



Catalogue 2023-25



Team LEFROY VALLEY



Warren Hobson

General Manager Sales and Product Development

Warren is based out of our Pukekohe office and has more than 30 years horticultural experience which includes pollination, growing media and of course seed. Warren returned to Lefroy Valley in 2008 and is responsible for the management of the business and oversees product development. Raised on a sheep and beef farm and graduated from Massey University with a Bachelor of Agriculture. Warren is passionate about seed and the horticultural industry.

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warrenh@lefroyvalley.co.nz

Northland, Franklin, Waikato, BOP, Nelson/Marlborough



Janine Grul

Technical Sales Representative/Administrator

Janine came to Lefroy Valley in early 2000 with the experience of having grown spring onions and outdoor capsicums commercially. Based in our Pukekohe office, Janine is an integral part of the company with a key role as Administrator combined with a sales focus on indoor crops and mesculin.

Mob 0274 438 024

janineg@lefroyvalley.co.nz

Indoor crops, Mesculin



Richard Kay

Regional Sales Manager

Richard is based in Hawkes Bay. After completing a Bachelor of Applied Science in Agribusiness in 2006 at Massey University, Richard worked as an Agronomist for a large food processing company in Gisborne focusing on Sweetcorn, Squash, and Peas. He has a solid understanding of the food processing industry and the agronomic skills to go with it. Richard joined LVNZ in 2015 after working 3 years for Lefroy Valley Australia.

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richardk@lefroyvalley.co.nz

East Coast, Hawkes Bay, Lower North Island, Ohakune



Lefroy Valley

www.lefroyvalley.co.nz

Damon Nielsen Technical Sales Representative

Damon has been with Lefroy Valley since 2013. Originally running the warehouse now has grown into a fulltime role as Technical Sales Representative in Franklin, Canterbury & Otago/Southland regions. Damon grew up on a dairy farm in the Waikato and worked in the horticultural industry in the UK before coming to Lefroy Valley.

Mob 021 884 680

damonn@lefroyvalley.co.nz

Auckland, Canterbury, Otago/Southland



Paula O'Hanlon Technical Sales Representative

Paula joined Lefroy Valley in 2020 from Nunhems/BASF. With over 30 years in the horticultural industry in varied roles and products, Paula has great knowledge and expertise to help growers find the right seed solution for them.

Mob 021 731 009

paulao@lefroyvalley.co.nz

Franklin, Auckland, Nunhems Indoor



Glennys Smith Customer Service/Logistics

Glennys has been with us since August 2008. Previously employed in the Onion Export industry, her skills are in the field of import/export documentation, logistics and customer service. Over 30 years of experience in administration, both in corporate and sole charge positions. Being a local, Glennys has spent all her life in the Franklin District. Glennys enjoys being part of the Lefroy Valley team and is at reception to serve customers when visiting our office in Pukekohe or to answer your phone calls.

Phone 09 238 3593

logistics@lefroyvalley.co.nz



Keith Ansell & Lani Brown Warehouse/Dispatch

Our customer service team are always on hand in to take your orders either by email, phone or in person at our office in Pukekohe.

Keith joined us in Oct 2022 and since then has re-organised our warehouse to speed up the dispatch of your orders. Having worked in warehouse dispatch for many years, he has quickly made himself an invaluable member of our team. We now even have Keith growing vegetables!

Lani has been with us since 2017 and is responsible for the germination and quality assurance systems we have in place for our seeds. Lani enters your orders into our system and prepares them for dispatch.

Phone 09 238 3593

info@lefroyvalley.co.nz

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Free phone 0800 LEFROY (533 769)

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CONTENTS

Beans	5
Beetroot	5
Beet - Leaf & Chard	6
Broccoli	7
Cabbage	8
Capsicum	11
Carrot	15
Cauliflower	16
Celeriac	20
Chinese Greens	20
Cucumber	24
Eggplant	25
Herbs	26
Kohlrabi	27
Lettuce	27
Melon	31
Microleaf	33
Onion	34
Peas	36
Pumpkin	37
Radish	38
Rootstock	39
Spinach	40
Squash	42
Sweetcorn	43
Tomato	44
Watermelon	49
Zucchini	51
Fertiliser	52
Sowing Guide	53
Disease Abbreviations	54

Abnormals	Seedlings which are not growing true to type
Blossom End	The end on which the flower was formed
Bolting	Going to seed. Premature formation of a seed stalk
Brix	Measure of the sucrose (sugar) content shown as °Bx. Measured using a refractometer
Determinate	Growth stopped by development of terminal flower buds. A dwarf variety
F1	The first generation of a cross
Gynoecious	All female flowers on the same plant
Hybrid	A plant resulting from a cross between parents that are unlike. They occur naturally or artificially. The same parents are used to produce more seed
Indeterminate	Growth continuing indefinitely when leaf buds are formed at the tip of the growth
Juvenile Stage	A seedling stage after emergence of cotyledon leaves
Monoecious	Has both male and female flowers on the same plant
Multigerm	A cluster of more than 1, usually no more than 3 seeds joined together
Off types	Not the same characteristics as its parents
Open Pollinated	Between plants of the same variety. Non hybrid
Parthenocarpic	The tendency of a plant to set fruit without pollination
Seed Cavity	The area inside a fruit that holds the seed
Selection	A special form of plant chosen for certain characteristics
Self Fertile	The pollen of the flowers of a single plant will fertilise the pistils of the flowers of the same plant
Self Incompatible	Incapable of self fertilisation
Sibs or Inbreds	Resultant plant from the self fertilisation of a hybrid parent
Species	A group of closely related plants which exhibit the characteristics distinguishing them from all other units within a genus although still having similar recognizable characteristics
Variety	A group within a species with distinct characteristics which are not different enough to be a separate species

Dear Customer

The team at LEFROY VALLEY has pleasure in presenting you our latest Vegetable Seed Catalogue. This catalogue is your essential guide when making important decisions about which varieties to grow. We are a small but progressive seed company, and consider customers as partners in the business of producing good quality produce at a profit.

We source quality seeds from many of the worlds leading vegetable seed breeders and suppliers, very small to large. We do extensive trial work from very early in the breeding process through to commercial sales.

We are not just seed sellers; we look, listen, evaluate, and provide the best advice we can based on our knowledge.

Every one of the varieties in this catalogue has been tested under New Zealand climatic conditions.

You will find we have indicated main sowing and harvest timeslots.

The combined experience in this company is second to none in New Zealand, and we pride ourselves on recommending not only our varieties, but giving credit to others when due. A seed company may have the best hybrids available, but without the best advice, the grower is no better off. Please consider that next time you invest in seed.

On behalf of the LEFROY VALLEY team, thank you for your business support throughout the years. It is something we never take for granted.

BEAN - DWARF



JAGUAR

Jaguar has a maturity of 65-85 days

- Very dark green bean that presents well
- Straight pods with a length of 140-150mm, sieve size between 9.5-10mm
- Likes the heat, main to late season harvest

High Resistance to: BCMV, CI **Intermediate Resistance to:** Ua

Sow	Harvest
September to February	M November to M May



MASERATI

Maserati is a high quality and slightly finer bean

- Dark green colour and a very straight pod
- A medium maturing (3 days quicker than Messi) variety with 130mm long pods
- Medium sieve with an average diameter of 7.5-8.5mm

High Resistance to: BCMV, CI, Psp

Sow	Harvest
September to January	M November to M April



MAXIDOR (Wax)

Maxidor is an excellent fresh market wax bean

- Medium yellow colour and very straight
- A medium maturing variety with 120-130mm long pods
- Average sieve size of 8-9mm

High Resistance to: BCMV, CI, Psp

Sow	Harvest
September to February	M November to M May



MESSI

Messi has a maturity 62-80 days

- Beautiful dark green bean. Very strong bush, pod set well off the ground
- Easy pick with little stem retention. *Messi* has great shelf life
- Straight pods with a length of 130-150mm, sieve size between 8.0-10.5mm

High Resistance to: BCMV, CI

Sow	Harvest
September to February	M November to M May

*Our dwarf bean range comes from Pop Vriend Seeds.
For more information on fresh market and processing beans
visit www.popvriendseeds.nl*



BEAN
Phaseolus vulgaris

BEETROOT



BUZZARD F1

Buzzard has proven to be a reliable variety that can be sown year round

- Strong vigorous leaf with small-medium leaf attachment
- Dark red internal with smooth skin. Good brix at 12°Bx
- Small tap root, very uniform globe shape
- Suited to fresh market as baby or bunching and processing

Sow	Harvest
All Year	All Year



GOLDRUSH F1

Goldrush has a bright yellow internal colour with no zoning

- Fresh market and processing. Versatile globe beet for baby or bunching
- Uniform globe shape with good yields. Reliable
- Roasts easily making a great colour contrast with red beet. Just as Sweet!
- Maturity: 100 days depending on time of year and planting density

Sow	Harvest
All Year	All Year

BEETROOT
Beta vulgaris

BEETROOT

**HARRIER F1**

Harrier has a dark red internal colour with no zoning

- Fresh market and processing. Versatile globe beet for baby or bunching
- Smooth uniform globe shape with good yields and reliable
- Small to medium size crown and tap root
- Maturity: 100 days depending on time of year and planting density

Sow	Harvest
All Year	All Year

**HAWK F1**

Hawk is very sweet with 12°Bx (Brix). Dark red internal colour with no zoning

- Fresh market and processing. Versatile globe beet for baby or bunching
- Smooth uniform globe shape with good yields. Reliable
- Strong vigorous leaf attachments
- Maturity: 100 days depending on time of year and planting density

Intermediate Resistance to: Cb

Sow	Harvest
All Year	All Year

**PSYCHO F1**

Psycho is a choggia - fantastic contrasting internal rings of pink and white!

- Fresh market and processing. Uniform globe beet for baby or bunching
- Smooth uniform globe shape with good yields. Reliable
- Strong vigorous leaf attachments of medium size.
- Maturity: 100 days depending on time of year and planting density

Sow	Harvest
All Year	All Year

**RAMROD F1 (Cylindrical)**

Ramrod is a cylindrical beetroot developed for superior slicing

- Very uniform, high yields of dark red roots free of interior zoning
- Ideal for slicing, eating fresh, canning or pickling. Erect plant habit
- Maturity: 100 days depending on time of year and planting density

High Resistance to: Cb

Sow	Harvest
All Year	All Year

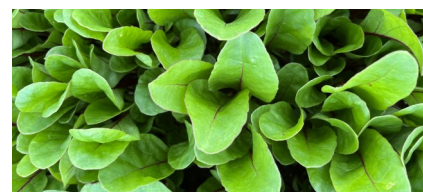
BEET - LEAF - BABYLEAF

**FLUENCE F1**

Red stem & veins with fresh green leaf. Very uniform. Exceptionally clean leaf. All year harvest, but good winter vigour. *IR to:* Ps

**ION F1**

Red stem. Fresh green leaf colour with crisp red vein. Very uniform. Holds very well, clean leaf. All year round harvest. *IR to:* Ps

**TESLA F1**

Red Stem. Similar vigour to Ion. Darker green and red that doesn't bleed. Either for baby leaf or bunching. *IR to:* Ps

**PRIUS F1**

Red stem with fresh green leaf colour. Rapid growing, alternative to chard for baby leaf. Maturity 24-42 days.

**RED CAPE F1**

Intense deep red colour. Very glossy. Best suited to spring, summer and autumn harvest. Maturity 24-42 days.

**RED CLOAK**

Deep red colour. Thick glossy leaves. Best suited to autumn, winter and spring harvest. Maturity 28-45 days.

BEET - LEAF - BUNCHING



ENVY

Envy is also suitable to bunch

- Dark green whole plant variety with a medium to small white rib
- Best production seasons late spring, summer and autumn
- High gloss leaf
- Pluck or whole plant harvest

Sow	Harvest
All Year	All Year

BEET

BROCCOLI

Brassica oleracea

BROCCOLI



ADDER F1

Adder is a heat tolerant variety with versatile maturity

- High domed head with medium dark green bead
- Strong upright plant. Heat tolerant
- Flexible harvest period, November to late May
- Maturity 70-80 days from transplant depending on location

Sow	Harvest
July to January	November to L May



DURAN F1

Duran is a variety for the autumn harvest season

- Medium dome with a medium fine bead
- Medium dark green head of good size
- Compact plant with minimal stem trimming required
- Maturity 65-80 days from transplant depending on location

Sow	Harvest
L Oct to December	March to May



MARQUEZ

Marquez is an autumn to spring harvest variety. Very adaptable.

- Medium dome with a medium fine bead
- Medium dark green head of good size
- Compact plant with minimal stem trimming required
- Maturity 75-85 days from transplant depending on location

Sow	Harvest
December to August	April to November

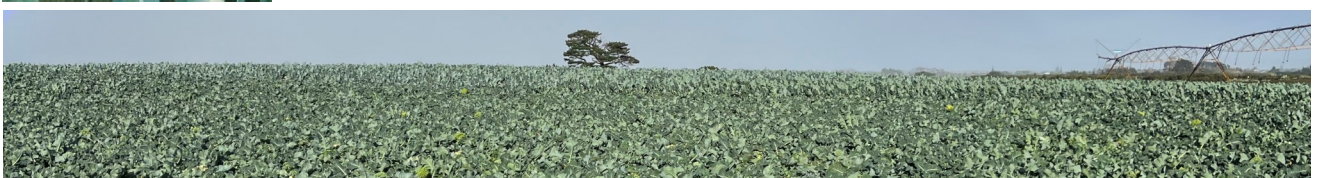


VIPER F1

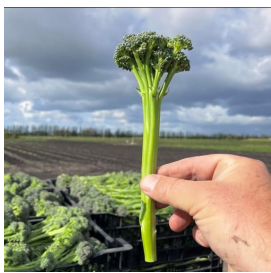
Viper maturity is 55-70 days from transplant

- Strong vigorous plant with very uniform high domed heads
- Bright green with medium sized beads
- Excellent heat tolerance for summer

Sow	Harvest
September to January	January to April



BROCCOLI - STEM

**AMBROSIA**

Ambrosia yields well producing small stemmed broccoli florets

- Excellent uniformity and colour
- Good stem weight and very tender eating
- Suited to harvest nearly all year round

Sow	Harvest
November to E May	April to October

**INDULGENT**

Indulgent yields well producing small stemmed broccoli florets

- Excellent uniformity and colour
- Good stem weight and very tender eating
- Suited to harvest nearly all year round

Sow	Harvest
E October to August	March to December

CABBAGE - CHINESE

**BONSAI**

Bonsai is a compact mid to large Wong Bok

- Dark green leaves with yellow core
- Size 1.5-3kg with ability to maintain a good quality cut up to the larger size
- Long standing variety

Sow	Harvest
August to April	November to August

**MINION**

Minion is a small compact Wong Bok

- Dark green leaves with yellow core and traditional shape
- Size 0.8-1.5kg with ability to maintain a good quality cut up to the larger size
- Minion can be harvested almost all year round. Can bolt in spring
- Direct sow in spring/summer

Sow	Harvest
September to May	December to July

**RED HERO**

Red Hero is unique

- Vibrant red colour continues into the heart
- Weighs 2-2.5 kg
- 85-110 days to maturity depending on region and season
- Harvest summer into winter

Sow	Harvest
September to March	January to E July

**SAMURAI**

Samurai has high resistance to clubroot

- Ideally suited to harvest from spring through to autumn
- Size 2-3kg. Dark green external colour with good yellow internal colour
- Slightly later maturing than Bonsai & Kansai
- Good field tolerance to leaf disease

Sow	Harvest
August to February	November to May

High Resistance to: Pb

New varieties are being added to our range regularly. Please ask if you are looking for something but you don't see it in our catalogue

CABBAGE - CHINESE

**TROOPER**

Trooper has good bolt tolerance

- 75-90 days to maturity depending on season and region
- Typical head shape with average weight of 1.5-2.5kg
- Strong green external colour with excellent yellow internal colour
- Although Warrior has better bolting tolerance, Trooper may be harvest all year
- Direct sow spring/summer

High Resistance to: Pb

Sow	Harvest
All Year	All Year

**WARRIOR**

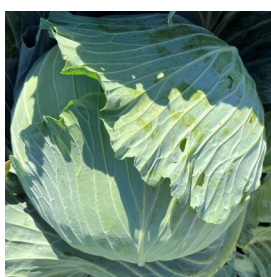
Warrior has excellent bolt tolerance

- Ideally suited to harvest from winter to late spring, but can be year round
- Typical head shape with average weight of 2-3kg
- Strong green external colour with excellent yellow internal colour
- Vigorous, uniform, erect habit. Good field holding and bolt tolerance in spring

High Resistance to: Pb

Sow	Harvest
All Year	All Year

CABBAGE - GREEN

**FURATTO** **NEW**

Furatto is a flatter drumhead shape

- Flat in shape with well defined dense head up to 3kg
- For harvest in the warmer months
- Good ground clearance and easy harvest
- Good field tolerance to disease
- Sweet and excellent eating

Sow	Harvest
July to January	December to June

**FUYU MIDORI**

Fuyu Midori has become the industry benchmark

- Deep drumhead shape. Dark green with heavy leaf structure
- True winter type with a strong similarity to the original Wintercross
- Versatile and slow to bolt
- Very adaptable variety

Sow	Harvest
December to May	May to November

**KINGCOLE** **NEW**

Kingcole is a processing cabbage for cool season

- Globe shaped. Dark green with heavy leaf structure
- When left can weigh up to 5kg
- Very adaptable variety
- Can go all year

Sow	Harvest
September to January	January to May

**MIDORI PLUS**

Midori Plus is a versatile wintergreen type

- Medium-deep drumhead shape
- Expect improved characteristics compared to Fuyu Midori
- Harvest early winter to spring
- Excellent internal quality and field holding

Sow	Harvest
December to May	May to November

All our seed is quality tested

CABBAGE - GREEN



NIKKO GREEN

Nikko Green is a medium deep drumhead

- Flexible harvest window of late spring, summer, autumn and early winter
- Head held well clear of ground. Medium core
- Maturity 75-115 days depending on location and season slot
- Proving to be an exceptionally versatile variety

Sow	Harvest
July to December	November to May



ROBUSTA **NEW**

Robusta is suited to fresh and process markets

- Flat drumhead shape. Up to 4.5-5kg
- Robust dense medium dark green leaves. Good wrapper
- Maturity 90-150 days depending on location and season slot
- Great for processing
- Very adaptable, potentially all year round

Sow	Harvest
January to L August	May to January



SAPPORO

Sapporo is a Spring harvest variety

- High vigour variety with an open plant and dark green wrapper
- Medium to deep drumhead shape
- Medium core length. Maturity will depend on region and temperatures

Sow	Harvest
March to May	September to November

CABBAGE - SAVOY



TROJAN

Trojan is a traditional Savoy King type

- Deep round head shape with a good density and small core
- Medium - strong vigorous plant
- Strong heavy and densely savoyed leaves
- Dark colour and good wrapper leaves
- Maturity: 80-100 days

Sow	Harvest
July to January	November to June

CABBAGE - RED



RED CLOUD

Red Cloud is a red Rookie type

- Medium size drumhead
- Good quality internal and external colour
- Suited to summer through to early winter harvest
- Maturity: 80-100 days, varies by region

Sow	Harvest
July to January	November to June



WEE RED

Wee Red is a mini red

- High colour red both externally and internally
- Medium fast speed that holds reasonably well
- Grows well clear of the ground
- Weight approximately 0.5-1kg depending on season

Sow	Harvest
August to January	November to May

CAPSICUM INDOOR - HOT



GREEN FIRE (Jalapeño)

Green Fire is a mild to hot variety for all year round greenhouse production

- Spectacular in its shape and smoothness both at green and red stages
- Consistent yield. With good fruit set
- Fruit weight 30-45gm with thick walls

Sow	Harvest
All Year	All Year



RED FLARE (Cayenne)

Red Flare is a mild to hot chilli variety for all year round greenhouse production

- Nice shape and smoothness both at green and red stages
- Consistent yield, with good fruit set
- Fruit weight 15-20gm with thick walls
- Compact setting and laterals off the central stem

Sow	Harvest
All Year	All Year



Please ask about Fresno, Ghost, Scorpion, Scotch Bonnet, Reaper and other hot varieties



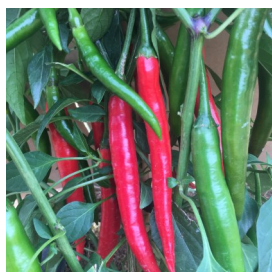
CAPSICUM - OUTDOOR HOT

**CHILLI BLAZE**

Chilli Blaze is very hot

- Deep red colour at maturity
- 11-14cm long, average weight 10-15gm
- Excellent yield, easy setting ability
- A naturally strong plant producing thick walled fruit

Sow	Harvest
Spring	Summer to mid Autumn

**CHILLI FEVER**

Chilli Fever is also very hot

- Deep red colour at maturity
- 12-15cm long, average weight 15-20gm
- Excellent yield, strong plant

Sow	Harvest
Spring	Summer to mid Autumn

**HABANERO RED**

Habanero Red is also very hot

- Fruit deep red colour at maturity, 5-6cm long, average weight 25gm
- Excellent yield, strong vigorous plant, enjoys hot conditions

High Resistance to: TMV:2

Sow	Harvest
Spring	Summer to mid Autumn

**HOT 'N BOTHERED**

Hot 'N Bothered is a another very hot capsicum

- Green to red, 160-190mm long
- 70-90gm average weight
- Great set and yield from a strong plant

High Resistance to: TMV:2

Sow	Harvest
Spring	Summer to mid Autumn

**HUNGARIAN WAX**

Hungarian Wax is very hot

- Deep red colour at maturity
- 17-20cm long, average weight 90-100gm
- Excellent yield, easy setting ability
- A naturally strong plant - try it!

Sow	Harvest
Spring	Summer to mid Autumn

**RED EYE**

Red Eye is a very hot birds-eye type

- Green to red colour for outdoor use
- Exceptionally vigorous plant, compact with good foliage cover
- Fruit are 40-50mm long

High Resistance to: TMV:2

Sow	Harvest
Spring	Summer to mid Autumn

Our red, yellow and orange varieties make a great mixed pack!

CAPSICUM - OUTDOOR HOT



SLIMLINE

Slimline is very hot

- Deep red colour at maturity, slower to colour
- 13-15cm long, average weight 20-25gm
- Sets high fruit numbers of uniform fruit
- Compact plant with good foliage cover

High Resistance to: TMV:2

Sow	Harvest
Spring	Summer to mid Autumn



YELLOW OUTDOOR

Yellow Outdoor chilli has great heat

- Green to Yellow colour, strong plant, compact with good foliage cover
- Average 10cm long with thick walls, 25-30gm

Sow	Harvest
Spring	Summer to mid Autumn

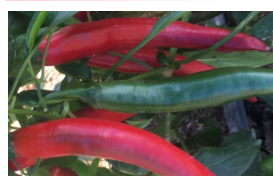


ORANGE OUTDOOR

Orange Outdoor chilli has a deep orange colour

- Slightly weaker plant than red and yellow but has good setting
- Average 10cm long with thick walls

Sow	Harvest
Spring	Summer to mid Autumn



RED OUTDOOR

Red Outdoor chilli is very hot

- Green to red colour
- Strong plant, compact with good foliage cover

Sow	Harvest
Spring	Summer to mid Autumn

CAPSICUM - HOT
Capsicum annuum

CAPSICUM INDOOR - SWEET



RED WRATH

Red Wrath is a glossy, bright red blocky

- Compact generative plant with good power
- Excellent setting ability, high quality fruit
- Fruit weight between 190-200gm. 4 lobed slightly elongated blocky

High Resistance to: TMV:3, TSWV

Sow	Harvest
All Year	All Year



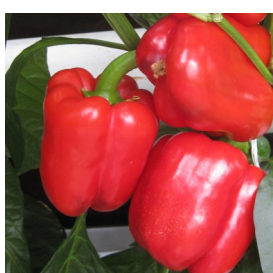
YELLOWFIN **NEW**

Yellowfin is a glossy, light yellow blocky

- Early to fruit and colour and regular setting
- The Yellowfin plant holds good power, not quite as compact as Red Wrath
- Fruit weigh between 180-200 gm. Fruit are a blocky shape with four lobes
- Fruit are very firm. Suitable for export and domestic market

High Resistance to: TMV:3, TSWV

Sow	Harvest
All Year	All Year



RED RISE **NEW**

Red Rise is a glossy, bright red blocky

- Compact generative plant with good power
- Excellent setting ability, high quality fruit
- Fruit weight between 180-190gm. 4 lobed slightly elongated blocky

High Resistance to: TMV:2

Sow	Harvest
All Year	All Year

CAPSICUM
Capsicum annuum

CAPSICUM OUTDOOR - SWEET

**GLARE (Orange)**

Glare is an orange blocky

- Large blocky fruit on a compact plant
- 9–10cm x 10cm. Suitable for open field culture without support
- Sturdy plant with good cover

High Resistance to: TMV, X spp:1-2

Sow	Harvest
August to December	January to May

**HALO (Yellow)**

Halo is a large, yellow blocky

- Large blocky yellow fruit on a compact plant
- 9 x 9cm to 10 x 10cm. Suitable for open field culture without support
- Sturdy plant with good cover

High Resistance to: TMV, X spp:1-3, PVY

Sow	Harvest
August to December	January to May

**HELIX (Red)**

Helix is a large red outdoor blocky

- Large green to red blocky suited to fresh market and processing use
- Heavy 10 x 10cm, thick walled and a bright cherry red colour
- Sturdy plant with good fruit cover
- Good heat set.

High Resistance to: TMV:0, X spp: 1-3

Sow	Harvest
August to December	January to May

**SWEET RED BULLHORN**

Sweet Red Bullhorn has a very dark red colour

- Excellent production of great flavoured fruit
- 100-125gm, Brix 7, 3-5cm x 16-20cm
- Strong plant but due to high yield may need a stake

High Resistance to: TMV, X spp:1-3

Sow	Harvest
August to December	January to May



If you are interested in a product you don't see listed, please ask us, as this is just a selection of our range.

CARROT - HYBRID



DEVOTION **NEW**

Devotion is good coloured storage nantes carrot

- Mid maturing Nantes
- Good tops and smooth root
- Length is 16-18cm and blunts off well
- Good colour, minimal cracking and excellent uniformity
- Sowing dependent on location

Sow	Harvest
October to January	January to August

CARROT - BUNCHING HYBRIDS



HUMM

Humm is an all round bunching carrot

- Good strong tops and very reliable
- Roots are slightly wider at the top
- Nice colour and presents well
- Very robust and adaptable

Sow	Harvest
All Year	All Year



JINGLE

Jingle is a medium maturity bunching carrot

- Dark foliage with strong tops and good attachment
- Excellent root shape 80-150mm long and 15-25mm at shoulder
- Great colour and very uniform
- Particularly good vigour for harvest May to November

Sow	Harvest
All Year	All Year



Ask about our range of coloured carrots



CAULIFLOWER - HYBRID



BAMBA

NEW

Bamba (CLF 0952) has high quality curd very similar to Champ

- Excellent well wrapped and well tucked curd
- Maturity: Approximately 130-140 days depending on location
- A plant with strong vigour and very uniform
- 5 days later maturing than Champ

Sow	Harvest
January to L February	M July to M September



BENAZZI

Benazzi has high quality curd

- Promising late winter variety suited to south of Pukekohe
- Excellent tall semi-erect robust plant
- Very dense well tucked white curd
- Maturity: 150-165 days

Sow	Harvest
M January to L February	M July to M September



BLANCO

Blanco has an excellent compact uniform plant

- For the autumn harvest period depending on location
- Medium vigour producing an excellent well covered white curd
- Maturity: Approximately 85-100 days depending on location

Sow	Harvest
November to L December	Mid April late May



CABALLERO

Caballero has high quality curd

- Promising late winter variety suited to south of Pukekohe
- Excellent tall semi-erect robust plant
- Very dense well tucked white curd
- Maturity: 145-155 days

Sow	Harvest
January to late March	July to E September



CASTEL

NEW

Castel (CLF 0196) is for early winter to mid winter harvest

- High dome curd gives plenty of weight to the firm white curd
- Maturity: Approximately 125-130 days depending on location
- A well wrapped and tucked curd
- Similar maturity to Pelous

Sow	Harvest
January to February	June to mid August



CHAMP

NEW

Champ (CLF 0951) is outstanding for the winter harvest period

- Excellent well wrapped and well tucked curd
- Maturity: Approximately 125-135 days depending on location
- A strong plant with excellent vigour and very uniform

Sow	Harvest
January to late March	July to late Sept

CAULIFLOWER - HYBRID

**CLERC****NEW***Clerc (CLF 0194)* is an autumn to early winter variety

- Maturity: 85-105 days depending on location
- Medium sized frame producing 0.9-1.1kg curd
- Semi erect plant, with outstanding curd cover
- Firm white medium sized curd that is well tucked

Sow	Harvest
December to L January	L April to mid June

**DARBOS****NEW***Darbos (CLF 0198)* is for true winter harvest

- Maturity: 135-140 days depending on location, to 150 days late winter
- Medium sized frame producing 0.9-1.2kg curd
- Semi erect plant, with outstanding curd cover
- Smooth firm white medium sized dense florets on a well tucked curd

Sow	Harvest
December to E February	July to September

**IBANEZ***Ibanez* has outstanding seasonal versatility

- Maturity: 80-100 days location dependent for late autumn to early winter
- Medium-large sized frame producing 1.2-1.5kg curd
- Semi erect plant, good jacket and curd cover
- Firm white medium sized dense florets on a well tucked curd

Sow	Harvest
January to February	Mid April to late May
E May to E June	E October to M November

**LOVELOCK***Lovelock* has outstanding wrap

- Maturity: 70-80 days depending on location for January to early April
- Strong plant with good jacket and stunning wrap
- The curd is semi domed, white, dense with excellent tuck
- High quality curd and very adaptable. Highly recommended

Sow	Harvest
August to M January	January to E April

**LYDIARD****NEW***Lydiard (CLF 0134)* is for summer harvest

- Semi erect with outstanding curd cover an excellent tuck
- Maturity: 75-85 days depending on location for early December to late April
- The curd is semi domed, medium sized dense white florets, 0.9-1.2kg
- Matures 5-6 days later than Lovelock

Sow	Harvest
August to December	E December to L April

**MAESTRI***Maestri* has an excellent uniform harvest

- For the late autumn to early winter harvest period depending on location
- Maturity: Approximately 90-110 days depending on location
- Good plant vigour producing an exceptionally well wrapped and tucked curd
- Excellent white curd. Highly recommended

Sow	Harvest
January to February	May to mid June

CAULIFLOWER - HYBRID

**PELOUS**

Pelous has a strong sturdy plant for mid winter

- For the Winter harvest period depending on location
- Strong plant vigour producing an excellent covered and well tucked curd
- Maturity: Approximately 120-135 days depending on location

Sow	Harvest
M January to L March	July to September

Over wintered/transitional trials are continuing and we will have more information during October – December.

Longer maturity 190-220 day varieties - MARDIG, GALLION, FABRE, EIRWIN & DURATION are in this class.

Cauliflower Harvest		All NI		LNI only		Upper NI only		Upper SI only		Lower SI		All SI			
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec		
		Early	Late	Early	Late	Early	Late	Early	Late	Early	Late	Early	Late	Early	Late
LOVELOCK	NI														
	SI														
LYDIARD	NI														
	SI														
IBANEZ	NI														
	SI														
BLANCO	NI														
	SI														
CLERC	NI														
	SI														
MAESTRI	NI														
	SI														
CASTEL	NI														
	SI														
PELOUS	NI														
	SI														
CHAMP	NI														
	SI														
DARBOS	NI														
	SI														
BAMBA	NI														
	SI														
BENAZZI	NI														
	SI														
CABALLERO	NI														
	SI														
MARDIG	SI														
EIRWIN	SI														
DURATION	SI														

CAULIFLOWER COLOURED - HYBRID

**CLASSIC** **NEW**

Classic is an orange Romanesco

- Unique looking romanesco
- Suited to harvest autumn into winter
- 100-110 days maturity location dependent

Sow	Harvest
October to July	L March to December

**EMERALDMOON**

Emeraldmoon is a lime green colour

- Florets easily for processing
- Resembles a true cauliflower with medium round head
- 75-95 days location dependent

Sow	Harvest
November to December	L March to E May

**GRECO** **NEW**

Greco is a lime green Romanesco

- Pairs with Classic to present beautifully
- Well suited to harvest autumn into winter
- 105-115 days maturity location dependent

Sow	Harvest
October to July	L March to December

**MULBERRY**

Mulberry has a deep purple colour

- Excellent colour and turns BLUE when cooked
- Florets easily for processing
- Resembles more a true cauliflower than other competitors
- Suited to summer - autumn harvest

Sow	Harvest
April to January	November to July

**MOONBEAM**

Moonbeam has an orange curd

- Semi erect, compact with medium frame
- Firm, nicely tucked florets
- Medium frame with good jacket and curd of 0.85-1kg
- 75-95 days location dependent

Sow	Harvest
July to January	December to June

**PURPLEMOON**

Purplemoon has a distinct purple colour curd

- Semi erect, compact with medium frame
- Suited to late spring to early winter harvest
- Great colour curd weighing 0.85-1kg
- 75-95 days location dependent

Sow	Harvest
April to January	November to July

CAULIFLOWER - SPROUTING

**FLORAISON**

Floraison is a sprouting cauliflower

- Semi erect plant with no curd cover
- Whole sprouting head weighs 0.9-1.2kg
- Small white sprouts/florets can be snapped off to make bunches
- Matures in 12-14 weeks from transplant, late spring to early winter harvest

Sow	Harvest
Mid April to January	November to June

CELERIAC

**TRUMP** *Apium graveolens*

Trump is fast growing with bolting resistance

- Fast growing variety with excellent bolting resistance
- Sturdy, upright, dark green leaves. Roots are round, smooth and of good internal quality. Easy cleaning
- Specially recommended for early harvest and bunching

High Resistance to: Sa

Sow	Harvest
All Year	All Year

CHINESE GREEN - KALE

**CAVOLO NERO**

Cavolo Nero can be used for baby leaf or bunching

- Industry standard - often called black kale
- Suitable for all year round sowing/harvest
- For baby leaf and bunching

Sow	Harvest
All Year	All Year

**FUGITIVE**

Fugitive is a mid green colour and exceptionally curled

- Known as a borecole or Dutch kale
- Suitable for all year round sowing/harvest
- Ideal for leaf plucking

Sow	Harvest
All Year	All Year

**GREEN GLACE**

Green Glace is an especially sweet kale

- Quick growing kale for all year
- Very sweet, ideal for juicing
- Large plant giving good volume

Sow	Harvest
All Year	All Year

**HOODLUM**

Hoodlum is an especially dark green leaf

- A Cavolo Nero type especially bred for plucking
- A long curled heavy leaf with excellent yield
- Ideal for leaf plucking

Sow	Harvest
All Year	All Year

**PURPLE CURL**

Purple Curl has a purple stem and veins

- Green/purplish leaves with deeper purple veins. Ruffle to leaf edge
- All year round sowing/harvest
- Ideal for baby leaf or bunching

Sow	Harvest
All Year	All Year

**REBEL**

Rebel has deep purple leaves and stems

- The red version of Fugitive
- Suitable for all year round sowing/harvest
- Ideal for leaf plucking

Sow	Harvest
All Year	All Year

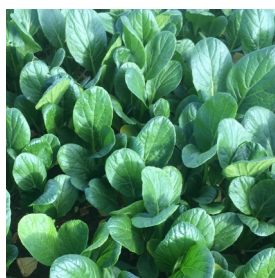
**RIPCURL**

Ripcurl has a finely curled blue green leaf

- Blue Curly Kale - finely curled margin of blue green leaf
- Baby leaf and bunching production
- Sweet flavor

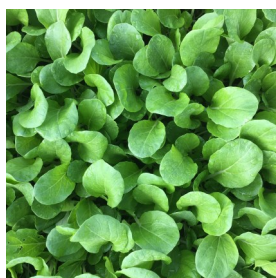
Sow	Harvest
All Year	All Year

CHINESE GREEN - BABY LEAF - GREEN



EVOKO

Dark green Pak Choi/
Komatsuna. Uniform upright
and good vigour. Thick leaf.



MINTY

White stem Pak Choi.
Amazing flavour.



MIZUNA

Fine leaves are decorative,
green with a mild mustard
flavour. All year round
production.



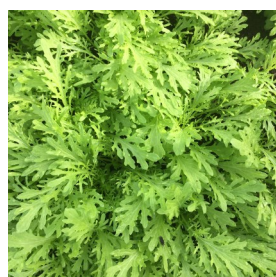
PLAZA

Green stem Pak Choi



TATSOI

Spoon shaped leaf, and dark
green. Best suited for spring
to autumn harvest.



TICKLER

Green Mustard with fine frilly
leaf.

Seed pack sizes
for Chinese Greens
range from
100gm to 20kg

CHINESE GREEN - BABY LEAF - RED



RED DUCHESS

Frilly Red Mustard. Intense
deep red right through leaf.
All year round production.



RED EARL

Red Mizuna. Fine decorative
leaves. Mild mustard flavour.
All year round production.



RED EMPEROR

Red Pak Choi, good quality.
Erect habit. Market standard.
All year round production.



RED MONARCH

Mustard, deep cherry red
broad leaves. Quick growing
for autumn to spring.

New shapes and
colours coming into
our range regularly.
If you are looking
for a shape, colour
or flavour please
ask.



RED SULTAN

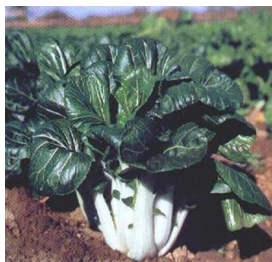
Dark red oval leaf Mustard.
Mild flavour. Great colour on
both sides of leaf



RED TSAR

Intense red Pak Choi. Highly
glossy leaves. Good shelf life.
For spring, summer, autumn.

CHINESE GREEN - PAK CHOI - FRESH MARKET



JOI CHOI

Joi Choi is slow bolting

- White stem hybrid Pak Choi
- Slow bolting and uniform growth. Performs well where bolting is normally a problem for Pak Choi
- A very versatile variety

Sow	Harvest
All Year	All Year

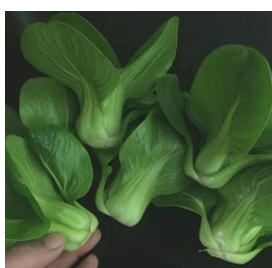


NIPPER

Nipper has striking contrast between the white stem and dark green leaf

- Compact baby white stem Pak Choi
- Erect leaf habit, strong plant and very uniform
- All year production with maturity between 45-60 days depending on location and season. Stronger against bolting than most dwarf types

Sow	Harvest
All Year	All Year



PAKMAN

Pakman is a baby sized green stem Pak Choi

- Beautiful presentation with erect foliage and hour-glass shape
- Excellent quality with uniform size and colour
- 45-60 days from sowing depending on season and location

Sow	Harvest
September to February	November to May



PARADE

Parade has a beautiful hour-glass shape

- Excellent dark green colour, similar to market standard Showman
- Versatile variety with nice shape
- Suited to late spring through until mid winter harvest dependent on location

High Resistance to: Pb

Sow	Harvest
October to mid June	December to August

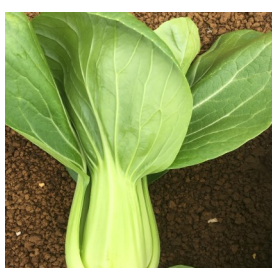


PINCH

Pinch is a dwarf sized white stem Pak Choi

- Suited to late spring to early winter harvest
- Good quality with uniform size and dark green leaves
- 45-60 days from sowing depending on season and location

Sow	Harvest
October to mid April	November to May



SHOWMAN

Showman medium - large sized market standard

- Green stemmed Pak Choi with resistance to clubroot
- Versatile variety with the ability to be grown all year round
- Good size and uniform shape

High Resistance to: Pb

Sow	Harvest
All Year	All Year



TWEAK

Tweak has a beautiful dark green to white contrast, slightly larger in size

- Uniform vigorous plants, highly marketable
- Upright dwarf Pak Choi with broad, thick, white petioles and dark green glossy leaves
- Direct drill spring / summer / autumn

Sow	Harvest
October to mid June	December to August



ENTSAI - BAMBOO LEAVED *Impomea aquatica*

Entsai is tolerant to heat

- Very vigorous under warm damp conditions, can be planted in hot season
- Long hollow stem with light green, arrow shaped leaves
- Very nutritious and good for stir-fry. Summer only
- Maturity approximately 10 weeks

Sow	Harvest
October to February	December to April



CHOY SUM - BRISK

Brisk harvests spring to early winter

- Harvest young stalks when bolting
- Harvest approximately 35-50 days after sowing
- Strong leaf and excellent stem thickness

Sow	Harvest
October to April	November to June



CHOY SUM - RAPID

Rapid harvests mid-late summer to spring

- Harvest young stalks when bolting
- Harvest approximately 40-50 days after sowing
- Dark green glossy leaf, thick stem and good leaf

Sow	Harvest
November to Sept	January to November



CHOY SUM - ZIPPY **NEW**

Zippy (CGA 2059) harvests all year round

- Harvest young stalks when bolting
- Harvest approximately 45-55 days after sowing
- Dark green glossy leaf, thick stem and good leaf

Sow	Harvest
All Year	All Year



GAI CHOY

Gai Choy has a slight mustard flavour

- Strong vigorous plant with good bolting tolerance
- Pick either leaf or whole plant
- Maturity: 40-60 days location dependent. Direct sowing is best

Sow	Harvest
All Year	All Year



MUSTARD BAO SIN KAI TSAI

Bao Sin Kai Tsai is a heading mustard

- Dwarf habit, short leaves
- Petioles are thick, flat short and wide
- Large heads are tender and crisp

Sow	Harvest
All Year	All Year



KAILAAN - HANJI

Hanji has excellent eating qualities

- Later maturing
- Thick, solid but succulent stems

Sow	Harvest
All Year	All Year

CHINESE GREEN - FRESH MARKET

**KAILAAN - ORIGAMI**

Origami has a long harvest period

- Vigorous, produces some side shoots
- Broad leaves with short internodes
- Later maturing

Sow	Harvest
All Year	All Year

**KAILAAN - YOSHI**

Yoshi is a hybrid with excellent uniformity year round

- Harvest young stalks when bolting
- Harvest approximately 40 days after sowing in summer
- Franklin growers are using this variety year round
- Not resistant to Downy mildew but good tolerance

Sow	Harvest
All Year	All Year

CUCUMBER - GHERKIN

**DESIRE *Cucumis anguria***

Desire has long fruit great for processing

- Vigorous vine with extended harvest
- Long fruit with 5-1 ratio
- Suitable for greenhouse production, parthenocarpic

Intermediate Resistance to: CCa, CMV, Pcu

Sow	Harvest
September to January	January to April

**SASKWATCH *Cucumis anguria***

Saskwatch has very good processing quality

- Early maturing variety with excellent yield potential
- Slim fruit shape with excellent dark green colour
- High level of field tolerance to Downy mildew

Intermediate Resistance to: Px, Pcu

Sow	Harvest
September to January	January to April

CUCUMBER - SNACK (INDOOR)

**NIBBLES *Cucumis sativus***

Nibbles is perfect for lunch boxes or snacking

- Multi fruited variety with 2-4 fruit per node depending on light levels
- 8-10cm long with smooth skin and excellent dark green colour

Intermediate Resistance to: Px, CVYV

Sow	Harvest
Spring to late Summer	Mid Spring to Autumn

CUCUMBER - MINI (INDOOR)

**ELATE *Cucumis sativus***

Elate is a Beit Alpha/Lebanese cucumber

- 16-18cm long dark green, 1-3 fruit per node
- Excellent eating qualities
- Spring-summer-early autumn harvest

Intermediate Resistance to: Px, CMV

Sow	Harvest
August to February	October to May

Changes to MPI import regulations for all Cucurbita species may cause some changes to available products as testing for CGMMV & KGMMV (Cucumber & Kyuri Green Mottle Mosaic Viruses) are now required.

CUCUMBER - SLICING (INDOOR)



DELITE

Delite for all year round production under cover

- Productive slicing cucumber for year round production under cover
- Strong plant structure
- Able to handle cooler growing conditions

Sow	Harvest
All Year	All Year

CUCUMBER - TELEGRAPH (INDOOR)



AURA

Aura is suited to spring-summer-autumn harvest

- Well shaped 30-34 cm long straight dark green fruit
- Broad temperature range, works well in adverse conditions of heat and cool
- Delivers very high yield in kilos and pieces

High Resistance to: Ccu, CVYV **Intermediate Resistance to:** CMV, CYSDV, Px

Sow	Harvest
E Spring to late Summer	Mid Spring to Autumn



ILLUSION

Illusion is suited to autumn-winter-spring harvest

- Well shaped 32-35 cm long fruit with minimal neck
- Variable growing period but recommended for cool season crops where long fruits of high quality are required
- Showing good tolerance to Fusarium

Intermediate Resistance to: Px, CYSDV

Sow	Harvest
L Summer to late Winter	Autumn to Spring



MIRAGE

Mirage is suited to mid spring-summer-autumn harvest

- Well shaped 33-35 cm long fruit
- Easily balanced plant with regular fruit set
- Popular variety

High Resistance to: Ccu, CVYV **Intermediate Resistance to:** CYSDV, CMV, Px

Sow	Harvest
L Winter to E Summer	Mid Spring to Autumn

EGGPLANT



SIMPSON (INDOOR)

Simpson has very attractive glossy black high quality fruit

- Oval, teardrop shape with glossy, deep aubergine coloured skin
- Firm with good shelf life. Suitable for covered crops
- High yields. Average weight 350gm. Spineless calyx

High Resistance to: Px, Pcu

Sow	Harvest
All Year	All Year



SUSSEX IMPROVED

Sussex has a nearly black skin

- Very productive and versatile with shiny, firm fruit
- Long teardrop shape with nearly black skin
- Outdoor or low input covered crops

Sow	Harvest
Spring	Summer

HERBS - GENERAL

**ANISE HYSSOP**

Liquorice/minty flavour used in both savoury and sweet cooking. Medicinal uses too.

**BASIL - LARGE SWEET GENOVESE**

Vigorous growth with large glossy leaves and intense flavour. Market standard.

**BASIL - MAJESTIC**

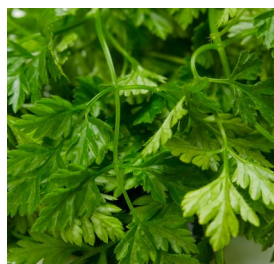
Compact. Dark green colour. Handles cool. Strong sweet aroma. **HR to:** Fusarium

**BASIL - THAI**

Quick to mature, robust, high yields. Great anise flavour. Purple stem.

**BRONZE FENNEL**

Non bulbing fennel with sweet aroma and aniseed flavour.

**CHERVIL**

Tender, highly aromatic with pleasant spicy taste. Light green, fern like leaves.

**CHIVES**

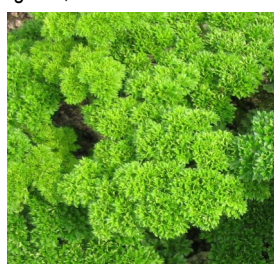
Medium-fine chive. Mild onion flavour that gets stronger with maturity.

**CORIANDER**

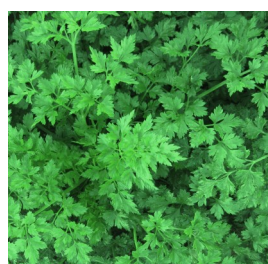
Popular herb. Fine, feathery bright green leaves. Highly aromatic. All year round.

**DILLICIT**

Feathery leaves with a delicate aniseed flavour. Good tolerance to soil diseases.

**PARSLEY - AWARD**

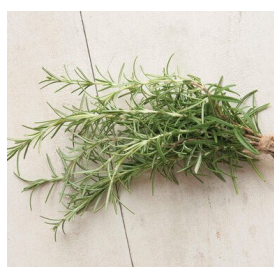
Triple curled dark green foliage with good flavour. This is the industry standard.

**PARSLEY ITALIAN - CAROUSEL**

Leaves are broad and flat, and have a smooth flavour.

**POT MARJORAM**

Classic Oregano. Aromatic leaves in mid green. Shrubby compact plant.

**ROSEMARY**

Fragrant, popular, hardy.

**THYME - ENGLISH WINTER**

The most widely grown thyme. Small dark green leaves.

**WATERCRESS**

Sow spring-autumn. Produces tender leaves & stems. Spicy flavour.

There are a large range of herbs available - if there is one you require please let us know - we may already have it in stock or will endeavour to source it for you.

HERB - ROCKET



**ROCKET
(STANDARD)**

Eruca sativa. Classic rocket with rounded leaf shape and gentle lobing. Very quick growing.



**SALAD ROCKET
#2**

Eruca sativa. Variety of standard salad rocket with more vigour and disease field tolerance.



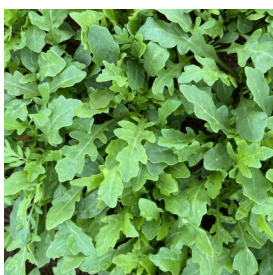
**ROCKET WILD
CHANUI**

Diplotaxis. Main season and into autumn or all year round production under cover. Slower bolting, flavourful.



**ROCKET WILD
FERNANDO**

Diplotaxis. Vigorous, fine leaf. Summer outdoors or all year round production under cover.



**ROCKET WILD
HARNEY**

Diplotaxis. Good field tolerance to Downy mildew. Summer outdoors or all year round production under cover.



**SPEEDY ROCKET
SWIFT**

Eruca sativa. Looks like wild rocket, excellent vigour, uniformity and disease field tolerance.

KOHLRABI



KOHLRABI GREEN F1

Kohlrabi Green is slow to bolt or split

- High quality pale green globed bulb with erect leaves
- Versatile variety for early or main crop use
- Slow to bolt or split and with good texture, 75-80 days maturity in summer

Sow	Harvest
All Year	All Year



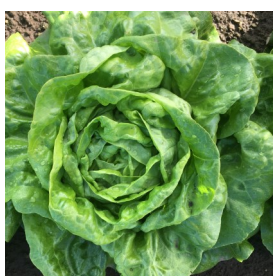
KOHLRABI RED F1

Kohlrabi Red has good red/purple colour

- Early maturing purple globed bulb
- Versatile harvest period
- Very uniform shape

Sow	Harvest
All Year	All Year

LETTUCE - BUTTERHEAD



ALPINE

Alpine presents beautifully. Field or hydroponic production

- Shiny dark green leaf with slight blister to leaf
- Exceptional uniformity and attractive presentation

High Resistance to: BI 1-28, 30,31 Nr:0

Sow	Harvest
All Year	All Year

LETTUCE - COS



CRACKLE

Crackle is a smaller Coscrunch type

- Slightly blistered boat shaped leaves
- Very adaptable and holds well in the field
- High leaf numbers

High Resistance to: BI 1-27,30-32

Sow	Harvest
All Year	All Year



LEG 2094 **NEW**

LEG 2094 is a little gem - red to the heart

- Intense red colour from outside right to the heart
- Unique presentation
- Spring through to autumn harvest

High Resistance to: BI 1-37

Sow	Harvest
L July to M January	L spring to early winter



PIXIE

Pixie is a sweet little gem

- Good vigour and excellent disease package
- Sweet to taste with a blistered leaf
- Great uniformity and very consistent. Presents beautifully
- Good in both hydroponics and field

High Resistance to: BI 1-31, Nr:0, LMV

Sow	Harvest
L July to M January	L spring to early winter



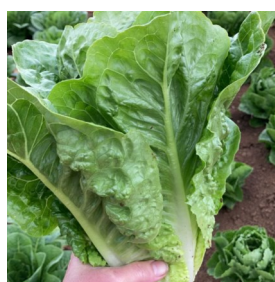
RED FRAY

Red Fray a stunning little red gem

- Gem-mini sized cos with heart and excellent flavour
- Slight blister to leaf gives attractive presentation
- For field production. Single or twinpack
- Good resistance to bolting and tipburn

High Resistance to: BI 1-29,30,32,31

Sow	Harvest
July to late February	L spring to L winter



TUMI

Tumi is a large open head cos

- Slightly blistered leaves vibrant colour
- Very adaptable, holds well in field
- Extended harvest periods from autumn through to spring

High Resistance to: BI 1-27, 30-32

Sow	Harvest
January to E June	Autumn to E spring

LETTUCE - CRISP



HAUPIRI

Haupiri is suited to late spring harvest

- Good adaptability for cool to warm shoulder season
- Neat frame and small butt. Medium to dark green with some blister
- Medium large flat round head. Well wrapped

High Resistance to: BI 1-24,27,28

Sow	Harvest
Late May to late September	M October to early December

LETTUCE - CRISP



HAWEA

Hawea has good wrapper leaves and excellent uniformity

- Good adaptability for warm to cool shoulder season
- Neat frame and butt. Medium to dark green with some blister
- Medium large flat round head. Excellent for bagging

High Resistance to: BI 1-24,27,28

North: Sow	Harvest
December to January	Late March to E May



KAHIKA

NEW

Kahika summer harvest period with excellent uniformity

- Great adaptability for warm season harvest
- Neat frame and butt. Medium to dark green with some blister
- Medium large flat round head

High Resistance to: BI 1-32

North: Sow	Harvest
M September to L December	January to March



KANIERE

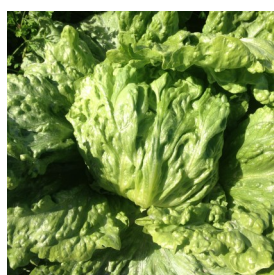
NEW

Kaniere has excellent consistent uniformity

- Great adaptability for warm to cool shoulder season in North Island
- Neat frame and butt. Medium to dark green with some blister
- Medium large flat round head

High Resistance to: BI 1-32

North: Sow	Harvest
January to March	E May to mid July
South: Sow	Harvest
February to April	October to L November



PUKAKI

Pukaki is very hardy and suited to Winter harvest

- Suited to cool season harvest. Good uniformity and excellent vigour
- Dark green in colour with blister. Neat frame and clean butt
- Medium large flat round head size. Consistent heart fill

High Resistance to: BI 1-19,21,23

Sow	Harvest
February to May	June to September



TAUPO

Taupo is a great summer crisphead with excellent adaptability

- Nice wrapper leaves and great adaptability
- Clean butt and excellent uniformity
- Suited from early to late summer harvest dependent on location

High Resistance to: BI 1-31, Nr:0

North: Sow	Harvest
July to E December	E December to E April
South: Sow	Harvest
September to November	E January to L March



WAKATIPU

Wakatipu is suited to cool season harvest

- Medium sized head and consistent heart fill
- Neat frame and butt. Dark green in colour with leaf blister
- Timing is dependent on location

High Resistance to: BI 1-16, 19-28

Sow	Harvest
March to Mid May	L winter to E spring

*Ask for our Crisphead lettuce production schedule
We have one for every season*

LETTUCE - BABYLEAF / DIRECT DRILL



LEL 8566

Multileaf triple red Lollo Rossa



LEL 5693

Multileaf Green Batavia/Tango



LEL 8618

Dark green Multileaf



LEL 9178

Multileaf green Tango



LEL 2581

Dark red Multileaf



LEM 8565

Dark red Cos, glossy. Good leaf shape



LEL 9983

Multileaf dark red Oak



LEL 5718

Dark red Multileaf/Tango type

LETTUCE - FANCY / HEAD



CRUISER

Cruiser has tolerance to tip burn and bolting

- Excellent green Lollo Bionda type
- Very vibrant green colour with excellent volume
- Versatile harvest window

High Resistance to: Bl 1-25

Sow	Harvest
All Year	All Year



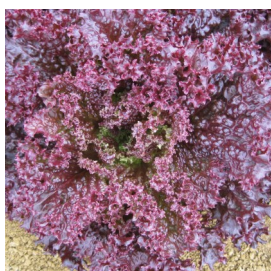
EMERALD

Emerald has a broad thick leaf

- Wide leaf with spiky edge like a Tango type
- Amazing shelf life

High Resistance to: Bl 1-25

Sow	Harvest
All Year	All Year



LIBERATION

Liberation is a triple red Lollo Rossa

- Suitable for full head production
- It has a fine cut scar
- Glossy leaves with some blister

High Resistance to: Bl 1-28, 30, 31, Nr:0, Fol:1

Sow	Harvest
All Year	All Year

From Gautier we have a range of Nasonovia resistant lettuces



LETTUCE - FANCY / HEAD



RED EPICURE

Red Epicure has a lovely gloss to the leaves

- Double red oak leaf suitable for full head production
- Good red to green contrast and a full voluminous head
- Reasonably fine lobed, adaptable variety

High Resistance to: Bl 1-31, Nr:0, LMV

Sow	Harvest
All Year	All Year



VERDANT

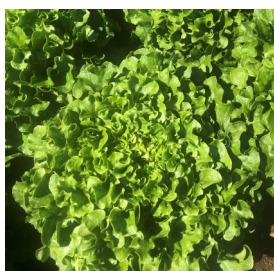
Verdant is a green batavia

- Easy to harvest due to butt held off ground
- Dense head producing good weight
- Ideally suited to spring and autumn

High Resistance to: Bl 1-32,34, Nr:0 **IR to:** LMV:1

Sow	Harvest
All Year	All Year

LETTUCE - MULTILEAF



GROOVY

Groovy is a Batavia/Oak cross

- Dark green colour
- Large round head, good thick leaf means high yield
- High vigour, excellent tip burn tolerance and field holding

High Resistance to: Bl 1-32, Nr:0

Sow	Harvest
All Year	All Year



RANGI

Rangi is a triple red colour

- Dark red oak leaf
- Suitable for baby leaf and processing
- Very adaptable, used all year round

High Resistance to: Bl 1-25

Sow	Harvest
All Year	All Year



TOOT

Toot is a dark green Italian Oak

- Shiny dark green thick leaves
- Non hearting
- Well suited to processing

High Resistance to: Bl 1-25

Sow	Harvest
All Year	All Year

MELON - ROCK



AUROS

Aurous is a sutured melon with extended shelf life. Early - second early harvest

- Sutured oval melon with medium rosey net and small seed cavity
- Yields well, with good fruit numbers, shipping and storage ability
- Strong vine, easy fruit set
- Weight 1.5 - 1.8kg average

High Resistance to: Fom:0-2, Px

Sow	Harvest
Spring	Summer

MELON - ROCK



INCA **NEW**

Inca is a sutured melon with extended shelf life (ESL)

- Sutured melon with mild rosey net and medium small cavity
- Yields well, with good fruit numbers, shipping and storage ability
- Strong vine, good canopy cover
- Great flavour with 12-14°Bx. Weight 1.6-1.8kg

High Resistance to: Fom:0,1,2, Px:1,2, Gc:1,2

Sow	Harvest
Spring	Summer



MAYAN GOLD

Mayan Gold is a sutured melon with long shelf life (LSL)

- Sutured melon with mild rosey net and medium small cavity
- Yields well, with good fruit numbers, shipping and storage ability
- Strong vine, good canopy cover. Harvest main and late season.
- Great flavour with 12-14°Bx. Weight 1.6-2.0kg

High Resistance to: Fom:0,1,2, Px:1,2, Gc:1,2

Sow	Harvest
Spring	Summer



OLMEC **NEW**

Olmec is a sutured melon with long shelf life (LSL)

- Sutured melon with mild rosey net and medium small cavity
- Yields well, with good fruit numbers, shipping and storage ability
- Strong vine, good canopy cover. Harvest main and late season.
- Great flavour with 12-14°Bx. Weight 1.6-2.0kg

High Resistance to: Fom:0,1,2, Px:1,2, Gc:1,2

Sow	Harvest
Spring	Summer

MELON - GALIA



GREEN GOLD

Green Gold is firm and sweet with extended shelf life (ESL)

- Round, tight net and green flesh, medium weight 1.5-1.8kg
- Vigorous plant, high yielding and medium early maturity
- High brix of 14°Bx. Cavity is medium small

High Resistance to: Fom:0,1,2, Px:1,2, Gc

Sow	Harvest
Spring	Summer

MELON - SPECIALTY



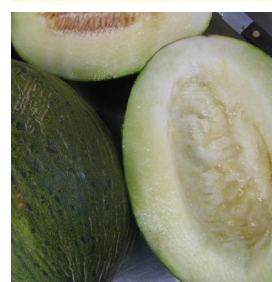
BUDGIE

Budgie is a canary type, used in Spain

- A beautiful yellow ruffled skinned melon
- White flesh with a sweet fresh taste
- Melon weight 1.8-2kg with 13-14°Bx

High Resistance to: Fom:0,1 **IR to:** Px:1,2

Sow	Harvest
Spring	Summer



MERCY

Mercy is a Piel de Sapo type popular in Spain

- This is suited to main and late season harvest
- Flesh is light green in colour with great flavour
- Extremely high 15-16°Bx and weight 1.8-2.2kg

High Resistance to: Fom:0,1 **IR to:** Px:1,2

Sow	Harvest
Spring	Summer

MICRO LEAF

MICRO LEAF



BORAGE



BASIL SWEET



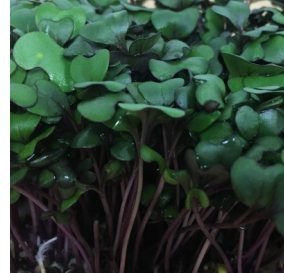
BASIL RED



**BLUE
NASTURTIUM**



BROCCOLI



**CABBAGE
REDFIRE**



CORIANDER



CRESS GREEK



DILLBIT



**ONION
LONGKEEPER**



PEA SNOW



PEA TENDRIL



**MUSTARD
RED DAME**



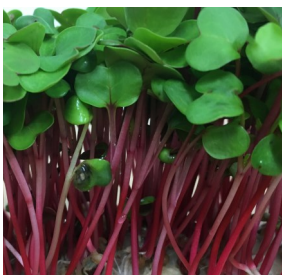
**MUSTARD
WASABI**



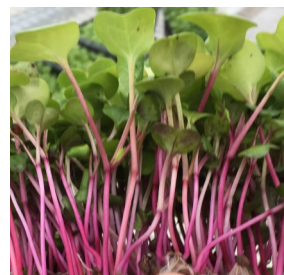
**RADISH
DAIKON**



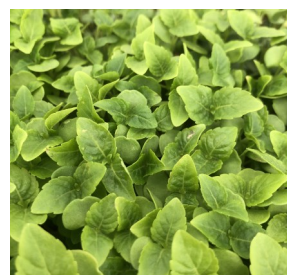
RADISH SANGO



RADISH REEF



RADISH ROYAL



SHISO GREEN



SHISO RED

*A selection of our most popular microleaf products
- many more in stock so please ask if you are
looking for something not listed.*

ONION - BULBING



ASHWIN F1

Ashwin is bronze/copper in colour

- Approximate maturity one week earlier than ELK types
- Nice globe shape, good skin numbers and skin retention
- This onion is firm and has good storage potential, up to 4-5 months

Sow	Harvest
15 May to 10 June	December to January



COMET F1

Comet is an early type with excellent colour

- Fits in the Ayoba sowing segment but is 7-10 days earlier maturing
- Very firm, with good skin retention and skin numbers. Excellent colour
- Medium storage

Sow	Harvest
10 May to 10 June	December to January



DEV F1

NEW

Dev is an early short day type

- Excellent shape for an early overwintering type
- Storage as good as any in this market segment
- Mid - light brown colour with reasonable skin retention

Sow	Harvest
15 April to 5 May	November to December

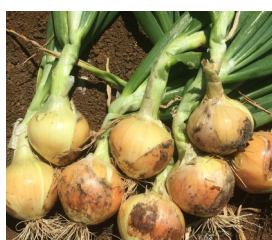


DHONI F1

Dhoni is a early-mid short day type

- Similar sowing and harvest window to Kohli
- Matures slightly earlier than Kohli
- Has slightly better shape and skin retention
- Storage 3-4 months

Sow	Harvest
Early May to late May	L November to December



DRAUID F1

Drauid is a first early overwintering type with excellent colour

- Mid brown in colour and a slightly flattened globe shape
- Firm, with good skin retention and skin numbers
- Storage 2-2.5 months

Sow	Harvest
Late April to 15 May	M November to December



KOHLI F1

Kohli has a bronze to straw brown colour

- Hybrid short day, May sowing
- Granex to high round globe of medium size
- Storage 2-2.5 months

Sow	Harvest
Early May to late May	L November to December



KUMBLE F1

NEW

Kumble has excellent globe shape

- Firm with mid brown colour
- Competes very well in this segment
- Storage 2-3 months

Sow	Harvest
1 May to 15 May	M November to December

Every one of the varieties in this catalogue has been tested by us under New Zealand climatic conditions

ONION - BULBING



LAXMAN F1

Laxman is a great early overwintering/short day brown onion

- Very uniform in size with good tight skins
- Excellent bronze/copper colour
- Medium-large in size with a very slight flat shape
- Firm with 2-3 good skins

Sow	Harvest
E May to mid May	L November to M December



RED ORB F1

Red Orb is a PLK type with excellent colour and storage

- Matures 7 days earlier than similar hybrids sown same period
- Very uniform in size with thick good quality skins
- Consistent globe shape, firm bulbs and stores 6+ months
- Great colour, dark red external with good internal dark red

Sow	Harvest
10 August to 10 September	February to March



RED ORBIT F1 **NEW**

Red Orbit is a red overwintering short day type

- Excellent internal red coloured rings
- Uniform size and shape
- Medium sized and slightly more globed shape than Red Planet
- Surprisingly firm with 2 good skins

Sow	Harvest
Late April to May	L November to December



RED PLANET F1

Red Planet is a great overwintering/short day red onion

- Very uniform in size with good skins
- Excellent red colour, both internally and externally
- Medium-large in size with a slightly flat shape
- Firm with 2 good skins

Sow	Harvest
Late April to May	L November to December



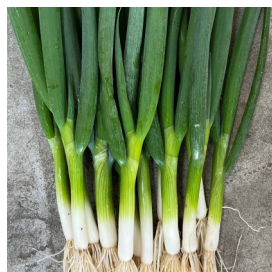
TITAN

Titan has excellent uniformity and yield

- Maturity similar to PLK types
- Ability to produce excellent yields because of its strong vigour
- This onion has excellent shipping and long storage capabilities
- Very good skin retention with three good skins

Sow	Harvest
20 July to 30 August	February to March

ONION - BUNCHING



CYCLONE F1 **NEW**

Cyclone is versatile for year round harvest

- Excellent uniformity
- Dark green leaf and excellent white stems
- Very adaptable and a strong plant

High Resistance to: Pd

Sow	Harvest
All Year	All Year



ENDURANCE

Endurance is versatile for year round harvest

- Handles summer heat and winter cold!
- Excellent length of white stem topped with dark green leaf
- Hardy variety with resistance to splitting

High Resistance to: Pd

Sow	Harvest
All Year	All Year

ONION - BUNCHING

**GLACIER F1**

Glacier is an excellent cool season harvest hybrid

- This hybrid variety is very vigorous
- Dark green blue leaf with good length
- Beautiful shank length and easy peel
- Excellent uniformity

Sow	Harvest
Autumn Winter	Winter and E Spring

**POLAR F1**

Polar is virtually a 12 month harvest hybrid

- Extremely uniform plants
- Blue green foliage, erect
- Good stem length, white and easy peel

Intermediate Resistance to: Pd

Sow	Harvest
All Year	All Year

**TORNADO F1** **NEW**

Tornado is an all year round harvest variety

- Extremely uniform plants
- Erect blue green foliage
- Good stem length, with strong roots and leaf tips

Intermediate Resistance to: Pd

Sow	Harvest
All Year	All Year

PEA - GARDEN

**GREEN FEAST**

Green Feast has even pods and excellent flavour

- An all-time favourite heirloom pea!
- Main season variety producing very heavy crops of large 9cm pods
- Plants need the support of crossed stick or mesh to grow into

Sow	Harvest
Spring	Summer

**GREENPOWER & STEADFAST**

Greenpower is 10 days later maturing than Greenfeast

Steadfast is 3 days later maturing than Greenfeast

- Both have potentially very good yields
- Widely adaptable, popular varieties
- Both have concentrated setting and therefore more uniform harvest
- These varieties as indicated by maturity are not for early season

Sow	Harvest
Spring	Summer

**MASSEY**

Massey is the market standard

- Early dwarf style garden pea with pointed pods
- Widely adaptable, popular variety
- An excellent cropper that doesn't require staking

Sow	Harvest
Spring	Summer



PEA - SNOW



MADISON

Madison has very sweet, and crunchy with stringless pods

- Bright green glossy 100-120mm x 15mm
- Medium strong vigorous vine with good pod set
- Main or late season, or early in Upper North Island regions

Intermediate Resistance to: Ep

Sow	Harvest
Spring	Summer



WASHINGTON

Washington has a shiny vibrant green pods

- Bright green glossy 100-120mm x 15mm stringless pod
- Medium strong vigorous vine with good pod set
- Main or late season, or early in Upper North Island regions

High Resistance to: Ep

Sow	Harvest
Spring	Summer



PEA
Pisum sativum

PUMPKIN



WINDSOR

Windsor is deep shouldered and presents well when cut

- Especially suited for cutting
- Battleship grey exterior with well defined ribs
- Excellent internal colour, high shoulders, small cavity
- Strong vigorous plant. Harvest main to late season. 4-5.5kg



Hybrid Seed Company New Zealand Ltd

Sow	Harvest
Spring	Summer



INVINCIBLE

Invincible has excellent yield

- This variety weighs between 3-4kg and has excellent storage
- Producing a battleship grey fruit with a small blossom scar and seed cavity
- Invincible has a shorter vining habit
- We recommend this follows on from Pacific King in your sowing program

Sow	Harvest
Spring	Summer



PACIFIC KING

Pacific King is an excellent early and main season variety

- Produces a battleship grey fruit weighing 3-3.5kg
- Small blossom scar and seed cavity. A very adaptable pumpkin
- Excellent internal orange colour
- Pacific King has excellent storage ability

Sow	Harvest
Spring	Summer



PUMPKIN
Cucurbita maxima

RADISH - FRENCH BREAKFAST



ROUGE

Rouge can be machine harvested

- Cylindrical bright red radish with white tip
- Good for processing
- Easy to bunch
- Mild flavour

Sow	Harvest
Spring to Summer	Summer to Autumn

RADISH - ROUND



ALLROUNDER

Allrounder has a uniform spherical shape

- Excellent tops for bunching
- Strong against cracking
- Good globe shape and cherry red colour
- Suited to All year round harvest

Sow	Harvest
All year	All Year



IGLOO

Igloo has a uniform spherical shape

- Pure white skin and flesh
- Strong against cracking
- Good tolerance to mildew
- For under shelter or open field

Sow	Harvest
Spring to Autumn	Summer to Winter



PURPLE PEARL

Purple Pearl has a deep purple colour - stunning!

- Something a bit different
- Plant vigour is strong with good tops that present well
- Roots are uniform round. All year round production
- Good field tolerance to disease

Sow	Harvest
All year	All Year



SUMMER RED

Summer Red is slow to develop pithy centers

- Cherry belle type with bright red roots and a globe to round shape
- Short tops. Good for bunching
- Can be harvested even when roots become larger
- Suited to late spring through to late autumn harvest

Sow	Harvest
July to February	October to April



YELLOW GLOBE

Yellow Globe has a sandy yellow colour

- F1 giving uniform size and maturity
- Performs very well for winter and spring harvest. All year round production
- Strong plant with good pith tolerance

Sow	Harvest
All Year	All Year



RADISH - DAIKON

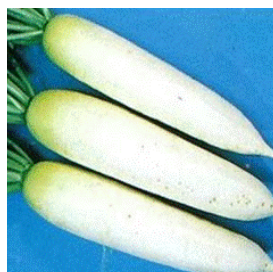


MINOWASE No. 1

Minowase is tolerant to heat

- Length 30-35cm
- Diameter 7-8cm
- Most popular fully white variety
- Has been grown year round in Franklin

Sow	Harvest
Spring to Summer	Summer to early Winter



SNOW CAP

Snow Cap is good quality and slow bolting

- Autumn (winter under cover) and spring sowing
- Very slow bolting and very good quality
- The root is up to 32cm long, white with slight green shoulder
- Has been grown year round in Franklin

Sow	Harvest
Autumn to Spring	Late Spring to Summer



SPARTA

Sparta is a white long with a slight green shoulder

- Slow bolting variety. Trial into winter harvest also
- Vigorous, 7-8cm diameter and 28-32cm long
- Early maturity 60-70 days
- 0.8-1.0kg weight

Sow	Harvest
E Spring to Summer	Summer to Autumn



TROY

Troy is a high quality long white daikon

- Long, all white root with a tapered end
- Slow bolting with excellent uniformity
- Up to 40cm long x 6cm diameter
- Has been grown year round in Franklin

Sow	Harvest
Autumn and Winter	Winter and Spring

We are not just seed sellers; we look, listen, evaluate, and provide the best advice we can based on our knowledge.

ROOTSTOCK



CANDYSTOCK *Cucurbita maxima*

Candy Stock for seeded and seedless watermelon and cucumber

- Squash rootstock, vigorous, excellent disease tolerance
- Very popular line for grafting to a wide range of Cucurbita species
- Easy growing

High Resistance to: Fusarium

SPINACH - BABY LEAF AND BUNCHING

**ACCORDION**

Summer. Smooth, Oriental, very upright. Dark green thick leaf with slight blister. High leaf numbers. Babyleaf and bunching.

High Resistance to: Pe 1-15,17,19

**FLUORITE (PV 1526)**

Shoulder/early winter. Semi savoy. Medium dark green, slightly broader leaf.

High Resistance to: Pe 1-18

**LIMESTONE (PV 1664)**

Shoulder, semi savoy paddle shape, dark green, upright round leaf. Very thick in texture. Medium growth rate.

High Resistance to: Pe 1-18

**OPAL**

Summer. Savoy, round leaf. Slightly faster than Yuma. High yielding.

High Resistance to: Pe 1-19

**PV 1582**

Winter, Oriental. Smooth oblong leaf. Good leaf numbers. Erect habit, holds well. Slight wave to leaf. Suitable for babyleaf and bunching.

High Resistance to: Pe 1-15,17,19

**PV 1800**

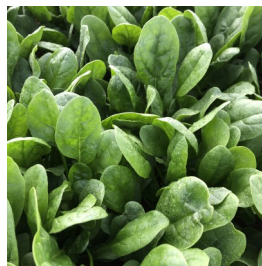
Summer, savoy. Slightly faster than Yuma. Excellent leaf numbers.

High Resistance to: Pe 1-19

**QUARTZ**

Shoulder/early winter. Smooth to light savoy, dark green paddle shaped leaf. Holds leaf size and shape with good leaf thickness resulting in high yields.

High Resistance to: Pe 1-19

**DALLAS**

Winter/shoulder. Smooth dark green, slight wave to edge of rounder leaf, good gloss. Holds well.

High Resistance to: Pe 1-18

**GRANITE (PV 1826)**

Shoulder, fast. Savoy. Dark green thick leaf. Very good yield.

High Resistance to: Pe 1-19

**ONYX**

Shoulder. Semi savoy, quicker than Sioux. Fantastic paddle shape leaf and uniform dark green colour.

High Resistance to: Pe 1-19

**PV 1569**

Summer, semi savoy, more upright. Speed between Yuma and Sioux. High leaf numbers. Holds well.

High Resistance to: Pe 1-18

**PV 1748**

Winter, Oriental. Smooth upright leaf. Fast. Similar to PV 1582.

High Resistance to: Pe 1-19

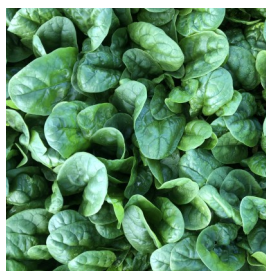
**PV 1868**

Summer, smooth but with some shape to the leaf. Upright, very thick leaf.

High Resistance to: Pe 1-19



SPINACH - BABY LEAF AND BUNCHING



SIOUX

Shoulder /summer but proving to be a very versatile variety. Thick leaf, good colour. Semi savoy. Standout yield for babyleaf.

High Resistance to: Pe 1-15,17,19



TECTONITE (PV 1714)

Shoulder/winter, Oriental, smooth. Erect habit, holds well. Very fast. Stunning.

High Resistance to: Pe 1-18



SKARNE

Shoulder, semi savoy. Uniform, paddle shaped dark green leaves. Good erectness resulting in uniform cut height. High leaf numbers.

High Resistance to: Pe 1-19



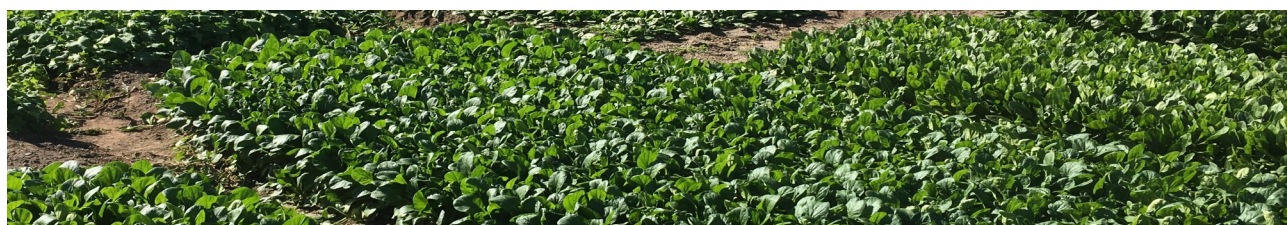
YUMA

Summer/shoulder. Semi savoy leaf, thick leaf. High yielding and a proven performer.

High Resistance to: Pe 1-15,17,19

SPINACH - QUICK REFERENCE GUIDE

	VARIETY	LEAF	Baby leaf	Bunching	Processing	DISEASE RESISTANCES	SPEED
SUMMER	ACCORDION	SMOOTH	*	*		HR: Pe 1-15,17,19	3
	OPAL	SAVOY	*	*		HR: Pe 1-19	3
	PV 1569	Semi SAVOY	*			HR: Pe 1-18	2.5
	PV 1800	SAVOY	*			HR: Pe 1-19	2.5
	PV 1868	SMOOTH	*			HR: Pe 1-19	3
	YUMA	Semi SAVOY	*			HR: Pe 1-15,17,19	2
WINTER	AUSTIN	SMOOTH	*	*	*	HR: Pe 1-18	7
	BASSOON	SMOOTH		*	*	HR: Pe 1-12,14-16,19	
	COCOPAH	Semi SAVOY	*			HR: Pe 1-18	8
	DALLAS	SMOOTH	*	*		HR: Pe 1-18	7.5
	HARP	ORIENTAL	*	*	*	HR: Pe 1-12,14-16,19	8
	PV 1582	ORIENTAL	*	*		HR: Pe 1-15,17,19	8
	PV 1748	ORIENTAL	*			HR: Pe 1-19	8.5
	TECTONITE	ORIENTAL	*	*		HR: Pe 1-18	9
SHOULDER	BANDERA	SMOOTH	*			HR: Pe 1-18	6.5
	FLUORITE	Semi SAVOY	*			HR: Pe 1-18	6
	GRANITE	SAVOY	*			HR: Pe 1-19	6.5
	LIMESTONE	Semi SAVOY	*			HR: Pe 1-18	5.5
	ONYX	Semi SAVOY	*			HR: Pe 1-19	6.5
	PV 1435	ORIENTAL	*	*		HR: Pe 1-15,17,19	6
	QUARTZ	SMOOTH	*			HR: Pe 1-19	7
	SKARNE	Semi SAVOY	*			HR: Pe 1-19	7
	SIOUX	Semi SAVOY	*			HR: Pe 1-15,17,19	6



SQUASH - ASIAN

**JADE, BITTER MELON**

Jade is popular for Indian cuisine

- This hybrid variety is early (55-65 days), vigorous, and easy fruiting
- The bright green rind is very warty
- Fruits are 30cm long, with a diameter 6-7cm and weigh 600-700gm
- Suitable for salads and cooking

Sow	Harvest
Spring	Summer

**PATINA, BITTER MELON**

Patina is often referred to as Balsam Pear

- This hybrid is early, vigorous and easy fruiting
- Fruits are beautifully shaped
- 25cm long by 7cm wide, weighing up to 600gm

Sow	Harvest
Spring	Summer

SQUASH

**KOISURU MARRON**

Koisuru Marron is a dry fleshed Ajihei type

- Dark green rind and deep yellow flesh
- Good flavour
- Used predominately for export, average 2kg
- Adaptable and can be used for fresh market

Sow	Harvest
Spring	Summer

**KURIFRESH**

Kurifresh is a mid range dry type

- Strong vining, mid maturity type
- Fruit 1.5-2kg and deep flat in shape, great flavour
- Excellent external black colour and bright yellow internal colour

Sow	Harvest
Spring	Summer

**SUPERMARKET SELECT**

Supermarket Select has excellent storage

- A high round, dark green main season supermarket squash
- Excellent yielding and slow to turn orange
- Reputable strain with strong market support

Sow	Harvest
Spring	Summer

**SWEET MAMA**

Sweet Mama is excellent for the early harvest market

- Semi bush buttercup squash
- Dark fruit, and early maturing
- Sweet with a deep yellow internal colour

Sow	Harvest
Spring	Summer

Changes to MPI import regulations for all Cucurbita species may cause some changes to available products as testing for CGMMV & KGMMV (Cucumber & Kyuri Green Mottle Mosaic Viruses) are now required.

SQUASH - BUTTERNUT



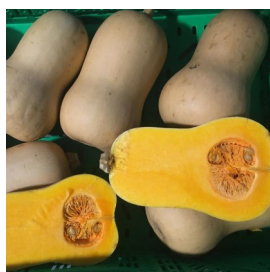
JURASSIC F1 BUTTERNUT

Jurassic is an early maturing variety

- Excellent yielding for early and main season production
- Longer neck and smaller seed cavity than OP lines
- Strong vining plant with good fruit set
- Fruit weigh 1.2-2.3kg. Very good storage 3-6 months

Intermediate Resistance to: Px

Sow	Harvest
Spring	Summer



T-REX F1 BUTTERNUT

T-Rex is a very uniform hybrid butternut

- Excellent yielding main season variety, 10% + over OP lines
- Longer neck and smaller seed cavity than OP lines
- Strong vining plant with good fruit set
- Fruit weigh 1.2-2.3kg. Very good storage 3-6 months

Intermediate Resistance to: Px

Sow	Harvest
Spring	Summer



WALTHAM BUTTERNUT

Waltham Butternut has superior uniformity

- An excellent strain of Waltham selected under strict criteria
- Fruit uniformity superior to other strains, 1.5-2kg
- 4 months storage

Sow	Harvest
Spring	Summer

SQUASH
Cucurbita moschata

SWEETCORN - YELLOW



GRENADEIR

Grenadier is a mid maturity yellow supersweet

- Excellent sturdy plant. High yield, good holding
- 18cm cob with good tipfill and excellent kernel colour
- Plant early to end of season

High Resistance to: Ps

Sow	Harvest
September to December	February to April

SWEETCORN - BICOLOUR



NIRVANA

Nirvana has early maturity and a wide harvest window

- Excellent eating quality with sweet, creamy kernels
- Nice 20cm cob with good tipfill, husk cover and flag leaf
- Strong medium size plant and easy snap for hand pick

Intermediate Resistance to: Ps, Et, MDMV

Sow	Harvest
September to December	January to L April



LAUNCH

Launch is an excellent bicolor for fresh market

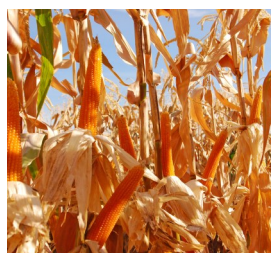
- Nice 19cm cob with good tipfill, husk cover and flag leaf
- 80-85 day maturity. Well presented, easy to snap pick
- Small to medium plant. Great disease package

High Resistance to: Ps:d,g,f,j **IR to:** Et, MDMV

Sow	Harvest
September to December	January to L April

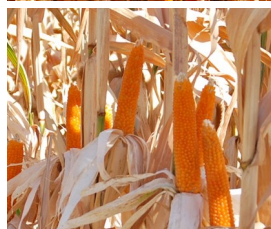
SWEETCORN
Zea mays

POPCORN

**BUTTERFLY - R128YH**

- Gourmet eating popcorn with minimum hull
- Mid-high expansion of 44 MWVT **IR to:** Ps, Et (NCLB)

Sow	Harvest
Spring	Summer

**BUTTERFLY - R502**

- High expansion of 50+ MWVT
- Strong plant with excellent disease resistance
- High Resistance to:** Ps, Et (NCLB), GLS

Sow	Harvest
Spring	Summer

**BUTTERFLY - R606**

- Mid to full season, expansion 42 MWVT
- High Resistance to:** Ps, Et (NCLB)

Sow	Harvest
Spring	Summer

MUSHROOM - R400MR

- A superior mushroom variety, expansion 34 MWVT, early - mid season
- High Resistance to:** Ps, Et (NCLB)

Sow	Harvest
Spring	Summer

For more technical information on popcorn please contact your local sales manager

TOMATO - OUTDOOR OR COVERED CROP

**ARENA IMPROVED (Determinate)**

Arena is an outdoor roma

- Mid-early season variety, wide adaptability
- Vigorous bush with good fruit cover and excellent setting
- Intense red colour, thick flesh, average fruit weight 120gm

High Resistance to: Va:0/Vd:0, Fol:0-1 **IR to:** Ma/Mi/Mj

Sow	Harvest
Spring	Summer

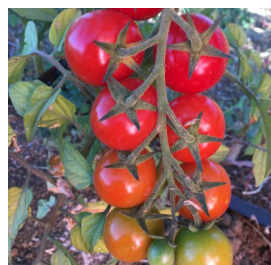
**BRIDAL (Determinate)**

Bridal is an outdoor large round

- Early maturing variety
- Vigorous bush with good fruit cover and excellent setting
- Firm flesh, deep round shape. Long shelf life, fruit weigh 160-190gm

High Resistance to: Va:0/Vd:0, Fol:0-1 **IR to:** Ma/Mi/Mj

Sow	Harvest
Spring	Summer

**EMBER (Indeterminate)**

Ember is a round cherry with good colour

- Indeterminate round cherry on fishbone truss
- 12 + fruit per truss averaging 20-25gm per fruit
- Short internodes. Medium early. Long shelf life

High Resistance to: ToMV:0, Fol:0-1, Pst, Ma/Mi/Mj

Sow	Harvest
Spring	Summer

**QUEEN (Indeterminate)**

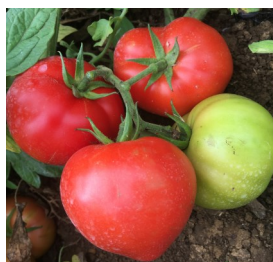
Queen is popular for its great flavour

- 140gm firm long shelf life fruit that can be truss picked
- Vigorous plant for outdoors or low input greenhouses
- Harvest through summer and autumn

High Resistance to: ToMV:0, Fol:0-1, For, Va/Vd

Sow	Harvest
Spring	Summer

TOMATO - OUTDOOR OR COVERED CROP



RHODES (Determinate)

Rhodes is very productive

- Large round deep red fruit averaging 200gm
- Good firmness and texture
- Mid-early maturity. Tends to be semi determinate in hot conditions

High Resistance to: ToMV:0-2, Fol:0-2, Va:0/Vd:0 **IR to:** TLYCV, Ma/Mi/Mj

Sow	Harvest
Spring	Summer



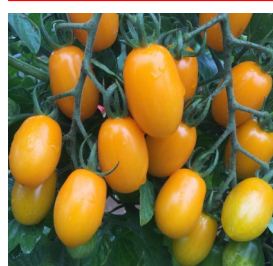
SAUCY (Determinate)

Saucy is a brilliant cooking tomato

- Very early maturing variety
- Medium vigour bush with good fruit cover and high tolerance to rain
- Blocky round shape, fruit weigh 60-70gm. High brix

High Resistance to: Va:0/Vd:0, Fol:0-1, Pst

Sow	Harvest
Spring	Summer



SWEETGOLD (Indeterminate)

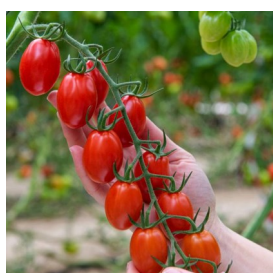
Sweetgold is a beautiful yellow cherry plum

- Great colour for salads, flavorful with 10-11°Bx
- Wide trusses, 20-25gm fruit reasonably tolerant to cracking
- For outdoor or covered crops

High Resistance to: ToMV:0, Fol, Va:0/Vd:0, Ma/Mi/Mj

Sow	Harvest
Spring	Summer

TOMATO - INDOOR SNACKING (Indeterminate)



AMANTYNO (Mini Plum)

Amantyno has excellent taste and presentation

- Loose or truss pick, 10-12 fruits, 20gm mini plum
- 9°Bx, balanced flavour, bright red elongated fruit
- Long crop hardy vine, strong tolerance to cracking
- Early into production, high yields

High Resistance to: ToMV:0, Fol:0-1, Pf:A-E **IR to:** TLYCV, Ma/Mi/Mj

Sow	Harvest
All Year	All Year



DELICASSI (Mini San Marzano)

Delicassi has a cylindrical plum shape

- 10 + fruit per truss averaging 20-25gms each, truss or loose pick
- Excellent 8°Bx, very firm, very bright red fruit
- For indoor production

High Resistance to: ToMV:0, Fol:0-1, Va:0/Vd:0 For, Pf:A-E **IR to:** Ma/Mi/Mj

Sow	Harvest
All Year	All Year



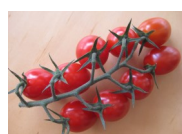
MACARON (Brown Cherry)

Macaron is delicious brown cherry

- Loose pick 12-14gm brown cherry
- Lovely shiny colour with crunchy texture and sweet taste
- Excellent yield, burst tolerant

High Resistance to: ToMV:0-2, Fol:0, Pf:A-E **IR to:** Ma/Mi/Mj

Sow	Harvest
All Year	All Year



TOMATO - INDOOR SNACKING (Indeterminate)

**RAZOLO (Mini Plum)**

Razolo is a orange cherry plum

- Beautiful orange colour 10-14gm
- Lovely colour addition in a mixed pack
- Nice fruity flavour with good fruit quality

High Resistance to: Va:0/Vd:0, Fol:0

Sow	Harvest
All Year	All Year

**REXIANY (Cherry)**

Rexiany is a 12-16gm truss cherry

- Early flowering, nice fishbone truss, prune to 12-14 fruit
- Crunchy, flavourful, nice colour
- Strong plant, easy to manage

High Resistance to: ToMV:0-2, Va:0/Vd:0 Pf:A-E **IR to:** Pn, Ma/Mi/Mj

Sow	Harvest
All Year	All Year

 **axia**
vegetable seeds

**SWEEDOR (Cherry)**

Sweedor is a delicious yellow cherry

- Round cherry on fishbone truss, excellent uniformity
- Can be picked as a truss with average weight of 12-14gm each
- Deep yellow colour fruits with good brix and flavour

High Resistance to: ToMV:0-2, Va:0/Vd:0 Fol:0, Pf:A-E **IR to:** Ma/Mi/Mj

Sow	Harvest
All Year	All Year

**TCH 6057 (Mini Plum)**

TCH 6057 has resistance to TSWV & TYLCV

- Mini Plum with deep red 10-15gm fruit, 8-9°Bx and good flavour
- Medium early production with total high yield
- Great range of disease resistances

HR to: ToMV:0-2, Va:0/Vd:0 Fol:1-2, Pf:A-E **IR to:** TLYCV, TSWV, Ma/Mi/Mj

Sow	Harvest
Spring	Summer

**TIBURTYNO (Cherry)**

Tiburtyno has strong genetic tolerances, suited to low tech greenhouses

- Round 15-20gm, intense bright red fruit 14-18 per truss
- Regular internodes and abundant trusses
- Transplant early spring
- High flavour

High Resistance to: ToMV:0-2, Fol:0-1 **IR to:** TLYCV, Ma/Mi/Mj

Sow	Harvest
Spring	Summer

**XANADU (Cherry)**

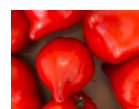
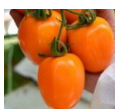
Xanadu is a large 16-20gm cherry

- Beautifully presentation with a fishbone truss
- Very good flavour, shiny deep red colour, high yield
- Easy to manage plant
- For long crop cycle

High Resistance to: ToMV:0-2, Va:0/Vd:0 Fol:0-1, Pf:A-E **IR to:** Pn, Ma/Mi/Mj

Sow	Harvest
All Year	All Year

 **axia**
vegetable seeds



TOMATO - INDOOR COCKTAIL (Indeterminate)

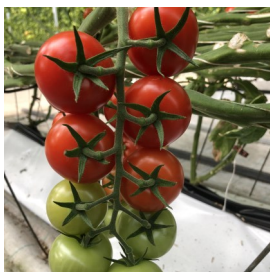
**ARAXI (Cocktail)**

Araxi is a cocktail truss tomato

- 6-8 fruits, 55-60gm, very good flavour
- Beautifully presented on fishbone truss
- High yield, strong plant

High Resistance to: ToMV:0-2, Va:0/Vd:0, Fol:0-1, For **IR to:** Pn

Sow	Harvest
All Year	All Year

**JUSTAX (Cocktail)**

Justax is a cocktail truss tomato

- 7-9 fruits, 45-60gm, good flavour
- Beautifully presented on fishbone truss
- High yield, labour friendly

High Resistance to: ToMV:0-2, Va:0/Vd:0, Fol:0, For Pf:A-E **IR to:** Pn

Sow	Harvest
All Year	All Year

**NIGELLA (Cocktail)**

Nigella is a brown cocktail tomato

- Early maturing, loose pick 25-30gm brown cocktail
- Lovely colour addition in a mixed pack
- Award winning Farmers Market variety

High Resistance to: ToMV:0

Sow	Harvest
All Year	All Year

**SWEETHEART (Mini Plum Speciality)**

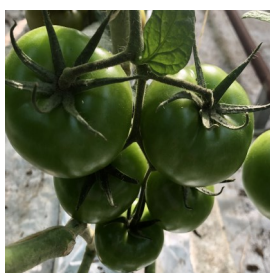
Sweetheart is a heart shaped red cherry, with excellent resistance package

- Early maturity. Strong vigorous plant. Excellent uniformity
- Deep red oval cherry with nipple, on fishbone truss of 10-12 fruit, 30-35gm
- Greenhouse or tunnel cropping

HR to: ToMV:0-2, Va:0/Vd:0 Fol:0-1, Pf:A-E, TSWV **IR to:** TLYCV, Ma/Mi/Mj

Sow	Harvest
All Year	All Year

TOMATO - SPECIALITIES (Indeterminate)

**ADRIATYCO (Green)**

Adriatyc is for picking green

- Early maturity, good setting in both hot and cold conditions
- Average weight 180-200gm
- Excellent colouration with dark green shoulder
- For non-heated crop production through winter

High Resistance to: ToMV:0-2, For, Fol:0-1, Va:0/Vd:0 **IR to:** TSWV:0, TYLCV, Ma/Mi/Mj

Sow	Harvest
All Year	All Year

**CRIMPY (Oxheart)**

Crimpy is referred to as an Oxheart type

- Firm, pear shaped fruits with crimped top
- Low acid
- Average weight 180-200gm

High Resistance to: ToMV:0-2, For, Va:0/Vd:0, TSWV:0

Sow	Harvest
All Year	All Year



TOMATO - SPECIALTIES (Indeterminate)



KAKAO (Specialty)

Kakao is a dark brown tomato full of flavour

- Very vigorous plant
- Slightly flattened globe, good shelf life fruit 130-150gm
- Suited to year round growing under shelter

High Resistance to: ToMV:0-2, Fol:0, Vd:0

Sow	Harvest
All Year	All Year



MARIGOLD, MARBRUNI, MARNERO, MARNOUAR, MARPINK, MARSIL, MARVORI (Heirloom)

Marigold - Yellow, Marbruni - Brown, Marnero - Black, Marnouar - Black, Marpink - Pink, Marsil - Red, Marvori - Ivory are all large ribbed heirloom tomato

- 190-300gm ribbed fruit
 - Prune to 3 fruits to maintain size
- Please ask for more info as each colour is unique

Sow	Harvest
All Year	All Year



XIOMARA (Specialty)

Xiomara is an eye-catching orange truss variety

- Nice orange colour, round 100-120gm uniform fruit
- 5-6 fruit per truss, high yields
- Excellent shelf life

High Resistance to: ToMV:0-2, Fol:0-1, Va:0/Vd:0, For, Pf:A-E **IR to:** Pn

Sow	Harvest
All Year	All Year

 axia
vegetable seeds

TOMATO - INDOOR (Indeterminate)



CORIN (Roma)

Corin has 100-110gm oval, low acid, firm fruit

- Low susceptibility to blossom end rot
- Resistance to leaf mold results in healthy foliage
- 100-110gm oval firm fruit, on close spaced trusses. No nipple

High Resistance to: ToMV:0-2, Fol:0-1, Va/Vd, For, Pf:A-E **IR to:** Ma/Mi/Mj

Sow	Harvest
All Year	All Year



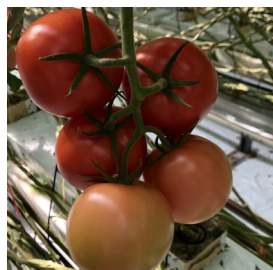
LANCASTER (Gourmet)

Lancaster is for loose or truss harvest

- Very strong plant with excellent setting and early fruit maturity
- Deep red, long shelf life fruit 140-160gm on jointless truss
- High total yield with exceptional skin quality
- Suited to year round growing in heated greenhouse

High Resistance to: ToMV:0-2, Fol:0-1, Va:0/Vd:0, For, Pf:A-E **IR to:** Ma/Mi/Mj, Pn

Sow	Harvest
All Year	All Year



MACSIZE (Gourmet)

Macsize is a big tomato for truss or loose harvest

- Strong open plant
- Deep red round red fruit 150-170gm, high quality, long shelf life
- High total yield, jointless uniform clusters

High Resistance to: ToMV:0-2, Fol:0-1, Va:0/Vd:0, For, Pf:A-E **IR to:** Pn

Sow	Harvest
All Year	All Year

 axia
vegetable seeds



TOMATO - INDOOR (Indeterminate)



ORINADE (Roma)

Orinade has attractive orange coloured fruit

- Low susceptibility to blossom end rot
- 100-120gm oval firm fruit, on close spaced trusses, productive
- Suited to all crop cycles and greenhouse types

High Resistance to: ToMV:0-2, Fol:0-1, Va/Vd, Pf:A-E **IR to:** Ma/Mi/Mj, Pn

Sow	Harvest
All Year	All Year



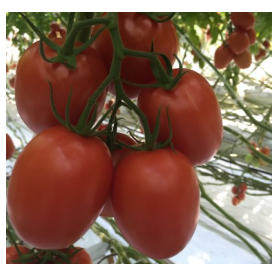
PRINCESS (Gourmet)

Princess is a round tomato for loose harvest with high resistances

- Strong plant, very adaptable
- Intense red round red fruit 150-160gm, uniform clusters
- Adaptable to handle heat in summer and cooler greenhouse temperatures in winter

High Resistance to: ToMV:0-2, Fol:0-1, Va:0/Vd:0, For, Pf:A-E, TSWV **IR to:** TYLCV, Ma/Mi/Mj

Sow	Harvest
All Year	All Year



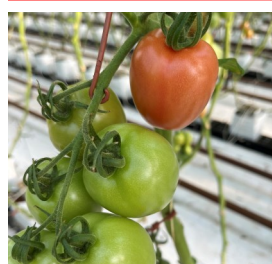
PRUNAXX (Roma)

Prunaxx has 100-120gm oval, low acid, firm fruit

- High yield of good colour and quality fruit
- Strong plant that is easy to balance
- 5-6 ,100-120gm oval fruit per truss

High Resistance to: ToMV:0-2, Fol, Pf:A-E **IR to:** TSWV:0, Pn

Sow	Harvest
All Year	All Year



SUPRANAX (Roma)

Supranax has 110-130gm oval, firm fruit

- High yield of good colour and quality fruit
- Strong plant, adaptable and easy to manage
- Prune to 5-6 per truss, for 110-130gm fruit

High Resistance to: ToMV:0-2, Fol:0,Va:0/Vd:0, Pf:A-E **IR to:** Pn,TSWV:0

Sow	Harvest
All Year	All Year



XAVERIUS (Gourmet)

Xaverius is a round tomato for truss or loose harvest

- Strong open plant
- Deep red round red fruit 130-160gm, high quality, long shelf life
- High total yield, jointless uniform clusters

High Resistance to: ToMV:0-2, Fol:0-1, Va:0/Vd:0, For, Pf:A-E **IR to:** Pn

Sow	Harvest
All Year	All Year



WATERMELON - SEEDED



CANDYMAN

Candyman has a dark green stripe on a fresh green background

- Dark fresh external skin markings and a deep red contrasting flesh
- Main season variety which has excellent shelf life
- Has a tough skin to handle washing and transport
- Fruit weight is 3-5kg with excellent yield

Sow	Harvest
Spring	Summer



CANDYSTORE

Candystore is the market standard

- Family fun type. Oblong striped watermelon
- Vigorous high yielding variety with average fruit weight of 3-5kg dependent on plant density
- Concentrated fruit set of consistent shape and very good internal texture

Sow	Harvest
Spring	Summer

WATERMELON - SEEDED

**iCANDY**

iCandy is an oval striped melon with similar rind to Candyman

- When ripe iCandy has a 12-13°Bx
- For main to late season harvest. Matures 3-4 days later than Candyman
- Fresh green colour with dark green stripes. 3.5-5.5kg
- We have seen very good tolerance under dry conditions

Sow	Harvest
Spring	Summer

**SUGARCRUNCH**

SugarCrunch is very sweet

- When ripe SugarCrunch has a 12-14°Bx
- Round melon with Sugarbelle rind type
- Very dark green with black stripe, almost appearing black. 3.5-4.5kg
- Yield comparable with market standard

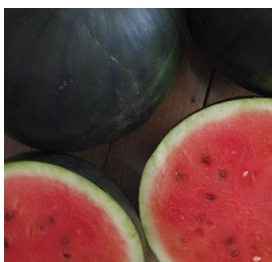
Sow	Harvest
Spring	Summer

**SUGARRUSH**

SugarRush has excellent flavour and crisp flesh

- Vigorous vine with good fruit cover and setting ability
- Blocky round melon with black rind and dense crisp crimson flesh. 3-4kg
- Excellent flavour, 12.5°Bx, few seeds of micro pips
- Uniform maturity 3-5 days later than Candystore

Sow	Harvest
Spring	Summer

**SUGARSWEET**

Sugarsweet is a Sugarbelle type with high brix

- When ripe Sugarsweet has 13°Bx
- Round melon with Sugarbelle rind type
- Very dark green with black stripe, almost appearing black. 3.5-6kg
- Yield comparable with market standard

Sow	Harvest
Spring	Summer

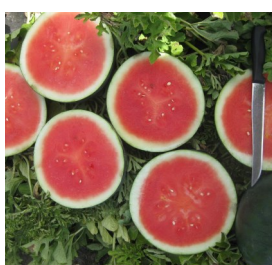
**SWEETYELLOW**

SweetYellow has excellent flavor, firm flesh and high brix

- Good yields for main and late season, early maturing with fruit 3-4.5kg
- Blocky round, black slightly striped rind, deep yellow firm flesh
- High 12-13.5°Bx, crisp, excellent flavour
- Very uniform, consistent and firm flesh

Sow	Harvest
Spring	Summer

WATERMELON - SEEDLESS

**RED EMBLEM**

Red Emblem has excellent flavor, firm flesh and high brix

- Good yields for main and late season, early maturing with fruit 3-4.5kg
- Blocky round, black slightly striped rind, deep red firm flesh
- High 12-14°Bx, crisp, excellent flavour and some tolerance to Hollow Heart
- Very uniform, consistent and firm flesh

Sow	Harvest
Spring	Summer

**We have a large range of different size, shape and colour of Watermelons
so please enquire if you are looking for something not listed.**

WATERMELON - SEEDLESS



RED JEWEL

Red Jewel has excellent flavour and high brix

- Good yields of mid maturing fruit. 4-6kg
- Blocky round, black slightly striped rind, deep red firm flesh
- High 12-14°Bx, crisp, excellent flavour and some tolerance to Hollow Heart
- Very uniform, consistent and firm flesh

Sow	Harvest
Spring	Summer



RED TREASURE

Red Treasure has very dense juicy flesh

- Good yields of mid maturing fruit
- Round, jet black rind, dense red firm flesh
- Vigorous vine with excellent setting ability
- Very uniform, consistent sized fruit. High 12-14°Bx. 4-6kg

High Resistance to: Co

Sow	Harvest
Spring	Summer

ZUCCHINI - GREEN



ARMOUR

Armour has strong vigour, upright plant and compact internodes

- Consistently shaped, mid-dark green shiny fruit, small blossom scar
- Easy to pick uniform straight fruit
- Fruit grow to length then fatten evenly
- Wide planting window. Also grown undercover early and late

High Resistance to: Px

Sow	Harvest
June to January	September to May



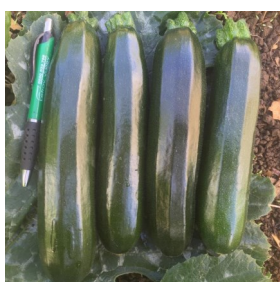
BALLISTIC

Ballistic produces a high number of top grade fruit

- Excellent mid-dark green fruit
- Easy pick with open habit and medium sized plant
- Suited to spring to autumn harvest
- Also grown undercover early and late

High Resistance to: Px, ZYMV

Sow	Harvest
June to February	September to May



BAZOOKA

Bazooka has an open plant with a vigorous vine and excellent virus resistance

- Straight mid-dark green fruit, small blossom scar
- Quick to pick with open habit and compact plant
- Fruit swells evenly along its length, high yield
- Suited to summer to autumn harvest, dependent on region

High Resistance to: PRSV, ZYMV, CMV, WMV, Px

Sow	Harvest
October to February	December to May

ZUCCHINI - SCALLOPINI



PLUTO & PLUTONIUM

Pluto is an attractive yellow with small blossom scar

Plutonium has a unique yellow stem

- Robust high yielding variety with a strong plant and sprawling habit
- Fruit are an attractive yellow saucer shape, deep scalloped edges, small blossom scar
- Maintains uniform shape throughout the harvest period
- No genetic virus resistance but vigour allows for extended harvest



Sow	Harvest
Spring	Summer

ZUCCHINI - BALL

**CROQUET**

Croquet is a light green colour

- Light green fruit
- Good plant vigour, uniformity and yield
- For covered or outdoor production

Sow	Harvest
Spring	Summer

**LACROSSE**

Lacrosse is a bright yellow

- Bright yellow round zucchini
- Vigorous plant for covered or outdoor production
- Easy picking. May struggle in high heat

Sow	Harvest
Spring	Summer

**PETANQUE**

Petanque has superior uniformity

- Shiny dark green round fruit
- Early maturity, easy picking and excellent shelf life
- For covered or outdoor production

Sow	Harvest
Spring	Summer

FERTILISER

**PERLKA**

Perlka is a granular Nitrogen and Calcium source to enhance both plant health and yield

- Fertiliser effect—slow release nitrogen and lime
- Soil health—Direct benefits—increase in microbial activity, prevention of soil borne fungal diseases, weed suppression, inhibition of spore germination e.g. clubroot—giving effective control
- Soil health—Indirect benefits—enhanced decomposition of organic matter, increase in nonpathogenic fungus (e.g. *Penicillium spp.*), and improved soil structure (lime effect 50% CaO)

Healthy soils = stronger plants



Lefroy Valley are members of the following organisations associated with our industry and adhere to their standards and quality systems:



ICOP - NZGSTA Industry Code Of Practise



Vegetable Seed Sowing Guide

Vegetable Species	Seeds per Gram	Approx Quantity required per 100 m (Grams)	Seed required per Hectare		Approximate planting distance		Optimum Germination Conditions		Average Marketable Yield (Tonne/Ha)	Usual Crop Maturity (Days)	Planting Depth (Cm)
			Direct Sowing (KG)	Transplant (Grams)	Between Rows (cm)	Apart in Row (cm)	Soil Temp (Degree C)	Emergence Time (Days)			
Beans Dwarf	4-7	495	60		50-75	7-10	16-30	7	10-15	60-90	4
Beans Runner	4	231	70-90		100	10-15	16-30	7	10-15	60-90	4
Beetroot	40-60	50	10		25-40	5-10	10-30	8	25	55-65	2
Broccoli	160-240	17	1	150	60-90	30-60	10-30	8	12	65-120	1.5
Brussels Sprout	180	17	1	150	60-90	30-60	10-30	8	12	120-150	1.5
Cabbage	190-300	17	1	200	60-90	30-60	10-30	8	20-25	60-120	1.5
Chinese Cabbage	190-300	17	1	150	50-60	40-45	10-30	7	18	63-70	1.5
Capsicum	150-180	17	1-3	100	60-90	30-60	20-30	10	15	65-85	1
Carrot	450-900	17	2.5-3		25-40	2-5	10-30	8	25-70	70-120	1.5
Cauliflower	190-250	17	1	150	60-90	30-70	10-30	8	15-20	100-160	1.5
Celery	1500-2500	17		250	30-40	20-40	16-20	12	40	85-120	0.5
Eggplant	250-300	66		100	60-90	60	25-30	9	10-15	70-90	1
Gherkin	30	17	3.4	1000	100-150	25-30	18-30	8	7	130-150	2
Lettuce	600-1200	17	1-2	1000	30-50	20-30	8-25	5	20	65-90	1.5
Melon- Rock	35-40	17	1-2	1500	150-200	30-60	25-30	5	10-15	90-120	3
Onion	210-320	17	5		25-40	5-8	15-30	8	50-70	170-200	1.5
Onion- Bunching	210-320	33	12		10-30	2	15-30	8	5	80-100	1.5
Parsley	600-1200	17	3		30-40	10-20	10-25	15	10-15	70-90	1
Peas	5	412	200		20-60	5-7	8-20	8	3-4	60-120	3
Pumpkin	6	33	3		160-200	50-200	20-30	7	25-30	110-170	3
Radish	100-170	82	10		30	2	10-30	5	10	30-40	2
Silverbeet	40	17	6		40-50	20-30	10-30	7	10	65-75	2
Spinach	150-170	82	10		30-40	8-10	10-20	8	10-15	40-69	2
Squash	6-10	30	2-4		70-150	30-60	20-30	7	15-20	55-120	3
Sweetcorn	4-6	165	10-15		70-80	15-30	18-30	6	10-25	70-120	4
Tomato	250-300	17	1.5	200	100-150	30-90	16-25	8	30-60	80-120	1
Watermelon	20-30	33	0.5-1		160-200	30-60	25-30	5	50-80	80-120	3
Zucchini	6-10	30	2-4		150	30-60	20-30	7	15-20	55-120	3

DISEASE ABBREVIATIONS

Crop	Pathogen	Code	Scientific pathogen name	English common name
Bean	Virus	BCMV	<i>Bean common mosaic virus</i>	Bean common mosaic virus
	Fungi	Cl	<i>Colletotrichum lindemuthianum</i>	Anthracnose
	Bacteria	Psp	<i>Pseudomonas savastanoi pv. phaseolicola</i>	Halo blight
	Bacteria	Pss	<i>Pseudomonas syringae pv. syringae</i>	Bacterial brown spot
	Bacteria	Xap	<i>Xanthomonas axonopodis pv. phaseoli</i>	Common blight
	Fungi	Ua	<i>Uromyces appendiculatus</i>	Rust
Beet	Fungi	Cb	<i>Cercospora beticola</i>	Leaf spot
	Fungi	Ps	<i>Peronospora schachtii</i>	Downy mildew
Brassica	Bacteria	Xca	<i>Xanthomonas campestris pv. armoraciae</i>	Leaf spot
	Bacteria	Xcc	<i>Xanthomonas campestris pv. campestris</i>	Black rot
	Fungi	Aba	<i>Alternaria brassicicola</i>	Black spot
	Fungi	Abe	<i>Alternaria brassicae</i>	Black spot
	Fungi	Pb	<i>Plasmidiophora brassicae</i>	Clubroot
Capsicum	Bacteria	X spp	<i>Xanthomonas spp</i>	Bacterial spot (8 strains 1,2,3,4,5,6,7,8)
	Fungi	Foc	<i>Fusarium oxysporum f. sp. capsici</i>	Fusarium wilt
	Fungi	Lt	<i>Leveillula taurica (anamorph: Oidiopsis sicula)</i>	Powdery mildew
	Nematode	Ma	<i>Meloidogyne arenaria</i>	Root-knot
	Nematode	Mi	<i>Meloidogyne incognita</i>	Root-knot
	Nematode	Mj	<i>Meloidogyne javanica</i>	Root-knot
	Virus	TMV	<i>Tobacco mosaic virus</i>	Tobacco mosaic virus (3 strains 0,1,2)
	Virus	ToMV	<i>Tomato mosaic virus</i>	Tomato mosaic virus
	Virus	TSWV	<i>Tomato spotted wilt virus</i>	Tomato spotted wilt virus
	Virus	PVY	<i>Potato Y virus</i>	Potato Y
Celery/Celeriac	Fungi	Sa	<i>Septoria apiicola</i>	Late blight
Cucurbita	Bacteria	Ac	<i>Acidovorax citrulli</i>	Bacterial fruit blotch
	Bacteria	PsI	<i>Pseudomonas syringae pv. lachrymans</i>	Angular leaf spot
	Fungi	Ccu	<i>Cladosporium cucumerinum</i>	Scab and gummosis
	Fungi	Co	<i>Colletotrichum orbiculare</i>	Anthracnose
Not watermelon	Fungi	Foc	<i>Fusarium oxysporum f.sp. cucumerinum</i>	Fusarium wilt
Not watermelon	Fungi	Fom	<i>Fusarium oxysporum f.sp. melonis</i>	Fusarium wilt (3 strains 0,1,2)
	Fungi	Fon	<i>Fusarium oxysporum f.sp. niveum</i>	Fusarium wilt
	Fungi	For	<i>Fusarium oxysporum f.sp. radices-cucumerinum</i>	Fusarium crown and root rot
Not watermelon	Fungi	Fsc	<i>Fusarium solani f.sp. cucurbitae</i>	Crown and root rot
Not watermelon	Fungi	Gc	<i>Golovinomyces cichoracearum</i>	Powdery mildew
Not watermelon	Fungi	Pcu	<i>Pseudoperonospora cubensis</i>	Downy mildew
	Fungi	Px	<i>Podosphaera xanthii</i>	Powdery mildew
	Virus	CGMMV	<i>Cucumber green mottle mosaic virus</i>	Cucumber green mottle
	Virus	CMV	<i>Cucumber mosaic virus</i>	Cucumber mosaic virus
	Virus	CVYV	<i>Cucumber vein yellowing virus</i>	Cucumber vein yellowing
	Virus	CYSDV	<i>Cucumber yellowing stunt disorder virus</i>	Cucumber yellowing stunt disorder
	Virus	KGMMV	<i>Kyuri green mottle mosaic virus</i>	Kyuri green mottle
	Virus	MNSV	<i>Melon necrotic spot virus</i>	Melon necrotic spot
	Virus	PRSV	<i>Papaya ringspot virus</i>	Papaya ringspot
	Virus	WMV	<i>Watermelon mosaic virus</i>	Watermelon mosaic
	Virus	ZYMV	<i>Zucchini yellow mosaic virus</i>	Zucchini yellows

			HR = Highly resistant IR = Intermediate resistance	
Crop	Pathogen	Code	Scientific pathogen name	English common name
Leek	Virus	LYSV	<i>Leek yellow stripe virus</i>	Leek yellow stripe
	Bacteria	Psp	<i>Pseudomonas syringae pv. porri</i>	Pseudomonas leek blight
	Fungi	Ap	<i>Alternaria porri</i>	Purple blotch
	Fungi	Foc	<i>Fusarium oxysporum f. sp. cepae</i>	Basal rot
Lettuce	Fungi	Bl	<i>Bremia lactucae</i>	Downy mildew
	Virus	LMV	<i>Lettuce Mosaic Virus</i>	Lettuce mosaic
	Virus	MLBVV	<i>Mirafiori lettuce big-vein virus</i>	Lettuce big vein
	Insects	Nr	<i>Nasonovia ribisnigri</i>	Lettuce leaf aphid
	Bacteria	Fol	<i>Fusarium oxysporum f.sp. lactucae</i>	Fusarium wilt
	Bacteria	Xav	<i>Xanthomonas axonopodis pv. vitians</i>	Bacterial spot
	Bacterai	Pc	<i>Pseudomonas cichorii</i>	Bacterial rot
Onion	Fungi	Pd	<i>Peronospora destructor</i>	Downy mildew
	Fungi	Bs	<i>Botrytis squamosa</i>	Botrytis leaf blight
	Fungi	Pa	<i>Puccinia allii</i>	Rust
	Fungi	Sc	<i>Sclerotium cepivorum</i>	White rot
	Fungi	St	<i>Sclerotium terrestris</i>	Pink root
Pea	Fungi	Fop	<i>Fusarium oxysporum f. sp. pisi</i>	Near wilt
	Fungi	Ep	<i>Erysiphe pisi</i>	Powdery mildew
Spinach	Fungi	Pe	<i>Peronospora effusa</i>	Downy mildew
	Fungi	Cd	<i>Colletotrichum dematium</i>	Anthracnose
	Fungi	Fos	<i>Fusarium oxysporum f. sp. spinaciae</i>	Fusarium wilt
Sweetcorn	Fungi	GLS	<i>Cercospora</i>	Grey leaf spot
	Fungi	Ps	<i>Puccinia sorghi</i>	Common rust
	Fungi	Et	<i>Exserohilum turcicum</i>	Northern leaf blight
	Fungi	Um	<i>Ustilago maydis</i>	Common smut
	Virus	MDMV	<i>Maize dwarf mosaic virus</i>	Maize dwarf mosaic
Tomato	Virus	ToMV	<i>Tomato mosaic virus</i>	Tomato mosaic virus (3 strains 0,1,2)
	Virus	TSWV	<i>Tomato spotted wilt virus</i>	Tomato spotted wilt virus
	Virus	CMV	<i>Cucumber mosaic virus</i>	Cucumber mosaic
	Virus	TMV	<i>Tobacco mosaic virus</i>	Tobacco mosaic
	Virus	TYLCV	<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl
	Bacteria	Cmm	<i>Clavibacter michiganensis subsp. michiganensis</i>	Bacterial canker
	Bacteria	Pst	<i>Pseudomonas syringae pv. tomato</i>	Bacterial speck
	Fungi	Pf	<i>Passalora fulva (ex Fulvia fulvum)</i>	Leaf mould (5 different races A-E)
	Fungi	Fol	<i>Fusarium oxysporum f.sp lycopersici</i>	Fusarium wilt (3 different races 0,1,2)
	Fungi	For	<i>Fusarium oxysporum f.sp radicle-lycopersici</i>	Fusarium crown and root rot
	Fungi	Pn (ex On)	<i>Pseudoidium neolyopersici (ex Oidium)</i>	Powdery mildew
	Fungi	Sbl, Sl, Ss	<i>Stemphylium botryosum, lycopersici, solani</i>	Gray leaf spot
	Fungi	Va, Vd	<i>Verticillium albo-atrum, V.dahliae</i>	Verticillium wilt
	Nematode	Mi, Ma, Mj	<i>Meloidogyne incognita, M.arenaria, M.javanica</i>	Root-knot nematode

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