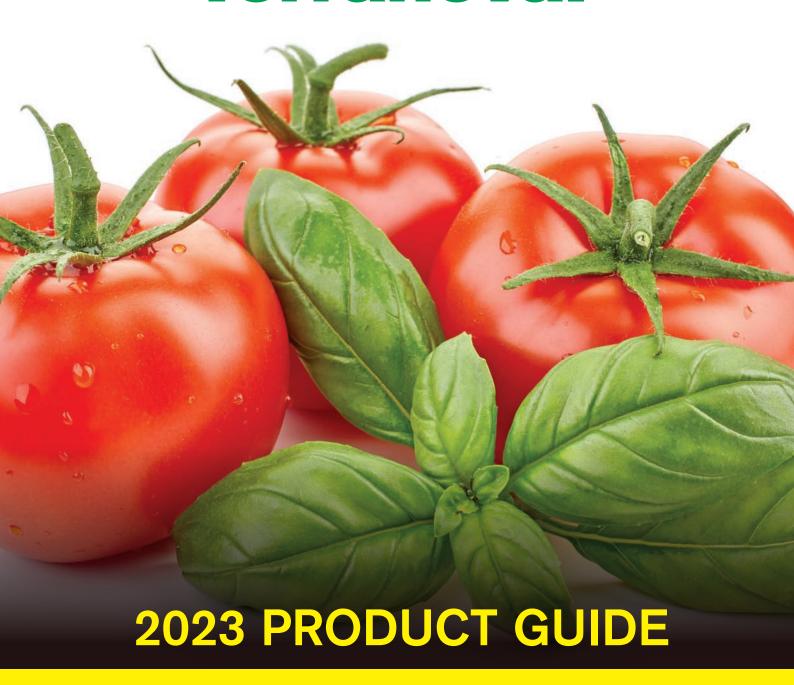
Thinking tomatoes?

Think Terranova.







CONTACT DETAILS

SALES ORDERS

Terravova Seeds

13/19 Chifley Street, Smithfield NSW 2154

Phone: (02) 9616 1288 **Fax:** (02) 9616 1299

Online technical and customer support www.tnseeds.com



NATIONAL SALES MANAGER

James Bowker

Mobile Phone: 0437 640 981 Email: james.bowker@tnseeds.com

NORTH QUEENSLAND / NORTHERN TERRITORY

Shaun Todd

Mobile Phone: 0437 890 920 Email: shaun.todd@tnseeds.com

SOUTH EAST QUEENSLAND

Charles Grimes

Mobile Phone: 0429 913 873 Email: charles.grimes@tnseeds.com

COASTAL S.E. QUEENSLAND / NORTHERN NSW WIDE BAY / BURNETT REGIONS

Steve Williams

Mobile Phone: 0407 256 521 Email: steve.williams@tnseeds.com

NEW SOUTH WALES

Charlie Vella

Mobile Phone: 0419 286 370 Email: charlie.vella@tnseeds.com

VICTORIA

Henry Nellen

Mobile Phone: 0417 227 873 Email: henry.nellen@tnseeds.com

TASMANIA

Andy Doran

Mobile Phone: 0497 999 987 Email: andy.doran@tnseeds.com

SOUTH AUSTRALIA

Greg Bragg

Mobile Phone: 0419 635 548 Email: greg.bragg@tnseeds.com

WESTERN AUSTRALIA

Danie Oosthuizen

Mobile Phone: 0417 930 233

Email: danie.oosthuizen@tnseeds.com

NATIONAL PRODUCT DEVELOPMENT MANAGER

Michael Sippel

Mobile Phone: 0418 479 062 Email: michael.sippel@tnseeds.com

NATIONAL PRODUCT DEVELOPMENT MANAGER – DRY SEEDS

Nick Mitchell

Mobile Phone: 0418 532 650 Email: nick.mitchell@tnseeds.com

NATIONAL PRODUCT DEVELOPMENT MANAGER – WET SEEDS

Grant Wilson

Mobile Phone: 0418 716 131 Email: grant.wilson@tnseeds.com

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GLOSSARY OF ABBREVIATIONS



RESISTANCE ABBREVIATIONS

Bl	Bremia lactucae (Downy Mildew)
Ccu	Scab and Gummosis
Cmm	Bacterial Canker
CMV	Cucumber Mosaic Virus
CVYV	Cucumber Vein Yellowing Virus
CYSDV	Cucurbit Yellow Stunting Disorder Virus
DMR	Downy Mildew Resistance
ET	Northern Corn Leaf Blight
F	Fusarium race 1, 2 or 3 as noted
Ff	Leaf Mould (Fulvia)
LMV	Lettuce Mosaic Virus
MDMV	Maize Dwarf Mosaic Virus
N	Nematode
Nr	Nasonovia Aphid Resistance
PepMoV	Pepper Mottle Virus
PM	Powdery Mildew
PRSV	Papaya Ringspot Virus
PS	Common Rust
PSI	Angular Leaf Spot
Pst	Bacterial Speck
PVY	Potato Virus Y
RS	Bacterial Wilt
Tm	Tobamovirus
TMV	Tobacco Mosaic Virus
TSWV	Tomato Spotted Wilt Virus
TYLCV	Tomato Yellow Leaf Curl Virus
V	Verticillium Wilt Race 1
WMV	Watermelon Mosaic Virus
Xcv	Bacterial Spot
ZYMV	Zucchini Yellow Mosaic Virus
IR	Intermediate Resistance
MR	Moderate Resistance



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ASPARAGUS

VARIETY	MATURITY FROM TRANSPLANT	SPEARS	SPEAR COLOUR		
HYBRID					
U.C. 157 (F1)	1 year from planting	Spears initiated in clusters of 3 - 5	Deep green		
Earlier production due to increased vigour. Extended harvest period for cylindrical, uniform spears.					

BEANS

VARIETY	MATURITY FROM SOWING	PLANT HABIT	POD TYPE	COLOUR	
DWARF					
BORLOTTI 9 - 11 weeks Dwarf Flat, string 15 - 16cm Mottled red					
Culinary bean used fresh or dried. Attractively coloured.					

BEETROOT

VARIETY	MATURITY FROM SOWING	BULB COLOUR	INTERNAL COLOUR	BULB SHAPE	
OPEN POLLINATED	,				
DETROIT SUPREME	9 weeks	Blood red	Deep red	Globe	
Suitable for fresh marke	et or processing. Attractiv	e colour.			
EARLY WONDER TALL TOP	8 weeks	Blood red	Dark red	Slightly conical	
Tall tops suited to bunch	ning. Some slight zoning	present.			
HYBRID					
AMUR	9 weeks	Dark red	Dard Red	Globe	
	s with excellent smooth b for hotter growing conditi		ng, baby beets and the pr	rocessing industry.	
FOUR ACES	9 weeks	Dark red	Blood red	Globe	
Excellent quality, attract	ive bulb, very upright with	n bright green tops. Suite	ed to bunching.		
MONO RED	9 weeks	Dark red	Dark red	Globe	
Smooth dark red beet with attractive shape and a small tap root. Medium sized dark green erect tops. Good internal colour with little zoning. Suitable for bunching, baby beet or bulbs.					
RED ATLAS	9 weeks	Dark red	Dark red	Globe	
Excellent quality smooth bulbs. Strong, erect, dark green tops with a strong attachment. Suitable for bunching, baby beets and processing.					



BROCCOLI

VARIETY	MATURITY FROM TRANSPLANT HEAD TYPE		HEAD COLOUR		
HYBRID					
DYNASTY	10 – 12 weeks	Well domed head, medium bead size	Deep green		
		heavy heads consistently across white blister in Australian trials			
IMPERIAL	11 - 12 weeks Fine bead, nice dome		Dark green		
Shoulder variety. Good uniform	mity and good White Blister tole	erance in our trials.			
MARATHON	11 - 12 weeks	Well domed, very fine beads	Deep green		
Quality heads for cool season	Quality heads for cool season production. Reliable industry standard.				
SOVEREIGN	10 – 11 weeks	Well domed, very fine beads	Green		
Sovereign is an early maturity variety. Characterised by a high dome with excellent head weight. It has a very good heat tolerance. Showing strong field tolerance to white blister to date.					



CABBAGE

VARIETY	MATURITY FROM TRANSPLANT	HEAD TYPE	WEIGHT	HOLDING ABILITY	
		GREEN			
HYBRID					
AUSTIN	12 – 14 weeks	Semi globe, dark green	3 – 4 kg	Excellent	
	je, characterised by a very under extreme conditions				
GREEN CORONET	15 - 17 weeks	Flattened globe, medium green	4 - 4.5kg	Excellent	
Adaptable variety, curre	ent industry standard.				
SAMBA	14 - 17 weeks	Semi globe, dark green	3 - 5kg	Good	
	arge, green cabbage with Coronet. Performs well in <i>i</i>				
		RED			
HYBRID	HYBRID				
RED QUEEN	9 - 10 weeks	Globe shaped	1.5 - 1.6kg	Good	
Excellent dark red glos	sy colour. Solid head with	good taste and soft textu	ıre. Best results in Winte	r.	
RED WIZARD	10 – 12 weeks	Globe shaped	2 – 3 kg	Good	
Large headed red cabbage. Develops excellent colour and very good yield. Head is globe shaped and very firm. Good taste with soft texture.					
SCARLET	10 – 11 weeks	Globe shaped	2 – 2.5kg	Excellent	
Very productive red cabbage with good internal structure and intensive red colour. Head is globe shaped and very solid. Excellent field holding ability.					



CAPSICUM

VARIETY	MATURITY FROM TRANSPLANT	FRUIT COLOUR	FRUIT SIZE	FRUIT SHAPE
		НОТ		
HYBRID				
AMIGO	10 weeks	Dark green to red	10 x 3.75cm	Jalapeno
	lding dark green fruit; will ions. Scoville: 3,500 – 6,0		. Shows some tolerance t	to cracking. Adaptable
DAGGER	15 weeks	Dark green turning red	18 - 20 x 1.5cm	Elongated
	vigorous plant with early rent. This variety has good			
FUSION	12 weeks	Green to red	4 x 5cm	Strawberry
	rom transplant and red 85 ollowed by intense heat.	days from transplant. Pr	ovides good cover and hi	gh yields. Medium wall
LEXUS	10 weeks	Green to red	7 x 4cm	Jalapeno
Jalapeno type. Early maturing (65-70 days). Excellent yield with high quality fruit; very thick wall. Uniform dark green; firm; tolerant to crazing and purpling. Delivering consistent heat with average Scoville 10,000-12,500. Ideal for both fresh and processing markets.				
LUCIFER	10 weeks	Green to red	7.5 - 10cm	Serrano
Characterised by a vigorous plant. It produces an abundance of uniform, heavy fruit with excellent shelf life. Scoville: 3,500 - 6,000. Fruit colour is dark green, turning red at full maturity.				
REY KAWIL	12 weeks	Red	4-5 x 3 cm	Habanero
	n, large fruit on a vigorous			n bright red in colour.

Develops a very uniform, large fruit on a vigorous plant. Very pungent and aromatic. Fruit is medium bright red in colour Colour retention is excellent. This variety is suitable for fresh market or processing.



CAPSICUM

VARIETY	MATURITY FROM TRANSPLANT	FRUIT COLOUR	FRUIT SIZE	FRUIT SHAPE		
		SWEET				
HYBRID						
MANDRAKE	12 – 13 weeks	Green to red	15 x 8cm	¾ Lamuyo		
8cm. Excellent dark gre	High quality, large fruited capsicum for low tech production. Elongated blocky/Lamuyo fruit with 3-4 lobes averaging 15 x 8cm. Excellent dark green colour – turning glossy red. Open plant habit, high yielding with excellent setting ability. Heavy fruit with shallow shoulder and thick walls. Excellent shelf life. High Resistance – Tm:0-3; PVY-0. Intermediate Resistance – TSWV:0: Ma/Mi/Mi					
MILDRED	12 - 13 weeks	Dark green to bright yellow	9 x 10cm	Blocky		
Medium sized, heavy fruit with shallow shoulder and good wall thickness. Firm with long shelf life. Suitable for outdoor and shade house. Tm 0-2; PVY 0-2; TSWV; Xcv 1-3 resistant.						
■ RELAMPAGO	10 - 12 weeks	Green to red	9 x 9cm	Blocky		

Strong plant producing an exceptional quality indoor blocky pepper which is a bright glossy red at maturity. Outstanding firmness and shelf life with an average weight of 200 – 230 grams which is maintained throughout the plant. Relampago has the ability to set under high temperatures. Intermediate resistance to TSWV.



CARROT

VARIETY	MATURITY FROM SOWING	ROOT DIMENSION	COLOUR	TOPS		
IMPERATOR						
PEN POLLINATED						
ALL SEASONS	12 - 16 weeks	22 x 4cm	Pale orange	Very strong		
Adaptable standard OP	variety.					
		KURODA				
OPEN POLLINATED						
KURODA	16 – 18 weeks	18 x 4cm	Deep orange	Medium-Strong		
	d root with blunt tip. Bright rly maturity. Average bolti n.					
HYBRID						
€ CCO-018	16 - 18 weeks	18 x 4cm	Deep orange	Strong		
Very smooth, blunt end	Japanese style. Sweet, s	ucculent and brittle.				
		NANTES				
OPEN POLLINATED						
DARCY	12 – 16 weeks	17-20 x 4cm	Bright orange	Medium-Strong		
Good shape with bright	orange colour. Can be u	sed for fresh market or p	rocessing. Root has blun	t end and a fine core.		
HYBRID						
BRISTOL	12 – 16 weeks	20 x 2-3cm	Dark orange	Medium-Strong		
	strong stem attachment. ng. Highly adaptable for b		m dark orange roots with	excellent internal		
LIVERPOOL	12 – 16 weeks	18-20 x 3-4cm	Dark orange	Medium-Strong		
	rith high yields and great on the state of t					





CAULIFLOWER

VARIETY	MATURITY FROM TRANSPLANT	CURD	WRAP				
OPEN POLLINATED							
SELECTION 174	13 - 15 weeks	Creamy white, deep, heavy	Well protected by inner leaves				
A reliable standard variety.							
HYBRID	HYBRID						
ALTAIR	16 – 18 weeks	Well domed, white	Very large, swirling wrap				
		good swirling wrap. The well pronce and uniform maturity. Should					
CRENIQUE	12 – 14 weeks	Medium, well tucked	Large, swirling wrap				
protected with a large swirling		nabit. Medium sized, white curd arvest reduces harvest costs. Somer areas.					
ESTATIQUE	13 – 16 weeks	Medium/large size. Well tucked, dense	Large, swirling wrap				
The curds are well protected	with a large swirling wrap which	arge frame and good tolerance n prevents premature yellowing ern regions and during Spring ir	from exposure to the sun.				
MOONSHINE	10 – 12 weeks	Medium, well tucked, very dense curds	Medium, swirling wrap				
		ent heat tolerance for warm sea ame with good wrap. High qual					
> PRESTIQUE	10 – 11 weeks	Well tucked, heavy	Medium, swirling wrap				
		le for Summer/Autumn harvest i iform cut-out rate, with very goo					
SERENITY	10 – 12 weeks	Medium, well tucked, dense curds	Medium, swirling wrap				
Serenity is a new Australian developed CMS hybrid from ENZA. The variety has good heat tolerance and great curd protection with excellent tolerance to tipburn. It produces dense, heavy, white curds. Has shown extremely good field tolerance to Verticillium wilt and other common leaf diseases. For Summer harvesting in the southern markets or in the transition period in Queensland and W.A.							
SUNTORY	10 – 11 weeks	Well tucked, heavy	Medium, swirling wrap				
Early maturing variety developing very uniform heavy curds. Curds are well tucked with excellent internals. Suntory is best suited for summer/autumn harvest due to its excellent tip-burn tolerance.							
TWISTIQUE	14 – 16 weeks	Well domed, white	Very large, swirling				
	s through late autumn and winte eature are upright twisted leaves	er. This variety develops nice roles neatly protecting the curd.	bust frame with heavy white				



CELERY

VARIETY	MATURITY FROM TRANSPLANT	PLANT HEIGHT	PETIOLE		
HYBRID					
. GREEN GIANT	16 - 20 weeks	55 - 60cm	Glossy, petiole up to 30cm		
Hybrid variety suitable for cooler planting times.					

CUCUMBER

VARIETY	MATURITY FROM SOWING	FRUIT SHAPE	FRUIT COLOUR			
BEIT ALPHA (PROTECTED)						
ROYAL CROWN	7 - 9 weeks	16 - 19cm	Dark green			
		easy to manage. Suited to warn with a good quality fruit and no r				
	7 – 8 weeks	15 – 17cm	Dark green			
	tive multifruit cucumber. Medium IR ZYMV. Best suited to warm se	vigour open plant, setting high queason.	uality uniform dark fruit, with a			
	LONG EL	JROPEAN				
HYBRID						
CARONTE	8 - 9 weeks	32 - 36cm	Dark green			
Recommended for Spring & Autumn production. Caronte has a strong plant that produces an abundance of dark green fruit. Good disease tolerance to PM, CVYV and CYSDV.						
CARRANZA	8 - 9 weeks	32 - 36cm	Dark green			
Dark green fruit with an attractive rib. Produces good length in cool conditions. Disease resistance CVYV and CYSDV.						





CUCUMBER

VARIETY	MATURITY FROM SOWING	FRUIT SHAPE	FRUIT COLOUR		
SLICER					
OPEN POLLINATED					
GREEN GEM	8 – 9 weeks	Blocky ends, 20 x 5cm	Medium green		
Adaptable variety but lower yi	eld than hybrids.				
HYBRID					
CAMELOT	8 – 9 weeks	Blocky ends, 23 x 4.5cm	Very dark green		
		well. It has excellent disease to ose, ALS, Scab, ZYMV, PRSV,			
SUPERIOR	7 – 8 weeks	22 – 25cm	Dark Green		
multi-virus resistance, it maint	ains its size and shape when ot at fruit uniformity and very high	tive dark green colour. Cylindric her varieties are affected under rield throughout extended picks	stress or virus pressure.		
	SPEC	IALTY			
OPEN POLLINATED					
CRYSTAL SALAD	9 - 10 weeks	Blocky ends, 10 x 7cm	Creamy white		
Very mild flavour, but minimal	disease resistance.				
HYBRID					
BURPLESS TASTY GREEN	7 - 8 weeks	Long tapered, 25 x 4cm	Green		
Long thin fruit, best grown on	a trellis system for straight fruit	t. Low acid.			
CLARION	6 - 7 weeks	L / D 2.5	Mid-green		
A productive, beautifully shaped pickler. It brines well and has shown to be widely adaptive. Tolerant or resistant to Scab, Angular Leaf Spot, Anthracnose, Powdery Mildew and Downy Mildew.					
⊃ MINI-ME	7 - 8 weeks	7 – 8 cm	Mid-green		
NEW. Mini Beit Alpha with ve	NEW. Mini Beit Alpha with very high productivity. Crispy, with excellent appearance. Ideal for snacking.				



EGGPLANT

VARIETY	MATURITY TRANSPLANT	PLANT HEIGHT	FRUIT SIZE	FRUIT SHAPE	FRUIT COLOUR
HYBRID					
COSMOS	11 - 14 weeks	80 - 100cm	8 x 21cm	Elongated tear drop	Glossy black
Medium erect open habit, s For outdoor or protected cr					ith spineless fruit.
max DARKO	11 – 12 weeks	100 – 180cm	12-20 x 3-6cm	Long	Dark, shiny black
High quality mini long eggpuniform, glossy, and spinelegreenhouse and open field	ess. Fruit size range				
₩.Z LISBON	16 - 18 weeks	80 - 100cm	16 x 11cm	Tear drop	Very glossy black
Suitable for plastic tunnel / protected cropping. Excellent yield potential. Smooth, shiny black colour. Firm seedless flesh. Small green spineless calyx.					
CRESTIA	12 - 15 weeks	100 - 160cm	23 x 7cm	Tear drop	Very glossy black
Vigorous plant, with short internodes and good leaf cover. Spineless fruit, 490-520 gr. Semi-long very uniform fruit, firm and very shiny black colour. Suitable for Spring-Summer cultivation in protected space.					

ENDIVE

VARIETY	LEAF TYPE		
TOPAZ	Curly		
Fine curly-type endive. Strong large frame. Ideal for bunching.			





HERBS

	VARIETY	MATURITY FROM TRANSPLANT	LEAF TYPE				
øz.	BASIL GENOVESER	7 - 8 weeks	Shiny, dark green spoon shaped leaf				
Suita	Suitable for fresh cut or processing. High yielding.						
©Z	BASIL MARIAN	7 - 8 weeks	Dark green, medium sized leaf				
	variety in the Genoveser type. Stron ures a transport phase under probler	ng against tip burn and leaf damage in the matic conditions.	packing phase. Improved cold tolerance				
0 2	BASIL PICCOLINO	7 - 8 weeks	Small leaf				
Very	compact growing basil with a strong	g aroma. Ideal for pot growing and origina	l pesto.				
ØZ.	BASIL ROSIE	7 - 8 weeks	Dark red colour				
Rosi	e has intense dark red colour with c	ompact and upright growth on robust ster	ns.				
<u>~</u>	CHIVES BIGGY	6 – 9 weeks	Round leaf				
	ick shafted variety with dark blue-greessing.	een leaf colour. Upright plant habit. Excelle	ent for fresh market, forcing and				
	CHIVES GARLIC	6 – 9 weeks	Flat grass-like leaves to 30cm				
Mild	garlic flavour. Good for bunching.						
ØZ.	CHIVES STARO	9 weeks	Thick hollow leaves to 25cm in length				
Extra	Extra thick leaved for all growing purposes. Suitable for outdoor, forcing and pots.						
С	ORIANDER SLOW BOLT	7 - 9 weeks	Large flat light green aromatic leaves				
A slo	A slow bolting version of this herb. Most popular in Asian and Middle Eastern cookery.						
©Z	DILL GOLDKRONE	8 - 11 weeks	Fine structure				
Espe	Especially high yielding. Late flowering.						



KOHL RABI

	VARIETY	MATURITY FROM SOWING	BULB COLOUR	BULB SHAPE
	HYBRID			
Ø.	OCTAVE	6 – 8 weeks	White to slight green	Round
Very sturdy semi-upright plants. Large leaves. Variety grows well in hot conditions.				



LEEK

VARIETY	MATURITY FROM SOWING						
HYBRID	HYBRID						
CHINOOK	15 – 17 weeks	Long white	Upright				
Very uniform leek for Spr leaves. Heavy weight.	ing and Summer production. Good I	bolt tolerance with a long white	shaft length and dark green				
COMANCHE	18 – 19 weeks	Long white	Upright				
•	hybrid produces leeks with very lor and dark green foliage. It is suitabl	. ,					
NAVAJO	18 – 19 weeks	Long white	Very upright				
	ate Autumn, Winter and early Spring with high yield potential.	g production. Very upright plan	t with a long white, firm shaft.				
OSLO	17 – 19 weeks	Long white	Upright				
Dark blue-green leaf combined with its high cleaning efficiency. It has a high production of uniform shafts that are easy to peel. It performs well in the bolting slot. Suitable for late Winter and Spring production.							
TAKRIMA	18 – 19 weeks	Long white	Very upright				
Thinner stem type suitable for pre-packs and bunch. Highly suitable for direct seeding. Very upright plant with a long white shaft and mid green leaves. Easy cleaning with year round potential.							



LETTUCE - ICEBERG

VARIETY	MATURITY FROM TRANSPLANT	HEAD TYPE	DISEASE RESISTANCE	SEASON		
MONTEREY	7 - 8 weeks	Large, mid green		Warm		
	Large framed Vanguard style lettuce for warm season production. Very sure heading with excellent tipburn tolerance. Medium – large head size, short core. Should be trialled in the Raider timeslot.					
** TAURUS	9 - 10 weeks	Large, mid green	DMR 16,21.23,32	Cool		
	Vigorous variety with excellent adaptability to different growing areas. Consistent size and uniformity. Producing average head weight of over 1 kg. Large frame suitable for fresh market use in Queensland (Winter) and Victoria (Spring).					
LOPEZ	8 - 10 weeks	Large, dark green	DMR – to be advised	Warm shoulder		
Reliable Spring harvest variety for southern markets. Very vigorous and uniform variety. Nice glossy dark green colour with a large frame. This variety sits up off the ground. Shows good field tolerance to DM.						



LETTUCE

VARIETY	MATURITY FROM TRANSPLANT	HEAD TYPE	DISEASE RESISTANCE	SEASON		
		cos				
JEENA	6 – 8 weeks	Little Gem	Bl 16-35	All year round		
	ossy green colour. Early n hydroponic and open fiel		Uniform shape and size	at harvest. Adaptable		
KLONDIKE	7 – 8 weeks	Medium to large, blonde	BI 16-28, 30-32	Warm		
Blonde processing Cos Especially strong again	s for warmer weather. Pro st bolting and tipburn.	duced a medium to large	heart with high leaf coun	t and excellent weight.		
POCO	7 - 9 weeks	Mid sized		Most		
	omaine with good head w core. Excellent recovery					
SYMPHONY	7 - 9 weeks	Medium to large, mid green	Bl 16-25	Warm		
	d Cos suitable for a range ed well under warm grow					
TIMON	7 – 8 weeks	Mid-sized		All year round		
Excellent midi cos varie green colour and an ex	ety. Long bullet shape, sho cellent shape.	ort core and no visible tipl	ourn. Timon has a very sn	nooth rib, shiny dark		
ZAZU	7 - 8 weeks	Mid sized	Bl 16-23	Cool		
number of uniform size	A quality variety which displays good head weight for its size. Light green midi type which produces an exceptionally high number of uniform sized, useable leaves. It is early closing but still has good tolerance to tipburn. The taste and eating qualities are a stand-out of this variety.					
MIGNONETTE						
MIGNONETTE BROWN	7 weeks	Small, loose, brown head		Most		
Soft, lightly savoyed dark green and russet coloured leaves.						
MIGNONETTE GREEN	7 weeks	Small, loose, green head		Most		
Small medium green heads with a soft, slightly savoyed leaf.						



MELON

VARIETY	MATURITY FROM SOWING	FRUIT SHAPE	WEIGHT	SKIN	INTERNAL COLOUR	
HONEYDEW						
HYBRID						
DINO	11 – 13 weeks	Round	1.8 – 2.5kgs	White with green fleck	White	
Uniform slightly oblong a good balance betwee Northern WA & Qld.						
GALAXY	12 - 13 weeks	Round	3 – 3.5 kg	Very white	Bright green	
Large fruited, white sk resistance to Powdery			ive vine. Good yield	potential and excelle	nt quality. Useful	
SWEET JEWEL	11 – 13 weeks	Round	2.5 – 3 kg	Very white	Green	
Main season variety wi characterised by very f						
SWEET PERIDOT	11 – 13 weeks	Round	2 – 2.5kg	Very white	Green	
Main season green fles Resistant to Fusarium				white skin, with a sma	all seed cavity.	
VARIETY	MATURITY FROM SOWING	FRUIT SHAPE	WEIGHT	SKIN	INTERNAL COLOUR	
		ROCKM	ELON			
HYBRID						
→ AKILES	11 – 12 weeks	Round/Oval	1.5 – 2kgs	Light net	Deep orange	
NEW. High quality melon suited to early production. Medium vigour, open and healthy plant. Very small tight cavity. Well balanced plant with good vine cover. Good taste. Disease Resistance: Fom (0,1,2) Px (1,5)						
GOULDIAN	11 – 12 weeks	Round / oval	2 – 2.5 kg	Moderate net	Orange	
Excellent Harper type rockmelon, best suited for Winter growing in Northern Queensland. Plant has a very strong vigour with good yield potential. Fruit flesh is very firm and crisp with tight cavity and high brix.						





OKRA

VARIETY	MATURITY FROM SOWING	PLANT HEIGHT	POD TYPE		
OPEN POLLINATED					
CLEMSONS SPINELESS 80	12 - 14 weeks 90 - 110cm		6 - 8cm x 2cm Green spineless		
Pods are tapered towards the	tips. Pick pods young for prem	ium prices. Plants are frost ten	der.		
HYBRID					
GULLIVER	7 – 9 weeks	90 – 120cm	8.5 – 9cm x 1.6cm Angular		
Dark green pod colour. Suitab	le for greenhouse and open fie	ld in warmer regions. High yield	ing at early harvest stage.		
ЈОНИНУ	7 – 9 weeks	90 – 120cm	9cm x 1.4cm Angular		
Pods are dark green with soft	Pods are dark green with soft texture. May have a longer harvest window than other varieties.				

VARIETY	TYPE	BULB	STORAGE POTENTIAL			
BROWN						
OPEN POLLINATED	OPEN POLLINATED					
BARON	Early Intermediate	Globe	Excellent			
Vigorous grower with very god	od skin quality and keeping abil	ity.				
GLADALAN BROWN	Mid Short Day	Mid Short Day Globe, medium to large size				
An adaptable variety, which pe	erforms well in most onion grow	ving regions.				
M & R EARLY IMPROVED	Very Early Intermediate Globe, medium to large size Excellent					
Superior selection of the origi	nal New Zealand strain. Export	quality.				
MERCEDES	Intermediate	Globe, medium to large size	Excellent			
Selected for uniformity of bulb shape. Suitable for export.						
MUNDULLA GOLD Late Intermediate Globe Excellent						
Similar maturity to Murray Brow	n. Very dark brown skins. High y	vielding. Exceptional bulb uniformi	ity.			



VARIETY	VARIETY TYPE BULB		STORAGE POTENTIAL	
	BRC) W N		
HYBRID				
BEECH	Early intermediate	Globe	Excellent	
develop skin colour. In combir		a very consistent skin quality at d large size, it is a perfect choic bulbs.		
→ CATTENA	Short Day	Uniform glob shape, large sizing	Good	
NEW. High yielding short day curing.	onion. Noted for its strong folia	age tolerance to leaf disease. Ex	ccellent bulb colour after	
COPPERHEAD	Early Short Day	Uniform globe shape, medium size	Good	
Consistently medium shaped	onion with excellent colour. Imp	roved skin retention and storage	e ability for its type.	
GOBLIN	Early Intermediate	Large globe	Good	
cool soil conditions and is cap	Goblin is extremely vigorous giving it a wider sowing window than other lines of this type. Germinates quickly under cool soil conditions and is capable of producing large sized bulbs with attractive golden brown colour. Foliage is strong against mildew. Medium storage potential.			
LUCINDA	Mid Short Day	Globe, medium size	Very good	
High quality, medium size. Very uniform globe shaped bulbs with excellent skin colour. Outstanding firmness and storage for an onion of the maturity.				
MANUELLA	Short Day	Deep globe	Medium	
Mid-Short-day variety. It has a robust root system, high yield, and great firmness. Outstanding pink root resistance with adequate storage capacity for a short-day onion.				





VARIETY	TYPE	BULB	STORAGE POTENTIAL		
BROWN					
HYBRID					
OLIVINE	Late Intermediate	Globe	Excellent		
	even maturity. Very dark brown maturing OP varieties. Long ter	n skins. Excellent skin retention rm storage potential.	. Should give growers higher		
OVERLANDER	Mid intermediate	Uniform globe shape	Excellent		
		are firm, globe shaped with ve m. Very high percentage of first			
PATHFINDER	Early Intermediate	Globe, medium size	Good		
storage potential. Has a very	wide sowing window dependin	ellent skins. It produces very fir g on location. Best suited to V od versatility (wide sowing wind	ic and Tas. Not suited to SA.		
● PELOTON	Mid-intermediate	Very uniform, Globe	Excellent		
		at uniformity. Golden brown skin e shape with good bolting tolera			
● PENDARVES	Over-Wintering	High globe	Medium		
		h yielding - bulbs late in the cyc te April to mid-May in Southern			
PLUTONUS	Intermediate	High globe, large	Excellent		
	Plutonus is an Intermediate, brown hybrid. It produces very firm, high globe bulbs with extremely good storage potential. Foliage is large, vigorous and strong against mildew. Should be sown in the late part of the PLK timeslot.				
PYTHON	Very Early Intermediate	Globe, medium to large size	Very good		
Bulbs have very well retained	Very Early Intermediate brown hybrid possessing medium to large globe shaped bulbs. Generally highly single centred. Bulbs have very well retained attractive dark brown skins and very firm flesh. Good storage potential – especially considering its maturity class.				
RIDGE LINE	Very Late Intermediate	Very uniform globe	Excellent		
Firm globe shape bulbs with thin necks, dark glossy brown in colour and excellent skin retention. Large bulbs with high pack outs and highly singled centres with good bolt tolerance. Good tolerance to pink root and basal rot.					



	VARIETY TYPE		BULB	STORAGE POTENTIAL		
BROWN						
	HYBRID					
O	SAMANTHA	Very late Intermediate	Globe	Excellent		
excell		combination of vigorous growth,	ellent bulb quality with beautiful of extremely high yields, bulb qua			
0	SHINTO	Over-Wintering	Globe, large size	Limited		
south onion	ern regions of Australia i with medium brown skir	t can produce 70 - 90mm bulb	ing very high yields. Suitable for sup to 3 weeks earlier than M& so should be used for early don olting.	R Early types. It is a milder		
₽	TRAILBLAZER	Mid Intermediate	Very uniform globe shape bulbs	Excellent		
Firm globe shape bulbs, dark glossy brown in colour and excellent skin retention. Medium bulbs with high pack outs and highly singled centres with good bolt tolerance. Good tolerance to pink root and basal rot.						
DAKII	TREKKER	Mid Intermediate	Excellent uniform globe shape	Excellent		

highly singled centres and good bolt tolerance. Good tolerance to pink root and basal rot.



	VARIETY	TYPE	BULB	STORAGE POTENTIAL			
	RED						
	HYBRID						
0	BARBERA	Intermediate	Globe	Excellent			
High shap		entred. Great pack out potentia	l with improved storage compa	red to Cabernet. Tight, globe			
<u>~</u>	BAROLO	Late Intermediate	Globe	Excellent			
			lark red interior. Develops intern Barolo's 5 to 6 month storage w				
0	CABERNET	Intermediate	Globe	Excellent			
		ood resistance to a range of foli ery good storage characteristic	ar diseases. Very intense red co	olour with single centres.			
0	MALBEC	Short Day	Flattened globe	Limited			
		pe with good storage for its type Should avoid soils with potentia	e. Excellent top vigour with impr I Pink Root issues.	oved Downy Mildew tolerance			
<u>~</u>	MONASTRELL	Intermediate	Globe to slightly flattened globe	Excellent			
harv exce	est window, this variety p	roduces medium to large onions development, Monastrell has a	and is slightly larger in size. Higl s averaging 80 - 100mm. Featur dark red skin and a round to slig	ing single-centres and			
Q	RUBILLION	Late Intermediate	Very uniform globe shape bulbs	Very good			
	Rubillion is a hybrid red, long day type with early maturity. Large globe shaped bulbs are dark red both internally and externally with a high percentage of single centres.						
0	TANNAT	Late Intermediate	Globe	Excellent			
			ellent exterior and interior colour rous showing good tolerances to				
3	ZINFANDEL	Early Intermediate	Globe to slightly flattened globe	Very good			
	NEW. Zinfandel is a new release from Enza Zaden. Produces large, dark red onions. Very strong foliage and excellent in areas where pink root is an issue. Highly single centred.						



VARIETY	TYPE	BULB	STORAGE POTENTIAL			
	WH	ITE				
OPEN POLLINATED	OPEN POLLINATED					
GLADALAN WHITE	Mid Short Day	Globe, medium to large size	Fair			
Adaptable variety well suited	to many growing regions.					
WHITE SPANISH	Intermediate	Globe, medium size	Excellent			
Very firm main season onion v	Very firm main season onion with outstanding skin retention. Industry standard for storage white.					
HYBRID						
MISTY	Early Short Day	Globe, medium size	Good			
Early Short Day. The variety has large, uniform globe-grano shaped bulbs (90 - 100 + mm depending on location, seasons factors and planting date) which have good colour and skin retention. It has good firmness and storage ability for this type of onion.						
PIRINEOS	Late Short Day	Globe	Medium			
Pirineos is a non-greening, uniform sizing white skin onion. Strong root vigour under pink root pressure. It has a vigorous plant with dark green foliage and medium necks. Bulbs are round with excellent uniformity and very firm. High tolerance to pink root.						
WHITEHAVEN	Late Short Day	Uniform globe, medium to large size	Good			
This variety exhibits a very firm white onion for the table market. Very strong tolerance to greening and a strong tolerance to Pink Root.						



VARIETY	MATURITY FROM SOWING	FOLIAGE	STEM TYPE	
	STRAIG	HTLEAF		
OPEN POLLINATED				
STRAIGHTLEAF	10 weeks	Blue green, upright	Single stem	
Suitable for year round cultiva	tion.			
ZEFFA	10 weeks	Blue green, upright	Single stem	
Suitable for year round produc	ction in Southern areas. Useful	field tolerance to Mildew.		
HYBRID				
ZEUS	10 weeks	Blue green, waxy	Long, thick single stem	
Extremely uniform leaf characteristics. Dark blue green leaf colour with heavy leaf wax. Vigorous strong leaf and root system. Suitable for year-round production.				
ZOOLANDER 10 - 12 weeks		Dark blue-green, upright	Long, thick single stem	
Dark blue-green hybrid bunching onion for use all year round. Highly uniform shank length and size. Easy to clean after harvest. Increased harvest efficiency means lower harvest costs.				



ORIENTAL VEGETABLES

VARIETY	MATURITY	TYPE			
CHINESE CABBAGE					
HYBRID					
AUTUMN TREASURE	8 – 10 weeks from transplant Conical				
Clubroot resistant hybrid Chinese cabb	age. Shape is an elongated barrel. Very so	lid with excellent bolting tolerance.			
♠ CHEROKEE	70 – 85 days from sowing	Conical			
Autumn / Winter and early Spring. Head	d size 2.5 - 3 kg. Slow bolting. Intermediate	e resistance to Clubroot.			
DELTA	6 – 8 weeks from transplant	Conical			
Hybrid mini Chinese cabbage with yello high density.	Hybrid mini Chinese cabbage with yellow internals. Quick maturing. Average weight around 600 grams when planted at high density.				
SPRING DOLL	8 – 10 weeks from transplant	Conical			
	ution under cool conditions. Very slow boltin Dark green with yellow internals. Intermedia				
	CHINESE GREENS				
OPEN POLLINATED					
PAK CHOI - WHITE STEM	45 - 50 days	Upright, non heading			
Open, non heading variety with pure wh	nite stems and glossy green leaves.				
HYBRID					
JOI CHOI	40 - 50 days	Non heading, very upright			
Non heading loose leaf variety with ivor	y white stems.				
PAK CHOI - GREEN STEM 8 - 9 weeks Upright, non heading					
Non Heading type with glossy green, bulbous stems and short rounded leaves.					



PARSLEY

VARIETY	MATURITY FROM TRANSPLANT	LEAF TYPE		
⇒	10 weeks Dark green, flat le			
NEW. Flat leaf parsley variety that is a demarket, pot or processing.	ependable standard. Large palmate leaves	and strong stems. Suitable for fresh		
KATINKA	10 - 12 weeks	Dark green, double curled		
Double curled parsley, medium to dark green. Very high yields, uniform in growth and curl. Upright and easy to clean. For all markets especially for Winter to Spring with early curling.				
ORFEO	10 - 12 weeks	Dark green, double curl		
Double curled parsley. Very uniform dark green, strong curled leaves. Excellent shelf life. This variety is suitable for pots and outdoor production.				
PEIONE	10 weeks	Plain leaf, dark green, glossy		
Gigante D' Italia type with high uniformity, dark green glossy colour. It has larger leaves resulting in higher yields. Suitable for fresh market and processing. Intermediate Resistance to downy mildew.				



PUMPKIN

VARIETY	MATURITY FROM SOWING	FRUIT SHAPE	SIZE	SKIN	INTERNAL COLOUR
	'	BUTTE	RNUT	'	
OPEN POLLINATED					
BUTTERNUT LARGE	16 - 19 weeks	Blocky	20 x 12cm	Mustard yellow	Bright orange
Produces blocky en	ided fruit on a manag	eable vine. Delicious	flavour.		
BUTTERNUT WALTHAM	16 - 18 weeks	Pear	18 x 10cm	Mustard yellow	Deep orange
Fruit are tapered to	the stem end. Reaso	nable keeping quality	/.		
HYBRID					
ANNABELLE	16 – 18 weeks	Blocky	24 x 14cm	Mustard yellow	Deep orange
Strong plants, adaptable, with good fruit cover. Excellent fruit shape and size uniformity. Good internal quality, bright orange, firm, with a small seed cavity. Fruit set is excellent. Holds its size under variable conditions. Disease resistance: IR: ZYMV / WMV / PRSV					quality, bright
HAVANA	15 – 18 weeks	Pear	19 x 19cm	Mustard yellow	Deep orange
Waltham type. Exce Outstanding yield p	ellent fruit shape and sotential.	size uniformity. Good	internal colour with	a small cavity.	
JACQUELINE	15 – 18 weeks	Long, blocky	20 x 12cm	Mustard yellow	Deep orange
Very productive blocky fruit. Size and shape is uniform with tidy blossom end scar. Internal colour and texture is very good. Small cavity.					
MATILDA	16 - 18 weeks	Blocky	40 x 15cm	Mustard yellow	Deep orange
	High yielding Butternut Large type. Will make larger size than most Butternuts under cool conditions. Good storage ability. High recovery makes it ideal for processing.				
TIANA	16 - 18 weeks	Long, blocky	18 x 8cm	Mustard yellow	Bright orange
High yielding. Small long blocky butternut around 1kg. High quality, consistent production. Intermediate resistance to ZYMV.					



PUMPKIN

VARIETY	MATURITY FROM SOWING	FRUIT SHAPE	SIZE	SKIN	INTERNAL COLOUR
FIELD					
PEN POLLINATED					
JARRAHDALE LARGE	16 - 18 weeks	Thick flat	35 x 22cm	Grey	Orange
Larger version of W	/A Grey. Produces go	od-sized fruit under o	cool conditions.		
QLD BLUE SPECIAL STRAIN	18 - 22 weeks	Thick flat	28 x 20cm	Blue grey	Deep orange
Fruit are ribbed, wi	th a small blossom en	d button. Flesh is qu	ite dry.		
HYBRID					
MINARAY	13 – 15 weeks	Thick flat	22 x 16cm	Grey	Deep orange
	excellent storage. Me colour. Presents very		ging 3.5 - 4.5 kgs. A	ngular shoulder with	thick flesh. Flesh
NELSON	14 – 16 weeks	Thick flat	26 x 16cm	Grey	Deep orange
Vigorous early bush cavity. Good flesh c	type with fruit setting	g in crown of plant. A	verage fruit weight 4	.5kg. Deep orange fl	esh with small
SAMPSON	14 - 16 weeks	Thick flat	28 x 16cm	Grey	Deep orange
	caved top with a heav avity and thick 'meaty			all blossom end. Exce	eptional dark orang
SWEET GREY	14 - 16 weeks	Deep flat	25 x 16cm	Slate grey	Deep orange
Early maturing varie	ety with exceptional yi	eld and flavour. Suita	ble for both fresh ma	arket and processing.	
		KE	NT		
PEN POLLINATED					
JAP IMPROVED	14 - 17 weeks	Thick flat	20 x 14cm	Mottled green	Orange
Produces delicious	, sweet, fleshy pumpk	ins. Not recommende	ed for storage.		
HYBRID					
JACKAROO	14 - 17 weeks	Thick flat	20 x 15cm	Mottled green	Orange
Kent type. Produces sweet, fleshy, delicious pumpkins. Slightly ribbed. Small cavity with good internal colour. High yield potential.					
⇒ J UMBUCK	14 – 17 weeks	Thick deep	20 x 15cm	Mottled green	Deep Orange
NEW. Kent Type. V large fruit size. Higl	ery strong, robust pla n yield potential.	nt. Produces deep, h	igh quality fruit with	exceptional internal o	colour. Medium to
RINGER	13 – 15 weeks	Thick	18 x 14cm	Mottled green	Dark orange
	nan other Kent types. Ders of fruit that can b				



RADISH

VARIETY	MATURITY FROM SOWING	BULB	FOLIAGE
OPEN POLLINATED			
FIREBALL	25 - 30 days	Round, bright scarlet	Tall
Best performance during Wi	nter months.		
LONG WHITE CHINESE	55 - 60 days	Long, Asian type	Tall, semi upright
Suitable for warm season cu	ıltivation. Roots average 40 x 6cn	1.	
RED MEAT	55 - 60 days	Round, white	Medium
Beautiful red flesh, bulb is ro Recommended season is Su	ound 7-9cm in diameter. Suitable immer to Autumn.	for salads, pickling and cooking	g. Root weight is 150-200gr.
HYBRID			
ARAMAC	55 – 60 days	Long, white	Tall, semi upright
	oulder. Medium sized dark green nt vigour makes it suitable for all y		with diameter of 8cm. Good
CELESTA	25 - 30 days	Round, deep red	Upright compact tops
Very uniform bulbs with inter	nse red skins and crisp white fles	h. Less splitting and marking th	an other varieties.
ESTELLA	25 – 30 days	Round, deep red	Compact tops
	ust with compact foliage. Suitable for Spring to Autumn harvest.	e for machine harvest and for op	pen field crops. It has medium
RUDOLPH	25 - 30 days	Round, deep red	Medium tops
Extremely uniformed shaped	roots, which have crisp white fle	esh.	
SKYLAR	25 – 30 days	Round, deep red	Upright, medium tops
Excellent vibrant colour. Vigo are very good. Good toleran	orous tops even under cool condi	tions. High yields with excellent	uniformity. Internal qualities

SALAD MIX

A unique product.

BEET			
RED LEAF			
Baby leaf beetroot. Very uniform size and colour. Develops the red colour in the leaf and adds extra colour to the salad mix.			





SALAD MIX

LETTUCE					
VARIETY	PLANT TYPE	LEAF TYPE	DISEASE RESISTANCE		
ARETHA	Cos	Red salad cos	BI 16-28		
A new generation of red salac improved shelf life and better	d cos. The leaf colour is dark rec performance against mildew.	d and has a very thick, slightly b	listered texture. Selected for		
→ ■ BARNSY	Red Tango	Incised leaf	BI 1-9 (USA)		
NEW. Red Tango with excelled mildew resistance.	ent texture. Attractive dark red c	olour. 3D leaf shape with nice fi	ne cut point. Strong downy		
BOWIE	Red Tango	Highly serrated	Bl 16-28		
A more intense red colour that which ensures that it washes	n Opal it has similar growth time	es and leaf characteristics. The	leaves have a strong texture		
⊃ ဳ BRUNO	Green Tango	Multi leaf type	BI 1-9 (USA)		
NEW. Coral multi leaf used for harvest. 3D shape with heavil	or direct sowing. Glossy dark co y indented leaf.	blour with great texture. Control	led growth for warm season		
CILLA	Green Oak	Frilled green oak	Bl 16, 18-20, 23-25		
	eaf margin. The texture is very the dalso offers multiple harvests.	nick offering good shelf life and	the colour is dark green.		
HUCKNALL	Lollo Rossa	Red coral	Bl 16-26		
A high yielding dark red coral in the field against Downy Mil	. The leaf has a thick texture and dew and Bacterial Leaf Spot.	d a slight blister giving it good v	vash recovery. Performed well		
⊃ 🕦 JOVI	Green Tango	Highly serrated	BI 1-9 (USA)		
NEW. Green coral multi leaf great texture leading to better	used for direct sowing. Vigorous	s upright variety for cooler cond	itions. Dark green colour with		
MARLEY	Green Tango	Highy incised	BI 16-23		
The latest introduction – it is v and complements Bowie.	ery high yielding. The colour is d	ark green and the leaf texture is	strong. Marley washes well		
OASIS	Green Oak	Fine shape	BI 16-28		
	y fine leaf shape with very strong attachment enables a very long		light leaf cupping, in		
SHEERAN	Red Oak	Dark red, lobed margins	BI 16-31		
Sheeran is a new dark red oak helps ensure that it doesn't sti	k leaf with a high level of Bremia ck to the bag after washing.	resistance. It is high yielding wit	h a slightly cupped leaf which		
SPRINGSTEEN	Cos	Green salad cos	BI 16-35		
Very vigorous green salad cos. Excellent leaf gloss with very sweet taste. Leaves are wide, slightly blistered with a thick texture. This variety is best suited to cooler climates.					
ZEPPELIN	Green Oak	Green, cupped	BI 16-28		
Slammer type with more cupp	ing in the leaf. Suited to a range	of markets due to the holding at	pility.		



SALAD MIX

MUSTARD	PLANT TYPE	LEAF TYPE			
ELKINGTON	Green Mustard	Incised leaf			
A high incised hybrid leaf must The unique shape adds appeal		tive, bright green colour and have	ve excellent uniformity.		
ROCKET					
DARKITA	Speedy Rocket	Fine serrations, dark green			
Darker version of Gemini with	finer leaf serrations. Fast maturi	ty. Good post-harvest storage at	ttributes.		
GEMINI	GEMINI Speedy Rocket Dark green, low internal yellowing, serrated				
Speedy rocket with wild rocket compared to wild rocket.	appearance. Fast maturing and	high yielding. Good post-harves	t attributes. Slightly milder taste		
→ GIUDITTA	Wild Rocket	Dark green, medium growth rate			
NEW. Very attractive dark gre regrowth potential.	en leaf. Upright growth habit. L	ong, finely indented leaf. Very p	ungent aroma/flavour. Excellent		
ULTRAMAX	Wild Rocket	Finely serrated			
This variety has a slightly bitte well after harvest.	r, peppery flavour with dark gree	en, aromatic leaves. It has good	bolting tolerance and re-grows		
SWISS CHARD	SWISS CHARD				
RHUBARB RED		Bright green			
A very reliable variety which is popular in salad growers' programmes. It is selected for improved bright red stems which extend well into the leaf veins.					



SILVERBEET

VARIETY	VARIETY MATURITY FROM TRANSPLANT		PLANT HEIGHT		
FORDHOOK GIANT 9 - 10 weeks		Dark green, heavily savoyed	Up to 75cm		
A reliable, high yielder particu	larly during warmer seasons. M	id-rib is broad and white.			
SUCCESS 9 - 10 weeks Dark green, savoyed 40 - 45cm					
Dark green savoyed leaves on short plant with white stems. Good for whole plant harvesting.					

SPINACH

VARIETY	GROWTH RATE	LEAF TYPE	DISEASE RESISTANCE			
EWING	Slower	Paddle	Pe: 1-7,11,13,15,16			
	shoulder periods in southern min autumn or early Spring. Slow		imates. Leaf texture is semi			
PAYTON	Very Slow	Round Semi savoy	Pe: HR: 11,16; IR: 1-8,12,14,15,16,18,19			
Very late bolting with excellen shape round semi savoy	Very late bolting with excellent heat tolerance. Suitable for sowing in late Spring and Summer. Very dark glossy green. Leaf shape round semi savoy					
RODMAN Fast growing		Oval to Paddle Pe: 1-7,11,13,15				
This variety is most suitable for growing in the cold shoulder segments where high vigour is required. Leaves have a dark, glossy green colour with oval to triangular shape. Your true Winter spinach						



VARIETY	MATURITY FROM SOWING	PLANT HABIT	SKIN	FRUIT SHAPE
HYBRID				
DELICA	12 - 17 weeks	Trailing	Dark green with lighter ribbing	Round, flattened
Kabocha / Japanese ty	pe squash. Fruit average	2 - 3kg in weight with a d	istinct sweet, dry nutty fla	avour.
GOLDEN BUTTONS	6 - 8 weeks	Bush	Golden yellow	Round, flattened
Scallop edged button s	squash. Superb eating qua	alities. Greening can occu	ur under certain condition	s.
POTKIN SMALL	14 - 15 weeks	Trailing	Almost black with lighter ribbing	Deep round up to 3.5kg
Produces delicious dry fruit which has outstanding storage potential.				
SUNBURST	5 - 7 weeks	Bush	Golden yellow	Flattened with scalloped edge
For best flavour, harves	For best flavour, harvest at diameter of 6 - 8cm. Can show greening under certain conditions.			

SWEDE

VARIETY	MATURITY FROM SOWING	ROOT SHAPE		
OPEN POLLINATED				
LAURENTIAN	16 - 17 weeks	Globe, 13 - 14cm		
Produces a more refined product suitable for processing. High yielding.				

SWEETCORN

VARIETY	MATURITY FROM SOWING	СОВ	DISEASE RESISTANCE
HYBRID			
BROADWAY	82 - 85 days	Bright yellow	MR : ET IR: PS; MDMV

Early maturing, robust, sturdy plants that produce a uniform plant stand. Produces attractive uniform cylindrical cob with good tip fill. Cobs are 18 – 19cm with excellent husk protection and a dark flag.





TOMATO

VARIETY	MATURITY FROM TRANSPLANT	FRUIT TYPE	PLANT HABIT	DISEASE RESISTANCE	
CHERRY					
HYBRID					
MYGLIORITO	10 weeks	Round 20 – 25g	Indeterminate	ToMV:0,2, Fol 0,1, Va:0, Vd:0, TYLCV, Ma, Mi/Mj	
	ort and very regular intern Regular and long cluster				
FIE	LD TYPES -	ROUND IN	DETERMINA	TE	
HYBRID					
ASIL	9 – 10 weeks	Globe, red. 150g	Indeterminate	TMV, Fol 0,1, N	
	se appearance – deep red rowth habit developing ex				
PELLINORE	10 – 12 weeks	Deep globe, red 180-200g	Indeterminate	Fol:0,1,2/ TMV/ TSWV/ TYLC/ Ff(A- E)/ Va/ Vd/ N	
	trolled, almost self-termin a large tomato with grea				
SYLVIANA	10 - 12 weeks	Deep globe, red 180g	Indeterminate	TMV; Ff; TSWV; TYLCV; Fol 0,1,2; V; N	
	Uniform medium to large sond amounts need to be co		shelf life. Fruit sizes even	ly up the vine.	
IND	OOR TYPES	- ROUND II	NDETERMIN	ATE	
⊃ ‱ ≭ RUNNER	10 – 12 weeks	Deep globe, glossy red-200g plus	Indeterminate	Fol:0,1/ Pf A-E/ ToMV/ TSWV/ Va/ Vd/ Fon/ Ma/ Mi/ Mj	
	um to highly vigorous plan ability with deep red color		Very good setting ability i	n most conditions.	
⊃ <u>®</u> VAYANA	10 – 12 weeks	Deep globe, red 150-200g	Indeterminate	Fol(0,1)/ Ma/Mi/Mj/ Pf/ Tm:0-2/ ToMV/ TYLCV/ Va(0)/ Vd(0)	
	mato, highly suited to indo ernodes. Suited to single		Round to flat-round shap	e with very good shelf	
WIN WIN	10 – 12 weeks	Deep globe, red 180g	Indeterminate	Fol 0,1,2, ToMV TSWV, TYLC	

Strong robust Indeterminate tomato with F3 resistance. Excellent firmness for long shelf life. Medium plant size with short internodes. Early maturing variety.



TURNIP

VARIETY	MATURITY FROM SOWING	ROOT SHAPE		
OPEN POLLINATED				
PURPLE TOP WHITE GLOBE	10 - 11 weeks	Globe, 7 - 8cm		
The upper part of the root is glossy purple with the lower section vivid white.				

WATERMELON

VARIETY	MATURITY FROM SOWING	FRUIT SHAPE	SIZE	FLESH COLOUR
		SEEDED		
OPEN POLLINATE	:D			
WARPAINT	14 - 15 weeks	Round	11 - 13kg 30 x 35cm	Intense red
Mid green with a dark	er green jagged stripe. Still a	popular variety due to its	excellent transportability a	nd premium quality fruit.
		SEEDLESS		
HYBRID				
ORIGENE ESSENCE	11 – 12 weeks	Round	8 – 10 kg*	Deep red
Southern growing re	very high yields of quality fr gions. Fruit has excellent fla afted plant, Essence has sh	vour and texture which st	ays firm post harvest. Da	
OCEAN FRESH	11 – 12 weeks	Round	8 – 10kg	Dark red
sweet flavour. The fle	ermelon producing medium esh is very firm and with a hi ited to shoulder season in N	gh level of Lycopene givin	ng the deep red colour. V	ine is very vigorous and
OPPEGENE TALCA	11 – 12 weeks	Slightly oval	8 – 10kg	Dark red
Seedless watermelo Outstanding sweet,	n with very dark stripes. Min crisp flesh.	imal fibre, good shelf life.	Robust vine with very hi	gh yield potential.
	MI	NI SEEDLES	SS	
OMES BELINDA	4	Round	2 – 2.5kg	Dark red
Firm sweet flesh with	n excellent shelf life. Perfect	ly fits 6 - 8 fruit in the box	(.	
BUMBLE BEE		Round	3 – 4kg	Yellow
Dark green skin. Early maturity. Firm flesh				
ORIGENE SKY LINE	10 – 11 weeks	Round, Tiger stripe	3 – 3.5kg	Dark red
Exceptional vine stre	nath and fruit size uniformity	. Red, firm flesh, perfectl	y suitable for personal w	atermelon market.



WATERMELON

VARIETY	MATURITY FROM SOWING	FRUIT SHAPE	SIZE	FLESH COLOUR	
	POLLINATOR				
VARIETY					
Jagar LION KING					

NONEDIBLE pollinator with strong adaptable plant. Continuous production of male flowers over fruiting period. Fruit is small 3-4kgs grey/green colour. IR to Powdery mildew, in trials to date Lion King has shown good field tolerance to fusarium.

ZUCCHINI

VARIETY	MATURITY FROM SOWING	PLANT HABIT	SKIN	FRUIT SHAPE
HYBRID				
BROOKTON	5 – 7 weeks	Very open bush	Glossy, dark green	Cylindrical
	with very good fruit set. Hi g production. Disease res		form fruit. The variety per	rforms best in Autumn,
GOLDIE	7 - 9 weeks	Strong, open plant	Bright golden yellow	Slightly bulbous cylindrical
The strong plant produ	ces high yields of bright y	ellow, attractive fruit. Ste	ms are contrasting dark g	green.
ZEINA	5 - 7 weeks	Semi-open bush	Green - white	Bulbous
Lebanese type. Very vigorous plant - high yielding. Fruit is 10 - 15cm in length. Light green in colour. Uniformly tapered at the stem end - wider at blossom end.				



PLANT POPULATION PER HECTARE

PLANT SPACING			1.5 M BEDS			1.5 BE	MDS	2.4 M BEDS	3 M BEDS
(CM)	6 ROWS	4 ROWS	3 ROWS	2 ROWS	1 ROW	2 ROWS	1 ROW	1 ROW	1 ROW
1CM	4020000	2680000	2010000	1340000	670000	1176400	588200	416700	333300
2CM	2010000	1340000	1005000	670000	335000	588200	294100	208350	166650
ЗСМ	1340000	893333	670000	446667	223333	392133	196067	138900	111100
4CM	1005000	670000	502500	335000	167500	294100	147050	104175	83325
5CM	804000	536000	402000	268000	134000	235280	117640	83340	66660
6CM	67000	446667	335000	223333	111667	196067	98033	69450	55550
7CM	574286	382857	287143	191429	95714	168057	84029	59529	47614
8CM	502500	335000	251250	167500	83750	147050	73525	52088	41663
9CM	446667	297778	223333	148889	74444	130711	65356	46300	37033
10CM	402000	268000	201000	134000	67000	117640	58820	41670	33330
12CM	335000	223333	167500	111667	55833	98033	49017	34725	27775
15CM	268000	178667	134000	89333	44667	78427	39213	27780	22220
18CM	223333	148889	111667	74444	37222	65356	32678	23150	18517
20CM	201000	134000	100500	67000	33500	58820	29410	20835	16665
25CM	160800	107200	80400	53600	26800	47056	23528	16668	13332
30CM	134000	89333	67000	44667	22333	39213	19607	13890	11110
37CM	108649	72432	54324	36216	18108	31795	15897	11262	9008
44CM	91364	60909	45682	30455	15277	26736	13368	9470	7575
50CM	80400	53600	40200	26800	13400	23528	11764	8334	6666
60CM	67000	44667	33500	22333	11167	19607	9803	6945	5555
80CM	50250	33500	25125	16750	8375	14705	7353	5209	4166
100CM	40200	26800	20100	13400	6700	11764	5882	4167	3333
120CM	33500	22333	16750	11167	5583	9803	4902	3473	2778
180CM	22333	14889	11167	7444	3722	6536	3268	2315	1852
200CM	20100	13400	10050	6700	3350	5882	2941	2084	1667
250CM	16080	10720	8040	5360	2680	4706	2353	1667	1333
300CM	13400	8933	6700	4467	2233	3921	1961	1389	1111
350CM	11486	7657	5743	3829	1914	3361	1681	1191	952

USE THIS CHART TO DETERMINE ACTUAL NUMBER OF PLANTS PER HECTARE PLANTED.

No allowance has been made for headlands, spray rows, irrigation channels, etc, in these calculations.



SEED REQUIREMENT PER HECTARE

IN GRAMS AND KILOGRAMS

	GRAM

											JLL	DSFL		V IIVI											
_		0.5	1	2	4	6	8	10	15	20	25	50	100	150	200	300	400	500	750	1000	1250	1500	2000	2500	3000
	1	2.0	1.0	500	250	175	125	100	67	50	40	20	10	7	5										
	2	4.0	2.0	1.0	500	333	250	200	133	100	80	40	20	13	10	6.7	5.0								
	2.5	5.0	2.5	1.3	625	417	313	250	167	125	100	50	25	17	13	8.3	6.3	5							
	3	6.0	3.0	1.5	750	500	375	300	200	150	120	60	30	20	15	10	7.5	6							
	3.5	7.0	3.5	1.8	875	583	438	350	233	175	140	70	35	23	18	12	8.8	7							
	4	8.0	4.0	2.0	1.0	667	500	400	267	200	160	80	40	27	20	13	10	8	5.3			GRA	MS		
	4.5	9.0	4.5	2.3	1.1	750	563	450	300	225	180	90	45	30	23	15	11	9	6.0	_					
	5 5.5	10 11	5.0 5.5	2.5 2.8	1.3	833 917	625 688	500 550	333 367	250 275	200 220	100 110	50 55	33 37	25 28	17 18	13 14	10 11	6.7 7.3	5 5.5					
	6	12	6.0	3.0	1.5	1.0	750	600	400	300	240	120	60	40	30	20	15	12	8.0	6					
	7	14	7.0	3.5	1.8	1.2	875	700	467	350	280	140	70	47	35	23	18	14	9.3	7	5.6				
	8	16	8.0	4.0	2.0	1.3	1.0	800	533	400	320	160	80	53	40	27	20	16	11	8	6.4	5.3			
	9	18	9.0	4.5	2.3	1.5	1.1	900	600	450	360	180	90	60	45	30	23	18	12	9	7.2	6.0			
	10	20	10	5.0	2.5	1.7	1.3	1.0	667	500	400	200	100	67	50	33	25	20	13	10	8	6.7	5.0		
	13	26	13	6.5	3.1	2.1	1.6	1.3	833	650	500	250	125	83	63	42	31	25	17	12.5	10	8.3	6.3	5.0	
	15	30	15	7.5	3.8	2.5	1.9	1.5	1.0	750	600	300	150	100	75	50	38	30	20	15	12	10	7.5	6.0	5.0
	18	36	18	9.0	4.4	2.9	2.2	1.8	1.2	875	700	350	175	117	88	58	44	35	23	17.5	14	12	8.8	7.0	5.83
	20	40	20	10	5.0	3.3	2.5	2.0	1.3	1.0	800	400	200	133	100	67	50	40	27	20	16	13	10	8.0	6.67
	25	50	25	13	6.5	4.2	3.1	2.5	1.7	1.3	1.0	500	250	167	125	83	63	50	33	25	20	17	13	10	8.33
	30	60	30	15	7.5	5.0	3.8	3.0	2.0	1.5	1.2	600	300	200	150	100	75	60	40	30	24	20	15	12	10
	35	70	35	18	8.8	5.8	4.4	3.5	2.3	1.8	1.4	700	350	233	175	117	88	70	47	35	28	23	18	14	12
PLANTS	40	80	40	20	10	6.7	5.0	4.0	2.7	.7 2.0 1.6 800 400 267 200 133 100 80 53 40 32	32	27	20	16	13										
PER	50	100 120	50	25	13 15	8.3	6.3	5.0 6.0	3.3 4.0	3.0	2.0			400	300	200	150	120				33	25 30	20	17 20
HECTARE	60 70	140	60 70	30 35	18	10 12	7.5 8.8	7.0	4.0	3.5	2.4	1.2	600 700	467	350	233	175	140	80 93	60 70	48 56	40 47	35	24 28	23
(000)	80	160	80	40	20	13	10	8.0	5.3	4.0	3.2	1.6	800	533	400	267	200	160	107	80	64	53	40	32	27
	90	180	90	45	23	15	11	9.0	6.0	4.5	3.6	1.8	900	600	450	300	225	180	120	90	72	60	45	36	30
	100	200	100	50	25	17	13	10	6.7	5.0	4.0	2.0	1.0	667	500	333	250	200	133	100	80	67	50	40	33
	150	300	150	75	38	25	19	15	10	7.5	6.0	3.0	1.5	1.0	750	500	375	300	200	150	120	100	75	60	50
	200	400	200	100	50	33	25	20	13	10	8.0	4.0	2.0	1.3	1.0	667	500	400	267	200	160	133	100	80	67
	250		250	125	63	42	31	25	17	13	10	5.0	2.5	1.7	1.3	833	625	500	333	250	200	167	125	100	83
	300		300	150	75	50	38	30	20	15	12	6.0	3.0	2.0	1.5	1.0	750	600	400	300	240	200	150	120	100
	350		350	175	88	58	44	35	23	18	14	7.0	3.5	2.3	1.8	1.2	875	700	467	350	280	233	175	140	117
	400		400	200	100	67	50	40	27	20	16	8.0	4.0	2.7	2.0	1.3	1.0	800	533	400	320	267	200	160	133
	500		500	250	125	83	63	50	33	25	20	10	5.0	3.3	2.5	1.7	1.3	1.0	667	500	400	333	250	200	167
	750			375	188	125	94	75	50	38	30	15	7.5	5.0	3.8	2.5	1.9	1.5	1.0	750	600	500	375	300	250
	1000			500	250	167	125	100	67	50	40	20	10	6.7	5.0	3.3	2.5	2.0	1.3	1.0	800	667	500	400	333
	1500 2000				375 500	250 333	188 250	150 200	100 133	75 100	60 80	30 40	15 20	10 13	7.5 10	5.0 6.7	3.8 5.0	3.0 4.0	2.0 2.7	1.5 2.0	1.2 1.6	1.0 1.3	750 1.0	600 800	500 666
	2500				500	417	313	250	167	125	100	50	25	17	13	8.3	6.3	5.0	3.3	2.5	2.0	1.7	1.0	1.0	833
	3000					500	375	300	200	150	120	60	30	20	15	10	7.5	6.0	4.0	3.0	2.0	2.0	1.5	1.0	1.0
	3500		KII	.OGRAN	//S	500	438	350	233	175	140	70	35	23	18	12	8.8	7.0	4.7	3.5	2.4	2.3	1.8	1.4	1.0
	4000		INL				500	400	267	200	160	80	40	27	20	13	10.0	8.0	5.3	40	3.2	2.7	2.0	1.6	1.3
	4500							450	300	225	180	90	45	30	23	15	11.3	9.0	6.0	4.5	3.6	3.0	2.3	1.8	1.5
	5000							500	333	250	200	100	50	33	25	17	12.5	10.0	6.7	5.0	4.0	3.3	2.5	2.0	1.7

USE THIS CHART TO DETERMINE QUANTITY OF SEED REQUIRED TO PLANT.

NOTE: Raw figures used, so allowance must be made for germination loss, field emergence, double sowing, planter accuracy & losses to insects or disease which may cause seed useage to be increased by, in some cases, 50-100%.

PRODUCTION GUIDE

T		Tomato 1.5	Squash/Courgette 2.5 - 3	Spinach 12	Silverbeet 6	Radish 12	Pumpkin 3	Peas 70 - 80	-	Parsley 4 - 5	Onion - Bunching 12		Melon - Water* 2 - 3	Melon - Rock 1.0 - 1.5	Lettuce 2	Leek 3	Kohl Rabi 2	Eggplant -	Cucumber 2	Corn 12 - 15	Celery -	Cauliflower 1	Carrot 2 - 5	າ 2-	Cabbage 1	Brussels Sprouts 1	Broccoli 1	Beetroot 5 - 8	r 70	Beans Dwarf 60	Beans Broad 100	Asparagus 6	DIRECT (kg)	VEGEIABLE	
		100							ı			1			1000	1000		200		رن ا	250	200			300	300	300	•		1		2000	TRANSPLANT (gram)		SEEDS REQUIRED PER HECTARE
400	<u>А</u> ПО	250 - 350	5 - 10	100 - 130	40 - 60	80 - 100	4 - 6	ഗ	250 - 400	600 - 1000	280 - 300	280 - 300	10 - 30	30 - 35	800 - 1000	350	300	200 - 250	30 - 35	4 - 6	2000 - 2400	200 - 320	600 - 1000	120 - 160	250 - 320	250 - 320	200 - 320	55	4	3 5	_	50		(Approx)	SEEDS PER
C	ח	σı	10	25	ഗ	25	10	125	GI	ഗ	10	ഗ്വ	10	ഗ	ഗ്വ	ഗ	σı	20	σı	50	ഗ	ഗ്വ	ഗ്വ	σı	ഗ	σı	ഗ്വ	15	70	150	250	10	30 METRES (gram)	FOR	APPROX. QUANTITY SEED
30 - 40	20	100 - 150	150	30 - 40	40 - 50	30	200 - 300	20 - 60	25 - 40	30 - 40	10 - 30	25 - 40	200 - 250	150 - 200	30 - 50	40 - 50	30 - 40	60 - 90	120 - 180	70 - 100	30 - 40	60 - 90	25 - 40	60 - 90	60 - 90	60 - 90	60 - 90	25 - 40	100	50 - 60	40 - 90	150	THE ROWS	DETWEEN	PLANTING DISTANCE (Approx.)
0 -	ה ה	30 - 90	30 - 60	8 - 10	20 - 30	2	50 - 200	5 - 7	2 - 5	10 - 20	2	5 - 8	30 - 60	30 - 60	20 - 30	15	5 - 10	60	30 - 60	15 - 30	20 - 40	30 - 70	2 - 5	30 - 60	30 - 60	30 - 60	30 - 60	5 - 10		5 - 10	10 - 20	10 or 50	ROW (cm)	ADADT IN	OISTANCE
10 - 30	000	18 - 25	20 - 30	10 - 20	10 - 30	10 - 30	20 - 30	8 - 20	10 - 20	10 - 25	15 - 30	15 - 30	25 - 30	25 - 30	8 - 25	10 - 30	20 - 25	25 - 30	18 - 30	18 - 30	16 - 20	10 - 30	10 - 30	20 - 30	10 - 30	10 - 30	10 - 30	10 - 30	16 - 30	16 - 30	5 - 25	15 - 25	TEMPERATURE (C)	2	OPTIMUM GERMINATION CONDITIONS
c	ח	ω	7	œ	7	σı	7	ω	14	15	∞	œ	ഗ	ഗ്വ	GI	∞	σı	9	σı	თ	12	œ	œ	10	σ	ω	∞	σ	7	7	10	15	TIME (Days)		VIUM VATION TIONS
00 - 100		80 - 120	45 - 120	40 - 60	65 - 70	30 - 40	110 - 150	60 - 120	130 - 150	70 - 90	80 - 100	170 - 200	80 - 120	90 - 120	65 - 90	130 - 150	65 - 70	70 - 90	55 - 75	70 - 120	85 - 120	100 - 160	70 - 120	65 - 85	60 - 120	120 - 150	65 - 120	55 - 65	60 - 90	50 - 70	120 - 140	3 - 4 years	(Days)	MATURITY	USUAL
1.0	<u>.</u>	1.0	3.0	2.0	2.0	2.0	3.0	3.0	2.0	1.0	1.5	1.5	3.0	3.0	1.5	2.0	1.5	1.0	3.0	3.0	0.5	1.5	1.5	1.0	1.5	1.5	1.5	2.0	4.0	4.0	4.0	2.0	(CIII)	(CET) H	PLANTING

any Watermelon Hybrids have smaller seed (20 per gram) so only 2kg are required per hecta

Thinking Cauliflowers? Think ENZA & Terranova.

Altair



- Medium/large frame with good swirling wrap
- Well protected curds, domed and very white
- Good weight and uniform maturity
- Good leaf disease tolerance.

Crenique



- Medium-large framed cauliflower with a very upright growth habit
- Medium-sized, white curd with good tuck
- Well protected with a large swirling wrap
- Excellent uniformity.

Estatique



- Large framed cauliflower suitable for a wide production window
- Upright growth habit
- Good leaf disease tolerance
- Curds are white, well wrapped and able to make large size
- Trials indicate suitable for autumn spring cut in Southern states and winter production in Queensland.

Moonshine



- Suited for summer harvest in Southern regions and autumn periods in Southern Queensland
- Upright frame with excellent curd protection
- Maturity 10-12 weeks
- Exceptional first cut potential
- Smooth white curds.

Prestique



- Exceptionally uniform cut-out rate
- This variety produces well tucked, heavy curds
- Suitable for summer/autumn harvest in Southern markets and early summer and autumn harvest in Queensland
- Very good tip-burn tolerance
- Matures in 10-11 weeks
- Trial in Moonshine slots.

Serenity



- Med-large framed variety with strong, swirling curd protection
- Dense and heavy, white curds with a good tuck
- Good tip-burn tolerance
- Strong field tolerance to verticillium
- Uniform maturity gives concentrated first cut
- Trials to date indicate the variety is suitable for summer harvesting in the cooler Southern markets.

Suntory



- Early maturing variety developing very uniform heavy curds
- Curds are well tucked with excellent internals
- Best suited for summer/autumn harvest
- Excellent tip-burn tolerance
- Matures in 10-11 weeks.

Twistique



- Nice robust frame
- Develops heavy white dense curds
- Harvesting in Southern markets through late autumn and winter
- Reaches maturity in 14-16 weeks
- Curds are protected by neatly upright twisted leaves.

Sales Orders

Phone: (02) **9616 1288** Fax: (02) 9616 1299

For production guides and cultural notes visit www.terranovaseeds.com.au

Sales

National Sales Manager James Bowker 0437 640 981

Nth Queensland/NT Shaun Todd 0437 890 920

Coastal SE QLD/ Nthn NSW/Wide Bay Burnett Regions Steven Williams 0407 256 521 SE Queensland Charles Grimes 0429 913 873

New South Wales Charlie Vella 0419 286 370

Victoria Henry Nellen 0417 227 873 South Australia Greg Bragg 0419 635 548

Western Australia Danie Oosthuizen 0417 930 233

Tasmania Andy Doran 0497 999 987

Product Development

National Product Development Manager Michael Sippel 0418 479 062

Wet Seed Grant Wilson 0418 716 131

Dry Seed Nick Mitchell **0418 532 650**









Thinking Quality Onions? Think **Terranova** & **Enza Zaden!**

BARBERAHybrid Red Onion

High yielding
Highly single centred
Tight, globe shaped

Great pack out potential with improved storage compared to Pinotage and Cabernet.



BAROLOHybrid Red Onion

Late intermediate to early long day red onion with attractive dark red interior

Develops internal colour early

Shiny exterior colour and globe shape

6 - 8 month storage window.

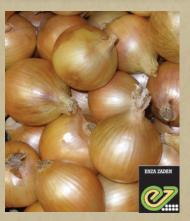


GOBLIN Hybrid Brown Onion

Extremely good early vigour and strong tops

High yields from high proportion of large bulbs with single centres

Colours up early for supply to early domestic markets.

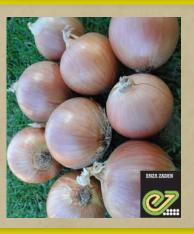


LUCINDAHybrid Brown Onion

Consistent medium shaped onion with excellent colour

Improved skin retention and storage ability

Ideally sown mid / late May for good yield potential.



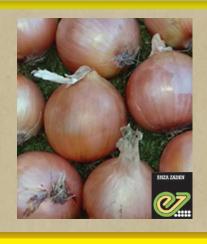
OLIVINEHybrid Brown Onion

Performs best in late August – early September sowing

Dark, glossy brown colour with excellent skin

Good vigour with high yield potential

Excellent storage potential.



PLUTONUSHybrid Brown Onion

Excellent dark brown colour Produces very firm, uniform high globe bulbs

Extremely good storage potential

Foliage is large and vigorous and strong against Mildew

Should be trialled in the late part of the PLK timeslot.



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