



# AUSTRALAND

## AGRICULTURE

**PRODUCT CATALOGUE**  
AUGUST 2023



# ABOUT US

We are a wholesale distributor of agricultural products including fertilisers, irrigation, seeds and gardening equipment.

*AgSafe accredited*

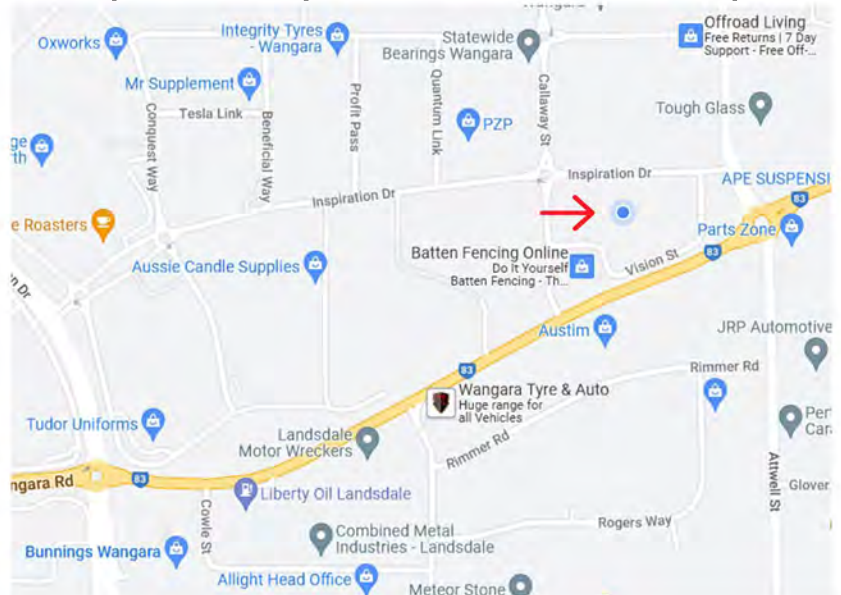
*Member of Australia Fertiliser Services Association, Fertilizer Australia, NRI & ISTA*



ISTA  
Seed Quality Assurance



21/110 Inspiration Drive Wangara  
(Inside Inspiration Business Park)



Opening hours:

Monday-Friday: 8am to 5pm

Saturday: 9am to 1pm



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# CROP PROTECTION

## FUNGICIDES

Active Name	Comparative Product
Amisulbrom 500g/kg	Amishield®
Azoxystrobin 250g/L	Amistar®, A-Star®, Affix®
Boscalid 500g/kg	Filan®
Boscalid 200g/L Kresoxim-methyl 100g/L	Colliss®
Boscalid 252g/kg Pyraclostrobin 128g/kg	Pristine®
Captan 800g/kg	Captan®
Chlorothalonil 720g/L	Bravo®, Whack®, Barrack®
Copper 375g/kg	EcoCopper™
Copper Oxychloride 500g/kg	Coppox WG®
Cyprodinil 375g/kg Fludioxonil 250g/kg	Switch®
Fenhexamid 500g/L	Teldor®
Iprodione 500g/L	Rovral® Aquaflo, Rapide Aqua®, Sindon®
Mancozeb 750g/kg	Penncozeb®, Dithane®, Unizeb®
Mancozeb 640g/kg Metalaxyl-M 40g/kg	Ridomil® Gold MZ WG
Metalaxyl 250g/L	Metalaxyl®
Myclobutanil 400g/kg	Systhane®
Oxathiapiprolin 100g/L	Zorvec® Enicade®
Penthiopyrad 200g/L	Fontelis®
Phosphonic Acid 600g/L	Dominator®, Crop Doc®, Agri-Fos®
Prochloraz 462g/kg	Stanza®
Propineb 700g/kg	Antracol®
Proquinazid 200g/L	Talendo®
Pyrimethanil 600g/L	Scala®, Pyper®
Sulfur 800g/kg	UniShield®, Thiovit® Jet, Microthiol® Disperss
Triadimenol 250g/L	Triadimenol®, Bayfidan®
Tribasic Copper Sulfate 190g/L	Tri-Base Blue®
Trifloxystrobin 500g/kg	Flint®

## SOIL CONDITIONERS/ADJUVANTS

Active Name	Description
Brushwet®	Polyether Modified Polysiloxane (Equivalent to Pulse)
Designer®	Organosilicone super-spreader and a latex polymer blend
Eco-Flo® Lime	48% w/v Calcium
EnviroDye Red	Liquid marking dye
Hasten™	Esterified vegetable oil and non-ionic surfactants blend
Humic 18®	High concentration Potassium humate liquid
Mark-It Dye	Liquid marking dye
Reactor Wetter 600	Surfactant and wetter (Equivalent to Agral & Spreadwet)
Spreadwet 600	Wetting & spreading agent
Synertrol® Oil	Emulsifiable botanical oil

## ORGANIC PRODUCTS

Active Name	Constituents
Amino Boss®	Amino acids, organic carbon and organic nitrogen
Aminogro®	Combi micronutrient chelates using L-form amino acids, organic sugars & acids
DiPel DF	Bacillus biological insecticide
Eco-Oil Hippo	Emulsifiable botanical oil
Foliastim Calcium SC®	Calcium Oxide 42% w/v and Seaweed extract 22.5% w/v
Serenade Opti	Bacillus amyloliquefaciens strain QST 713
Stimplex®	Ascomycetum nodosum, trace minerals, carbohydrates, amino acid & bio-stimulant





# CROP PROTECTION



## INSECTICIDES/MITICIDES

Active Name	Comparative Product
Abamectin 18g/L & 20g/L	Abachem®, Tervigo®, Stealth®, Vertimec® Pro, Abaken®, Binton®
Alpha-Cypermethrin 100g/L & 400g/L	Dominex® Duo, Ellias® Plus, Chieftain® Duo
Bifenazate 480g/L	Acramite®, Macromite®
Bifenthrin 100g/L & 250g/L	Talstar®, Zeus®
Buprofezin 440g/L	Applaud®
Chlorpyrifos 500g/L	Lorsban®
Cyflumetofen 200g/L	Danisaraba®
Deltamethrin 27.5g/L	D-Sect
Dimethoate 400g/L	Danadim® Progress, Rogor®, Rover®
Fenamiphos 400g/L	Fenamiphos
Fipronil 0.25g/kg & 200g/L	Maestro®, Surefire Fipronil Granular Ant Killer
Flonicamid 500g/kg	MainMan®
Flubendiamide 480g/L	Belt®
Hexythiazox 100g/L	Calibre®
Imidacloprid 350g/L	Spectrum®, Confidor Guard®
Maldison 440g/L & 1150g/L	Hy-Mal®, Fyfanon®
Metham Potassium 423g/L	Envirofume Metham K
Methomyl 225g/L	Lannate®-L, Sinmas®
Milbemectin 9.3g/L	Milbeknock® Miticide
Pirimicarb 500g/kg & 800g/kg	Pirimor®, Aphidex®
Spinetoram 120g/L	Success® Neo
Spinosad 120g/L & 240g/L	Preserve, Entrust®
Spirotetramat 240g/L	Movento®
Trichlorfon 500g/L	Trepidex



## HERBICIDES

Active Name	Comparative Product
Carfentrazone-Ethyl 60, 240 & 400g/L	Carfentrazone-Ethyl®, Hammer®, Spotlight Plus®
Clethodim 360g/L	Clethodim
Chlorthal Di-Methyl 900g/kg	Pterodactyl®
Dicamba 80g/L MCPA 340g/L	Dicamba M
Diquat 200g/L	Diquat
Ethofumesate 500g/L	Oblix®
Fluazifop-P 128g/L & 212g/L	Fusilade® Forte, Rootout®
Glufosinate-ammonium 200g/L	Basta®
Glyphosate 360, 450, 540 & 600g/L	Glister®, Roundup Ultra® MAX, Crucial®
Halosulfuron-Methyl 750g/kg	Tempra®
Imazapyr 250g/L	Ordnance®
Nonanoic Acid 525g/L	Slasher® Weedkiller, Slayer Weedkiller
Paraquat 135g/L Diquat 115g/L	Spray.Seed®, Combik®, BrownOut®
Pendimethalin 440g/L	Pendimethalin
Phenmedipham 160g/L	Betanal® Flow
Propachlor 480g/L	Ramrod®
Simazine 900g/kg	Simazine



## BAITS/RODENTICIDES

Active Name	Comparative Product
Bromadiolone 0.05g/kg	Broma Grain Bait®
Iron EDTA Complex 60g/kg	Iron Chelate Snail & Slug Bait
Iron Powder 10g/kg	Eco-Shield Snail & Slug Killer
Metaldehyde 15g/kg	Metaldehyde Snail & Slug Bait
Metaldehyde 50g/kg Fipronil 1.5g/kg	Transcend



# SEEDS

## BARENBRUG

- Pasture Grasses
- Forage Crops
- Forage Herbs & Brassicas
- Winter Crops

 **Lefroy Valley**  
QUALITY SEEDS

- Beans
- Capsicum
- Lettuce
- Zucchini



## HM • CLAUSE

- Cherry tomato: Genio F1 & Duncan F1
- Corn: Cumberland F1
- Cucumber: Boomer, Cloe, Dennis, Mekong & Sang



 **Hazera**  
Seeds of Growth  
 **CLAUSE**  
VEGETABLE SEEDS

## Beit Alpha Cucumber

Variety	Comments	Length (cm)	Resistance	Harvest Season
Boomer F1	Shoulder season variety for late winter & spring & late summer/autumn/early winter production <ul style="list-style-type: none"> <li>• Strong against disease</li> <li>• Flexible in fruit production/set</li> <li>• Fruit is slightly ribbed with dark colour</li> </ul>	16-18	HR: Px IR: CMV / CVYV / ZYMV	Warm & Shoulder Season
Cloe F1	Warm season multi-fruited Lebanese with great resistance package <ul style="list-style-type: none"> <li>• Very uniform, well filled, dark green, lightly ribbed, quality fruit</li> </ul>	14-16	HR: Ccu IR: Px / CMV / WMV / CVYV	Warm Season
Dennis F1	Warm season beit alpha for spring & early summer <ul style="list-style-type: none"> <li>• Exceptionally fast plant to grow &amp; to develop fruit</li> <li>• A variety suited for a quick crop</li> <li>• Quality semi-multi &amp; multi fruit with dark colour</li> <li>• Very good heat tolerance</li> </ul>	16-17	HR: Px IR: CMV / CVYV / ZYMV	Warm Season
Mekong F1	Strong, multi-fruited Lebanese with great fruit quality & shelf life <ul style="list-style-type: none"> <li>• Tall plant with strong vigour, good sideshoot production &amp; excellent balance</li> </ul>	15-18	IR: Px / CMV / CVYV / ZYMV	Warm Season
Sang F1	Strong plant with high quality fruit for cool season <ul style="list-style-type: none"> <li>• Excellent quality &amp; uniformity</li> <li>• Vigorous plant suitable for autumn &amp; winter production in unheated greenhouses</li> <li>• Short internode length</li> <li>• Dark green, uniform, cylindrical fruit</li> </ul>	16-18	HR: Px	Cool Season

CVYV: Cucumber Vein Yellowing Virus CMV: Cucumber Mosaic Virus CCU: Scab  
ZYMV: Zucchini Yellow Mosaic Virus Px: Powdery Mildew WMV: Watermelon Mosaic Virus

# PREMIUM FERTILISERS





# NPK

**NPK 24-4-8-7+TE**  
**Elemental Analysis**  
 Nitrogen (N) = 23.6%  
 Phosphorus (P) = 3.6%  
 Potassium (K) = 7.6%  
 Magnesium (Mg) = 1.2%  
 Sulphur (S) = 6.6%

**Trace Elements (PPM)**  
 Iron (Fe) = 950  
 Copper (Cu) = 500  
 Zinc (Zn) = 500  
 Manganese (Mn) = 500  
 Boron (B) = 190  
 Molybdenum (Mo) = 20

Water soluble powder – 25kg bag

**NPK 18-8-15-2+TE**  
**(Oxide Analysis)**  
 Nitrogen (N) = 17.6%  
 Phosphorus (P) = 7.6%  
 Potassium (K) = 14.6%  
 Magnesium (Mg) = 0.9%  
 Sulphur (S) = 2%

**Trace Elements (PPM)**  
 Iron (Fe) = 400  
 Copper (Cu) = 200  
 Zinc (Zn) = 200  
 Manganese (Mn) = 200  
 Boron (B) = 180  
 Molybdenum (Mo) = 20

Water soluble powder – 25kg bag

**NPK 19-3-5-17+TE**  
**Elemental Analysis**  
 Nitrogen (N) = 18.6%  
 Phosphorus (P) = 2.6%  
 Potassium (K) = 4.6%  
 Sulphur (S) = 15.6%

**Trace Elements (PPM)**  
 Iron (Fe) = 900  
 Copper (Cu) = 450  
 Zinc (Zn) = 450  
 Manganese (Mn) = 450  
 Boron (B) = 180  
 Molybdenum (Mo) = 20

Water soluble powder – 25kg bag

**NPK 12-3-20-4 (Top K)**  
 Nitrogen (N) = 12%  
 Phosphorus (P) = 2.6%  
 Potassium (K) = 19.9%  
 Magnesium (Mg) = 1.2%  
 Sulphur (S) = 4%

Granular – 25kg bag

**NPK 12-5-30-2+TE**  
**Elemental Analysis**  
 Nitrogen (N) = 12%  
 Phosphorus (P) = 5.3%  
 Potassium (K) = 29.9%  
 Sulphur (S) = 1.8%

**Trace Elements (PPM)**  
 Iron (Fe) = 1000  
 Copper (Cu) = 500  
 Zinc (Zn) = 500  
 Manganese (Mn) = 500  
 Boron (B) = 200  
 Molybdenum (Mo) = 30

Water soluble powder – 25kg bag

**NPK 12-4-15-8**  
 Nitrogen (N) = 12%  
 Phosphorus (P) = 4.4%  
 Potassium (K) = 14.9%  
 Magnesium (Mg) = 0.9%  
 Sulphur (S) = 8%

Granular – 25kg bag

**NPK 10-4-33-2+TE**  
**Elemental Analysis**  
 Nitrogen (N) = 10%  
 Phosphorus (P) = 4.4%  
 Potassium (K) = 33.2%  
 Magnesium (Mg) = 1.2%  
 Sulphur (S) = 1.8%

**Trace Elements (PPM)**  
 Iron (Fe) = 1000  
 Copper (Cu) = 500  
 Zinc (Zn) = 500  
 Manganese (Mn) = 500  
 Boron (B) = 200  
 Molybdenum (Mo) = 30

Water soluble powder – 25kg bag

**Qrop™ complex**  
**SANGRAL®**



Product Name		Analysis (Elemental)					Analysis (Oxide)				
		N	P	K	Mg	S	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	MgO	SO <sub>3</sub>
W S	NPK 24-4-8-7+TE	23.6%	3.6%	7.6%	1.2%	6.6%	23.6%	8.2%	9.1%	2%	16.5%
W S	NPK 19-3-5-17+TE	18.6%	2.6%	4.6%		15.6%	18.6%	5.95%	5.52%		39%
W S	NPK 18-8-15-2+TE	17.6%	7.6%	14.6%	0.9%	2%	17.6%	17.4%	17.52%	1.49%	5%
W S	NPK 12-5-30-2+TE	12%	5.3%	29.9%		1.8%	12%	12%	36%		4.5%
W S	NPK 10-4-33-2+TE	10%	4.4%	33.2%	1.2%	1.8%	10%	10%	40%	2%	4.4%
GR	NPK 12-4-15-8	12%	4.4%	14.9%	0.9%	8%	12%	10%	18%	1.5%	20%
GR	NPK 12-3-20-4	12%	2.6%	19.9%	1.2%	4%	12%	6%	24%	2%	10%

**WS: Water Soluble**  
**GR: Granular**

# NPK



## SPEEDFOL NPK

- Foliar nutrition for every crop
- Highly water soluble
- “Flower Booster” for flower & root development
- “Production & Quality” for fruit development

About 720 tablets per bag  
Each tablet weighs about 28g  
20kg bag



## JUMBO TABS

- Contains nutrients for healthy growth & high quality fruits for trees, shrubs & vines
- Nutrients are slowly released around the root zone for about 6 months

Jumbo Tabs	Analysis (Elemental)					Analysis (Oxide)				
	N	P	K	Mg	S	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	MgO	SO <sub>3</sub>
13-11-22-5	13	4.8	18.3	3		13	11	22	5	
13-7-7-5	13	3.1	5.8	3	4	13	7	7	5	10



## QROP COMPLEX TOP K



- A granular fertiliser containing a balanced mix of essential macro and micro nutrients for improved crop yield
- Suitable for crops known to be sensitive to chloride



# STRAIGHT

Potassium Nitrate  
Nitrogen (N) = 13.7%  
Potassium (K) = 38.4%

**SANGRAL®**

Potassium Nitrate Prilled  
Nitrogen (N) = 12%  
Potassium (K) = 38.1%

**SANGRAL®**

Potassium Nitrate K-Plus Acid  
Nitrogen (N) = 13.9%  
Potassium (K) = 37.3%  
*pH level of 4 achieved with only 0.1% solution*

**Ultrason®**

Calcium Nitrate  
Nitrogen (N) = 15.5%  
Calcium (Ca) = 18.8%

**Ultrason®**

Ultramax Silicate  
Calcium Oxide (CaO) = 35%  
Silicon Dioxide (SiO<sub>2</sub>) = 25%

**NOUSBO**

Potassium Sulphate  
Potassium (K) = 43.18%  
Sulphur (S) = 18.75%

**ROOFERT**

Magnesium Sulphate (Epsom Salt)  
Magnesium (Mg) = 9.8%  
Sulphur (S) = 13%

**ROOFERT**

Magnesium Nitrate  
Nitrogen (N) = 11%  
Magnesium (Mg) = 9.03%

**ROOFERT**

Mono Potassium Phosphate (MKP)  
Phosphorus (P) = 22.72%  
Potassium (K) = 28.22%

**ROOFERT**

Mono Ammonium Phosphate (MAP)  
Nitrogen (N) = 12%  
Potassium (K) = 50.63%

**ROOFERT**

Urea  
Nitrogen (N) = 46%

**AUSTRALAND AGRICULTURE**





# SPECIALTY



- Crop specific water soluble fertiliser blends with micro nutrients
- Cost efficient solution to minimise crop failure & income loss
- Full crop cycle fertiliser program covered with only 3-4 products
- Water soluble & low in chloride
- 25kg bag

## NPK 7-4-32-4+MgO+TE (Lettuce)

Nitrogen (N) = 7.4%  
Phosphorus (P) = 4%  
Potassium (K) = 32.3%  
Magnesium (Mg) = 1%  
Sulphur (S) = 4%

Iron (Fe): 1900ppm  
Copper (Cu): 45ppm  
Zinc (Zn): 380ppm  
Manganese (Mn): 300ppm  
Boron (B): 370ppm  
Molybdenum (Mo): 40ppm



## NPK 7-4-32-5+MgO+TE (Tomato)

Nitrogen (N) = 7.5%  
Phosphorus (P) = 3.9%  
Potassium (K) = 32.5%  
Magnesium (Mg) = 2.1%  
Sulphur (S) = 5.7%

Iron (Fe): 730ppm  
Copper (Cu): 40ppm  
Zinc (Zn): 280ppm  
Manganese (Mn): 480ppm  
Boron (B): 280ppm  
Molybdenum (Mo): 40ppm



## NPK 10-5-30-2+MgO+TE (Strawberry)

Nitrogen (N) = 9.7%  
Phosphorus (P) = 4.9%  
Potassium (K) = 29.8%  
Magnesium (Mg) = 1.8%  
Sulphur (S) = 2.5%

Iron (Fe): 2700ppm  
Copper (Cu): 90ppm  
Zinc (Zn): 730ppm  
Manganese (Mn): 880ppm  
Boron (B): 170ppm  
Molybdenum (Mo): 80ppm



## NPK 11-4-32-2+MgO+TE (Cucumber)

Nitrogen (N) = 10.8%  
Phosphorus (P) = 3.9%  
Potassium (K) = 31.7%  
Magnesium (Mg) = 1.5%  
Sulphur (S) = 2.1%

Iron (Fe): 850ppm  
Copper (Cu): 50ppm  
Zinc (Zn): 330ppm  
Manganese (Mn): 560ppm  
Boron (B): 280ppm  
Molybdenum (Mo): 50ppm



**Ultrasol**





# REXENE FEQ48 CHELATED IRON FE-EDDHA

- o Developed for the correction & prevention of iron deficiency in a wide range of agricultural & horticultural crops
- o A stable, water-soluble & non-dusting iron EDDHA chelate
- o Contains 6% Fe, of which 4.8% is EDDHA chelated by the ortho-ortho isomer
- o Stable within pH 3.5-12



# REXENE ABC TRACE ELEMENT MIX

- o Developed for usage as a foliar fertiliser & in soil applications
- o pH range where a good stability of the chelated fraction is granted: 3.5-6.5 for dissolution

Iron (Fe)	Copper (Cu)	Zinc (Zn)	Manganese (Mn)	Boron (B)	Molybdenum (Mo)
4%	1.5%	1.5%	4%	0.5%	0.1%

# MULTI MICRO & MACRO ELEMENTS

- o Effervescent tablets that dissolve within 2-3 minutes, no stirring necessary
- o Nutri Bubble contains 7 different microelements & K altogether
- o Each tablet weighs exactly 4g

Growing Bubble															
N		P		K		P <sub>2</sub> O <sub>5</sub>		K <sub>2</sub> O							
18%		2.18%		8.3%		5%		10%							
Nutri Bubble															
K		Mg		K <sub>2</sub> O		Cu		Zn		Mn		B		Mo	
10.29%		0.8%		12.4%		0.15%		2.35%		2.44%		1.3%		0.04%	





# BENEFITS OF SILICATE

- o Enhances growth & yield of all vegetable crops
- o Promotes upright growth (stronger & thicker stems, shorter internodes)
- o Increases resistance to bacterial & fungal diseases & insects
- o Makes leaves thicker, enhancing photosynthesis & metabolism
- o Improves tolerance to environmental stresses
- o Controls absorption of N to avoid over growth
- o Helpful against lodging



## Silica Bubble Powder

- o 1kg bag, water-soluble silicate fertiliser in powder form
- o Easy to use with fast absorption
- o The active ingredients could be applied in a large area uniformly

Silicon (Si)	5.61%	Potassium (K)	16.6%
Silicon (SiO <sub>2</sub> )	12%	Potassium Oxide (K <sub>2</sub> O)	20%

## Ultramax Silicate Granule

- o Applicable to all kinds of crops
- o One-time basal application is sufficient
- o Helpful in management of blast (Magnaporthe grisea)
- o High calcium content
- o Recommended application rate: 200-300kg/ha

Mg	MgO	Ca	CaO	Si	SiO <sub>2</sub>
1.2%	2%	25%	35%	11.7%	25%



20kg bag



# IRRIGATION





# DRIP TAPE

## SUNSTREAM - SUPERNOVA



- o Small, flat, integral dripper, cost-effective
- o Injected dripper, very low CV value (<3%)
- o Large filtration area with superior clogging resistance
- o Wide water passage labyrinth with turbulent flow - prevents particle settling
- o Resistant to UV, chemicals & fertilisers



Required filtration:  
125 micron / 120 mesh

Diameter	Emitter Spacing (cm)	Wall Thickness (mil)	Flow Rate (L/hr)	Length (m)
22mm	15	8	1.2	1400
	25	10	1.6	1200
	30	10	1.2	1250
	30	12	1.2	1100
	30	12	1.6	1100
16mm	20	8	1.6	2000



# DRIP TAPE

## SUNSTREAM - PARALLAX

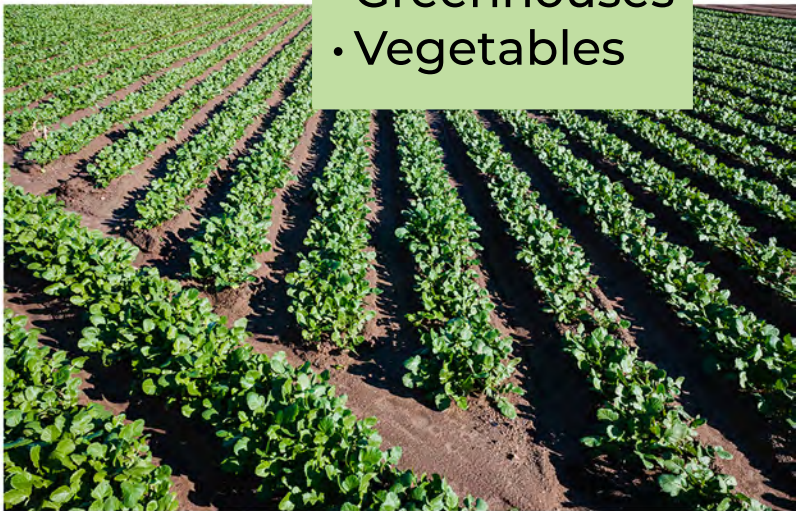
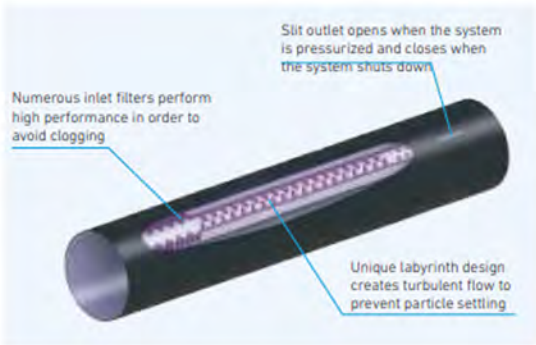


- Large filtration area & high number of inlet filters with superior clogging resistance
- High UV resistance & resistant to chemicals & fertilisers used in agriculture
- Wide water passage labyrinth with turbulent flow – prevents particle settling
- Extruded emitter with uniform design, very low CV value (<3%)
- Closer emitter spacing which increases crop yield



### Applications:

- Row crops
- Field crops
- Landscaping
- Greenhouses
- Vegetables



Required filtration: 125 micron / 120 mesh

	Emitter Spacing (cm)	Wall Thickness (mil)	Flow Rate (L/hr)	Length (m)
16mm	10	8	0.7	2200
	10	8	1	2200
	10	8	1.4	2200



# DRIP TAPE





## WATER FALL

- o Compact, flexible & solid injected, micro-chip dripper
- o Unique labyrinth to increase turbulence & reduce clogging
- o Resistant to UV & agricultural chemicals
- o Uniform emitter flow – CV (below 0.03)



Required filtration:  
125 micron / 120 mesh



			
Emitter Spacing	Flow Rate (LPH)	Wall Thickness	Roll Length
10cm	1.1, 1.4	0.20mm	2500m
15cm	1.1, 1.4	0.20mm	2500m
20cm	1.1, 1.4, 1.8	0.20mm	2500m
25cm	1.1, 1.4, 1.8	0.20mm	2500m
30cm	1.1, 1.4	0.25mm	2000m



# LAYFLAT HOSE

1, 1.5, 2, 3, 4 inches  
(25, 40, 50, 80, 100mm)

PVC, strong & long lasting



Nominal ID	Inside Diameter	Wall Thickness	Working Pressure	Bursting Pressure	Roll Length
1"	26.5 ± 1mm	1.45 ± 0.2mm	6 kgf/cm <sup>2</sup>	18 kgf/cm <sup>2</sup>	50m
1.5"	40 ± 2mm	1.2 ± 0.2mm	5 kgf/cm <sup>2</sup>	15 kgf/cm <sup>2</sup>	50m
2"	52 ± 2mm	1.2 ± 0.2mm	4.5 kgf/cm <sup>2</sup>	14 kgf/cm <sup>2</sup>	50m
3"	77 ± 2mm	1.35 ± 0.2mm	4 kgf/cm <sup>2</sup>	12 kgf/cm <sup>2</sup>	50 & 100m
4"	103 ± 2mm	1.35 ± 0.2mm	4 kgf/cm <sup>2</sup>	12 kgf/cm <sup>2</sup>	50 & 100m



PE, thin layflat hose for water transport

Product Code	Hose Width	Optimum Pressure	Roll Length
SN1	2"	1 kgf/cm <sup>2</sup>	91m
SN2	3"	1 kgf/cm <sup>2</sup>	91m



Connector Layflat (2", 3", 4")



Layflat to Male Thread (2", 3", 4")



End Cap Layflat (2", 3", 4")



Metal Clamp (2", 3" and 4")



# SMILE SPRAY HOSE

## SOAKER HOSE

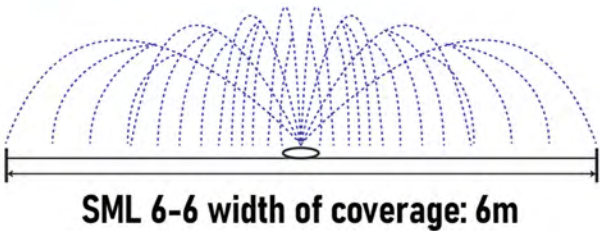
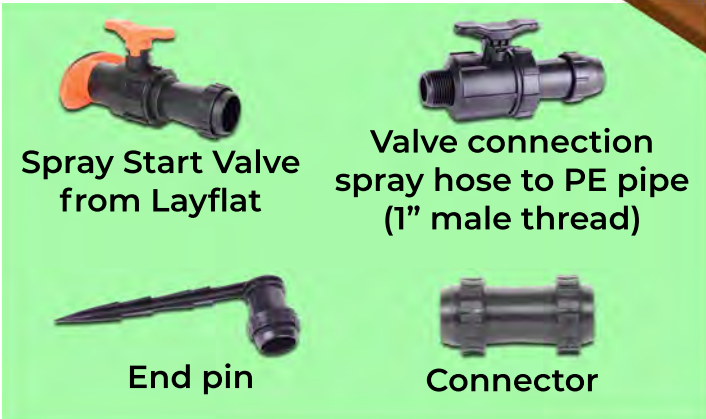


- o Commonly used for leafy vegetables that have relatively shallow roots and are suitable for overhead irrigation
- o Has the advantage of spraying a wide area in a short time
- o Low installation cost
- o Special attention is required during installation, so the hoses are not scratched or twisted



Spray Hose connection to Layflat

Item No.	Flow Rate	Flat Width	Diameter	Wall Thickness	Roll Length	Optimal Pressure	Bursting Pressure
SML 6-6	18 L/min & 10m	6cm	38mm	0.22mm	200m	0.5 bar	0.9 bar



# FITTINGS & VALVES



**Grommet with the Groove**  
16mm / 22mm



**Off Take Screw Male**  
3/4 inch to 22mm tape  
50/bag



**Off Take Connector (O-Ring)**  
20mm barb to 22mm tape  
50/bag



**Pipe End Plug**  
16mm  
100/bag



**Off Take Layflat (Screw)**  
Layflat to 16mm tape  
50/bag



**Tape End Plug**  
16mm tape  
50/bag



**Connector O-Ring Type**  
16mm tape x 16mm tape  
50/bag



**Elbow**  
16mm barb to 16mm barb  
50/bag



**Off Take Connector (Screw)**  
16mm barb to 16mm tape  
50/bag



**Connector**  
16mm barb x 16mm barb  
13mm barb x 13mm barb  
50/bag



**Off Take Layflat to Female**  
3/4 inch  
50/bag



**Ring Type Off Take**  
16mm barb x 16mm tape  
300/bag



**Tape to Tape Valve**  
16mm tape x 16mm tape  
100/bag



**Screw Type Connector**  
16mm tape x 16mm tape  
100/bag



**Start Off Fitting**  
Layflat to 16mm tape  
70/bag



**Valve Off Take**  
16mm barb x 16mm tape  
50/bag



**Layflat to Tape Valve**  
Layflat to 16mm tape  
40/bag



**T Connector (Screw)**  
16mm screw x 16mm screw x  
16mm screw



**T Connector**  
16mm barb x 16mm barb x  
16mm barb



# IMPACT SPRINKLERS



## Angle Control

- o 1/2" Male connection
- o Spacing up to 14m
- o Maximum range achieved through integrated stream-straightening
- o High impact, heavy duty plastic materials provide resistance to corrosion, chemicals & UV
- o 10 pieces/box



## Full Circle

- o 1/2" Male connection
- o 360° full circular motion
- o High distribution uniformity up to 14m
- o High impact & heavy-duty plastic materials for resistance to corrosion, chemicals & UV
- o 20 pieces/bag



## A-42 Angle Control

- o 3/4" Male connection
- o Small water particles
- o Uniform distribution
- o Stainless steel spring & pin

Nozzle		2 bar		3 bar	
mm	Flow m3/h	Distance (m)	Flow m3/h	Distance (m)	
5	1.2	12	1.3	13	
4.2	1	12	1.05	13	

## Drippers

On line dripper with adjustable flow  
70 L/hr & 100 L/hr





# IMPACT SPRINKLERS



## K-Mini Atak

- o 1/2" Male connection
- o 360° full circular motion
- o Uniform distribution
- o Stainless steel spring and pin
- o Small water particles
- o Sliding adjustable nozzles & jet breaker

NOZZLE	1 BAR		1.5 BAR		2 BAR	
mm	Flow m3/h	Distance (m)	Flow m3/h	Distance (m)	Flow m3/h	Distance (m)
3.5 x 2.5	0.85	11	0.95	11	1.1	12
3.5 x 1.8	0.75	11	0.85	11	1	12
2.8 x 2.5	0.7	10	0.8	10	0.9	11
2.8 x 1.8	0.6	10	0.65	10	0.72	11



## K-Atak

- o 3/4" Male connection
- o 360° full circular motion
- o Uniform distribution
- o Stainless steel spring & pin
- o Small water particles
- o Sliding, adjustable nozzles & jet breaker

Nozzle	2 bar		3 bar	
mm	Flow m3/h	Distance (m)	Flow m3/h	Distance (m)
5.0 x 4.2	2.1	13	2.25	14
5.0 x 3.8	1.9	13	2	14
5.0 x 2.5	1.7	13	1.8	14
4.5 x 4.2	2	12	2.1	13
4.5 x 3.8	1.85	12	1.95	13
4.5 x 2.5	1.6	12	1.7	13
3.8 x 3.8	1.65	11.5	1.75	12
3.8 x 2.5	1.45	11.5	1.6	12

Reducing Socket 3/4"x1/2" - Male/Female  
Reducing Socket 3/4"x1/2" - Female/Female  
Reducing Socket 1"x3/4" - Female/Female





# FILTERS

- o Low friction loss
- o Cartridge has excellent resistance to most common chemicals
- o Easy maintenance: cartridge can be extracted from filter for easy cleaning
- o 120 Mesh



**1" Flow rate: 6000 L/H**  
**1.5" Flow rate: 15,000 L/H**



**1.5" Flow rate: 15,000 L/H**



**2" Flow rate: 30,000 L/H**



**2" Flow rate: 30,000 L/H**  
**Improved design to create vortex**



**2" Alpha Q**  
**Flow rate: 20,000 L/H**



**Sunstream**  
**2" Flow rate: 35,000 L/H**  
**3" Flow rate: 45,000 L/H**  
**Max working pressure: 8 bar**  
**Max working temp: 60°C**



**3" Flow rate: 45,000 L/H**



**Sunstream**  
**4" Double Flow rate: 80,000 L/H**  
**Max working pressure: 8 bar**  
**Max working temp: 60°C**

# OTHER

## PVC BALL VALVE 3 INCH

- o For water irrigation & supply systems
- o Female threaded true union
- o Free support
- o PE ball seats
- o Operating pressure PN 16 at 20°C



## MEASURING JUGS

### 250ML, 500ML, 1L, 3L, 5L

- o Top quality, made from food grade PP material suitable for measuring chemicals
- o Extra wall thickness to ensure strength & durability
- o Dual purpose non-drip spout allowing controlled pouring
- o Extra space between the full measure & the top of the jug to reduce the risk of spillage
- o Features raised graduations



## LD PE PIPES

### General Specification

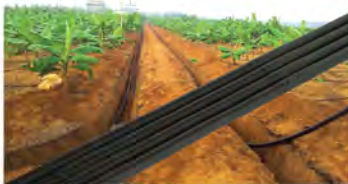
Outside Diameter	16mm	22mm
Inside Diameter	13mm	18mm
Wall Thickness	1.5mm	2.0mm
Roll Length	200m	200m



### General Specification

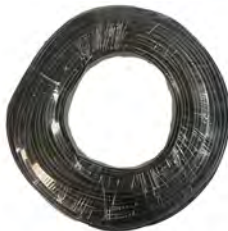
Outside Diameter	15.8mm
Wall Thickness	1mm
Emitter Distance	30cm
Nominal Flow Rate	2.5 LPH at 1 bar
Working Pressure	0.5 ~ 1.5 bar
Filtration	120 mesh
Roll Length	200m

## WATER LINE



## NAME STICKS

13.5cm x 8cm x 1m height



## MICRO TUBE 4x7 100M

Used to connect micro sprinklers, mist emitters & drippers located away from main pipe



# HARDWARE



# TWINE

Superior UV resistance  
Premium raw material  
High tensile strength  
Smooth & consistent

**ALPHA TWINE**  



**Orange 1220m**



**Orange 2200m**



**Orange 6000m**



**Multi-End  
80mx50**



**Blue 2200m  
Super Tough**

## TUFF TWINE



**Yellow  
6000m & 2200m**

## PRIME TWINE



**Black, Blue & Super Tough  
6000m, 2200m, 1220m**





# PRUNING SHEARS AND SNIPS



## **PS-8PLUS-R**

Blade length: 52mm  
Weight: 205g  
Packing: 6pcs/box  
Carbon steel & anti-sap coating



## **PSB-8G + Case**

Blade length: 52mm  
Weight: 205g  
Carbon steel



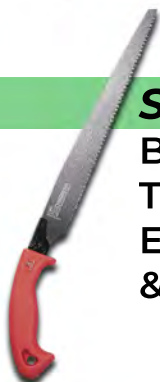
## **E2C (Straight Blade) & S2C (Curved)**

Blade length: 26/23mm  
Weight: 100/106g  
Packing: 6pcs/box  
Carbon steel



## **T-7C**

Blade length: 63mm  
Weight: 140g  
Packing: 6pcs/box  
Carbon steel



## **SZ-33NDX**

Blade length: 335mm  
Tooth Pitch: 2.8mm  
Extremely sharp, flexible & replaceable blade



## **LP-450**

Upgraded, light weight lopper  
Blade length: 43mm  
Total length: 400mm  
Weight: 400g  
High quality carbon steel blade with fluorine coating



## **Hand Sickle**

Blade length: 150mm  
Handle length: 200mm  
Carbon steel blade & wood handle



## **BH235L Flower Shears**

Blade length: 75mm  
Overall length: 185mm  
Carbon steel & non-slip PVC grips



## **Curved Picking Knife**

Overall length: 163mm  
Stainless serrated blade



Greenhouse Repairing Tape  
7cm, 10cm & 14cm at 20 metres

# TAPE BINDER

## STAPLE GUN FOR PROFESSIONAL USE



- Spare spring & blade in tape holder compartment
- Built in lock to keep tape binder closed
- Holds 4¼” diameter tape
- All products do not produce any off cuts
- Handles and staple plungers are coated with a soft plastic for greater comfort & grip



TB-FACE	First product introduced to the market, with it having an eager following in many locations
TB-SAce	Easier on the hand compared to TB-FACE – difference can be noticed if product is used for many hours during the day
TB-SAce Improved	An improved product compared to TB-FACE & TB-SAce, as even if the user is not experienced & correct pressure rhythm is not applied, the tape is still grabbed by the tape binder
TB-SAce Light	TB-SAce improved, but much lighter – TB-SAce Improved weighs 710g while this product weighs 20% lighter at 560g



**Staple 604-L**  
Small box: 10 x 5000pcs  
Master box: 120 x 5000pcs



**Staple 604C-L**  
Small box: 10 x 5000pcs  
Master box: 200 x 5000pcs



**Tape - 66m**  
Made in Taiwan  
24 per pack, 96 per box



Conversion Factors			
	From	To	Multiply by
Nitrogen	N	NO <sub>3</sub>	4.4266
Phosphorus	P	P <sub>2</sub> O <sub>5</sub>	2.2951
Potassium	K	K <sub>2</sub> O	1.2046
Magnesium	Mg	MgO	1.6579
Calcium	Ca	CaO	1.3992
Sulfur	S	SO <sub>4</sub>	3.00
	S	SO <sub>3</sub>	2.5

Maximum Lateral Length (m) within 90% uniformity on Flat Terrain					
Nominal (L/H)	Inlet Pressure (bar)	10cm	20cm	25cm	30cm
1.1	1.0	68	117	128	140
1.4	1.0	55	94	103	113
1.8	1.0	53	72	88	105
2.5	1.0	38	66	72	79



**(08) 9303 9638**

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