



## ACE OHLSSON

Welcome to the Ace Ohlsson Protected Cropping Guide. If you need further assistance please contact our agronomic team.

ਏਸ ਓਹਲਸਨ ਪ੍ਰੋਟੈਕਟਿਡ ਕ੍ਰੌਪਿੰਗ ਗਾਈਡ ਵਿੱਚ ਤੁਹਾਡਾ ਸਵਾਗਤ ਹੈ। ਜੇ ਤੁਹਾਨੂੰ ਹੋਰ ਸਹਾਇਤਾ ਦੀ ਜ਼ਰੂਰਤ ਹੈ ਤਾਂ ਕਿਰਪਾ ਕਰਕੇ ਸਾਡੀ ਐਗਰੋਨੋਮਿਕ ਟੀਮ ਨਾਲ ਸੰਪਰਕ ਕਰੋ।

مرحبا بك في دليل الزراعة المحمية. اذا كنت بحاجة الى مزيد من المساعدة، يرجى الاتصال بفريقنا الزراعي.

# Protected Cropping Range

# polygro®

## TUNNEL AND GREEN HOUSE FILM



Polygro's high-quality greenhouse film can dramatically increase crop quality and yield. These co-extruded films, in up to 7 layers, are among the best in the world and combine a high light transmission (PAR), years of longevity and strong mechanical properties. Through a series of specific film properties and additives, Polygro has developed the ideal film for any climate and any crop.

**Thermicity:** Added mineral fillers or co-polymers prevent much of the longwave infra-red radiation (heat) leaving the greenhouse.

**Diffusion:** Added mineral fillers promote broader, more equal light dispersion, reducing crop stress and assisting healthy plant growth.

**Anti-Drip Effect:** Film additives help condensation to form a thin water layer on the greenhouse film that then drains off to the side, resulting in more light and less humidity.

**Anti-Mist:** Anti-drip films can cause fog to accumulate inside the greenhouse in the morning. Anti-mist films can help prevent this.

**UV-Blocking/Anti-Petal Blackening:** UV-blocking additives prevent

radiation from entering the greenhouse and 'petal blackening' is avoided.

**Cooling Effect:** Patented special interference pigments in Hyplast's films selectively reflect certain wavelengths to help block irradiation heat, making 'whitening' or screening of the greenhouse unnecessary.

**Anti-Dust Action:** Extra-smooth film minimises the potential for dust sticking to it, resulting in higher light transmission and easier cleaning.

**Resistance Against Pesticides:** Protective film additives help to control the effects of reactive agents in pesticides on the greenhouse film.

## GROW BAGS



CocoMax® Grow Bags contain quality controlled, washed coco peat. We offer a variety of coir chip mixes and bag sizes to suit different crop requirements, backed by years of knowledge, experience and research. We also assist in product development for various plant applications, tailored to the growers needs.

Types of Coco Peat available:

- Multi-Purpose 8L, 70:30 Suits melons, cucumber, zucchini, raspberry, blackberry, tomatoes, capsicum, eggplant etc.
- Strawberry 8 and 12cm height x 1m.
- Tomato 1m 5 hole 50:50
- Blueberry 90:10 blocks 30L
- 100% pith 5kg block

Custom sizes, mixes, buffering and dual or triple layering is available on a made to order basis.

# Protected Cropping and Hydroponic Nutrition

Ace Ohlsson can offer a complete nutritional service to protected cropping. The supply of straight soluble, blends and even custom blends. Ace Ohlsson Agronomists can provide knowledge on A, B and C tank requirements for a range of crops. Whether run to waste or recirculating systems. **We can help.**



Ace Ohlsson can provide nutrient, plant and SAP testing through certified labs. EC and pH meters, as well as calibrating solutions are all supplied by Ace Ohlsson along with the knowledge required to keep any hydroponic system functioning at optimum levels. Sanitation of protected cropping and hydroponic systems are also catered for.



## Knowledge grows

Ace Ohlsson Agronomist can assist with the design and management of nutrient programs throughout the year, allowing for changes in both crop load and temperatures. Program can be amended to include Foliar Nutrition at critical times of load. Ace Ohlsson has exclusive access the Albion Metalosate amino acid chelated products. These products have great compatibility (always confirm with your Ace Ohlsson sales Agronomist) and plant uptake.

# Metalosate®

Kelp, Humic acid, Fulvic acid, biologicals and a range of bio-stimulants are provided by Ace Ohlsson along with Agronomic advice to incorporate these products into various programs.

**The Ace Ohlsson TEAM has got you covered.**

**Disclaimer:** All cultural and descriptive information is given as a general guide only. Substantial variations may occur due to many environmental factors, including climate, soil type, location, management and cultural practices. No liability will be accepted by Ace Ohlsson, its suppliers or its representatives as to the accuracy of the information July 2021

# Crop Protection

Source: Corteva ANZ

**Success Neo®** with Jemvelva® active provides effective control against caterpillars and thrips. The use of Success Neo® in protected cropping is permissible on vegetable crops, ornamentals and herbs when used in conjunction with a proven Insect Resistance Management Strategy (IRMS), refer to the product label for registered crops and pest species.

**Transform®** with Isoclast® active offers effective aphid and greenhouse whitefly control and is permitted for use in protected cropping systems when used in conjunction with a proven IRMS. Refer to the product label for registered crops and pest species.

It is imperative that resistance management is front of mind in protected cropping environments. **Do not** apply **Success Neo®** or **Transform®** to vegetable or herb seedlings in a production nursery system, or to seedlings of edible crops for transplanting in the field. Therefore, the use of **Success Neo®** and **Transform®** is limited to crops grown in situ as this will prevent the dissemination of potentially resistant insect strains on nursery stock across Australia. Prevent overuse where limited control options are permitted and prevent exposure to multiple generations within a closed system.

## Transform®

Isoclast® active

**INSECTICIDE**

## Success® Neo

**INSECTICIDE**

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**TGH 0221 (Runner) Indeterminate round Tomato**

Medium-high plant vigour, with short internodes.

Very good setting in cold conditions and very good earliness.

Disease resistance HR: ToMV/Fol: 0,1/Va/Vd/TSWV/For/Ff:A-E

IR:On/Ma/Mi/Mj



**Mygliorito Indeterminate Hybrid Cherry Tomato**

Vigorous plant, with short and very regular internodes

Maintains fruit size through the growing cycle

Suited for greenhouse and open field cultivation

Regular and long clusters with strong attachments

Round, firm fruit, bright red, L.S.L.

Fruit size over 20gr.

Disease resistance HR: ToMV:0-2/Fol:0,1/Va:0/Vd:0; IR: TYLCV/Ma/Mi/Mj



**ORESTIA Hybrid Eggplant**

Vigorous plant, with short internodes and good leaf cover

Fruit are very uniform, with very good gloss black colour

Fruit are firm, spineless and semi long

Fruit dimensions 23-24cm x 6-7cm

Typical fruit size range is 450-500g

Suitable for spring-summer cultivation in tunnel houses.



**DARKO Hybrid Eggplant**

Vigorous plant, characterised by short internodes and excellent leaf cover

Fruit are very uniform, glossy and spineless

Fruit dimensions 12-20cm x 3-6cm

Fruit size ranges from 120-250g

Excellent fruit set in hot and cold periods

Suitable for greenhouse and open field cultivation



**RYAL Hybrid Beit Alpha Cucumber**

Medium vigour open plant

Easy to manage, highly productive

Multi set (2-4 fruit per node)

High quality uniform dark fruit, with a good rib

Fruit length 14-16cm

Disease resistance: HR : ZYMV.



**ROYAL CROWN Hybrid Beit Alpha Cucumber**

Uniform fruit, dark green with good ribbing

Medium open plant – easy to manage

Suited to warm production, Semi-multi set

Good quality no neck

Disease resistance: CVYV, CMV, ZYMV, PRSV, Px, Ccu.



## BOOMER

Quality plant for warm and shoulder season production  
Flexible in fruit production/set. Can be single fruit or multi  
depending on the conditions  
Fruit is slightly ribbed with dark color & good fruit length.  
HR: Px IR: CMV/CVYV/ZYMV



## BARSA

High-yielder in cool slot. Vigorous, healthy plant with  
early production .  
Smooth-skinned, dark green, cylindrical fruit with  
round neck  
17-19 cm fruit length  
HR : Ccu



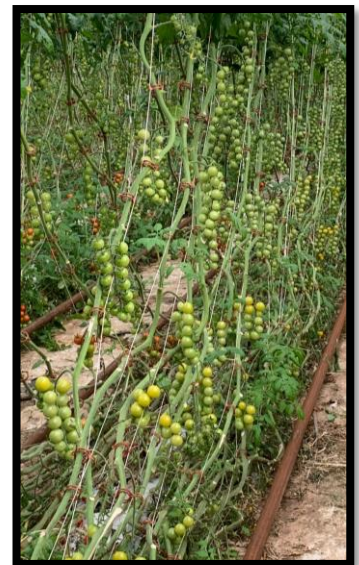
## CLOE

Warm season multi fruited variety, generative plant and  
high yielding. Very uniform, well filled, dark green, lightly  
ribbed, quality fruit. Suited to both soil based protected  
cropping as well as hydroponic based production  
systems  
HR: Ccu IR: Px, CMV, WMV, CVYV



## FELICITY

Great Tasting Cherry Tomato. Well balanced, vigorous plant with  
consistent setting. High yield potential offering even, large sizing  
with good shelf life.  
Average fruit size 15-25 gm.  
HR: ToMV:0,1,2 / Va:1 / Vd:1 / Fol:1,2,3  
IR: TYLCV / Ma / Mi / Mj



## FLAMANTYNO

Yellow Cherry - Sweet & juicy great eating yellow, glossy round cherry  
suited to truss & loose harvest.  
Very good firmness & shelf life with green parts that retain colour  
Strong plant vigour suited to long cycle protected production  
HR: ToMV:0,1,2 / Va:1 / Vd:1 / Fol:1 / For / Ff (A,B,C,D,E) IR:  
TYLCV / Mi / Mj

## LAYAL (Lebanese)

LAYAL is a single fruited type for cool season production. LAYAL has a strong but compact plant habit with very few laterals. The strength and vigour of the plant contribute to its high yield ability and good fruit quality at the top of the plant. The fruit are medium length; 16-17cm with dark green colour and moderate rib. LAYAL has excellent uniformity and yield with long shelf life and is recommended for winter production in SA and Qld regions.



## OSCAR (Lebanese)

OSCAR is a multi-fruited variety for summer harvest offering very even setting throughout the plant under warm conditions. The plant has a compact but open habit for ease of harvest with short laterals that require minimal pruning and a high yield potential. The fruit of OSCAR are high quality with an attractive uniform shape, averaging 17-18cm with long stem attachment, moderate rib and dark fruit colour. OSCAR performs well in both substrate and soil environments.

## POCO (Mini Snacking)

POCO is a high quality semi-multi baby snack type for spring, summer and early autumn. Early to harvest, POCO has intermediate resistance to Powdery Mildew and is an excellent option for speciality cucumber growers wanting flavour, quality and yield. Approx. 9cm in length, the fruit have very good uniformity with shiny light green colour and excellent flavour and shelf life.



## SAMARA (Large Beef)

SAMARA is a large beef type for the loose pick market. SAMARA is a vigorous variety with a strong disease package and has shown excellent setting and yield in Sydney plantings in both spring and autumn. SAMARA has a reliable setting ability throughout the plant, with very good uniformity on the truss. The large fruit average 170-180g in size with flat round shape and uniform green shoulder, with good colour at red.



## CAVIAR Eggplant

CAVIAR is a high yielding teardrop type for indoor production. The uniform fruit are of excellent quality with an attractive dark glossy black colour and a smooth bright green spineless calyx, with good colour maintained throughout the production cycle. The plant has a strong semi-open habit with good cover and medium internode length. CAVIAR has shown its flexibility with excellent set and yield potential under a range of conditions.





## Pole Beans

SV3212 & SV3213(dark) are our new climbing flat beans with long pods possessing and indeterminate cycle for indoor production.

**Avg Pod Length:** 23–24cm

**Resistance:** HR BCMV

## Halifax

Halifax offers high quality fruit with mid-late earliness and green to red colour. It's compelling disease package including Australia's first Intermediate Resistance to Root knot nematode gives growers peace of mind.

**Fruit Size:** 10cm x 9cm (350g)

**Resistance:** HR Tm: 0

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



## Zepplin

Attractive and versatile, Zepplin ticks a lot of boxes. Strong vine vigour allows for greater fruit protection. It is dark red and firm with sweet flesh.

**Fruit Size:** 8.5kg +

**Resistance:** IR Co:1/Fon:1

## Bazelet

This Lebanese cucumber is a great choice for summer having better coping capacity under harsh conditions compared to the market standard, offers high yield potential and great fruit quality.

**Avg Fruit Size:** 15-17cm

**Resistance:** HR WMV/ZYMV/Ccu/Px

IR CMV/CVYV/PRSV



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## Movento® 240 SC Insecticide

Movento is a powerful, innovative insecticide for the control of sucking pests – including silverleaf whitefly and various aphid, scale and thrips pests – in a range of vegetable crops, citrus, stone fruit, mangoes, grapes, apples and cotton.

Movento is also registered for diamondback moth larvae control in brassicas.

Movento is better able to control sucking pests 'hiding' on the covered inner leaves that other insecticides can't reach. Movento is highly compatible with IPM production systems,

being 'soft' on most beneficial species when used as directed and highly effective on pest populations that may have developed resistance to existing registered products.



## Infinito® Fungicide

Infinito works fast and lasts longer, providing excellent protection against downy mildew across a range of crops including Alliums and Cucurbits, plus white blister in brassica vegetables and late blight in potatoes.

Containing two new modes of action for foliar application, INFINITO is also an ideal resistance management alternative for growers.

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### **Ace Ohlsson Branches and Staff are located as follows**

Sydney Markets	97466640	Campbelltown	46281330
McGraths Hill	45716400	Woolgoolga	66540969
Heatherbrae	47748164	Bangalow	66871452