autumn

Maturity:
11-13 weeks

This planting window is an estimate only. Defined planting window will be confirmed after completion of trial process.

BROCCOLI



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. Very uniform maturity offers growers 1–2 harvest passes.

FEATURES

Colour:



Head Shape:

Medium dome

Bead size:

Fine to medium

Season:

Transition/hot to cool

Maturity:

10–12 weeks



EIFFEL

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

Colour:



Head Shape:

Medium dome

Bead size:

Fine to medium

Season:

Spring/Summer

Maturity:

10–13 weeks



TITANIUM

Titanium is a High-Rise™ 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.

FEATURES

Colour:



Head Shape:

Dome

Bead size:

Fine

Season:

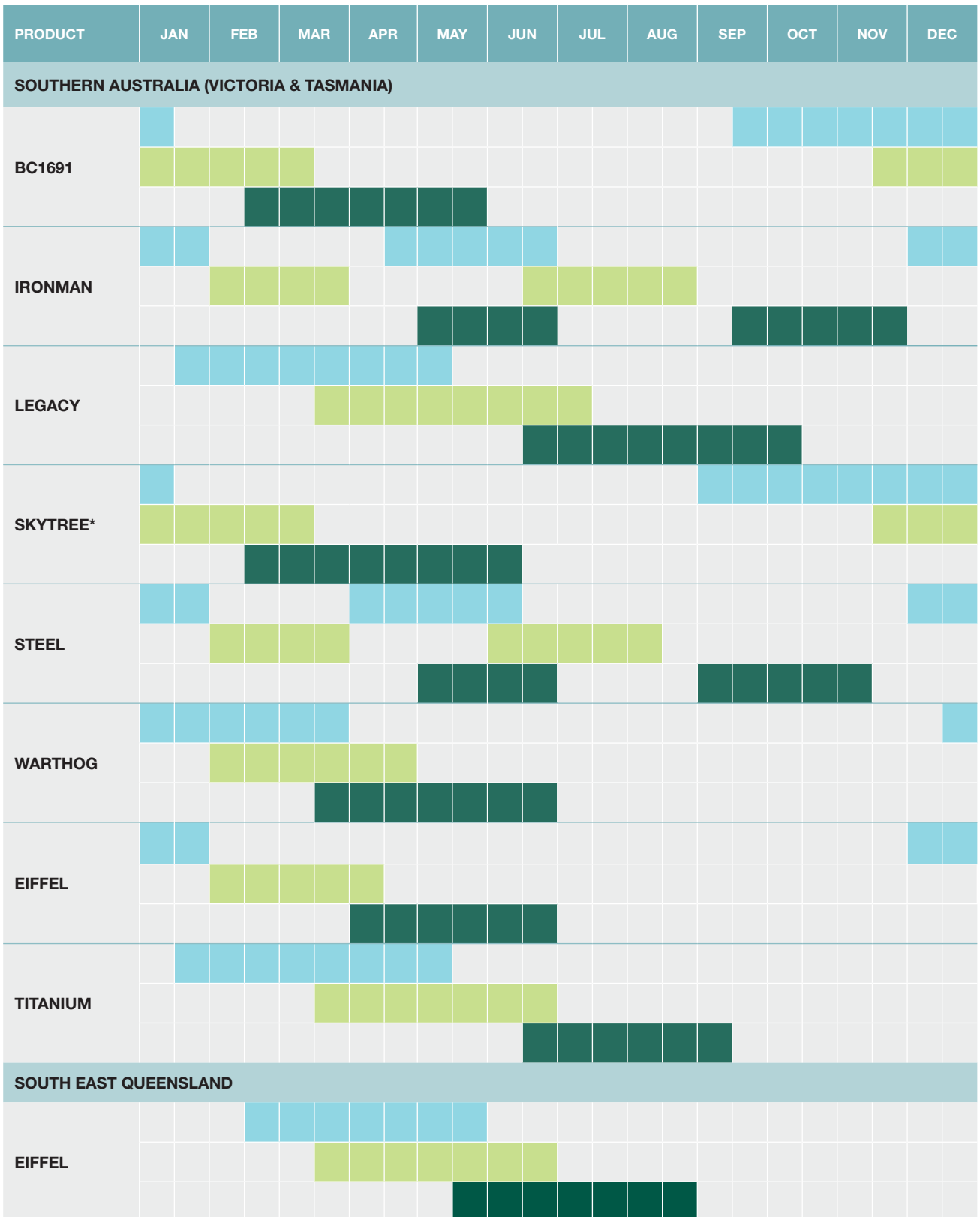
Cool Transition

Maturity:

10–11 weeks

BROCCOLI PLANTING CALENDAR

■ Sowing
 ■ Transplanting
 ■ Harvesting



*This planting window is an estimate only. Defined planting window will be confirmed after completion of trial process.

BROCCOLI PLANTING CALENDAR

■ Sowing
 ■ Transplanting
 ■ Harvesting

PRODUCT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
WESTERN AUSTRALIA												
EIFFEL												
TITANIUM												
IRONMAN												

CAULIFLOWER

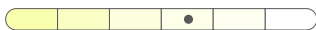


DISCOVERY

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.

FEATURES

Curd colour:



Plant vigour:

Medium to strong

Season:

Warm to hot

Maturity:

11–12 weeks

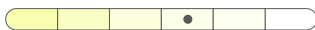


FORTALEZA

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

FEATURES

Curd colour:



Plant vigour:

Medium

Season:

Warm

Maturity:

10–11 weeks

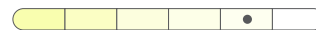


SVAC6021

Sharing one parental line with sibling variety Discovery, SVAC6021 was specifically selected for its performance in high temperatures. SVAC6021 features excellent curd wrap, allowing for better curd protection through the summer months.

FEATURES

Curd colour:



Plant vigour:

Medium to strong

Season:

Hot

Maturity:

10–11 weeks

CAULIFLOWER

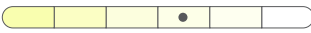


DONNER

Donner has a tall, erect frame providing excellent cover. Mid-maturity for transitional periods. Curd colour and presentation make this cauliflower suitable for export.

FEATURES

Curd colour:



Plant vigour:

Medium to strong

Season:

Transition

Maturity:

13–14 weeks



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. SV5965AC is perfect for the fresh and processing markets.

FEATURES

Curd colour:



Plant vigour:

Strong

Season:

Winter

Maturity:

17–18 weeks



SV5982AC

SV5982AC is a logical variety for planting immediately after SV5965AC. A true winter cauliflower, SV5982AC produces an erect plant with good curd protection, and a superior white curd colour.

FEATURES

Curd colour:



Plant vigour:

Strong

Season:

Winter

Maturity:

18–19 weeks

CAULIFLOWER

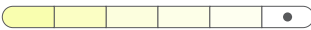


GIEWONT

Giewont is a well wrapped cauliflower that produces solid, dense florets with excellent colour! It has a high percentage of usable florets and a reduced crumb loss. Highly adaptable for processing.

FEATURES

Curd colour:



Plant vigour:

Strong

Season:

Main

Maturity:

13–14 weeks

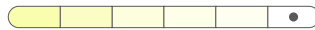


TEEREX (CURDIVEX®)

Teerex is one of Seminis' brilliant white, Curdivex® cauliflowers for quicker harvest that will stay fresher looking for longer. It has high heads with less curd cover, excellent shelf life, and a curd that stays brilliant white for longer. Due to Teerex's open frame it makes it easy to identify when the crop is ready as the curd is easily visible.

FEATURES

Curd colour:



Plant vigour:

Strong

Season:

Winter

Maturity:

10 weeks

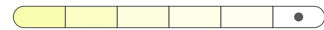


WHITEX (CURDIVEX®)

Whitex is part of our new Curdivex® 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 and brilliant white in colour. Excellent uniformity makes it suitable for quicker harvest. Very good field holding due to ability to stay whiter than commercial standards. Whitex allows for outstanding presentation for consumer shelves.

FEATURES

Curd colour:



Plant vigour:

Medium strong

Season:

Summer & Autumn (Southern Region)

Winter (QLD)

Maturity:

10–12 weeks

This planting window is an estimate only. Defined planting window will be confirmed after completion of trial process.

CAULIFLOWER

LATEST

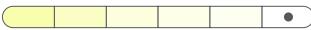


LAVAREDO

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. Quality curds and excellent weight makes this variety suitable for fresh and processing market.

FEATURES

Curd colour:



Plant vigour:

Medium strong

Season:

Autumn harvest

Maturity:

14–15 weeks

This planting window is an estimate only. Defined planting window will be confirmed after completion of trial process.

LATEST

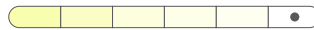


PREDAZZO

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

FEATURES

Curd colour:



Plant vigour:

Medium

Season:

Summer in Southern regions, and Autumn and early winter in QLD

Maturity:

11–12 weeks

This planting window is an estimate only. Defined planting window will be confirmed after completion of trial process.

LATEST

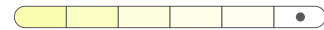


SUBASIO

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. Suitable for Autumn & Spring harvest in Southern regions & winter harvest in QLD.

FEATURES

Curd colour:



Plant vigour:

Strong

Season:

Spring & Autumn

Maturity:

15–17 weeks

This planting window is an estimate only. Defined planting window will be confirmed after completion of trial process.

CAULIFLOWER

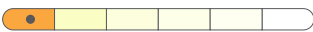


CHEDDAR

Cheddar is a hybrid novelty cauliflower with an attractive orange curd. It's a medium sized plant that produces smooth, domed heads with medium weight and firmness in the curds.

FEATURES

Curd colour:



Plant vigour:

Medium

Season:

Cool

Maturity:

12–13 weeks



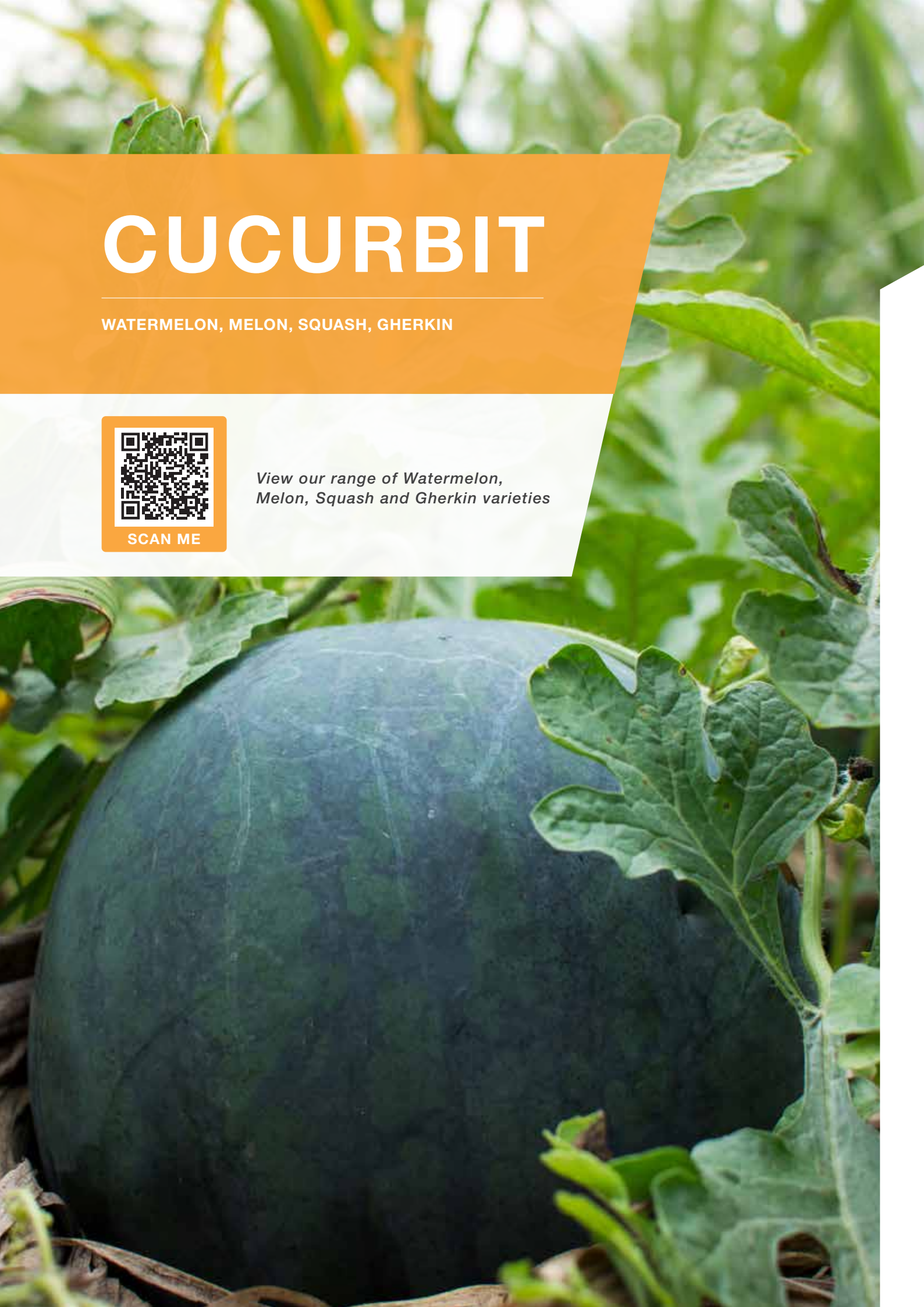
CUCURBIT

WATERMELON, MELON, SQUASH, GHERKIN



SCAN ME

*View our range of Watermelon,
Melon, Squash and Gherkin varieties*



“

The current focus for seedless watermelon program will be on increased disease and pest resistance, with higher internal quality characteristics.

”

*MEGAN CALVERT
BAYER US VEGETABLES R&D
SEMINIS WATERMELON
BREEDER*

CANTALOUPE



DON DAVID

Don David has demonstrated excellent performance in trials in Australia and the US. It is very sweet, with a brix of around 14°. It is easy to grow with good plant vigour and fruit coverage. The fruit is uniform with a strong net and vivid orange flesh colour. Don David excels under the hottest growing slots.

FEATURES

Maturity:
Mid to Late

Vine vigour:
Strong

Fruit size
1.8–2.2kg

Fruit shape:
Round to slightly oval

Internal fruit colour:
Dark orange

Resistance:
HR Fom:0,1
IR Ag



ORANGELLY

Orangelly is a Long Shelf Life (LSL) cantaloupe suited to cooler production windows. Orangelly produces uniform, strong netted fruit in planting windows where many varieties struggle to make size.

FEATURES

Maturity:
Late

Vine vigour:
Medium

Fruit size
1.8–2.2kg

Fruit shape:
Slightly oval to oval

Internal fruit colour:
Dark orange

Resistance:
HR Fom:0,1,2
IR Ag

ITALIAN



SV7881ML

This Italian melon is early maturing with an extended shelf life. SV7881ML is uniform in setting, shape and size. Its ideal harvest time is when the sutures change from dark to light green. SV7881ML is suitable for warm production environments.

FEATURES

Maturity:
Early

Vine vigour:
Strong

Fruit size
2.0kg

Fruit shape:
Round to slightly oval

Internal fruit colour:
Dark orange

Resistance:
HR Fom: 0,1,2
IR Fom:1.2/Px:1,2,5

HONEYDEW



CLASSIQUE

Classique is a firm, crisp, green-fleshed melon that is excellent for export. It produces consistent yields of high quality fruit under warm growing conditions.

FEATURES

Maturity:
Mid to late

Vine vigour:
Strong

Fruit shape:
Round

Internal fruit colour:
Green

Resistance:
HR Fom:0,2
IR Px:1



FLAVOR JOURNEY

A consumer favourite thanks to its sweet taste! Flavor Journey is a green-fleshed, long shelf life honeydew with a higher brix. Early sugar accumulation allows for fruit to be harvested with bright white skin. Firm flesh allows for export markets as an option. It's grown in the Classique time slot and offers uniform fruit size and high yield potential.

FEATURES

Maturity:
Mid to late

Vine vigour:
Strong

Fruit shape:
Round to slightly oval

Internal fruit colour:
Green

Resistance:
IR Px:3.5,5/Ag



GLACIER

Glacier is the largest fruit size offered in the Seminis honeydew range and is suitable for production in cooler production windows.

FEATURES

Maturity:
Mid

Vine vigour:
Strong

Fruit shape:
Oval

Internal fruit colour:
Green

Resistance:
-

HONEYDEW



EL PASO

El Paso is a yellow-skinned honeydew with high yield potential. This variety produces large fruit enabling it to be grown in cooler production windows.

FEATURES

Maturity:

Mid

Vine vigour:

Medium

Fruit shape:

Round to oval

Internal fruit colour:

White

Resistance:

HR Fom:0,2

CHARENTAIS



SV9790MC

SV9790MC is the largest charentais currently available from Seminis Australia. This hybrid is excellent internally with dark, orange-to-red flesh and a small, tight cavity. Its flesh is firm with very high brix (14).

FEATURES

Maturity:

Mid

Vine vigour:

Strong

Fruit shape:

Round to slightly oval

Internal fruit colour:

Dark orange/light red

Resistance:

HR Fom:0,1,2

IR Gc/Px:1,2,3,5

MELON PLANTING CALENDAR

Planting

Harvesting

PRODUCT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
NORTH QUEENSLAND												
ORANGELLY				Planting	Planting							
SV7881ML		Planting	Planting	Planting								
CLASSIQUE		Planting	Planting	Planting								
FLAVOR JOURNEY		Planting	Planting	Planting								
GLACIER				Planting	Planting							
EL PASO				Planting	Planting							
SV9790MC		Planting	Planting	Planting								
CENTRAL QUEENSLAND												
ORANGELLY									Planting	Planting		
SV7881ML									Planting	Planting		
CLASSIQUE									Planting	Planting		
FLAVOR JOURNEY									Planting	Planting		
GLACIER									Planting	Planting	Planting	
EL PASO									Planting	Planting	Planting	
SV9790MC									Planting	Planting		
NORTH WA, NORTHERN TERRITORY												
ORANGELLY				Planting	Planting							
SV7881ML		Planting	Planting	Planting								
CLASSIQUE		Planting	Planting	Planting								
FLAVOR JOURNEY		Planting	Planting	Planting								

MELON PLANTING CALENDAR

Planting

Harvesting

PRODUCT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
NORTH WA, NORTHERN TERRITORY (CONTINUED)												
GLACIER				Planting	Planting							
						Harvesting	Harvesting	Harvesting				
SV9790MC		Planting	Planting	Planting					Planting	Planting		
				Harvesting	Harvesting	Harvesting	Harvesting				Harvesting	Harvesting
NSW, VIC, SA, SOUTH EAST QLD, SOUTH WA												
DON DAVID												Planting
		Harvesting	Harvesting	Harvesting	Harvesting							Planting
SV7881ML												Planting
		Harvesting	Harvesting	Harvesting	Harvesting							Planting
CLASSIQUE	Planting											Planting
	Harvesting	Harvesting	Harvesting	Harvesting	Harvesting							Planting
FLAVOR JOURNEY	Planting											Planting
	Harvesting	Harvesting	Harvesting	Harvesting	Harvesting							Planting
GLACIER	Harvesting	Harvesting				Harvesting	Harvesting					Planting
	Harvesting		Planting	Planting						Planting	Planting	
EL PASO	Harvesting					Harvesting	Harvesting					Planting
	Harvesting					Harvesting	Harvesting					Planting
SV9790MC	Planting											Planting
	Harvesting	Harvesting	Harvesting	Harvesting	Harvesting							Planting

WATERMELON



JOY RIDE

Joy Ride is a large-fruited, striped, elongated watermelon suitable for all production areas. Its flesh is red, firm and sweet with reduced cracking. Under stressful conditions, Joy Ride exhibits less hard seed coats than competitor products, meaning less rejections at market and consumer end. We recommend utilising a short vine pollinator like Wingman, with this variety.

FEATURES

Maturity:
Mid

Vine vigour:
Strong

Fruit size
7–10kg

Fruit shape:
Elongated

Internal fruit colour:
Red

Resistance:
IR Fon:1



SUMMER BREEZE

Summer Breeze has improved production performance when grafted on RS841. It produces consistent 7–8kg fruit and has demonstrated it can travel well over long distances. Summer Breeze has superior deep red internals and exceptional eating quality.

FEATURES

Maturity:
Mid

Vine vigour:
Strong

Fruit size
7–8kg

Fruit shape:
Round

Internal fruit colour:
Red

Resistance:
HR Co:1
IR Fon:1



SWEET TRICK

This compact watermelon is small in size but big on appeal. It's dark green rind, seedless and firm flesh appeals to the modern-day consumer. Packed with flavour and weighing only 5–7kg, Sweet Trick is an easy to handle, fridge-friendly melon. It matures nearly a week earlier than larger melons and has reliable yield.

FEATURES

Maturity:
Early to mid

Vine vigour:
Strong

Fruit size
5–7kg

Fruit shape:
Round to oval

Internal fruit colour:
Red

Resistance:
HR Co:1
IR Fon:1

WATERMELON



ZEPPLIN

An attractive and versatile watermelon, Zeppelin ticks a lot of boxes. With strong vine vigour, allowing greater fruit protection. Dark red, firm, sweet flesh gives a delightful eating experience. Zeppelin is a highly adaptable variety, suited to all watermelon production areas in Australia.

FEATURES

Maturity:

Mid

Vine vigour:

Strong

Fruit size

8.5kg +

Fruit shape:

Round

Internal fruit colour:

Deep red

Resistance:

IR Co:1/Fon:1

SVWA8817

SVWA8817 is a unique yellow flesh seedless watermelon. New to trial this variety has performed well in all growing regions with a vigorous vine and excellent fruit setting ability. Fruit is large 9–10kg and eating quality is excellent.

FEATURES

Maturity:

Mid to late

Vine vigour:

Strong

Fruit size

9–10kg

Fruit shape:

Elongated Oblong

Internal fruit colour:

Yellow

Resistance:

Full disease resistance claim to be confirmed

This planting window is an estimate only. Defined planting window will be confirmed after completion of trial process.

POLLINATOR AND ROOTSTOCK



WINGMAN

SEEDLESS POLLINATOR

Wingman is an extended flowering pollinator that enables maximum seedless watermelon yield through the prolific production of male flowers. It has small, grey, crushable fruit for increased safety while walking through the field and are easily distinguishable during harvest. The vine is light and flexible and does not compete with the seedless and enables flowers to be presented easily to bees.

FEATURES

Resistance:
IR Fon:1

RS 841

CUCURBIT ROOTSTOCK

Interspecific squash hybrid rootstock suitable for watermelon and melon grafting. The ease of use for grafting and the ability to grow in stressful conditions make RS 841 the reference for the cucurbit rootstock market.

FEATURES

Resistance:
HR Foc:1,2/Fom:0,1,1,2,2/Fon:1,2/
For/Ps
IR Rs/Vd/Ma/Mi/Mj

SVWY5387

WILD WATERMELON ROOTSTOCK

SVWY5387 is a wild watermelon type rootstock suitable for grafting with triploid scions. This rootstock has high resistance to fusarium races 1 and 2 (US). Trialled with commercial watermelon scions this variety has demonstrated excellent yield potential and increased vine vigour.

FEATURES

Maturity:
Scion dependent

Vine vigour:
Strong

Resistance:
HR Fon: 1,2

WATERMELON PLANTING CALENDAR

Planting

Harvesting

PRODUCT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
NORTH QUEENSLAND												
JOY RIDE		Planting	Planting	Planting			Planting	Planting	Planting			
					Harvesting	Harvesting	Harvesting		Harvesting	Harvesting	Harvesting	Harvesting
SUMMER BREEZE		Planting	Planting	Planting			Planting	Planting	Planting			
					Harvesting	Harvesting	Harvesting		Harvesting	Harvesting	Harvesting	Harvesting
SWEET TRICK		Planting	Planting	Planting			Planting	Planting	Planting			
					Harvesting	Harvesting	Harvesting		Harvesting	Harvesting	Harvesting	Harvesting
ZEPPLIN		Planting	Planting	Planting			Planting	Planting	Planting			
					Harvesting	Harvesting	Harvesting		Harvesting	Harvesting	Harvesting	Harvesting
CENTRAL QUEENSLAND												
JOY RIDE	Planting	Planting	Planting	Planting				Planting	Planting	Planting		
					Harvesting	Harvesting	Harvesting				Harvesting	Harvesting
SUMMER BREEZE	Planting	Planting	Planting	Planting				Planting	Planting	Planting		
					Harvesting	Harvesting	Harvesting				Harvesting	Harvesting
SWEET TRICK	Planting	Planting	Planting	Planting				Planting	Planting	Planting		
					Harvesting	Harvesting	Harvesting				Harvesting	Harvesting
ZEPPLIN	Planting	Planting	Planting	Planting				Planting	Planting	Planting		
					Harvesting	Harvesting	Harvesting				Harvesting	Harvesting
NORTH WA, NORTHERN TERRITORY												
JOY RIDE			Planting	Planting	Planting	Planting	Planting	Planting	Planting	Planting		
					Harvesting	Harvesting	Harvesting	Harvesting	Harvesting	Harvesting		
SUMMER BREEZE			Planting	Planting	Planting	Planting	Planting	Planting	Planting	Planting		
					Harvesting	Harvesting	Harvesting	Harvesting	Harvesting	Harvesting		
SWEET TRICK				Planting	Planting	Planting	Planting	Planting	Planting	Planting		
					Harvesting	Harvesting	Harvesting	Harvesting	Harvesting	Harvesting		
ZEPPLIN			Planting	Planting	Planting	Planting	Planting	Planting	Planting	Planting		
					Harvesting	Harvesting	Harvesting	Harvesting	Harvesting	Harvesting		
NSW, VIC, SA, SOUTH EAST QLD, SOUTH WA												
JOY RIDE	Planting	Planting								Planting	Planting	Planting
	Harvesting	Harvesting	Harvesting	Harvesting	Harvesting	Harvesting						Harvesting
SUMMER BREEZE	Planting	Planting								Planting	Planting	Planting
	Harvesting	Harvesting	Harvesting	Harvesting	Harvesting	Harvesting						Harvesting
SWEET TRICK	Planting	Planting								Planting	Planting	Planting
	Harvesting	Harvesting	Harvesting	Harvesting	Harvesting	Harvesting						Harvesting
ZEPPLIN	Planting	Planting								Planting	Planting	Planting
	Harvesting	Harvesting	Harvesting	Harvesting	Harvesting	Harvesting						Harvesting

This planting window is an estimate only. Defined planting window will be confirmed after completion of trial process.

CUCUMBER

VARIETIES	AFL (CM) L/D RATIO	HARVEST	RESISTANCE
BRISTOL	20–23cm fruit	55 days	HR CMV/ZYMV/Psl/Ccu/Co:1 IR PRSV/Pcu/Px
Bristol is an open field slicer cucumber with around 20–23cm fruit. Harvest is 55 days and could go all year.			

GHERKIN

VARIETIES	AFL (CM) L/D RATIO	HARVEST	RESISTANCE
EXPEDITION	3.1–3.2 L/D ratio	Spring – Summer	HR CMV/Psl/Ccu IR Co:1/Px
Expedition is a blocky, dark green fruit with a 3.1–3.2 L/D ratio. Its excellent fruit colour and shape make it ideal for machine pick and processor.			
JOURNEY	3.1 L/D ratio	Spring – Summer	HR CMV/Psl/Ccu/Co:1 IR Px
Journey is a blocky, dark green fruit with a 3.1 L/D ratio. Its heavy yield potential and excellent fruit colour and shape make it ideal for machine pick and processor.			
VLASPIK	3.1–3.2 L/D ratio	Spring – Summer	HR CMV/Ccu/Co:1 IR Psl/Px
Vlaspik is considered to be the industry standard and is adaptable for both machine and hand harvest schemes. Vlaspik is a medium, dark green fruit, L/D ratio is 3.1–3.2 and is adaptable to a wide range of conditions and stress.			

SQUASH

VARIETY	
SUNNY DELIGHT	Sunny Delight is a yellow button squash and can be harvested at the baby stage or allowed to mature to 5–7 cm across. Plants have a semi-bush, open habit that makes harvesting a snap. Harvest begins just 40 days after planting.

ZUCCHINI

VARIETY	
CONGO	Congo is a warm season variety with high yield potential. It is a strong open plant, with cylindrical, glossy, dark green fruit with a small blossom end scar.
CLARITA	A Lebanese-type zucchini, Clarita is pale green with a blocky, tapered shape. It produces high yields grown on a uniform plant with a vigorous bush.

LARGE SEED

SWEET CORN, BEANS



SCAN ME

*View our range of Sweet Corn
and Bean varieties*

“

The new hybrids we are launching in Australia are full of flavour and offer strong disease resistance. This is the result of 20 years of research and development at our station in Idaho.

”

*KENDELL HELLEWELL
BAYER US VEGETABLES R&D
SEMINIS SWEET CORN
BREEDER*

SWEET CORN YELLOW



ACCELERATION

Get ahead with Acceleration! Acceleration offers sweet corn growers a market-leading disease package with High Resistance to some races of Common Rust (RpG5). Acceleration has outstanding cob characteristics with excellent uniformity, tip fill and husk cover; not to mention it tastes fantastic.

FEATURES

Kernel colour:
Yellow

Average cob size:
20cm x 4.5cm

Resistance:
HR RpG5
IR MDMV/SCMV/Pst/Bm:0/Et:1

PASSION

Passion matures approximately 81 days after planting. It is a medium-large sized sweet corn with a proven track record across growing regions Australia-wide.

FEATURES

Kernel colour:
Yellow

Average cob size:
2cm x 5cm

Resistance:
HR Rp1D
IR Pst/Et

SV1446SD

Offering growers high yield and great cob uniformity potential, SV1446SD ticks a lot of boxes. The yellow hybrid has an easy to pull, attractive green husk with good tip fill and disease package.

FEATURES

Kernel colour:
Yellow

Average cob size:
20.5cm x 5cm

Resistance:
HR RpG59
IR MDMV/SCMV/Pst/Bm:0/Et:1

SWEET CORN YELLOW

LATEST



LATEST



LATEST



MESSENGER

Messenger delivers superb quality, attractive looking cobs, bright yellow with straight 18–20 kernel rows. Plant is strong and sturdy with good resistance to lodging. Tip fill is generally excellent.

SV1514SK

SV1514SK has an exceptional field holding ability and ability to withstand heavy rain and wind. Excellent husk cover. Plant is approx 180 cm with cobs set at 55 cm height. It has potential to produce two marketable cobs.

WILLINGER

Willinger is an early maturity hybrid with high yield potential. Suitable for both processing and fresh markets. It has a strong plant and has shown good lodging resistant. Cobs are very uniform with good tip fill. Row count 16–18. Plant height is 180 cm with first cob set at approximately 50 cm.

FEATURES

Kernel colour:
Yellow

Average cob size:
21.5cm x 5cm

Resistance:
HR RpG59
IR MDMV/SCMV/Et

This planting window is an estimate only. Defined planting window will be confirmed after completion of trial process.

FEATURES

Kernel colour:
Yellow

Average cob size:
20cm x 4.5cm

Resistance:
HR RpG5
IR MDMV/SCMV/Pst

This planting window is an estimate only. Defined planting window will be confirmed after completion of trial process.

FEATURES

Kernel colour:
Yellow

Average cob size:
20cm x 4.5cm

Resistance:
HR RpG
IR MDMV

This planting window is an estimate only. Defined planting window will be confirmed after completion of trial process.

SWEET CORN BI-COLOUR



EX08767143

A cylindrical cob with good husk cover and colour. EX08767143's cob is heavy and has a tidy row pattern with good kernel colour differentiation. The plant is strong and shows good resistance to lodging.

FEATURES

Kernel colour:

Bi-colour

Average cob size:

19cm x 5cm

Resistance:

HR Rp1D+RpG
IR Pst/Et



INCEPTION

Bi-colour sweet corn offering attractive green husk and good tip fill. Inception provides growers with good cob length and uniformity. Similar to Obsession and EX08767143 types, Inception is a slightly stronger plant with good kernel colour differentiation 16–18 kernel rows.

FEATURES

Kernel colour:

Bi-colour

Average cob size:

21cm x 4.5cm

Resistance:

IR Pst/Bm:0/Et :1

BEAN GREEN GARDEN



BRONCO

Highly adaptable to a broad range of growing conditions, Bronco is a straight, medium green bean of good quality. It produces a medium to large bush, with pods set high in the plant.

EXCALIBUR

Suitable for the fresh market, Excalibur is a dark green bean that produces high quality pods. It's best suited to winter production in Northern Australia.

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

Average pod length:
13.5cm

Sieve size:
4

Colour:
Green

Resistance:
HR BCMV

FEATURES

Average pod length:
13cm

Sieve size:
3

Colour:
Dark green

Resistance:
HR BCMV/Ci:55
IR Psp:2

FEATURES

Average pod length:
14cm

Sieve size:
3-4

Colour:
Dark green

Resistance:
Full disease resistance claim to be confirmed.

BEAN GREEN GARDEN



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

Average pod length:
11.5cm

Sieve size:
2

Colour:
Dark green

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



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. Improved field holding ability through slow seed development. High yielding variety with straight, dark green attractive pods. Highly vigorous plant with great root system.

FEATURES

Average pod length:
13cm

Sieve size:
3-4

Colour:
Dark green

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



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

Average pod length:
14cm

Sieve size:
3

Colour:
Dark green

Resistance:
HR BCMV
IR Ua:38,90

BEAN YELLOW



GOLD MINE

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

Average pod length:

14cm

Sieve size:

4-5

Colour:

Yellow

Resistance:

HR BCMV

IR Psp:2



SV1003GF

SV1003GF is a heavy-yielding wax bean that is suitable for machine harvest.

FEATURES

Average pod length:

12-14cm

Sieve size:

4-5

Colour:

Yellow

Resistance:

HR BCMV

IR Pss

LEAFY

SPINACH, LETTUCE



SCAN ME

*View our range of Spinach
and Lettuce varieties*



“

Rangitoto is our choice for the shoulder season thanks to its uniformity, vigour, leaf thickness and yield. Its Downy Mildew resistance package provides added peace of mind.

”

*JASE DOBRA
THE LOOSE LEAF
LETTUCE COMPANY WA*

SPINACH



MAGNETIC

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

Vigour Scale: (1–10)
3

Leaf shape:
Oval to slightly pointed

Smoothness:
Smooth to semi-savoy

Leaf colour:
Mid-light green

Resistance:
HR Pe:1–15,17

Usage:
Baby leaf



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.

FEATURES

Vigour Scale: (1–10)
3

Leaf shape:
Oval

Smoothness:
Semi-savoy

Leaf colour:
Dark green

Resistance:
HR Pe:1–13,15,16,18

Usage:
Baby leaf



SV2157VB

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. Its dark, glossy leaves and good yield potential make it an attractive variety that adapts well to summer production.

FEATURES

Vigour Scale: (1–10)
3

Leaf shape:
Oval

Smoothness:
Semi-savoy

Leaf colour:
Dark green

Resistance:
HR Pe:1–13,15,16,18

Usage:
Baby leaf

SPINACH

LATEST



KONA

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

Vigour Scale: (1=10)

3

Leaf shape:

Round to oval

Smoothness:

Savoy to semi-savoy

Leaf colour:

Medium dark green

Resistance:

HR Pe:1-15,17

Usage:

Baby leaf



SV3580VC

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

Vigour Scale: (1-10)

6

Leaf shape:

Oriental

Smoothness:

Smooth

Leaf colour:

Dark green

Resistance:

HR Pe:1-13,15,16,18

Usage:

Baby leaf and bunching



PALAOS

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

Vigour Scale: (1=10)

7

Leaf shape:

Round to oval

Smoothness:

Semi-savoy

Leaf colour:

Dark green

Resistance:

HR Pe:1-0,15

IR Cd/Cv

Usage:

Baby leaf

SPINACH



JAVA

Java is adaptable to mid-autumn, 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

Vigour Scale: (1–10)
7

Leaf shape:
Oval to slightly pointed

Smoothness:
Smooth to semi-savoy

Leaf colour:
Mid-light green

Resistance:
HR Pe:1–15,17

Usage:
Baby leaf



SVVB3719

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

FEATURES

Vigour Scale: (1–10)
7

Leaf shape:
Oval

Smoothness:
Smooth

Leaf colour:
Medium green

Resistance:
HR Pe:1–11,13,15

Usage:
Baby leaf



RANGITOTO

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

FEATURES

Vigour Scale: (1=10)
7

Leaf shape:
Round to oval

Smoothness:
Semi-savoy

Leaf colour:
Medium dark green

Resistance:
HR Pe:1–16,19

Usage:
Baby leaf

SPINACH



SV1846VC

SV1846VC is a dark green spinach with increased yield potential. This shoulder variety produces uniform leaves that are suitable for both baby and bunching lines.



RS 06683549

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.



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

Vigour Scale: (1–10)

8

Leaf shape:

Oval to slightly pointed

Smoothness:

Smooth

Leaf colour:

Dark green

Resistance:

HR Pe:1–14,19

Usage:

Baby leaf and bunching

FEATURES

Vigour Scale: (1–10)

8

Leaf shape:

Oriental

Smoothness:

Smooth

Leaf colour:

Dark green

Resistance:

HR Pe:1–11,13,15,16,18

Usage:

Baby leaf and bunching

FEATURES

Vigour Scale: (1–10)

8

Leaf shape:

Round

Smoothness:

Semi-savoy

Leaf colour:

Dark green

Resistance:

HR Pe:1–10,15

IR Cd/Cv/Sb

Usage:

Baby leaf

SPINACH



MOTUTAPU

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. Suitable for cold transition harvest time slot (late Autumn & Early Winter/Late Winter and Early Spring harvest).

FEATURES

Vigour Scale: (1=10)
8

Leaf shape:
Oval to slightly pointy

Smoothness:
Smooth to slightly savoy

Leaf colour:
Medium dark green

Resistance:
HR Pe:1-16,19

Usage:
Baby leaf



UPOLU

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

Vigour Scale: (1=10)
8

Leaf shape:
Oval to pointy

Smoothness:
Smooth

Leaf colour:
Medium green

Resistance:
HR Pe:1-6,19

Usage:
Baby Leaf



NIGHTHAWK

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

FEATURES

Vigour Scale: (1=10)
10

Leaf shape:
Oval to slightly pointed

Smoothness:
Semi-savoy

Leaf colour:
Medium green

Resistance:
HR Pe:1-7,9,11,13,15,16,18

Usage:
Baby leaf



UNDERSTANDING VIGOUR RATINGS:

Vigour is the speed at which the variety emerges and matures in the field. Seminis' vigour scale is based on a range of 1 – 10, with 1 being low vigour and 10 being highly vigorous. But what does this mean for your planting decisions?

A VIGOUR RATING OF 1 – 3	Varieties with a vigour rating of between 1 and 3 are less vigorous. These varieties are suitable for summer growing windows. The slower maturity means that the variety will develop a leaf thickness that is acceptable to the market and will incur less bruising during processing.
A VIGOUR RATING OF 3 – 7	Varieties with a vigour rating of between 3 and 7 are moderately vigorous. These varieties are suitable for transition growing windows. Moderate vigour means the varieties will emerge and develop consistently over the maturation period producing the correct leaf thickness and plant habit required in the transitional season.
A VIGOUR RATING OF 7 – 10	Varieties with a vigour rating of between 7 and 10 are very vigorous. These varieties are suitable for winter growing windows. Highly vigorous varieties means they will generate quickly, which is optimal for cold conditions where speed to harvest is important for all growers.

SPINACH GROWING CALENDAR

PRODUCT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
WESTERN AUSTRALIA												
SV2146VB												
SV2157VB												
KONA												
SV3580VC												
SVVB3719												
RANGITOTO												
RS 06683549												
RS 06661470												
MOTUTAPU												
UPOLU												
SOUTH EAST QUEENSLAND												
MAGNETIC												
SV2146VB												
SV2157VB												
KONA												
SV3580VC												
PALAO												
JAVA												
SVVB3719												

SPINACH GROWING CALENDAR

PRODUCT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
SOUTH EAST QUEENSLAND (CONTINUED)												
RANGITOTO												
SV1846VC												
RS 06683549												
MOTUTAPU												
UPOLU												
NIGHTHAWK												
SOUTHERN AUSTRALIA (SA, VIC, TAS, NSW)												
MAGNETIC												
SV2146VB												
SV2157VB												
KONA												
SV3580VC												
PALAO												
JAVA												
SVVB3719												
RANGITOTO												
SV1846VC												
RS 06683549												
RS 06661470												
MOTUTAPU												
UPOLU												
NIGHTHAWK												

QUICK REFERENCE: SPINACH DISEASE RESISTANCE GUIDE

VARIETIES	TYPE	PACKAGE	SEASON
MAGNETIC	Smooth to semi-savoy	HR Pe:1-15,17	Summer
SV2146VB	Semi-savoy	HR Pe:1-13,15,16,18	Summer
SV2157VB	Semi-savoy	HR Pe:1-13,15,16,18	Summer
KONA	Savoy to semi-savoy	HR Pe: 1-15, 17	Summer
SV3580VC	Smooth	HR Pe:1-13,15,16,18	Shoulder
PALAO	Semi-savoy	HR Pe:1-10,15 IR Cd/Cv	Shoulder
JAVA	Smooth to semi-savoy	HR Pe:1-15,17	Shoulder/Winter
SVVB3719	Smooth	HR Pe:1-11,13,15	Winter
RANGITOTO	Semi-savoy	HR Pe:1-16,19	Shoulder
SV1846VC	Smooth	HR Pe:1-14,19	Shoulder
RS 06683549	Smooth	HR Pe:1-11,13,15,16,18	Autumn
RS 06661470	Semi-savoy	HR Pe:1-10,15 IR Cd/Cv/Sb	Winter
MOTUTAPU	Smooth to slightly-savoy	HR Pe:1-16,19	Shoulder
UPOLU	Smooth	HR Pe:1-16,19	Winter
NIGHTHAWK	Semi-savoy	HR Pe:1-7,9,11,13,15,16, 18	Winter

LETTUCE



CARTAGONOVA

Cartagonova is a large vanguard-type lettuce with dark green leaves. It is well suited for warm to cool seasons and has a flat base without ribs.

FEATURES

Season:

Warm to cool

Resistance:

HR BI:16,19,21,23,32



RAIDER

Raider is highly adaptable and a reliable market standard lettuce variety. It has a large frame with good cover.

FEATURES

Season:

Warm

Resistance:

–



RAIDER PLUS

Warm season lettuce with large, heavy head. Raider Plus is a highly adaptable and reliable market standard lettuce. Similar to Raider, Raider Plus has a slightly larger frame with added Downy mildew resistance.

FEATURES

Season:

Warm

Resistance:

HR BI:16,21,23

CAPSICUM

CAPSICUM, CHILLI



SCAN ME

*View our range of Capsicum
and Chilli varieties*

“

Breeding for the open field sweet pepper segments is currently focused on delivering a robust plant and fruit with improved size, biotic and abiotic stress-tolerance and firmnes.

”

*NATALIE KAISER
BAYER US VEGETABLES R&D
SEMINIS SWEET PEPPER
BREEDER*

CAPSICUM BLOCKY



WARLOCK – X3R®

Warlock is the market leader for blocky capsicum production in Australia for good reason. It produces consistent heavy green-to-dark red fruit and has very thick walls. Warlock combines a medium robust plant with firm fruits, while achieving good fruit set throughout its growth life-cycle.

FEATURES

Earliness:

Mid

Colour:

Green to red

Fruit size:

10cm x 10cm

Resistance:

HR PVY:0/Tm:0/Xcv:0-3,7,8



HALIFAX – X10R®

Halifax is a game-changing capsicum that provides growers with peace of mind. Halifax offers a compelling disease package, including Intermediate Resistance to Bacterial leaf spot races 0-10 and Australia's very first Intermediate Resistance to Root knot nematode. Halifax offers high quality fruit with a strong plant structure.

FEATURES

Earliness:

Mid-late

Colour:

Green to red

Fruit size:

10cm x 9cm

Resistance:

HR Tm:0
IR Xcv:0-10/Ma/Mi/Mj



SV6947PB – X5R®

SV6947PB has a robust plant with good foliage cover that produces firm deep-green, glossy red fruit. It is suitable for summer and early autumn production in Central Queensland and early-season production in North Queensland. SV6947PB has High Resistance to Bacterial spot races 0-5, 7-9 and Intermediate Resistance to Tomato spotted wilt.

FEATURES

Earliness:

Early

Colour:

Green to deep glossy red

Fruit size:

10cm x 9cm

Resistance:

HR Tm:0/Xcv:0-5,7-9
IR TSWW

CAPSICUM BLOCKY



SV9699PB – X5R®

The Australian heat doesn't stop this variety from performing! SV9699PB has a plant structure that is highly adaptable to hot weather production, providing protection to the fruit from lodging and sunburn. This early maturing variety has the added benefit of having High Resistance to Bacterial leaf spot races 0–5, 7–9.

FEATURES

Earliness:

Early

Colour:

Green to red

Fruit size:

10cm x 10cm

Resistance:

HR Tm:0/Xcv:0–5,7–9



SHADOWFAX – X10R®

Shadowfax is the next generation of X10R, nematode resistance capsicum from Seminis. Featuring very uniform, blocky fruit this hybrid is suitable for red harvest in the main QLD season.

FEATURES

Earliness:

Mid

Colour:

Green to red

Fruit size:

10cm x 10cm

Resistance:

HR Tm:0
IR Xcv:0–10/Ma/Mi/Mj



MAXIMINUS – X5R®

Increase your income potential with the speediest capsicum on the market. Maximinus has been bred specifically for Australian growers who have productivity front-of-mind. Maximinus matures 10 to 21 days earlier than other varieties, demonstrating a speedy colour change from green to red. With a greater percentage of fruit able to be harvested in the first cycle, it provides a high recovery potential and gives growers the opportunity to reduce harvest costs.

FEATURES

Earliness:

Very early

Colour:

Green to red

Fruit size:

9cm x 9cm

Resistance:

HR Tm:0/Xcv:0–5,7–9

CAPSICUM BLOCKY



SV3964PB – X4R®

SV3964PB (with X4R®) is an ideal green-pick variety. It has a robust disease package including intermediate resistance to Cucumber Mosaic Virus, giving you peace of mind.

FEATURES

Earliness:

Early

Colour:

Green

Fruit size:

11cm x10cm

Resistance:

HR Tm:0/Xcv:0-4,7,9
IR CMV



SV3255PB – X10R®

SV3255PB demonstrates good fruit quality and can be used as a green-pick. SV3255PB also has Intermediate Resistance to Bacterial leaf spot races 0-10.

FEATURES

Earliness:

Mid

Colour:

Green to red

Fruit size:

10cm x 9cm

Resistance:

HR Tm:0
IR Xcv:0-10



PS9928302 – X5R®

PS9928302 (with X5R®) is an anthocyaninless pepper, producing dark green fruit with good size, shape, uniformity and colour. This variety combines large, robust plants with high resistance to Tobamovirus, race 0 and Bacterial leaf spot, races 0-5 and 7-9 and adaptability.

FEATURES

Earliness:

Mid

Colour:

Green harvest only

Fruit size:

9.5cm x 9.5cm

Resistance:

HR Tm:0/Xcv:0-5,7-9

This planting window is an estimate only. Defined planting window will be confirmed after completion of trial process.

CAPSICUM BLOCKY



PLATO – X3R®

Plato produces large, firm blocky fruit with high yield potential. Offering excellent coverage, Plato is the market leader in cool setting production areas.

FEATURES

Earliness:

Mid to late

Colour:

Green to red

Fruit size:

11cm x 10cm

Resistance:

HR PVY:0/Tm:0/Xcv:0-3,7,8
IR TSWV

CAPSICUM BLOCKY YELLOW



SVPB8193 – X10R®

SVPB8193 is a fast-maturing yellow capsicum suited for open-field production in Queensland. With a strong disease resistance package, it produces consistent fruit with high yield potential. This hybrid has the potential to be harvested in two passes.

FEATURES

Earliness:

Early

Colour:

Yellow

Fruit size:

9cm x 9cm

Resistance:

HR Tm:0-3
IR Xcv:0-10



SVPB8415 – X10R®

SVPB8415 is the most recent introduction in the open field yellow blocky capsicum space. SVPB8415 produces a firm, glossy, bright yellow fruit suitable for the fresh market. Fruit produced by 8415 is larger than Seminis' current yellow open field offering SV8193PB and matures only slightly later.

FEATURES

Earliness:

Mid

Colour:

Yellow

Fruit size:

10cm x 10cm

Resistance:

HR TM:0
IR Xcv: 0-10

CAPSICUM BLOCKY GREEN



HUGO

Hugo is slow-maturing, blocky green-to-red capsicum. It is highly suited for harvest in Bundaberg and will set under cooler spring conditions, while maintaining a consistent blocky shape. Because it has mid-slow maturity, Hugo can be picked green or red.

FEATURES

Earliness:
Mid-late

Colour:
Green to red

Fruit size:
10cm x 10cm

Resistance:
HR Tm:0-3

CAPSICUM HALF LONG



LAPILLO

Lapillo is a green to red half long capsicum that produces high quality, four lobed fruit. It has a consistent size of 19cm x 11cm and is best suited for cooler conditions.

FEATURES

Earliness:
Mid to late

Colour:
Green to red

Fruit size:
19cm x 11cm

Resistance:
HR Tm:0/Xcv:0-3,7,8
IR TSWV:0



SVS ARIES

SVS Aries is a medium-to-long, versatile variety, producing high yields of quality, uniform fruit.

FEATURES

Earliness:
Late

Colour:
Green to red

Fruit size:
14cm x 9cm

Resistance:
HR Tm:0

CAPSICUM MINI BLOCKY



SVPS0292 – X10R®

Mini/small blocky pepper (red) that presents unique marketing opportunities. Resistant to Xcv race 1–10. Suitable for 12 month production cycle (winter production in North Queensland, autumn and early spring in Central Queensland and summer production in Stanthorpe or Victoria). Uniform shaped fruit that changes colour quickly. Productive hybrid. Compared with the original colour this hybrid is more uniform, higher yield/plant, heavier/piece and more refined.

FEATURES

Earliness:

Early to mid

Colour:

Green to red

Fruit size:

7.5cm x 6cm

Resistance:

HR Tm:0

IR Xcv:0–10



SVPS5063 – X10R®

Mini/small blocky pepper (yellow) that presents unique marketing opportunities. Resistant to Xcv race 0–10. Suitable for 12 month production cycle (winter production in North Queensland, autumn and early spring in Central Queensland and summer production in Stanthorpe or Victoria). Uniform shaped fruit that changes colour quickly. Productive hybrid. Compared with the original colour this hybrid is more uniform, higher yield/plant, heavier/piece and more refined.

FEATURES

Earliness:

Early to mid

Colour:

Green to yellow

Fruit size:

7.5cm x 5.5cm

Resistance:

HR Tm:0

IR Xcv:0–10



SV3936PS – X3R®

Mini/small blocky pepper (orange) that presents unique marketing opportunities. High Resistance to Bacterial Leaf Spot, race 0–3, 7, 8 and Intermediate Resistance to Tomato Spotted Wilt Virus, strain 0. Suitable for 12 month production cycle (winter production in North Queensland, autumn and early spring in Central Queensland and summer production in Stanthorpe or Victoria). Uniform shaped fruit that changes colour quickly. Productive hybrid.

FEATURES

Earliness:

Early to mid

Colour:

Green to orange

Fruit size:

7.2cm x 6.3cm

Resistance:

HR Xcv: 0–3,7,8

IR TSWV:0

CAPSICUM MINI POINTED



ABSAORANGE

This mini pointed pepper has excellent taste and high brix, and has the benefit of having low placental tissue and seed. Absaorange is suitable for heated and unheated cultivation.

FEATURES

Earliness:

Early

Colour:

Orange

Fruit size:

40–60g

Resistance:

HR PVY:0,Tm:0



ABSA 98012Y

This sweet yellow pepper produces mini pointed fruits with few seeds that are 3–4cm in diameter and 6–8cm long. ABSA 98012Y is suitable for heated and unheated cultivation.

FEATURES

Earliness:

Early

Colour:

Yellow

Fruit size:

20–30g

Resistance:

HR PVY:0,Tm:0

CAPSICUM YELLOW BANANA



CUTLASS

Cutlass is a long, sweet yellow banana capsicum. Its smooth outer skin makes it attractive to the market place. Cutlass produces excellent yields throughout the growing season.

FEATURES

Earliness:
Mid to late

Colour:
Yellow to red

Fruit size:
23–25cm x 4–5cm

Resistance:
–

Suitable for main season production.



SV3782PP – X3R®

Yellow to red Sweet Banana type. SV3782PP or Sweet Sunset as its known produces two lobed pointed fruit on a medium large plant. Fruit maturity is anywhere from 65 to 75 days from transplant. Fruit average 20cm in length and 5cm wide.

FEATURES

Earliness:
Early

Colour:
Yellow to red

Fruit size:
20cm x 5cm

Resistance:
HR Xcv: 0–3,7,8

CAPSICUM BULL HORN



RIVATO

Rivato is a Dulce Italiano type that matures from lime green to glossy deep red. Offering growers high yield potential, Rivato is a generative variety with good shelf life.

FEATURES

Earliness:
Mid to late

Colour:
Green to red

Fruit size:
24–26cm x 5–6cm

Resistance:
HR Tm:0–2

CAPSICUM GROWING CALENDAR

Seeding Transplanting Harvesting

PRODUCT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
NORTH QUEENSLAND												
WARLOCK (X3R [®])			Seeding	Seeding	Seeding	Transplanting	Transplanting	Transplanting	Transplanting	Transplanting		
							Harvesting	Harvesting	Harvesting	Harvesting		
HALIFAX (X10R [®])			Seeding	Seeding	Seeding	Transplanting	Transplanting	Transplanting	Transplanting	Transplanting		
							Harvesting	Harvesting	Harvesting	Harvesting		
SV6947PB (X5R [®])	Seeding	Seeding	Seeding	Transplanting	Transplanting	Transplanting						
						Harvesting	Harvesting	Harvesting				
SV9699PB (X5R [®])			Seeding	Seeding	Seeding	Transplanting	Transplanting	Transplanting	Transplanting	Transplanting		
							Harvesting	Harvesting	Harvesting	Harvesting		
SHADOWFAX (X10R [®])			Seeding	Seeding	Seeding	Transplanting	Transplanting	Transplanting	Transplanting	Transplanting		
							Harvesting	Harvesting	Harvesting	Harvesting		
MAXIMINUS (X5R [®])	Seeding	Seeding	Seeding	Transplanting	Transplanting	Transplanting						
						Harvesting	Harvesting	Harvesting				
SV3964PB (X4R [®])			Seeding	Seeding	Seeding	Transplanting	Transplanting	Transplanting	Transplanting	Transplanting		
							Harvesting	Harvesting	Harvesting	Harvesting		
SVPB8193 (X10R [®])	Seeding	Seeding	Seeding	Transplanting	Transplanting	Transplanting						
						Harvesting	Harvesting	Harvesting				
SVPB8415 (X10R [®])			Seeding	Seeding	Seeding	Transplanting	Transplanting	Transplanting	Transplanting	Transplanting		
							Harvesting	Harvesting	Harvesting	Harvesting		
CENTRAL QUEENSLAND												
WARLOCK (X3R [®])		Seeding	Seeding	Seeding	Transplanting	Transplanting						
						Harvesting	Harvesting	Harvesting	Harvesting			
HALIFAX (X10R [®])		Seeding	Seeding	Seeding	Transplanting	Transplanting						
						Harvesting	Harvesting	Harvesting	Harvesting			
SV6947PB (X5R [®])	Seeding	Seeding	Seeding	Transplanting	Transplanting	Transplanting						Seeding
						Harvesting	Harvesting	Harvesting	Harvesting			
SV9699PB (X5R [®])		Seeding	Seeding	Seeding	Transplanting	Transplanting						
						Harvesting	Harvesting	Harvesting	Harvesting			
MAXIMINUS (X5R [®])	Seeding	Seeding	Seeding	Transplanting	Transplanting	Transplanting						Seeding
						Harvesting	Harvesting	Harvesting				

This planting window is an estimate only. Defined planting window will be confirmed after completion of trial process.

CAPSICUM GROWING CALENDAR

Seeding Transplanting Harvesting

PRODUCT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
VICTORIA												
SV6947PB (X5R®)												
PLATO (X3R®)												
NEW SOUTH WALES												
WARLOCK (X3R®)												
HALIFAX (X10R®)												
PLATO (X3R®)												
WESTERN AUSTRALIA												
CARNAVON												
WARLOCK (X3R®)												
HALIFAX (X10R®)												
SV6947PB (X5R®)												
PLATO (X3R®)												
PERTH												
WARLOCK (X3R®)												
HALIFAX (X10R®)												
SV6947PB (X5R®)												
PLATO (X3R®)												

*This planting window is an estimate only. Defined planting window will be confirmed after completion of trial process.

CHILLI



BLISTER

HUNGARIAN YELLOW WAX

Blister is a summer Hungarian yellow wax chilli. Blister is suitable for low tech indoor and outdoor production.



CHICHEN ITZA

HABANERO

Chichen Itza is a very hot, habanero-type chilli, Scoville 15,000–18,000. It has green-to-orange fruit, 85 days to maturity. Fruit size is 7cm x 3cm.



RIO DE ORO

SANTE FE

This Santa Fe type chilli has high yield potential and produces conical-shaped fruit. Fruit matures from white to orange then red, and can be harvested at any stage.



SUPER CHILLI

BIRDS-EYE

This birds-eye type variety is a green to red chilli. Super Chilli has smooth skin and thick walls. It is 4–5cm in length and is no more than 1cm wide.



SURYA

CAYENNE

Surya is a cayenne type that produces a green to very deep red fruit. It is high-yielding with smooth skin and thick walls. It is 14cm long and 1.8cm wide.



DON MATIAS

POBLANO

Thriving in warmer growing regions, Don Matias is an ancho pepper that possesses a vigorous plant and large fruit that makes it well-suited for the Fresh Market. Growers can expect high performance and yield potential from Don Matias.



SV7017HJ

JALAPENO

SV7017HJ is an X3R® Jalapeno pepper (fresh market) with a strong disease resistance package and potential for minimal cracking. It has a typical bullet shape with thick walls and a vigorous, upright plant habit.

ROOT & BULB

ONIONS



SCAN ME

View our range of Onion varieties

“

Seminis is committed to developing onions suited to Australian conditions. We have access to early-pipeline genetics which allows us to select the variety that will provide the disease resistance, yield and skin colour that growers are looking for.

”

*FRANCO ASORO
BAYER US VEGETABLES R&D
SEMINIS ONION BREEDER*

ONION BROWN



AYOBA



Ayoba is a hybrid onion with flat, globe-shaped bulbs and dark skin. It's suitable for mechanical harvest and has High Resistance to Fusarium basal rot.

KORIMAKO



Korimako has a consistent globe shape and an impressive golden brown colour. This hybrid has high yield potential and is ideal for growers who want an onion with a wide planting window.

CURRAWONG



Currawong is an early to extra early season hybrid with great adaptability. It is a globe shaped onion with good uniformity and bolting tolerance. It has Intermediate Resistance to Pink Root.

FEATURES

Season:
Extra early

Shape:
Flat globe

Growing region:
TAS, NZ

Resistance:
HR Foc

Storage:
Short

FEATURES

Season:
Early

Shape:
Globe

Growing region:
TAS, NZ

Resistance:
IR Pt

Storage:
Short

FEATURES

Season:
Extra early to early

Shape:
Globe

Growing region:
WA, SA, VIC, TAS, NSW, NZ

Resistance:
IR Foc/Pt

Storage:
Short

 Icon indicates onion variety has intermediate Fusarium basal rot (Foc) resistance.

 Icon indicates onion variety has Pink root (Pt) resistance.

ONION BROWN



SVNH3211

SVNH3211 is mid day storage onion with short day maturity, suited to southern Australia onion growing areas. Producing globe shaped bulbs of brown to dark brown colour with some ability to be stored.

FEATURES

Season:
Early

Shape:
Globe

Growing region:
SA, VIC, TAS, NSW, WA

Resistance:
Full disease resistance claim to be confirmed.

Storage:
Short

This planting window is an estimate only. Defined planting window will be confirmed after completion of trial process.

HARRIER



Harrier is an early brown onion with strong tops, excellent root vigour and highly uniform bulb size. This variety has very strong bolting tolerance allowing for a flexible planting window.

FEATURES

Season:
Early

Shape:
Globe

Growing region:
WA, SA, VIC, TAS, NSW, NZ

Resistance:
IR Foc/Pt

Storage:
Medium

RANGURU



This hybrid was developed with storage in mind. Ranguru's hardiness and long storage qualities means it holds up well to packing and transportation. The hybrid has high yield potential, and good quality attributes along with a dark brown skin colour and Intermediate Resistance to Pink root.

FEATURES

Season:
Main

Shape:
Globe

Growing region:
WA, SA, VIC, TAS, NSW

Resistance:
IR Pt

Storage:
Long

ONION BROWN



SVNH8265



This variety is a brown onion, suitable for the main sowing slot and demonstrates good firmness and storability.

SHRIKE



Shrike has an appealing brown colour and consistent globe shape. It is a vigorous main-to-late variety with high bolting tolerance. Shrike stores and packs well, making it ideal for growers who are looking to save money.

WAIKATO



Waikato is a mid-late season hard storage onion with tightly adhering golden brown scales. Waikato is adapted for export from southern hemisphere producers to Europe and Asia. Waikato can be stored up to 6 months and has a shorter growing time compared to other varieties in the same timeslot.

FEATURES

Season:
Main

Shape:
Globe

Growing region:
WA, SA, VIC, TAS, NSW

Resistance:
HR Pt
IR Foc

Storage:
Very long

FEATURES

Season:
Late

Shape:
Globe

Growing region:
WA, SA, VIC, TAS, NSW

Resistance:
IR Pt

Storage:
Very long

FEATURES

Season:
Late

Shape:
Globe

Growing region:
TAS, SA

Resistance:
IR Foc

Storage:
Very long

 Icon indicates onion variety has intermediate Fusarium basal rot (Foc) resistance.

 Icon indicates onion variety has Pink root (Pt) resistance.

ONION RED



EX 07714593



This late season, high yield potential red onion is on top of the popularity list. EX 07714593 has round bulbs and dark red skin with excellent internal colour. It has good storage ability and has High Resistance to Fusarium and Intermediate Resistance to Pink root.

SV7030NS



SV7030NS is a supermarket favourite thanks to its attractive red, shiny skin and globe shape. It is a red onion that grows uniformly and delivers on quality. This hybrid variety has good pack-out attributes and a high percentage of single centers.

FEATURES

Season:

Late

Skin colour:

Dark red

Shape:

Globe

Growing region:

WA, SA, VIC, TAS

Resistance:

HR Foc
IR Pt

Storage:

Medium

FEATURES

Season:

Early

Skin colour:

Red

Shape:

Flat/globe

Growing region:

All Australia, NZ

Resistance:

HR Pt
IR Foc

Storage:

Short

ONION WHITE



SIERRA BLANCA



Snowy white scales and attractive internal flesh make Sierra Blanca a popular onion. This variety provides main season maturity with globe shaped bulbs and is a good competitive option in the market due to its earliness and excellent plant vigor. Sierra Blanca is a firm onion well-suited for Fresh Market or short-term storage.

FEATURES

Season:
Main

Skin colour:
White

Shape:
Globe

Growing region:
VIC, SA, TAS, WA

Resistance:
HR Pt

Storage:
Short

SV4043NM



SV4043NM is an early maturing short day hybrid with excellent yield potential. It can be used for either bunching or bulb production.

FEATURES

Season:
Mid-early

Skin colour:
White


Shape:
Globe

Growing region:
All Australia (except TAS)

Resistance:
HR Foc/Pt

Storage:
-

 Icon indicates onion variety has intermediate Fusarium basal rot (Foc) resistance.

 Icon indicates onion variety has Pink root (Pt) resistance.

ONION GROWING CALENDAR

Sowing
 Harvesting

PRODUCT	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
SOUTH AUSTRALIA, WESTERN AUSTRALIA, NEW SOUTH WALES & VICTORIA												
CURRAWONG												
HARRIER												
RANGURU												
SVNH8265												
SHRIKE												
SV7030NS												
EX 07714593												
TASMANIA												
KORIMAKO												
CURRAWONG												
SVNH3211*												
HARRIER												
RANGURU												
SVNH8265												
SHRIKE												
WAIKATO												
SV7030NS												

**This planting window is an estimate only. Defined planting window will be confirmed after completion of trial process.*

TOMATO

TOMATO, ROOTSTOCK TOMATO



SCAN ME

*View our range of Tomato
and Rootstock varieties*

“

SV0215TH can be picked later due to the firmness of the redder fruit, giving us good longevity. With the longer shelf life we can pick with a bit more colour that adds to the taste of the tomatoes that consumers are looking for.

”

*CRAIG BRACKLEY
BOWEN QLD*

INDETERMINATE ROUND



SV0215TH

SV0215TH is an Aussie growers favourite! It stands proud thanks to its strong disease resistance package, excellent fruit firmness and powerful plant habit. SV0215TH produces 150–170g deep, oblate-shaped fruit that is strong against weather marking. Thanks to its good shelf-life and pleasant taste, SV0215TH pleases growers and marketers alike.

FEATURES

Maturity:

Medium

Vigour:

Very strong

Type:

Indeterminate Round/Gourmet

Shape:

Deep oblate

Weight:

150–170g

Season:

Late autumn/spring CQld, late autumn/mid-winter NQld

Resistances:

HR TSWV/Fol:0–2/Sbl/SI/Ss/Va:0/Vd:0
IR TYLCV

SWANSON

As an industry standard for TSWV production in Australia, Swanson has the ability to produce high yields in the cool, while setting well under hot conditions. This high-quality plant can produce deep oblate shaped fruits weighing between 160–210g. Fruits are firm, non-green shouldered that are non-sensitive to cracking. Suitable for protected cropping and open field.

FEATURES

Maturity:

Medium

Vigour:

Strong

Type:

Indeterminate Round/Gourmet

Shape:

Deep oblate

Weight:

160–210g

Season:

All year

Resistances:

HR ToMV:0–2/ToTV/TSWV/Fol:0,1/
Va:0/Vd:0
IR Ma/Mi/Mj

BABINDA

Babinda holds its fruit size to the top of the plant. It is the latest indeterminate gourmet tomato offering from Seminis. The new hybrid features an increase in average fruit weight over SV0215TH. Suitable for the early and main season in Bowen and Bundaberg, Babinda boasts high quality glossy red fruit, oblate in shape with good resistance to weather marking. Furthermore a robust disease package makes this variety highly suitable for open field production.

FEATURES

Maturity:

Medium

Vigour:

Medium

Type:

Indeterminate Round/Gourmet

Shape:

Medium oblate

Weight:

160–180g

Season:

Autumn and early winter CQld, Late Autumn and Winter NQld

Resistances:

HR ToMV/Aal/Fol:0–2/For/Sbl/Ss/Va:0/Vd:0
IR TSWV:0/TYLCV

INDETERMINATE ROUND



SV6112TH

SV6112TH is a versatile greenhouse or open field, large gourmet tomato. It has a medium to strong plant habit with regular internode distance and good leaf cover. SV6112TH is early and produces regular clusters resulting in high yield potential. Due to its broad disease resistance package, it can be used across different regions in Australia.

FEATURES

Maturity:

Early

Vigour:

Medium to strong

Type:

Indeterminate Round/Gourmet

Shape:

Round

Weight:

160–200g

Season:

Spring/Summer South QLD & Northern WA

Resistances:

HR ToMV:0–2/TSWV/Fol:0,1/Va:0/Vd:0
IR TYLCV/Ma/Mi/Mj



HUMMOCK

Hummock is the first of a new generation of Pinnacle-types that offer growers all the familiarities of the former favourite, with Intermediate Resistance to Tomato yellow leaf curl (TYLCV). As a marker-assisted back-cross, Hummock performs identically to Pinnacle agronomically meaning it can be managed and grown the same way. Hummock is suitable for the hot to cold slot in Central Queensland.

FEATURES

Maturity:

Very early

Vigour:

Strong

Type:

Indeterminate Round/Gourmet

Shape:

Deep oblate

Weight:

130–140g

Season:

Summer, Central QLD

Resistances:

HR ToMV:0–2/Aal/Fol:0–2/Sbl/SI/Ss/
Va:0/Vd:0
IR TYLCV



ATHERTON

Atherton is a Pinnacle-type, now with resistance to Tomato yellow leaf curl virus (TYLCV) and Tomato spotted wilt virus (TSWV). It offers good fruit quality, with a glossy red colour and small calyx scar. This variety is an indeterminate round tomato, suited to the hot to cold slot in North Queensland.

FEATURES

Maturity:

Very early

Vigour:

Strong

Type:

Indeterminate Round/Gourmet

Shape:

Deep oblate

Weight:

170g

Season:

Autumn, North QLD

Resistances:

HR ToMV:2/TSWV/TYLCV/Aal/Fol:0–2/
For/Sbl/SI/Ss/Va:0/Vd:0

INDETERMINATE ROUND



PINNACLE

Pinnacle – at the top of its field!
This variety is highly adaptable with excellent weather tolerance. It is a high-yielding variety that produces medium-to-large, uniform fruit with a brilliant red colour. Fruit is early maturing and of a consistently high quality.

FEATURES

Maturity:

Very early

Vigour:

Strong

Type:

Indeterminate Round/Gourmet

Shape:

Deep oblate

Weight:

130–140g

Season:

All year

Resistances:

HR ToMV:0–2/Aal/Fol:0–2/Sbl/SI/Ss/
Va:0/Vd:0

DETERMINATE ROUND



ENTICE

Be enticed with Entice. A gourmet tomato producing firm fruit, between 160–180g with good colour. Suitable for the summer season in Victoria, Entice is a compact, manageable and determinate plant that has high setting ability under hot conditions that does not require trellising.

FEATURES

Maturity:

Early

Vigour:

Strong

Type:

Determinate Round/Gourmet

Shape:

Deep oblate/red

Weight:

160–180g

Season:

Summer

Resistances:

HR ToMV:0–2/Fol:0,1/Va:0/Vd:0 IR
TYLCV

INDETERMINATE ROMA



RUBELLITE

Roma-type that is strong against disease with firm, attractive fruit. Rubellite has strong plant vigour and firm fruit which can be picked with more colour, making it highly desirable in the market. It has Intermediate Resistance to Tomato yellow leaf curl (TYLCV) and High Resistance to Tomato spotted wilt (TSWV) so you can spend less time and money on chemicals and focus on what you do best: growing a healthy, profitable crop.

FEATURES

Maturity:

Mid to late

Vigour:

Very strong

Type:

Indeterminate Roma

Shape:

Saladette/tapered egg

Weight:

140–150g

Season:

Winter and spring

Resistances:

HR ToMV:0–2/TSWV/Fol:0–2/Va:0/
Vd:0
IR TYLCV

TOMATO SNACKING



CHERELINO

Cherelino produces a high yield of good quality fruit, particularly in a protected unheated culture. The plant is vigorous and vegetative. Fruit are glossy, red, weigh 15–20g and are suitable for truss or single pick.

FEATURES

Maturity:

Early–mid

Vigour:

Strong

Type:

Indeterminate

Shape:

Cherry

Weight:

15–20gm

Season:

All year

Resistances:

HR ToMV:0–2/Pf:A–E/Fol:0,1/Va:0/Vd:0
IR Pst:0/Ma/Mi/Mj



MARASKINO

Maraskino produces a uniform deep red coloured fruit on a vigorous plant with medium-long internodes. Fruit can be harvested on the elegant and uniform truss or loose. Maraskino has excellent post harvest durability.

FEATURES

Maturity:

Early–mid

Vigour:

Very strong

Type:

Indeterminate

Shape:

Cocktail-plum

Weight:

35–40gm

Season:

All year

Resistances:

HR ToMV:0–2/Fol:0,1/For/Va:0/Vd:0
IR TSWV:0/TYLCV/Ma/Mi/Mj

TOMATO PROCESSING



SV8011TM

SV8011TM is a multi-use processing variety for the main season thick viscosity segment. It is a strong, adaptable plant with a large fruit size that will also offer processors excellent peelability.

FEATURES

Maturity:

Mid-late

Vigour:

Strong

Type:

Determinate processing

Shape:

Roma/egg

Weight:

80gm

Season:

Spring, Summer Victoria

Resistances:

HR Fol:0,1/Va:0/Vd:0
IR TSWV:0/Pst:0/Ma/Mi/Mj

TOMATO PROCESSING



SVTM9000

SVTM9000 is an early maturing processing tomato type with great multi-use potential for peel-dice and paste.

FEATURES

Maturity:

Early

Vigour:

Weak

Type:

Determinate processing

Shape:

Plum/square

Weight:

60–70gm

Season:

Spring, Summer Victoria

Resistances:

HR ToMV:0-2/Fol:0,1/Va:0/Vd:0
IR TSWV:0/Lt/Ma/Mi/Mj



SVTM9023

SVTM9023 is the most recent processing type tomato from Seminis. This hybrid has thick viscosity with exceptionally high yields and a robust disease package.

FEATURES

Maturity:

Medium

Vigour:

Strong

Type:

Determinate processing

Shape:

Plum/square

Weight:

80gm

Season:

Spring, Summer Victoria

Resistances:

HR Fol:0-2/Va:0/Vd:0
IR TSWV:0/Pst:0/Ma/Mi/Mj



SVTM9024

SVTM9024 is a full season, thick viscosity variety with firm, uniform fruit for multi-use potential and peel-dice potential, particularly in the late season.

FEATURES

Maturity:

Medium-late

Vigour:

Strong

Type:

Determinate processing

Shape:

Plum/square

Weight:

80gm

Season:

Spring, Summer Victoria

Resistances:

HR Fol:0-2/Va:0/Vd:0
IR TSWV:0/Pst:0/Ma/Mi/Mj

TOMATO PROCESSING

TOMATO ROOTSTOCK



SVTM9025

MULTIFORT

SHINCHEONGGANG

SVTM9025 is a full season, thick viscosity variety with firm, uniform fruit for multi-use potential and can be used as a late season peeler.

Multifort is a particularly strong rootstock for soil cultivation of tomatoes. Multifort offers high vigour in combination with a robust disease package including strong fusarium resistance.

Shincheonggang is a medium vigour rootstock for greenhouse and open field staked tomato production. The rootstock offers excellent resistance to fusarium race 3 and bacterial wilt.

FEATURES

Maturity:
Medium-late

Vigour:
Strong

Type:
Determinate processing

Shape:
Plum/square

Weight:
80gm

Season:
Spring, Summer Victoria

Resistances:
HR ToMV:0-2/Fol:0-2/For/Va:0/Vd:0
IR TSWV:0/Pst:0/Ma/Mi/Mj

FEATURES

Vigour:
Very strong

Type:
Rootstock

Season:
All year

Resistances:
HR ToMV:0-2/Fol:0-2/For/PI/Va:0/Vd:0
IR Ma/Mi/Mj

FEATURES

Vigour:
Medium

Type:
Rootstock

Season:
All year

Resistances:
HR ToMV:0-2/Rs/Fol:0-2/For/Va:0/Vd:0
IR Ma/Mi/Mj

TOMATO GROWING CALENDAR

■ Sowing
 ■ Transplanting
 ■ Harvesting

PRODUCT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
WESTERN AUSTRALIA – CARNARVON												
SV0215TH												
BABINDA												
HUMMOCK												
PINNACLE												
RUBELLITE												
WESTERN AUSTRALIA – PERTH												
SWANSON												
RUBELLITE												
NORTH QUEENSLAND												
SV0215TH												
BABINDA												
ATHERTON												
CENTRAL QUEENSLAND												
SV0215TH												
BABINDA												
ATHERTON												

TOMATO GROWING CALENDAR

■ Sowing
 ■ Transplanting
 ■ Harvesting

PRODUCT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
SOUTH EAST QUEENSLAND												
SWANSON												
BABINDA												
SV6112TH												
RUBELLITE												
VICTORIA												
SWANSON												
BABINDA												
ENTICE												
CHERELINO												
MARASKINO												
SV8011TM												
SVTM9000												

TOMATO GROWING CALENDAR

■ Sowing
 ■ Transplanting
 ■ Harvesting

PRODUCT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
VICTORIA (CONTINUED)												
SVTM9023												
SVTM9024												
SVTM9025												
MULTIFORT												

EGGPLANT



BLACK BELL

The classic Italian eggplant. Early and highly productive. Strong plants yield medium-large, glossy, deep purple-black fruits. Very adaptable to most soils with excellent disease resistance.

TECHNICAL INFORMATION

VARIETY SUMMARIES, RESISTANCES, SEED QUALITY,
QUALITY ASSURANCE, SEED COUNT AND PLANT
DENSITY DATA



“

I know that with Seminis,
I'm safe and secure.

They have always
showed their quality
and wide knowledge.

”

*SEMINIS
GROWER*

BROCCOLI

VARIETIES	MATURITY (WEEKS)	SEASON	HEAD SHAPE	BEAD SIZE
BC1691	11–13	Summer	High dome	Fine
	BC1691 has an attractive high-domed head positioned well in the plant for an early harvest.			
IRONMAN	10–12	Transition	Dome	Fine to medium
	A dark green, heavy and firm head, Ironman is versatile, high quality and works well in transition harvest periods.			
LEGACY	12–13	Cool	High dome	Fine to medium
	Legacy is a reliable, cool season-type. It is strong, uniform and has early vigour in the cold. Legacy has fine-beaded, dome-shaped heads with dark green colour and good stem thickness and yield.			
SIBSEY	7–9	All year	Mini broccoli head	Fine
	Stem broccoli with small heads, tender and very sweet stem. Dark green stem with fine beaded mini broccoli head. Very easy to harvest.			
SKYTREE	8–11	Autumn	Medium dome	Fine to medium
	Raised head broccoli. Unique type suitable for floretting/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. Suitable for Autumn harvest.			
STEEL	11–13	Autumn	High dome	Fine
	This dark green, high-domed variety is sure to make an impression in the supermarkets. It's popular amongst many growers because it's not only high yielding and rich in colour, it's also easy to harvest.			
WARTHOG	10–12	Transition/hot to cool	Medium dome	Fine to medium
	Semi erect plant type. Dark 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. Very uniform maturity offers growers 1–2 harvest passes.			
EIFFEL	10–13	Spring/Summer	Medium dome	Fine to medium
	Eiffel is a High-Rise™ type that's new to trial and a part of the High Rise™ portfolio. It is a grower friendly variety with improved uniformity and visible crowns.			
TITANIUM	10–11	Cool Transition	Dome	Fine
	Titanium is a High-Rise™ 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.			

CAULIFLOWER

VARIETIES	MATURITY (WEEKS)	SEASON	CURD COLOUR	PLANT VIGOUR
DISCOVERY	11–12	Warm to hot	White	Medium to strong
	Discovery has a tall and erect frame with good curd cover.			
FORTALEZA	10–11	Warm	White	Medium
	Fortaleza has good wrap for added protection, along with excellent adaptability making it well suited to warm conditions.			
SVAC6021	10–11	Hot	White	Medium to strong
	SVAC6021 features excellent curd wrap, allowing for better curd protection through the summer months.			
DONNER	13–14	Transition	White	Medium to strong
	Donner has a tall, erect frame providing excellent cover. Mid-maturity for transitional periods.			
SV5965AC	17–18	Winter	White	Strong
	SV5965AC matures 3 weeks faster than other varieties in its time slot and its large, dense curd and strong frame protect it from the elements.			
SV5982AC	18–19	Winter	White	Strong
	SV5982AC is a logical variety for planting immediately after SV5965AC. A true winter cauliflower, SV5982AC produces an erect plant with good curd protection and a superior white curd colour.			
GIEWONT	13–14	Main	White	Strong
	Giewont is a well-wrapped cauliflower that produces solid, dense florets with excellent colour!			
LAVAREDO	14–15	Autumn harvest	Brilliant White	Medium strong
	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. Quality curds and excellent weight makes this variety suitable for fresh and processing market.			
PREDAZZO	11–12	Summer in Southern regions, and Autumn and early winter in QLD	Brilliant White	Medium
	Medium vigorous erect plant. Excellent curd cover makes it suitable to be grown in summer. Curds are dense very compact, heavy and dome shape. Very good colour. Summer and early Autumn harvest.			
SUBASIO	15–17	Spring & Autumn	Brilliant White	Strong
	Vigorous plant with erect plant habit. Very good curd cover. Curd is high dome very white, firm with excellent weight. Dual purpose variety – fresh & processing. Suitable for Autumn & Spring harvest in Southern regions & winter harvest in QLD.			
CHEDDAR	12–13	Cool	Yellow	Medium
	Cheddar is a hybrid novelty cauliflower with an attractive orange curd. It's a medium sized plant that produces smooth, domed heads with medium weight and firmness in the curds.			
CURDIVEX VARIETIES				
TEEREX	10	Winter	Brilliant white	Strong
	Teerex has high heads with less curd cover, excellent shelf life, and a curd that stays brilliant white for longer.			
WHITEX	10–12	Summer & Autumn (Southern Region) Winter (QLD)	Brilliant white	Medium strong
	Whitex is part of our new Curdivex® range. Medium strong vigor with erect habit. Curd is medium dome with smooth appearance and brilliant white in colour. Excellent uniformity makes it suitable for quicker harvest. Very good field holding due to ability to stay whiter than commercial standards. Whitex is our premium fresh market cauliflower with outstanding presentation for consumer shelves.			

CUCURBITS

VARIETIES	MATURITY	VINE VIGOUR	FRUIT SIZE (KG)	FRUIT SHAPE	INTERNAL FRUIT COLOUR	RESISTANCE
CANTALOUPE						
DON DAVID	Mid to late	Strong	1.8–2.2	Round to slightly oval	Dark orange	HR Fom:0,1 IR Ag
	Don David is very sweet, with a brix of around 14°. It is easy to grow with good plant vigour and fruit coverage.					
ORANGELLY	Late	Medium	1.8–2.2	Slightly oval to oval	Dark orange	HR Fom:0,1,2 IR Ag
	Orangelly is a Long Shelf Life (LSL) cantaloupe suited to cooler productions windows.					
ITALIAN						
SV7881ML	Early	Strong	2	Round to slightly oval	Dark orange	HR Fom:0,1,2 IR Fom:1.2/Px:1,2,5
	SV7881ML is uniform in setting, shape and size. This variety is suited for warm production environments.					
HONEYDEW						
CLASSIQUE	Mid to late	Strong	1.6–2.0	Round	Green	HR Fom:0,2 IR Px:1
	Classique is a very firm, crisp, green-fleshed melon.					
FLAVOR JOURNEY	Mid to Late	Strong	1.9–2.2	Round to slightly oval	Green	IR Px:3.5,5/Ag
	Flavor Journey is a green-fleshed, long shelf life honeydew with a higher brix.					
GLACIER	Mid	Strong	1.8–2.2	Oval	Green	–
	Glacier produces oval, medium-to-large fruit with excellent external appearance.					
EL PASO	Mid	Medium	1.8–2.2	Round to oval	White	HR Fom:0,2
	El Paso produces large fruit with crisp white flesh.					
CHARENTAIS						
SV9790MC	Mid	Strong	1.6–2	Round to slightly oval	Dark orange/ blood red	HR Fom:0,1,2 IR Gc/Px:1,2,3,5
	SV9790MC is the largest charentais currently available from Seminis Australia. This hybrid is excellent internally with dark, orange-to-red flesh and a small, tight cavity. Its flesh is firm with very high brix (14°).					
WATERMELON						
JOY RIDE	Mid	Strong	7–10	Elongated	Red	IR Fon:1
	Joy Ride is a large-fruited, striped, elongated watermelon suitable for all production areas. Its flesh is red, firm and sweet with reduced cracking.					
SUMMER BREEZE	Mid	Strong	7–8	Round	Red	HR Co:1 IR Fon:1
	Summer Breeze has excellent eating quality and has demonstrated it can travel well over long distances. Improved production performance when grafted on RS841.					
SWEET TRICK	Early to mid	Strong	5–7	Round to oval	Deep red	HR Co:1 IR Fon:1
	This compact, juicy watermelon is small in size but big on appeal. With its dark green rind, smaller size, seedless red flesh and sweet taste, Sweet Trick appeals to the modern consumer's tastes and shopping habits.					
ZEPPLIN	Mid	Strong	8.5 +	Round	Deep red	IR Co:1/Fon:1
	Zepplin is a large, red-fleshed, seedless watermelon with a dark-green rind. Suitable for all production areas.					
SVWA8817	Mid to late	Strong	9–10	Elongated Oblong	Yellow	Full disease resistance claim to be confirmed
	SVWA8817 is a unique yellow flesh seedless watermelon. New to trial this variety has performed well in all growing regions with a vigorous vine and excellent fruit setting ability. Fruit is large 9–10kg and eating quality is excellent.					

CUCURBITS

VARIETIES	TYPE	SUITABLE SCION	RESISTANCE
POLLINATOR & ROOTSTOCKS			
WINGMAN	Watermelon pollinator	NA	IR Fon:1
	TBA		
RS841	Squash	Melon, Watermelon, Cucumber	HR Foc:1,2/Fom:0,1,1.2,2/Fon:1,2/For/Ps IR Rs/Vd/Ma/Mi/Mj
	TBA		
SVWY5387	Wild Watermelon	Watermelon	HR Fon: 1,2
	TBA		

CORN

VARIETIES	COB SIZE	COLOUR	RESISTANCE
ACCELERATION	20 x 4.5cm	Yellow	HR RpG5 IR MDMV/SCMV/Pst/Bm:0/Et:1
	Get ahead with Acceleration! Acceleration offers sweet corn growers a market-leading disease package with High Resistance to some races of Common Rust (RpG5). Acceleration has outstanding cob characteristics with excellent uniformity, tip fill and husk cover, not to mention it tastes fantastic.		
PASSION	21 x 5cm	Yellow	HR Rp1D IR Pst/Et
	Passion matures approximately 81 days after planting. It is a medium-large sized sweet corn.		
SV1446SD	20.5 x 5cm	Yellow	HR RpG59 IR MDMV/SCMV/Pst/Bm:0/Et:1
	Offering growers high yield potential and great corn uniformity. SV1446SD ticks a lot of boxes. The yellow hybrid has an easy to pull, attractive green husk with good tip fill and disease package.		
MESSENGER	21.5 x 5cm	Yellow	HR RpG59 IR MDMV/SCMV/Et
	Messenger is a high quality yellow corn suitable for both fresh and processing markets. Plant health is very good with good resistance to lodging. Uniform cobs with 18–20 kernel rows.		
SV1514SK	20 x 4.5 cm	Yellow	HR RpG5 IR MDMV/SCMV/Pst
	SV1514SK has consistently proven to have excellent tip fill and great kernel depth. It has a strong plant and root system and a good lodging tolerance. Plant is approx 180 cm with cobs set at 55 cm height. It has potential to produce 2 marketable cobs. Average row count is 18 with nice deep kernels. Tip fill is generally excellent.		
WILLINGER	20 x 4.5cm	Yellow	HR RpG IR MDMV
	Willinger is an early maturity hybrid with high yield potential. Is suitable for both fresh and processing markets. Cobs are very uniform with good tip fill. Average kernel row is 18. Average plant height 180cm and first cob sets at approximately 50cm		
EX08767143	21 x 4.5cm	Bi-colour	HR Rp1D+RpG IR Pst/Et
	A cylindrical cob with good husk cover and colour. EX08767143's cob is heavy and has a tidy row pattern with good kernel colour differentiation. The plant is strong and shows good resistance to lodging.		
INCEPTION	21 x 5cm	Bi-colour	IR Pst/Bm:0/Et :1
	Bi-colour sweet corn offering attractive green husk and good tip fill. Inception provides growers with good cob length and uniformity. Similar to Obsession and EX08767143 types, Inception is a slightly stronger plant with good kernel colour differentiation.		

BEANS

VARIETIES	PLANT HABIT	AVERAGE POD LENGTH (CM)	SIEVE SIZE	COLOUR	RESISTANCE
BRONCO	Upright	13.5	4	Green	HR BCMV
	Highly adaptable to a broad range of growing conditions, Bronco is a straight, medium green bean of good quality. It produces a medium to large bush, with pods set high in the plant.				
EXCALIBUR	Upright	13	3	Dark green	HR BCMV/Ci:55 IR Psp:2
	Suitable for the fresh market, Excalibur is dark green in colour and produces 13cm long, high quality pods.				
PHAROAH	Upright	14	3-4	Dark green	Full disease resistance claim to be confirmed
	Pharoah is suited for machine and hand harvest. Suitable to a number of production areas in Australia. Pods are dark green in colour, average 14cm long with superior quality and uniformity.				
SV1286GW	Upright	11.5	2	Dark green	HR BCMV/Ci:55/Psp:2
	This variety matures uniformly and has an erect plant habit that holds the bean clear of the ground enabling high achievable pick rates. SV1286GW produces a medium, 2 sieve, straight bean with a uniform pod.				
SVGG1312	Upright	13	3-4	Dark green	HR BCMV/Ci:55/Psp:2 IR Ua:90
	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. Improved field holding ability through slow seed development.				
VALENTINO	Upright	14	3	Dark green	HR BCMV IR Ua:38,90
	Valentino is a compact plant with excellent heat tolerance.				
GOLD MINE	Upright	14	4-5	Yellow	HR BCMV IR Psp:2
	Gold Mine has long, beautiful pods with excellent yield potential and consistent quality.				
SV1003GF	Upright	12-14	4-5	Yellow	HR BCMV IR Pss
	Heavy-yielding wax bean suitable for machine harvest.				

SPINACH

VARIETIES	VIGOUR SCALE: 1 = LOW 10 = HIGH	LEAF SHAPE	SMOOTHNESS	LEAF COLOUR	RESISTANCE	USAGE
MAGNETIC	3	Oval to slightly pointed	Smooth to semi-savoy	Mid-light green	HR Pe:1–15,17	Baby leaf
	Magnetic is a spinach variety adaptable to summer sowing.					
SV2146VB	3	Oval	Semi-savoy	Dark green	HR Pe:1–13,15,16,18	Baby leaf
	SV2146VB has round, semi-savoy, dark green leaves with a broad planting window and heat tolerance.					
SV2157VB	3	Oval	Semi-savoy	Dark green	HR Pe:1–13,15,16,18	Baby leaf
	SV2157VB has an excellent amount of thickness with uniformity in leaf size and field-holding ability.					
KONA	3	Round to oval	Savoy to semi-savoy	Medium dark green	HR Pe: 1–15,17	Baby leaf
	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.					
SV3580VC	6	Oriental	Smooth	Dark green	HR Pe:1–13,15,16,18	Baby leaf and bunching
	SV3580VC is a reliable and versatile, dark green smooth leaf spinach with an upright plant habit.					
PALAO	7	Round to oval	Semi-savoy	Dark green	HR Pe:1–10,15 IR Cd/Cv	Fresh baby leaf
	Palao 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.					
JAVA	7	Oval to slightly pointed	Smooth to semi-savoy	Mid-light green	HR Pe:1–15,17	Baby leaf
	Java is a spinach variety adaptable to mid-autumn, winter and early spring sowing.					
SVVB3719	7	Oval	Smooth	Medium green	HR Pe:1–11,13,15	Baby leaf
	SVVB3719 is a smooth, mid-light green, early spinach. This variety is well adapted to winter in Queensland and the shoulder season in southern parts of Australia.					
RANGITOTO	7	Round to oval	Semi-savoy	Medium dark green	HR Pe:1–16,19	Baby leaf
	With a round to oval shape, Rangitoto has thick dark green and shiny leaves, adding extra volume in pre-pack, Savoy to semi-savoy texture. Erect habit and great uniformity makes this variety easy to harvest.					
SV1846VC	8	Oval to slightly pointed	Smooth	Dark green	HR Pe:1–14,19	Baby leaf and bunching
	SV1846VC is a thick, dark green spinach with increased potential.					
RS 06683549	8	Oriental	Smooth	Dark green	HR Pe:1–11,13,15,16,18	Baby leaf and bunching
	RS 06683549 is a fast maturing, easy harvest winter variety.					
RS 06661470	8	Round	Semi-savoy	Dark green	HR Pe:1–10,15 IR Cd/Cv/Sb	Baby leaf
	RS 06661470's leaves are dark green, round-shaped and semi-savoy.					

SPINACH

VARIETIES	VIGOUR SCALE: 1 = LOW 10 = HIGH	LEAF SHAPE	SMOOTHNESS	LEAF COLOUR	RESISTANCE	USAGE
MOTUTAPU	8	Oval to slightly pointy	Smooth to slightly savoy	Medium dark green	HR Pe:1–16,19	Baby leaf
	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. Suitable for cold transition harvest time slot (late Autumn & Early Winter/Late Winter and Early Spring harvest).					
UPOLU	8	Oval to pointy	Smooth	Medium green	HR Pe:1–16,19	Baby leaf
	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.					
NIGHTHAWK	10	Oval to slightly pointed	Semi-savoy	Medium green	HR Pe:1–7, 9,11,13,15,16,18	Baby leaf
	Nighthawk is a semi-savoy dark green spinach variety with an upright habit. It has excellent yield potential and is well suited for winter.					

LETTUCE

VARIETIES	SEASON	RESISTANCE
CARTAGANOVA	Warm to cool	HR BI:16,19,21,23,32
	Cartagonova is a large vanguard-type lettuce with dark green leaves. It is well suited for warm to cool seasons and has a flat base without ribs.	
RAIDER	Warm	–
	Raider is highly adaptable and a reliable market standard lettuce variety. It has a large frame with good cover.	
RAIDER PLUS	Warm	HR BI:16,21,23
	Raider Plus has a slightly larger frame with added Downy mildew resistance.	

CAPSICUM

VARIETIES	EARLINESS	VIGOUR	COLOUR	FRUIT SIZE (CM)		RESISTANCE
				LENGTH	WIDTH	
CAPSICUM – BLOCKY						
WARLOCK (X3R®)	Mid	Strong	Green to red	10	10	HR PVY:0/Tm:0/Xcv:0-3,7,8
Warlock is a heavy green-to-dark red fruit with extremely thick walls.						
HALIFAX (X10R®)	Mid to late	Strong	Green to red	10	9	HR Tm:0 IR Xcv:0-10/Ma/Mi/Mj
Halifax offers a compelling disease package, including Intermediate Resistance to Bacterial leaf spot races 0-10 and Australia's very first Intermediate Resistance to Root knot						
SV6947PB (X5R®)	Early	Strong	Green to deep glossy red	10	9	HR Tm:0/Xcv:0-5,7-9 IR TSWV
SV6947PB is a medium robust plant with good foliage cover that produces firm deep-green, glossy red fruit.						
SV9699PB (X5R®)	Early	Strong	Green to red	10	10	HR Tm:0/Xcv:0-5,7-9
This variety has a plant structure that is highly adaptable to hot weather production, providing protection to the fruit from lodging and sunburn.						
SHADOWFAX (X10R®)	Mid	Strong	Green to red	10	10	HR Tm:0 IR Xcv:0-10/Ma/Mi/Mj
Shadowfax is the next generation of X10R®, nematode resistance capsicum from Seminis. Featuring very uniform, blocky fruit this hybrid is suitable for red harvest in the main QLD season.						
MAXIMINUS (X5R®)	Very early	Strong to very strong	Green to red	9	9	HR Tm:0/Xcv:0-5,7-9
Bred specifically for Australian growers, Maximinus matures 10 to 21 days earlier than other varieties.						
SV3964PB (X4R®)	Early	Strong	Green	11	10	HR Tm:0/Xcv:0-4,7,9 IR CMV
SV3964PB (with X4R®) gives growers peace of mind with a robust disease package, including Intermediate Resistance to Cucumber mosaic virus.						
SV3255PB (X10R®)	Mid	Strong	Green to red	10	9	HR Tm:0 IR Xcv:0-10
SV3225PB is currently undergoing trial and showing promising results in terms of fruit quality.						
PS9928302 (X5R®)	Mid	Strong	Green only	9.5	9.5	HR Tm:0/Xcv:0-5,7-9
PS9928302 (with X5R®) is an anthocyaninless pepper, producing dark green fruit with good size, shape, uniformity and colour. This variety combines large, robust plants with high resistance to Tobamovirus, race 0 and Bacterial leaf spot, races 0-5 and 7-9 and adaptability.						
PLATO (X3R®)	Mid to late	Strong	Green to red	11	10	HR PVY:0/Tm:0/Xcv:0-3,7,8 IR TSWV
Plato is a large, firm blocky fruit that produces high yield. Plato is the market leader in cool setting production areas.						
HUGO	Mid to late	Strong to very strong	Green to red	10	10	HR Tm:0-3
Hugo is a blocky green-to-red capsicum that is mid maturing. It is highly suitable for spring harvest in Bundaberg.						
CAPSICUM – BLOCKY YELLOW						
SVPB8193 (X10R®)	Early	Strong	Yellow	9	9	HR Tm:0-3 IR Xcv:0-10
SVPB8193 is a fast-maturing yellow capsicum suited for open-field production in Queensland.						
SVPB8415 (X10R®)	Mid	Strong	Yellow	10	10	HR TM:0 IR Xcv: 0-10
SVPB8415 is the most recent introduction in the open field yellow locky capsicum space. SVPB8415 produces a firm, glossy, bright yellow fruit suitable for the fresh market. Fruit produced by 8415 is larger than Seminis' current yellow open field offering SV8193PB and matures only slightly later.						

CAPSICUM

VARIETIES	EARLINESS	VIGOUR	COLOUR	FRUIT SIZE (CM)		RESISTANCE
				LENGTH	WIDTH	
CAPSICUM – HALF LONG						
LAPILLO	Mid to late	Strong	Green to red	19	11	To be confirmed
	Lapillo produces high quality, four-lobed capsicum. It is a green-to-red capsicum that is best suited for cooler conditions.					
SVS ARIES	Late	Medium	Green to red	14	9	HR Tm:0
	SVS Aries is a medium-long versatile variety, producing high yields of quality, uniform fruit.					
CAPSICUM – MINI BLOCKY						
SVPS0292 (X10R®)	Mid	Medium to strong	Green to red	7.5	6	HR Tm:0 IR Xcv:0-10
	Mini/small blocky pepper (red) that presents unique marketing opportunities. Resistant to Xcv race 1-10. Suitable for 12 month production cycle (winter production in North Queensland, autumn and early spring in Central Queensland and summer production in Stanthorpe or Victoria). Uniform shaped fruit that changes colour quickly. Productive hybrid. Compared with the original colour this hybrid is more uniform, higher yield/plant, heavier/piece and more refined.					
SVPS5063 (X10R®)	Early to mid	Medium to strong	Green to yellow	7.5	5.5	HR Tm:0 IR Xcv:0-10
	Mini/small blocky pepper (yellow) that presents unique marketing opportunities. Resistant to Xcv race 0-10. Suitable for 12 month production cycle (winter production in North Queensland, autumn and early spring in Central Queensland and summer production in Stanthorpe or Victoria). Uniform shaped fruit that changes colour quickly. Productive hybrid. Compared with the original colour this hybrid is more uniform, higher yield/plant, heavier/piece and more refined.					
SV3936PS (X3R®)	Early to mid	Medium to strong	Green to orange	7.2	6.3	HR Xcv: 0-3,7,8 IR TSWV:0
	Mini/small blocky pepper (orange) that presents unique marketing opportunities. High Resistance to Bacterial Leaf Spot, race 0-3, 7, 8 and Intermediate Resistance to Tomato Spotted Wilt Virus, strain 0. Suitable for 12 month production cycle (winter production in North Queensland, autumn and early spring in Central Queensland and summer production in Stanthorpe or Victoria). Uniform shaped fruit that changes colour quickly. Productive hybrid.					
CAPSICUM – MINI POINTED						
ABSAORANGE	Early	Medium	Orange	40-60g	3	HR PVY:0,Tm:0
	This mini pointed pepper has excellent taste and high brix. Remarkable for this race is that the fruits have very few seeds. Absaorange is suitable for heated and unheated cultivation.					
ABSA 98012Y	Early	Medium	Yellow	20-30g	3	HR PVY:0,Tm:0
	This sweet yellow pepper produces mini pointed fruits with few seeds that are 3-4cm in diameter and 6-8cm long. ABSA 98012Y is suitable for heated and unheated cultivation.					
CAPSICUM – YELLOW BANANA						
CUTLASS	Mid to late	Medium	Yellow to red	23-25	4-5	-
	Cutlass is a long, sweet yellow banana capsicum. Its smooth outer skin makes it attractive to the market place. Cutlass produces excellent yields throughout the growing season.					
SV3782PP	Early	Medium	Yellow to red	20	5	HR Xcv: 0-3,7,8
	Yellow to red Sweet Banana type. SV3782PP or Sweet Sunset as its known produces two lobed pointed fruit on a medium large plant. Fruit maturity is anywhere from 65 to 75 days from transplant. Fruit average 20cm in length and 5cm wide.					
CAPSICUM – BULL HORN						
RIVATO	Mid to late	Medium	Green to red	24-26	5-6	HR Tm:0-2
	Rivato is a Dolce Italiano type that matures from lime green to glossy deep red. Offering growers high yield potential, Rivato is a generative variety with good shelf life.					

ONIONS

VARIETIES	COLOUR	SEASON	SHAPE	STORAGE	GROWING REGION
ONION BROWN					
AYOBA	Brown	Extra early	Flat globe	Short	TAS, NZ
	This hybrid has flat, globe-shaped bulbs and dark skin. It's suitable for mechanical harvest and has Intermediate Resistance to Fusarium basal rot.				
KORIMAKO	Brown	Early	Globe	Medium	TAS, NZ
	Korimako has a consistent globe shape with an impressive golden brown colour. This hybrid has high yield potential and is ideal for growers who want an onion with a wide planting window.				
CURRAWONG	Brown	Early	Globe	Short	WA, SA, VIC, TAS, NSW, NZ
	Currawong is an early season hybrid with great adaptability. It is a globe shaped onion with excellent uniformity, bolt tolerance and long storage. It has Intermediate Resistance to Pink root and Fusarium basal rot.				
SVNH3211	Brown	Early	Globe	Short	SA, VIC, TAS, NSW, WA
	SVNH3211 is mid day storage onion with short day maturity. Suited to southern Australia onion growing areas. Producing globe shaped bulbs of brown to dark brown colour with some ability to be stored.				
HARRIER	Cream gold	Early	Globe	Medium	WA, SA, VIC, TAS, NSW, NZ
	Harrier is an early brown onion with strong tops, excellent root vigour and a highly uniform bulb size. Early results have shown a wide planting window. Bulbs have great firmness and storage for an early maturing variety.				
RANGURU	Brown	Main	Globe	Long	WA, SA, VIC, TAS, NSW
	Ranguru is an attractive, dark, thin globe-shaped bulb. It's suitable for export and is an ideal replacement for Brownkeep.				
SVNH8265	Cream gold	Main	Globe	Very long	WA, SA, VIC, TAS, NSW
	This variety is a brown onion, suitable for the main sowing slot and demonstrates good firmness and storability.				
SHRIKE	Brown	Late	Globe	Very long	WA, SA, VIC, TAS, NSW
	Shrike has an appealing brown colour and consistent globe shape. It is a vigorous main-to-late variety with high bolting tolerance.				
WAIKATO	Brown	Late	Globe	Very long	TAS, SA
	Waikato is a mid-late season hard storage onion with tightly adhering golden brown scales. Waikato is adapted for export from southern hemisphere producers to Europe and Asia. Waikato can be stored up to 6 months and has a shorter growing time compared to other varieties in the same timeslot.				
ONION RED					
EX 07714593	Dark red	Late	Globe	Medium	WA, SA, VIC, TAS, NSW
	EX 07714593 has round bulbs and dark red skin with excellent internal colour.				
SV7030NS	Red	Early	Flat/Globe	Very short	All AU, NZ
	SV7030NS is a high yielding onion that grows uniformly and delivers on quality. This hybrid has good pack-out attributes and a high percentage of single centers.				

ONIONS

VARIETIES	COLOUR	SEASON	SHAPE	STORAGE	GROWING REGION
ONION WHITE					
SIERRA BLANCA	White	Main	Globe	Short	VIC, SA, TAS, WA
	Snowy white scales and attractive internal flesh make Sierra Blanca a popular onion. This variety provides main season maturity with globe shaped bulbs and is a good competitive option in the market due to its earliness and excellent plant vigor. Sierra Blanca is a firm onion well-suited for Fresh Market or short-term storage.				
SV4043NM	White	Mid-early	Globe shape	–	All Australia (except Tas)
	SV4043NM is an early maturing short day hybrid with excellent yield potential.				

TOMATO

VARIETIES	SEASON	MATURITY	PLANT VIGOUR	AVERAGE FRUIT WEIGHT (G)	FRUIT SHAPE	FIRMNESS	RESISTANCE
INDETERMINATE ROUND							
SV0215TH	Late autumn/ spring CQld, late autumn/ mid-winter NQld	Medium	Very strong	150–170	Deep oblate	Firm	HR TSWV/Fol:0–2/Sb/Sl/Ss/ Va:0/Vd:0 IR TYLCV
	SV0215TH stands proud thanks to its strong disease resistance package, excellent fruit firmness and powerful plant habit.						
SWANSON	All year	Medium	Strong	160–210	Deep oblate	Firm	HR ToMV:02/ToTV/TSWV/Fol:0,1/ Va:0/Vd:0 IR Ma/Mi/Mj
	Swanson has the ability to produce high yields in the cool, while setting well under hot conditions. This high-quality plant can weigh anywhere from 160– 210g and are deep oblate in shape.						
BABINDA	Autumn and early winter CQld, Late Autumn and Winter NQld	Medium	Medium	160–180	Medium oblate	Firm	HR ToMV/Aal/Fol:0–2/For/Sb/Sl/Ss/ Va:0/Vd:0 IR TSWV:0/TYLCV
	Babinda holds its fruit size to the top of the plant. The new hybrid features an increase in average fruit weight over SV0215TH. Suitable for the early and main season in Bowen and Bundaberg, Babinda boasts high quality glossy red fruit, oblate in shape with good resistance to weather marking. Furthermore a robust disease package.						
SV6112TH	Spring/Summer Southern QLD and Northern WA	Early	Medium to strong	160–200	Round -high round	Firm	HR ToMV:0–2/TSWV/Fol:0,1/ Va:0/Vd:0 IR TYLCV/Ma/Mi/Mj
	SV6112TH is a large gourmet tomato for open-field staked crops and greenhouse crops. It has a medium-strong plant habit with regular internode distance and good leaf cover.						
HUMMOCK	Summer, Central Queensland	Very early	Strong	130–140	Deep oblate	Firm	HR ToMV:0–2/Aal/Fol:0–2/Sb/Sl/ Ss/Va:0/Vd:0 IR TYLCV
	Hummock has the ability to be grown in TYLCV endemic areas and is genetically identical to Pinnacle.						
ATHERTON	Autumn, North Queensland	Very early	Strong	170	Deep oblate	Firm	HR ToMV:2/TSWV/TYLCV/Aal/ Fol:0–2/For/Sb/Sl/Ss/Va:0/Vd:0
	Atherton is a Pinnacle-type, now with resistance to Tomato yellow leaf curl virus (TYLCV) and Tomato spotted wilt virus (TSWV).						
PINNACLE	All year	Very early	Strong	130–140	Deep oblate	Very firm	HR ToMV:0–2/Aal/Fol:0–2/Sb/ Sl/Ss/ Va:0/Vd:0
	Pinnacle is highly adaptable with excellent weather tolerance. It is a high-yielding variety that produces medium-to-large, uniform fruit with a brilliant red colour.						
DETERMINATE ROUND							
ENTICE	Summer	Early	Strong	160–180	Deep oblate	Firm	HR ToMV:0–2/Fol:0,1/Va:0/Vd:0 IR TYLCV
	A gourmet tomato producing firm fruit, between 160–180g with good colour. Entice is a compact, manageable, determinate plant with high setting ability under hot conditions that does not require trellising.						
INDETERMINATE ROMA							
RUBELLITE (ROMA)	Winter & Spring	Mid to late	Very strong	140–150	Saladette/ tapered egg	Very firm	HR ToMV:0–2/TSWV/Fol:0–2/ Va:0/Vd:0 IR TYLCV
	Rubellite has strong plant vigour and firm fruit which can be picked with more colour, making it highly desirable in the market.						

TOMATO

VARIETIES	SEASON	MATURITY	PLANT VIGOUR	AVERAGE FRUIT WEIGHT (G)	FRUIT SHAPE	FIRMNESS	RESISTANCE
TOMATO SNACKING							
CHERELINO	All year	Early-mid	Strong	15-20	Cherry	Firm	HR ToMV:0-2/Pf:A-E/Fol:0,1/ Va:0/Vd:0 IR Pst:0/Ma/Mi/Mj
	Cherelino produces a high yield of good quality fruit. The plant is vigorous and vegetative. Fruit are glossy, red, weigh 15-20g and are suitable for truss or single pick.						
MARASKINO	All year	Early-mid	Very strong	35-40	Cocktail-plum	Firm	HR ToMV:0-2/Fol:0,1/For/Va:0/ Vd:0 IR TSWV:0/TYLCV/Ma/Mi/Mj
	Maraskino produces a uniform deep red coloured fruit on a vigorous plant with medium-long internodes. Fruit can be harvested on the elegant and uniform truss or loose. Maraskino has excellent post harvest durability.						
TOMATO PROCESSING							
SV8011TM	Spring, Summer Victoria	Mid-late	Strong	80	Roma/egg	Firm	HR Fol:0,1/Va:0/Vd:0 IR TSWV:0/Pst:0/Ma/Mi/Mj
	SV8011TM is a multi-use processing variety for the main season thick viscosity segment. It is a strong, adaptable plant with a large fruit size that will also offer processors excellent peelability.						
SVTM9000	Spring, Summer Victoria	Early	Weak	60-70	Plum/square	Firm	HR ToMV:0-2/Fol:0,1/Va:0/Vd:0 IR TSWV:0/Lt/Ma/Mi/Mj
	SVTM9000 is an early maturing processing tomato type with great multi-use potential for peel-dice and paste.						
SVTM9023	Spring, Summer Victoria	Medium	Strong	80	Plum/square	Firm	HR Fol:0-2/Va:0/Vd:0 IR TSWV:0/Pst:0/Ma/Mi/Mj
	SVTM9023 is the most recent processing type tomato from Seminis. This hybrid has thick viscosity with exceptionally high yields and a robust disease package.						
SVTM9024	Spring, Summer Victoria	Medium-late	Strong	80	Plum/square	Firm	HR Fol:0-2/Va:0/Vd:0 IR TSWV:0/Pst:0/Ma/Mi/Mj
	SVTM9024 is a full season, thick viscosity variety with firm, uniform fruit for multi-use potential and peel-dice potential, particularly in the late season.						
SVTM9025	Spring, Summer Victoria	Medium-late	Strong	80	Plum/square	Firm	HR ToMV:0-2/Fol:0-2/For/Va:0/ Vd:0 IR TSWV:0/Pst:0/Ma/Mi/Mj
	SVTM9025 is a full season, thick viscosity variety with firm, uniform fruit for multi-use potential and can be used as a late season peeler.						

VARIETIES	RESISTANCE	HEATED	UNHEATED
TOMATO – ROOTSTOCK			
MULTIFORT	HR ToMV:0-2/Fol:0-2/For/PI/Va:0/Vd:0 IR Ma/Mi/Mj		✓
	Multifort is an extremely strong rootstock for the soil-based cultivation of tomatoes. It is a very unique rootstock because it combines extremely vigorous growth with resistance against Fusarium 3.		
SHINCHEONGGANG	HR ToMV:0-2/Rs/Fol:0-2/For/Va:0/Vd:0 IR Ma/Mi/Mj		✓
	The tomato rootstock for open field staked crops and greenhouse crops that combines a complete disease resistance package with medium vigour.		

RESISTANCE CODES

Codes indicate available resistance in the Vegetable Seeds variety catalogue. Bayer has exercised reasonable care and skill in compiling this catalogue. The varieties with disease resistance claims have been tested for specified disease resistance. All resistances quoted refer only to races or pathotypes of the variety. It is important to recognise that the response of resistant plants to pests or pathogens can vary according to host age and depend on environmental factors. New and/or atypical pest or pathogen biotypes, races, or strains may overcome resistance, sometimes completely.

The descriptions, advice, resistance claims and egetation cycles that are presented in this pricelist are intended for general guidance only. The user should apply it in accordance with knowledge and experience of local conditions.

Bayer follows International Seed Federation (ISF) recommendations concerning Resistance Codes. Bayer cannot accept any liability in connection with this product guide and does not guarantee any result or performance.

DISEASE RESISTANCE TERMINOLOGY

Resistance: is the ability of a plant variety to restrict the growth and development of a specified pest or pathogen and/or the damage they cause when compared to susceptible plant varieties under similar environmental conditions and pest or pathogen pressure. Resistant varieties may exhibit some disease symptoms or damage under heavy pest or pathogen pressure. Two levels of resistance are defined.

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.

Tolerance: is the ability of a plant variety to endure abiotic stress without serious consequences for growth, appearance and yield. Bayer makes NO claims of tolerance to diseases or disorders caused by pests.

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

CUCURBITS

CODE	SCIENTIFIC NAME	ENGLISH NAME
CUCUMBER		
BPYV		Beet pseudo yellowing virus
Cca	<i>Corynespora cassicola</i>	Target spot
Ccu	<i>Cladosporium cucumerinum</i>	Scab
CGMMV		Cucumber green mottle mosaic
CMV		Cucumber mosaic
Co	<i>Colletotrichum orbiculare</i>	Anthrachnose
CVYV		Cucumber vein yellowing
CYSDV		Cucurbit yellow stunting disorder
Db	<i>Didymella bryoniae</i>	Gummy stem blight
Et	<i>Erwinia tracheiphila</i>	Bacterial wilt
For	<i>Fusarium oxysporum f. sp. radicis-cucumerinum</i>	Fusarium crown and root rot
Foc	<i>Fusarium oxysporum f. sp. cucumerinum</i>	Fusarium wilt
Fsc	<i>Fusarium solani f.sp. cucurbitae</i>	Crown and root rot
Gc	<i>Golovinomyces cichoracearum</i>	Powdery mildew
-	<i>Phomopsis sclerotoides</i>	Phomopsis root rot (black root rot)
Pcu	<i>Pseudoperonospora cubensis</i>	Downy mildew
Pls	<i>Pseudomonas syringae pv. lachrymans</i>	Angular leaf spot
PRSV		Papaya ringspot
Px (Sf)	<i>Podosphaera xanthii</i>	Powdery mildew
WMV		Watermelon mosaic
ZYMV		Zucchini yellow mosaic
MELON		
Ag	<i>Aphis gossypii (Cotton aphid)</i>	Aphids
Fom	<i>Fusarium oxysprum f.sp. Melonis</i>	Fusarium wilt
Gc (PMe)	<i>Golovinomyces cichoracearum (was Erysiphe cichoracearum)</i>	Powdery mildew
MNSV		Melon necrotic spot virus
Px (PM)	<i>Podosphaera xanthii (was Sphaerotheca fulginea)</i>	Powdery mildew
CYSDV		Cucurbit yellow stunting disorder virus
WATERMELON		
Co	<i>Colletotrichum orbiculare</i>	Anthrachnose
Fon	<i>Fusarium oxysporum f. sp. niveum</i>	Fusarium wilt

CUCURBITS

CODE	SCIENTIFIC NAME	ENGLISH NAME
SQUASH		
Foc	<i>Fusarium oxysporum f. sp. cucumerinum</i>	Fusarium wilt
Fom	<i>Fusarium oxysporum f. sp. melonis</i>	Fusarium wilt
Fon	<i>Fusarium oxysporum f. sp. niveum</i> Fusarium Wilt	Fusarium wilt
For	<i>Fusarium oxysporum f. sp. radicis-cucumerinum</i>	Fusarium wilt
Ma/Mi/Mj	<i>Meloidogyne arenaria, incognita, javanica</i>	Root knot nematode
Ps	<i>Phomopsis sclerotioides</i>	Phomopsis black root rot
Rs	<i>Rhizoctonia solani</i>	Rhizoctonia root rot
Vd	<i>Verticillium dahliae</i>	Verticillium wilt

LARGE SEED

CODE	SCIENTIFIC NAME	ENGLISH NAME
BEAN		
BCMV		Bean common mosaic virus
BCTV		Beet curly top virus
CI	<i>Colletotrichum lindemuthianum</i>	Anthracnose
Psp	<i>Pseudomonas savastanoi pv. phaseolicola</i>	Halo blight
Pss	<i>Pseudomonas syringae pr syringae</i>	Bacterial brown spot
Ua	<i>Uromyces appendiculatus</i>	Rust
SWEET CORN		
Bm	<i>Bipolaris maydis</i>	Southern corn leaf blight and stalk rot
Et	<i>Exserohilum turcicum</i>	Northern corn leaf blight
MDMV		Maize dwarf mosaic virus
Pst	<i>Pantoea stewartii</i>	Stewart's wilt
RP*		Common rust
Rp1D		Common rust
Rp1G		Common rust
RpG		Common rust
RpG5		Common rust
RpG59		Common rust
SCMV		Sugarcane mosaic virus

*The various Rp genes confer resistance to some, but not all, races of common rust. The effectiveness of a specific Rp gene or combination of Rp genes in sweet corn will be determined by the common rust races that are prevalent in each growing area.

LEAFY

CODE	SCIENTIFIC NAME	ENGLISH NAME
LETTUCE		
BI	<i>Bremia lactucae</i>	Downy mildew
Fol	<i>Fusarium oxysporum f. sp. lactucae</i>	Lettuce fusarium wilt
LMV		Lettuce mosaic virus
Nr	<i>Nasonovia ribis-nigri</i>	Nasonovia
SPINACH		
Cd	<i>Colletotrichum dematium</i>	Anthraxnose
CMV		Cucumber mosaic virus
Cv	<i>Cladosporium variable</i>	Cladosporium leaf spot
Fo	<i>Fusarium oxysporum</i>	
Pe(ex.Pfs)	<i>Peronospora farinosa f. sp. spinaciae</i>	Downy mildew
Sb	<i>Stemphylium botryosum</i>	Stemphylium leaf spot

CAPSICUM

CODE	SCIENTIFIC NAME	ENGLISH NAME
CMV	<i>Cucumber mosaic virus</i>	Cucumber mosaic
Ma/Mi/Mj	<i>Meloidogyne arenaria, incognita, javanica</i>	Root knot nematode
PVY		Potato virus Y virus
Tm		Tobamovirus virus
TSWV		Tomato spotted wilt virus
Xcv	<i>Xanthomonas campestris pv. vesicatoria</i>	Bacterial spot

ONION

CODE	SCIENTIFIC NAME	ENGLISH NAME
Foc		Fusarium basal rot
Pt		Pink root

TOMATO

CODE	SCIENTIFIC NAME	ENGLISH NAME
Aal	<i>Alternaria alternata f. sp. lycopersici</i>	Alternaria stem canker
Fol	<i>Fusarium oxysporum f.sp. lycopersici</i>	Fusarium wilt
For	<i>Fusarium oxysporum f.sp. radices lycopersici</i>	Fusarium crown rot
Lt	<i>Leveillula taurica (anamorph: Oidiopsis sicula)</i>	Powdery Mildew
Ma	<i>Meloidogyne arenaria</i>	Root knot nematode
Mi	<i>Meloidogyne incognita</i>	Root knot nematode
Mj	<i>Meloidogyne javanica</i>	Root knot nematode
On	<i>Oidium neolycopersicum (ex Oidium lycopersicum)</i>	Powdery mildew
Pf (ex Ff)	<i>Passalora fulva (ex Fulvia fulvum) (Cladosporium fulvum)</i>	Leaf mould
Pl	<i>Pyrenochaeta lycopersici</i>	Corky root rot
Pst	<i>Pseudomonas syringae pv.</i>	Tomato bacterial speck
Rs	<i>Ralstonia solanacearum</i>	Bacterial wilt
Sbl	<i>Stemphylium botryosum f.sp. lycopersici</i>	Grey leaf spot
Sl	<i>Stemphylium Lycopersici</i>	
Ss	<i>Stemphylium Solani</i>	
ToMV		Tomato mosaic virus
ToTV		Tomato torrado virus
TSWV		Tomato spotted wilt virus
TYLCV		Tomato yellow leaf curl virus
Va	<i>Verticillium albo-atrum</i>	Verticillium wilt
Vd	<i>Verticillium dahliae</i>	Verticillium wilt

SEED QUALITY

HOW BAYER PRODUCES HYBRID SEEDS

Hybrid seed production at Bayer requires rigorous processes to ensure high standards of quality. Hybrid parent lines are carefully shipped to Bayer owned farms or to contracted seed growers. The male and female seeds are then planted side by side. Once the parental plants flower, they cross pollinate to produce the seed-bearing fruit. The fruits are monitored as they mature until they are ready for harvest. Finally the commercial hybrid seeds, also called F1 seeds, are extracted from the fruit and shipped to one of twelve Bayer operations facilities where they are prepared for sale.

ONLY THE BEST SEEDS ARE KEPT

Growing and harvesting high quality seeds is just the beginning. The seeds must be cleaned and conditioned, dried, sorted by size (for precision planters), thoroughly tested and packed prior to shipping. Many growing areas also require seeds to be treated with protectants, primed or pelleted. All of our seed is stored in bulk containers under controlled storage conditions. It is packed to order based on each customer's specifications.

These services all require years of training as well as specialised equipment and logistical systems to do well. It's one of the reasons why growers prefer to purchase seed each season from Bayer.

All of our processes are designed to protect the quality of the seed – a fragile, living product.

CONDITIONING

Seed conditioners separate fully formed seeds by weight, size, shape and colour. The process also removes plant materials, debris, dead seed and seed from other plants.

SEED TREATMENTS

Seed treatments can be applied to seeds to protect them from disease during their most vulnerable time in the ground. They can also enhance germination, vigour and uniformity in the field. Common treatments include film coating, an application that coats the seed with a polymer that can hold to seed protectants.

The bright colour also makes the seed easy to identify during planting. In addition, some types of seed are "primed" to enhance its performance. Primed seeds have been hydrated and re-dried prior to sale. Another popular option is pelleting; a thick coating that makes very small seeds larger, perfectly round, and easy to handle. The pellet typically splits open or dissolves once it is in the ground and exposed to water.

PACKAGING

Highly accurate machines are used to pack seed by count, weight and volume, depending on the crop and market. Pouches, foils, cans and pails are specially sealed to protect the seed during shipment and storage.

QUALITY ASSURANCE

HEALTH, PURITY AND VIGOUR

Bayer completes nearly 500,000 quality checks on our seed each year. This rigorous testing is the centerpiece of our comprehensive quality assurance system. A single seed lot can be subjected to several dozen quality measurements. Several of our labs have been accredited by government auditors, such as the National Seed Health System in the United States and Naktuinbouw, the Dutch Inspection Service for Horticulture. To earn this prestigious status we have proven that our test results are reliable, reproducible and independent from commercial influence.

GERMINATION AND VIGOUR TESTING

Completed in specialised growth chambers and greenhouses, these tests provide one of the most important quality measurements of seeds. High germination percentages are indicative of health, vigour and the overall quality of the seeds. Our procedures meet or exceed international standards.

PHYSICAL PURITY

Using magnifiers and microscopes, technicians examine seed lots to detect weed seeds or other impurities.

Any irregularities are documented and the seed re-conditioned or discarded, if needed.

IDENTITY AND PURITY TESTING

It is impossible to identify a plant variety simply by looking at its seed. With 3,500+ products, Bayer has developed highly accurate methods to confirm identity and measure the percentage of hybridity of harvested seeds. Using equipment similar to what is found in sophisticated medical labs, Bayer technicians can even identify specific products via their DNA fingerprint. When needed, field tests called “grow-outs” are used to visually confirm that the plants have the right phenotype.

SEED HEALTH

Destructive bacteria and plant viruses can be transmitted on seeds and Bayer takes extreme caution to prevent infection during seed production and afterwards. Random samples of seeds (usually 30,000 or 50,000 seeds per lot) are drawn from seed lots and tested for the presence of pathogens that are known to be problematic.

In addition to grow-outs, where seeds are planted in greenhouses and tested for disease symptoms, the team uses a number of highly sensitive tests to find seeds that may carry pathogens. This may include enzyme-based ELISA assays and DNA-based PCR (polymerase chain reaction) tests. Bayer has made many breakthroughs in the area of seed health, and for the benefit of the industry has often shared that knowledge.

QUALITY ASSURANCE RESEARCH

Bayer has a special team of quality experts whose job is to find new and innovative ways to improve the health and quality of seed. They study the physiological, horticultural and genetic factors that affect seed quality. We then use this information to guide our product development as well as the processes and technologies employed in seed production and operations.

SEED COUNT AND PLANT DENSITY DATA

CROP	SEED COUNT PER GRAM	PLANT POPULATION PER HA (MK)	PLANT POPULATION PER ACRE (MK)
Lettuce baby leaf	1000	1000-2000	400-800
Bean	4-7	200-250	80-100
Broccoli	160-240	40-45	16-18
Capsicum/pepper	110-150	25-35	10-14
Chilli	110-150	25-35	10-14
Cauliflower	190-250	28-35	11-14
Cucumber	30	10-16	4-6
Lettuce	800-1000	55-75	22-30
Onion	210-320	650-800	263-325
Cantaloupe	28-32	10-15	4-6
Spinach	150-175	150-340	60-140
Sweet corn	5-7	55	22
Tomato	300-330	16-22	6-9
Watermelon	16-25	2.5-5	1-2
Zucchini	6-9	10-17	4-7



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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 (HR), moderate/intermediate resistance (IR), Immunity, Susceptibility and Tolerance shall have the meaning 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.