

Cultivating effective growth together

Your partner in Greenhouse Technologies





About Greenhouse Technologies



We have green fingers when it comes to ensuring effective growth. Our high quality products, experience and customer-centric approach is what builds better growth practices - from the ground up.

'My core belief is in growing with my customers, I believe that if you invest in your customers, they will invest in you.'

- Francois de Kock,
Founder and MD of
Greenhouse Technologies

Greenhouse Technologies is a thriving entity specialising in Greenhouse related products. This includes greenhouse plastics, peat moss, coir, irrigation systems and Dutch greenhouse technology.

Our first warehouse opened in City Deep at the Multi-Flora Market in 2007 and has since grown and expanded. Today we are known as one of the market leaders in the greenhouse film and growing mediums industry with more than 30 employees nationwide.

Products on offer to the horticulture/ agriculture industry include Greenhouse Film/Plastic, where we offer a variety of greenhouse film with different properties aiding all of the growers needs.

Another fantastic product is Coir (Coco Pith), which has now become a standard in the industry. It is a 100% organic growing medium and can be used to improve the structure of your growing medium.

Our Irrigation systems are imported from Israel using Rivulis. Rivulis provides a wide range of horticulture/ agriculture products including drip lines (brown & green), Supertif button drippers, filters and valves.

We also supply Peat moss imported from Lithuania. The world's leading Peat Moss manufacturer, Klasmann-Deilmann, is the brand on offer.

All of these products are certified and tested off site and arrive at Greenhouse Technologies ready to go. Our Peat Moss is tested in Lithuania, Coir-Cocopeat is imported from India (where each container has been tested) and our film is imported from Israel.

At Greenhouse technologies, we make sure that the factories where our products are manufactured have done all the necessary tests before products are imported, to ensure the quality and most importantly to maintain relationships with our foreign investors.

What makes our company unique is that we go all out to give our clients the best possible product for their individual needs. We pride ourselves on customer satisfaction — a sale doesn't end at point of sale, the after sales service is just as important.

When it comes to growing in a greenhouse, we offer an end-to-end product solution that gives clients the best possible service, with the best possible results.



**GREEN
HOUSE**
TECHNOLOGIES

Our Suppliers



Politiv (Plastic)

K SUBSTRATES

Klasmann (Peatmoss)



Coir



Galcon Controllers



Rilvulis irrigation



UVO Dutch Technology



Pericoli Cooling Equipment

We only source from the best suppliers to bring our customers consistency in quality of world-class products.

We visit all our international suppliers on a regular basis to ensure the quality standard is met and delivered to our end-clients. We believe in building and nurturing partnerships with all our suppliers so that we may in turn, pass on best solutions and value-offering to our clients.



Greenhouse Plastics

POLYETHYLENE FILMS FOR AGRICULTURE

The main purpose for the green-houses covering is to create an internal environment regardless the external environment. The better the control the better the crop yield and quality. The controlled microclimate in terms of light, temperature, humidity and physical protection of the crop (winds, rain snow etc) maintaining a controlled environment at different climatic conditions. Controlling the internal environment gives the possibility to extend the growing season, fresh produce all year round and enhanced crop quality and yield.

Cover film properties:



Thermal additives (IR):

During the day, the greenhouse air heats up. At night when the outside temperature cools down, with regular cover there is loss of heat from the greenhouse by radiation towards the outside and the greenhouse temperature is reduced by re-emitting radiation in the Infra-red range. To prevent this radiation loss, special additives are incorporated within the film. These additives block the IR radiation and help to maintain the temperature in the greenhouse preventing frost and low temperature damage.



Light diffusion:

Direct sunlight (undiffused light) can cause a "shadow" effect and "sun burns". Light diffusers additives will scatter the direct light. Thus, preventing the shadow effect and the sun burns. The light diffusion increases the photo-synthetic efficiency by providing more homogeneous light from all directions and is advantageous to growth with self-shading, such as cucumbers, tomatoes, squash, roses and others. The film is suitable for an area with high radiation.



Anti-fog/Anti-drip:

Hot air contains more moisture than cold air. At night, the temperature inside the

greenhouse decreases, as a result, the water vapor in the air condenses in the form of small discrete droplets. The effect of fog formation:

- light transmission reduction with consequent reduction in growth.
- dripping on the plants causing diseases

In order to prevent the above, special additives are added. These additives modify the film surface so that the water droplets are speared into a continuous invisible water layer.



Anti-virus:

The human being eyes are sensitive to 400-700 nm, while the insects are sensitive to the UV range (less than 400 nm), so, by blocking the UV range, the insects inside the greenhouses are less active. As a result, less agro-chemicals are used. With red roses, UV blocking prevents the roses from blackening.

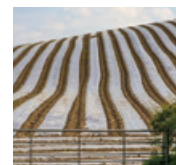
Anti-mist:

Mist forms in a greenhouse when the temperature drops and the relative humidity reaches a saturation point and the greenhouse cover has Anti-fog/Anti-drip function.

Mist has a negative impact on the plants, the leaves are subjected to a thin moist layer, top and bottom, also, mist blocks out the sun's rays for hours in the "morning after".

Anti-dust:

The multi-layer construction and special polymers usage result in a smooth film that prevents dust accumulation on the outside. This is an important feature to insure maximum light transmission, and very easy film cleaning .



E 1115 Black / White Mulch Film



Mulch film is a protection cover over the soil, primarily to modify the effect of the local climate. The most powerful feature of plastic mulch is the impact it has on light. Light is responsible for creating both, heat and color. Plastic mulch can impact the development of heat increasing or decreasing it, depending on color.

DURABILITY: 10 months **THICKNESS:** 25-40 μ

***WIDTH:** 1.5-11.0 m ***LENGTH:** Made to order

Tensile Strength at break[MD] - MPa. 26
Tensile Strength at break[TD] - MPa. 26
Elongation at break [MD] - 400%
Elongation at break [TD] - 600%
Falling Dart Impact - 150gr.
Total light transmission - Max 1%
Thickness average - $\pm 5\%$ on nominal
Thickness tolerance - $\pm 15\%$

Greenhouse Plastics

E 1542 Standard UV Stabalized PE Film



Diffused multi-layer greenhouse cover. The film contains special UV stabilizer with improved chemicals resistance compared to standard stabilizers.

DURABILITY: 3 years **THICKNESS:** 150-300 µ

Falling Dart Impact - 1000g
Total light transmission - 85%
Light diffusion - 65%
Thermicity - 50%
UV blocking - 95%
Thickness average - ±5% on nominal
Thickness tolerance - ±15%
Chemical Suplhur - 1000ppm
Chemical Chlorine - 100ppm

E 1748 Standard UVA+IR+AF+AV Film



Colorless, sulfur resistant multi-layer greenhouse cover. The anti-fog additives to prevent dripping onto the plants and light transmission reduction (water drops act like a mirror and reflect light). The IR ingredient prevents heat "escape" at night. **The film contains Anti-Virus additives.**

DURABILITY: 3-3.5 years **THICKNESS:** 200 µ

Falling Dart Impact (200 microns) - 1200
Total light transmission - 86%
Light diffusion Internal - 65%
Thermicity - 80%
UV blocking - 100% / 380nm

E 1821 Plastic - Natural UVA for Nectarine



Multi-layer greenhouse cover. The film has a wide open window in the UV range permitting a large percentage of the UV solar radiation to enter the greenhouse in order to enhance the color contrast of the roses and to ensure the development the reddish colors in nectarines and peaches.

DURABILITY: 3-3.5 years **THICKNESS:** 200 µ

Falling Dart Impact - 1200* g
Total light transmission - 85% min
Light diffusion Internal - 60%
Thermicity - 55%
UV light transmission - 80%
UV light transmission - 50%

E 2417 Smart Aluminium - New technology



Multi-layer greenhouse cover with special Aluminum pigments. The pigment reflect the far infra-red radiation during the day, by that, reducing the temperature inside the greenhouse. At night, the Aluminum pigments block the IR radiation keeping the greenhouse temperature higher that outside temperature. Also the film contains thermic, anti-fog and Anti-Virus additives.

DURABILITY: 3 years (Anti-fog 18 months) **THICKNESS:** 180-300 µ

Falling Dart Impact -1200 g
Total light transmission- 80%
Light diffusion - 65%
Thermicity - 85%
UV blocking - 100%

E 1904 Black / White Film for Sileage



High light reflection that avoids the excessive heating of film & the increase of temperatures under the plastic sheeting, preventing fermentations & diseases.

DURABILITY: 2 years **THICKNESS:** 150 µ **WIDTH:** 4 m- 14 m

Falling Dart Impact - 450gr. min
Total light transmission - Max 1%
Thickness average - ±5% on nominal
Thickness tolerance - ±15%

E 1836 Berry Thermic: Reinforced Stabilized Poly-tunnel + Anti-dust



High strength, multi-layer diffused PE film. The light diffusion reduces construction and self shadows and allows the plants to receive a more even distribution of light during the day and the IR ingredients prevent heat escape at night. **The film has Anti-dust properties.**

DURABILITY: 3 years **THICKNESS:** 150-200 µ

Falling Dart Impact (200µ) - 1200 gr.
Total light transmission - 85%
Light diffusion - 65-70%
Thermicity - 70%
UV blocking - 97% / 350nm



Anti-drip/
Anti-fog (AF)



Anti-virus
Netting (AV)



Light
Diffused



Thermic
% (IR)



Suplhur
(S)



Chlorine
(C)



UVA
Block



Multi-
Layer

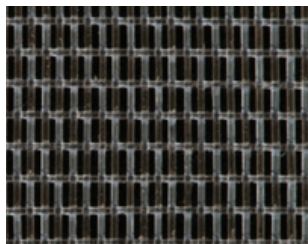


Greenhouse Plastics: Anti-virus Net

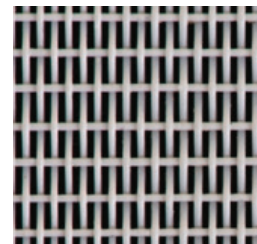
POLYETHYLENE FILMS FOR AGRICULTURE



Anti Virus Net 50 Mesh



Bionet™ 50 Mesh Net



Anti Virus 50 Mesh Net

Anti Virus Net 50 mesh protects the crop against Whitefly, leaf miner, Aphids, Thrips and more insects. The net prevents the penetration of those insects to the structure and by that the crop is safe. Thanks to this net the grower can have more yield and better quality from his crop, with much less spraying of chemicals. This net can be used in all stable structures in vegetables, herbs and flowers. Mainly used in Tomato crop in Anti-Insect houses in Israel, Spain, Mexico, Chile and other places.



SPECS:

Description:	Insect control Net 50 Mesh
Material:	0.22mm Stabilized HDPE monofilaments (Made in Israel)
Structure:	Mesh Weaving, 50/25 Inch, 20/10 cm
Colors & Shade:	Transparent 24%; grey 40%
UV Block:	5 years

USAGES:

Vegetables and Herbs such as Tomatoes, Cucumbers and Chives
Suitable for permanent, rigid structured types

ADVANTAGES:

Protection against whitefly, Thrips (partially) and other, larger pests
Enables uniform and healthy growth over a long season

Bionet™ 50 Mesh Net

Photo-Selective Bionet® net protect the crop in two ways, one by the size of the hole that is smaller than the insects and the second way is optic, the net have special additives that block some of the light in specific wave length that cause the insects that penetrate to the structure to have less orientation in the field and they don't get to the crop and die. Photo-Selective Bionet® net protects the crop against Whitefly, leaf miner, Aphids, Thrips, mite and more insects. Thanks to this net the grower can have more yield and better quality from his crop, with much less spraying of chemicals. This net can be used in all stable structures in vegetables, herbs and flowers. Mainly used in Tomato, Cucumber, Pepper, Chive, Basil and other crops. The Photo-Selective Bionet® is a worldwide patent and a breakthrough innovation in agriculture in Israel and worldwide. Be careful for imitation! Only METEOR produces the Photo-Selective Bionet®

SPECS:

Description:	Bio-net 50 Mesh
Material:	0.22mm Stabilized HDPE monofilaments with Bio-net additives
Structure:	Mesh Weaving, 50/25 Inch, 20/10 cm
Colors & Shade:	Transparent 25% , White 40%
UV Block:	5 years

USAGES:

Double protection against pests: Physical and Optical
Protection against whitefly, Thrips (partially) and other, larger pests
The net filters light wavelengths, which pests use for spatial orientation, leading to their demise.

ADVANTAGES:

Protection against whitefly, Thrips (partially) and other, larger pests
Enables uniform and healthy growth over a long season





Greenhouse Coir

PROPAGATION OF VEGETABLE AND ORNAMENTAL PLANTS, FRUIT AND FOREST TREES



Coco peat is nothing but medium for growing plants due to its moisture retaining quality.

Coconut husks are the outer part of coconut as a spongy cellulose material consisting of 100% Coco Peat or Coir Dust. This Coco Peat is a cellulose material made out of tissues which intake water and conserve moisture for a longer time. By virtue of the quality of Coco Peat and moisture retaining property it is utilized in all European countries and in USA as plant growing media. The Coconut Husk is washed in water and it is utilized for extraction of coir fibre. During the extraction of coir fibre coco peat / coir dust is produced as by product. This coco peat is washed for one week or rinsed in water to avoid salt contents or sodium chloride. Salt contents is measured with the parameter of electric conductivity which is commonly known is EC level. This EC level should be minimum < 1.00 ms/cm for attaining good growing property / growing medium.

100%

100%

PRODUCT:

Compressed Cocopeat bales / husk / dust coir

APPLICATION:



Size bale: :	28x28x15 cm
Bales on pallets:	250 units.
Moisture :	below 20% (w/w)
pH:	5.5 – 6.5
E.C.:	below 1.0 mS/cm in 1:5 method
Air Filled Porosity:	20%

70/30

70/30

PRODUCT:

Compressed Cocopeat bales 70/30 cocopeat / cut fiber

APPLICATION:



Size bale:	30/30/15 cm
Bales on pallets:	250 units
Moisture:	below 22% (w/w)
pH:	5.5 – 6.5
E.C.:	below 1.0 mS/cm in 1:5 method
Air Filled Porosity:	20%

50/50

50/50

PRODUCT:

Compressed Cocopeat bales 50/50 cocopeat /chips 24-25mm

APPLICATION:



Size bale:	30/30/15 cm
Bales on pallets:	250 units
Moisture:	below 20% (w/w)
pH:	5.5 – 6.5
E.C.:	below 1.0 mS/cm in 1:5 method
Air Filled Porosity:	20%

POP-UP

POP-UP

PRODUCT:

Pelemix – P.L.F (3070) Opentop 201913. Universal Opentop 5 L.

APPLICATION:



Expanded Volume:	5 Liters (20(l)x19(w)x13cm (h) cm)
Material:	30% Crush material; 70% 16mm material; 100% coir (PLF material)
Plastic bag:	350 gage, black inside/white outside; UV protected for at least 1 year; Drain holes included
Expanded Volume:	9 Liters



Horticulture



Floriculture



Agriculture



Greenhouse Peat Moss

PROPAGATION OF VEGETABLE AND ORNAMENTAL PLANTS, FRUIT AND FOREST TREES

PLEASE INDICATE ON PDF what has been edited



Plug Mix Extra Plus 402

A very open and fine structure, for better germination and root growth. Option: fine perlite for an increased drainage.
0,7 g/l fertiliser, pH H2O 6, AFP = 10-15%, WHCpF1-2 = 25-30%.
 Registration number B 5311.

AFP : Air Filled Porosity
 WHCpF1-2 : Water Holding Capacity from pF1 to pF2



White sod peat
 (1 – 7 mm)

White peat
 (0 – 5 mm)



TS1 Fine 876

Best seller for modular trays, insures good contact with seeds, with higher germination rate and better rooting.
 Can be used plain, or blended with locally available additives.
 Option: lower fertiliser level.
1 g/l fertiliser, pH H2O 6, AFP = 8-12%, WHCpF1-2 = 30-35%.

Registration number B 5312.



White peat
 (0 – 5 mm)



TS1 MB 085

Modular trays: blends with locally available additives to increase water holding capacity and balance drainage.
 Improves the contact with the seeds giving a higher germination rate. **Pots:** can be used plain or blended with local raw material, gives better root and plant development.
1 g/l fertiliser, pH H2O 6, AFP = 10-15%, WHC pF1-2 >35%.

Registration number B 5314.



White peat
 (0 – 25 mm)

White Sod peat (5-15 mm)



TS1 MB GF 814

GreenFibre® inside !
 New multipurpose substrate with increased air and drainage, without any risk of salt.
No fertiliser, pH H2O 6, AFP >30%, WHC pF1-2 >25-30%.



GreenFibre®

White peat
 (0 – 25 mm)

Substrates made by Klasmann-Deilmann

GROWING ON OF EDIBLE AND ORNAMENTAL PLANTS

where? specifically



TS1 Medium + Fibres 784

Fibrous substrate to grow plants in bigger bags and pots. Peat fibre is allowing lateral water movement. Can be used plain or blended.
1 g/l fertiliser, pH H2O 6, AFP = 15-20%, WHCpF1-2 >30%.
 Registration number B 5313.

AFP : Air Filled Porosity
 WHCpF1-2 : Water Holding Capacity from pF1 to pF2



Peat fibers
(0 - 30mm)

White peat
(0 - 25 mm)



TS 1 Coarse 418

Very coarse fibrous substrate to grow plants in big pots for long term crops, or sensitive plants. Peat fractions and peat fibres are increasing air capacity and drainage.
1 g/l fertiliser, pH H2O 6, AFP 25-35%, WHC pF1-2 >35%.



Peat fibers
(25 - 70mm)

White sod peat
(25 - 45 mm)

White sod peat
(10 - 25 mm)

White peat
(0 - 25 mm)



Lithuanian Peat Moss 931

Acidic peat for acidic plants as Protea, Blueberry, Azalea. It is in general blended with local raw material to decrease pH of growing media and soil. Does exist in fine and coarse structure.
No fertiliser, pH H2O 4-4,5, AFP 10-15%, WHC pF1-2 >35%.



White peat
(0 - 25 mm)



TS 4 Coarse "Blueberry" 391 with perlite + GreenFibre®

Substrate specially designed to grow blueberry in big pots, long term. This is the most representative product of a full specific range of growing media, to be chosen depending on growing conditions. Does exist with coir and perlite.
0,5 g/l fertiliser, pH H2O 4,8, AFP >30%, WHC pF1-2 >25%.



GreenFibre®

Perlite

White sod peat
(25 - 45 mm)

White sod peat
(10 - 25 mm)

Peat fibers
(25 - 70mm)



Seedlings



Fruit & Vegetables



Ornamental



Nurseries



Landscaping



Greenhouse irrigation

IRRIGATION SOLUTIONS FOR: Residential Gardening, Turf & Landscape, Greenhouse and Open Field



Supertif & Accessories

Supertif / Supertif ND Flow Regulated Dripper

- Outstanding resistance to clogging
- Self-flushing mechanism

Supertif ND / NDH: Brown
Supertif ND MOP: Light Blue
Supertif NDH MOP: Blue

Operating pressure range:
Supertif: 0,6-3,5 (25 lph: 1,25-3,5) bar

Supertif ND (No-Drain): 0,7-3,5 bar
Supertif NDH (No-Drain High): 1,2-3,5 bar
Supertif ND MOP: 1,3-3,5 bar
Supertif NDH MOP: 1,3-3,5 bar
Installation: Use 2 mm punch tool

Crop applications:

SUPERTIF PC:

Orchard, Vinyard And Landscape Applications

SUPERTIF PCND OR PCND-H:

Greenhouse, Orchard (New Plantation), Nursery



FLF Fogger & Rondo Mister



FLF Fogger & Rondo Mister Fogger Low Flow, Finest Droplets

- Control humidity and temperature in both greenhouses and high tunnels
- Part of a cooling system in animal husbandry
- Irrigation in both cutting propagation and seed germination
- Unique vortex flow
- FLF average droplet size - 70 microns

FLF Mist Sprayer - Single
FLF - 2-Way
FLF - 4-Way

Crop applications:

All net and plastic structures climate control
Rondo Mister: For germination and climate control



Sprinklers

RONDO Micro & RONDO Flow Regulated (RFR) Micro

- Low to moderate flow rates and fine droplets prevent water run-off. Constant flow rate over a wide pressure range (RFR)
- Flow rates: Rondo: 51-300 lph, RFR: 23-95 lph
- Effective wetting diameter:
Rondo: 4,4-11,0 m, RFR: 5,0-7,0 m
Static deflectors: 90°, 180°, 360°

Product Options:

Flow rates (2,0 bar) -
Rondo: 30, 39, 51, 75, 64, 102, 132, 174, 254, 298 lph
RFR: 23, 30, 41, 53, 70, 95 lph

Inlet Connections - Ultra female conic, 3/8" Thread (RFR), 5 mm Thread
Spinners

Attachments: Anti-ant cup
RFR: Under tree irrigation on sloping terrain
Effective wetting diameter:
Rondo: 4,4-11,0 m, RFR: 5,0-7,0 m
Static deflectors: 90°, 180°, 360°

Operating Guidelines:

Operating pressure ranges
Rondo: 1,5-2,5 bar, RFR: 1,5-3,5 bar

Applications:

Inverted in greenhouses, under tree in orchards and on metal stakes in vegetables fields

Rivulis irrigation solutions

IRRIGATION SOLUTIONS FOR: Residential Gardening, Turf & Landscape, Greenhouse and Open Field

Rivulis Irrigation provides industry leading drip and micro irrigation solutions with superior channel partners to growers that want to optimize operations and output. We now import, Install & show you how to use these premium irrigation system products.



Pro-tape
Drip tape

PRO -TAPE

- Turbulent flow dripper technology
- White stripe (easier installation)
- Self-closing slit outlet (ideal for SDI systems)

Product Options:

Diameters: 16mm
Wall thickness: 0.15mm-0.40mm
Dripper spacings: 0.20-0.30 cm
Flow rate per outlet: 0,25-1,35 lph
Flow rates at 0,55 bar: 90-1350 lph/ 100 m

Operating Guidelines:

Standard operating pressure: 0,55 bar
Maximum pressure: according to wall thickness

Crop applications:

MODEL 506 (0.15mm wall thickness) Tomatoes, peppers, melons and strawberries.
MODEL 508 (0.20mm) Where more resistance to abrasion and insect damage is desired. All vegetable crops.
MODEL 510 (0.25mm) Heavy or rocky soil, where insects are a problem, where it is to be moved or reused for multiple seasons.
MODEL 515 (0.40mm) Heavier soil / soils presenting rougher terrain / insects /even small



D2000 Non PC
Drip Line



D5000 PC
Drip Line

D2000 Non PC Drip Line

Nominal diameter: 16 mm
Wall thickness: For 16 mm - 0.78, 0.90, & 1mm
Flow rates: 1,0, 1.5 & 2,0 lph
Std. Dripper spacings: 30, 40, 50, 60, 75, 100cm

Operating Guidelines:

Recommended operating pressure: 1 bar
Filtration requirements (based on lph/Dripper):
lph/Dripper Micron Mesh
≤ 1,00 100 150
> 1,00 130 120

Applications:

Vegetables, orchards, vineyard's and landscape applications

D5000

Multiple filter inlets
Large cross section labyrinth
Self-closing slit outlet on 0.40mm product
Outlet: 0.40mm wall thickness - Slit
Above 0.40mm - Hole
Diameters: 16, 17, mm
Wall thickness: 0.40mm - 1.20mm
Flow rates: 0,65, 1,0, 1,5, 2,0 lph

Operating Guidelines: Operating pressure range: 0,5 - 3,5 bar

Applications: Blueberries, orchards, vineyard's and landscape applications; SDI – Sub surface Drip irrigation



Hydrogol Non
PC Drip Line



Hydro-PC Drip Line

Hydrogol

NON PC Drip Line:

Designed with a large cross-sectional labyrinth - provides a turbulent water flow which minimizes the formation of residues that may cause clogging. Manufactured with two outlets and two inlet filters. High clogging resistance due to the large channel and large inlet filter.

Diameters: 12, 16, 20 mm
Wall thickness: 25 - 45 mil
Flow rates at 1,0 bar: 1,0 - 8,0 lph

PC Drip Line:

Highly resistant to clogging due to the large cross section labyrinth and the continuous flushing of the inlet filter by the water flow. Pressure difference in the regulating chamber creates a continuous self-flushing operation. No-Drain (ND) features prevents Drip line from ingesting containments during pressure drop with system Shut- down.

Diameters: 12, 16, 17, 20 mm
Wall thickness: 35 - 47 mil
PC Flow rates: 1,05 (12 mm), 1.2, 1.6, 2.2, 3.6 lph
PC ND Flow rates: 1,05 (12 mm), 1.35, 1.75*, 2.35, 3.75** lph



Galcon irrigation controllers

IRRIGATION SOLUTIONS FOR: Residential Gardening, Turf & Landscape, Greenhouse and Open Field



AC-24 "S"

- Modular controller that scales to your needs.
- 8 valves, expanded to operate 24 valves.
- Irrigation durations from 1 second up to 12 hours.
- Fertilizers can be added during irrigation duration.
- Control lighting with a special lighting program.
- Rain sensor, soil moisture, similar sensors
- Monthly water budgeting, rain delay, auto. Restart, short-circuit identification, 9V battery backup, cyclic mode and Multi-function valve programming.



8000 "S"

- Irrigate in seconds using a cycle of pre-set minutes.
- 8000 controllers are connected to switch-type sensor for optimal performance.
- Irrigation duration from 1 second to 12 hours.
- 4 to 12 stations
- 9V BACK UP BATTERY
- Can connect "external sensor to trigger a program. for example a temperature or Humidity reader"



GALPRO

- **Fixed outputs (9 or 13):** 8 irrigation valves, 1 master valve; 1 or 2 fertilizer pump output and 1 filter or 7 valves; 2 filter flushers; operate latch elements (solenoids, latch relays)
- **Fixed inputs:** 4 water meters, 1 or 2 fertilizer meters, 3 condition inputs
- Available in AC and DC models
- Warning in case of water leakage or system damage
- Proportional fertilizing



GSI & GSF

- A cloud-based irrigation controller using computer, laptop, tablet or smartphone
- AC, DC (Battery-operated) or DC with Solar panel
- Advanced monitoring and alert system, Real-time notification via email
- Simple over-the-air (OTA) updates and upgrades
- Can be connected to GAL1WAY RTU units
- Can connect "external sensor to trigger a program. for example a temperature or Humidity reader"
- DC controller: 12 station + Master Valve, battery operated controller.
- AC controller: 24 station + Master Valve, standard electric connection.



GALILEO

GREENHOUSE:

- Internal and external sensors
- 4 different climate zones
- Windows, fans, thermal screens, cooling /heating
- CO2, spraying systems, air circulation,
- EC/PH, Water recycling, mixers, drainage, misting

OPEN FIELD:

- 50 irrigation lines, 8 fertigation centers
- 200 irrigation valves, 100 water meters, EC/PH control,
- 100 irrigation programs,
- 8 pumping stations
- 10 filtration centers
- 5 mixing junctions



FERTIGATION MACHINES

FERTIJET: By-pass mixing machine with direct injection that includes Galcon's Galileo controller and EC/pH control. FertiJet standard / FertiJet High Flow / FertiJet double High Flow.

FERTIGAL: Inline mixing machine with direct injection. Galileo controller / EC/pH control. 8 fertilizer pumps (350 L/H). Two kinds of pumps: a Venturi pump and a booster pump

FERTIMIX: Each Fertimix machine includes a mixing tank, and comes with a Galileo controller and EC/pH control.



Pericoli - Cooling equipment

Based on the simple physical principle of adiabatic cooling



Evaporative Cooling Pad

Evaporative panels PERICOOL are a simple and economical way to humidify the air in big spaces with minimum energetic costs thanks to the adiabatic process. A water distribution system pours the water into the evaporative panel in order to impregnate uniformly its special honeycomb structure. At this point the air passing through the panel partially transfers its heat to the water, causing its evaporation.

Applications: PLEASE SUPPLY INFO we can convert into icons. if not uses, then features opr something to make this visually and functionally fit in with the rest of the brochure; please



Metal Frame system with Tank-Gutter

This product is made up by stainless steel gutter frames, without any additional external water storage thanks to a special lower gutter, which serves as a tank. This improved new system is easy to install, permits to avoid all costs related to external tank with additional pipes. The new lower gutter, although with the same design of the traditional one, has become deeper in order to contain the correct amount of water required by the system to operate. This product is appreciated not only by customers, but also by installers, maintenance workers and end-users for the simplicity and flexibility that distinguish it.

Applications: PLEASE SUPPLY INFO



Belt-Driven Exhaust Fan

Exhaust fan specifically designed for high airflow capacity. Available in 42" and 53", their main features are great efficiency and low maintenance costs. The fan housing is available in galvanized or stainless steel (Aeternum EWS 53 only) for the maximum corrosion resistance. The entire line is tested in a PERIlab and certified by BessLab. Some of the features and advantages are that the fans are Air-and light-tight, easy opening guards, pre-tensioned V-belt and the bottom panel with 4 practical water discharge holes.

Applications: PLEASE SUPPLY INFO



Cylindrical Air Circulation Fan

ACF line is the ideal product whenever air displacement is required. It is available in 18", 21" and 26" with wall-housing in galvanized steel or stainless steel for maximum corrosion resistance. Produced with highly resistant materials, it has been designed in order to ensure high energy efficiency and excellent versatility. ACF ensures low noise levels to grant productive labor conditions for the workers. The entire line is tested in our PERIlab and certified by BessLab.

Applications: PLEASE SUPPLY INFO



Greenhouse Technology Products & Solutions

Imported greenhouse products

Rooted in the heart of Dutch Floriculture, UFO Supplies offers a selection of products, specially selected for the South-African vegetable or flower grower. These are products that suit our clients' unique circumstances, products that are key for cultivating good results, products that ensure our clients are one step ahead of the rest.



Ground Cover

Groundcover is a durable woven cover that keeps the ground clean, free from weeds and easy accessible. Groundcover can be used outdoors as well as in the greenhouse. Due to its woven structure, it drains water quickly. Groundcover is ideal for outdoor pot and container cultivation of plants and berries as it prevents weed growth and drains water quickly. It is easy to keep the field clean during and after season. The cover comes with coloured square pattern to ease plant spacing.

RELATED PRODUCTS

- Flower support netting
- Acryl frost cover
- Capillary mat



Perlite

Agra-perlite serves as an additive in potting soils and sowing soils. Perlite is a purified and broken volcanic stone, the grains have a rough surface and open structure which results in the fact that they are very airy and can absorb a lot of water. Perlite is added in substrates for pot plants and media to root cuttings or germinate seeds as well as cover for seeded trays.

RELATED PRODUCTS

- Klasmann propagation substrates
- Klasmann potting substrates
- Coir medium



Plastic repair Tape

High quality greenhouse repair tape. Long lasting tape UV and temperature resistant to South African circumstances. Available in 100mm wide rolls.

RELATED PRODUCTS

- Politiv greenhouse plastic
- Politiv black/white silage



Tomato Clip

Bato clips give the best plant stem guidance in the production of tomatoes and peppers. By using the Bato clip, it is no longer necessary to keep turning the plant stems along the twine with the possibility of damage to the plant.

RELATED PRODUCTS

- Tomato hook with wire
- Tomato truss support
- Cucumber top bend



UFO - Greenhouse solutions

Exporters of selected hardware for professional growers

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Q3 Shading Paint

High quality shading paint for use on glass and plastic surfaces. Reduces infl ux of light and heat into the greenhouse. In rainy weather this effect is minimal. Q3 leaves a homogeneous protective fi lm which holds for months. With the use of REMOVIT it is easy to r emove. As a liquid it is easy to dilute and solution can be applied with professional spraying systems. Q3 is especially advised for climates where sunny weather is combined with frequent rain showers.

RELATED PRODUCTS

- Q2 shading paint
- Shading powders
- Heating pipe paint



Cucumber Foil

High transparent shrink fi lm for cucumber packaging. Excellent gloss for good presentation of the product. Flat fi lm with micro-perforation (standard 10*10 mm but 50*50 optional). High speed shrink wrap. Clear BOPP co-ex fi lm for packaging cucumbers. Production according to BRC conditions.

RELATED PRODUCTS

- sweet pepper packaging
- carrot, cabbage packaging



Spray Trolley

Empas spray trolleys complete plug and play with electric or petrol engine.

- Empas Georgia 4-wheel, 600-1000-1500ltr tank
- Empas Atlanta 3-wheel, 200 and 400ltr tank
- Empas Montana 3-wheel, 120ltr tank

RELATED PRODUCTS

- High pressure pumps
- Spray lances
- Horizontal spray booms
- Vertical spray booms
- HP hose 80bar

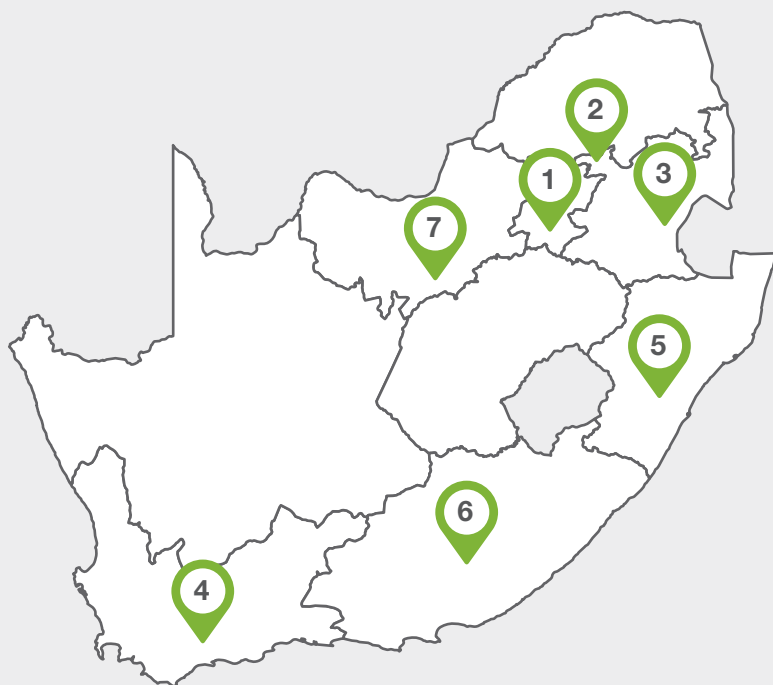


Tomato Clip

The original Danish trolley widely used amongst growers and trade in flowers and pot plants. Ideal for storage for flowers in the cold store, and for transport of flowers and buckets in cold store and processing hall. As well as transport and display of pot- and bedding plants. Size: 135x56.5x190cm, two swivel and two fi xed wheels.

- Maestro trolley size 130*102*190cm
- Flower buckets round and square
- Flower bunch cutter
- Flower hand binder
- Flower defoliating machine

Cultivating effective growth nationwide



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