



Kalliergo

Kalliergo Farming
www.kalliergofarming.com

066 270 3201

Tunnel and Vertical Farming Experts



2023

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Growing Into The Future

Greenhouse Tunnels at Affordable Prices

Our Tunnels are

Cost effective structures to add to your garden or Farm .

Our Frames are NOT built using standard HDPE Water Pipes or Galvanized Steel Pipes.

But a Specialized HDPE UV Resistant Extruded Oval Shaped Plastic Pipe ,

*The hollow profile of our HDPE plastic pipe with its ventilation properties makes it ideal to combat

*High temperatures

* Makes it extremely rigid ,

* Impact and weather resilient



We Space our frames Closer Together to give maximum resistance and durability .

The 200-micron Plastic we use is a double layer polyethylene, Multi solar Plastic ,is not only UV treated, but it also is antibacterial, infra-red thermal treated and light-diffusing, and offers durability by being extra supple and workable.

We Cover our Tunnels with a 40% Agricultural Shade net Over our Multi Solar Plastic, offers crop protection and temperature control.

* Also Helps to Protect against Environmental Hazards, Hail ,Heavy Rain etc.

Industrial Zips are used in our tunnels and allows for the tunnel to be opened and Closed Easily ,

Different Widths available

* 4.2m Wide x 2.4m High

* 5m Wide x 2.6m High

We can Build Custom lengths in 3m Segments starting from 6mL

or have a look at our standard sizes

3 Different covering options to choose from

* 40% Shade Net or other % Covering at additional Charge

* 3/4 200 Micron Covering giving you ventilation on the bottom+ Hail Net

* Full 200 Micron Covering giving you only Ventilation on the Front and Back + Hail Net

Have a Look on our website for More Information on our Tunnels and our Vertical Farming Solutions

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Kalliergo Tunnel Prices November 2023



<u>OPTION 1</u>	<u>OPTION 2</u>	<u>OPTION 3</u>
FULL 40% SHADE NET FRONT AND BACK CLOSED WITH 40% SHADE NET 1 X ZIP ENTRANCE	PLASTIC 3/4 SIDE COVERING & 40% SHADE NET OVER PLASTIC TO HELP WITH HAIL PROTECTION. BACK & FRONT CLOSED WITH 40% SHADE NET 1X ZIP ENTRANCE	FULL PLASTIC SIDE COVERING & 40% SHADE NET OVER PLASTIC TO HELP WITH HAIL PROTECTION . BACK & FRONT CLOSED WITH 40% SHADE NET 1X ZIP ENTRANCE

PRICES INCLUDE INSTALLATION

<u>Tunnel Size</u>	<u>Option 1</u>	<u>Option 2</u>	<u>Option 3</u>
<u>4.2m Wide Tunnels</u>			
6mL x 4,2mW x 2.4H	R 12,950.00	R 14,450.00	R 14,950.00
9mL x 4,2mW x 2.4H	R 15,950.00	R 18,450.00	R 18,950.00
12mL x 4,2mW x 2.4H	R 19,950.00	R 22,450.00	R 23,450.00
15mL x 4,2mW x 2.4H	R 21,950.00	R 24,950.00	R 25,950.00
30mL x 4,2mW x 2.4H	R 42,950.00	R 46,950.00	R 47,950.00
<u>5m Wide Tunnels</u>			
6mL x 5mW x 2.6H	R 14,450.00	R 16,450.00	R 16,950.00
9mL x 5mW x 2.6H	R 18,450.00	R 20,950.00	R 21,500.00
12mL x 5mW x 2.6H	R 21,950.00	R 23,950.00	R 24,950.00
15mL x 5mW x 2.6H	R 26,950.00	R 29,450.00	R 29,950.00
30mL x 5mW x 2.6H	R 46,950.00	R 51,950.00	R 52,950.00

Price Subject To Change Without Prior Notice

Free Delivery 40km Radius from Pretoria

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Kalliergo DIY Tunnel Prices November 2023



OPTION 1

FULL 40% WHITE
SHADE NET FRONT
AND BACK CLOSED
WITH 40% SHADE NET
1 X ZIP ENTRANCE

OPTION 3

FULL PLASTIC SIDE
COVERING &
40% SHADE NET OVER
PLASTIC TO HELP WITH
HAIL PROTECTION .
BACK & FRONT CLOSED
WITH 40% SHADE NET
1X ZIP ENTRANCE

DO IT YOURSELF (DIY) TUNNELS

NO INSTALLATION OR DELIVERY INCLUDED

Tunnel Size

4.2m WIDE TUNNELS

	<u>Option 1</u>	<u>Option 3</u>
6mL x 4,2mW x 2.4H	R 11,000.00	R 12,950.00
9mL x 4,2mW x 2.4H	R 14,000.00	R 16,450.00
12mL x 4,2mW x 2.4H	R 17,450.00	R 20,450.00
15mL x 4,2mW x 2.4H	R 19,450.00	R 22,950.00

5m Wide Tunnels

6mL x 5mW x 2.6H	R 12,450.00	R 14,500.00
9mL x 5mW x 2.6H	R 15,950.00	R 18,950.00
12mL x 5mW x 2.6H	R 19,450.00	R 21,950.00
15mL x 5mW x 2.6H	R 21,950.00	R 25,950.00

Collection in Cullinan or Delivery Cost to be Worked out.

Price Subject To Change Without Prior Notice

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GeoTowers™



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GeoTower™

When Hydroponics Methods meet Soil Based Planting

Hydroponics is the practice of growing plants with a neutral substrate, or with just the plant roots bathing in a nutrient solution, whereas organic farming relies on soil as the primary source of nutrients for plants.

We combined Hydroponic Farming methods and Soil Based Growing, which involves the use of a Hydroponic or Organic Fertilizer in a water solution that is delivered to the roots of the plants

What is The Difference Between a Hydroponic Growing System and a Geoponic (Soil-Based) Growing System ?

While both hydroponic and Geoponic growing systems provide higher than average yields,

Geoponic systems are overall more cost-effective, require less high-skilled labor and maintenance, have a longer shelf-life, and can yield a more diverse range of crops. Moreover, using a Geoponic solution supports values of keeping plants in their original environment and utilizing nutrients and minerals in their natural form.

Building on the success from the Gen2 Towers Kalliergo Developed the Gen3 GeoTowers.

Developing GeoTowers that can give you Higher amounts of plants and also Higher Yields. The Tower is almost double in width from where the Gen2 Towers was and also giving the end consumer more root area for the Plants to grow in.

But keeping form and function into consideration for the Tower.

The Gen3 GeoTowers are built by one of the most Experienced Molding Companies in South Africa

Utilizing some of the most advanced machinery systems available in South Africa

Keeping Client and Material Quality in mind, Made from the Same Materials that fresh water tanks are made from and using top quality sourced virgin materials to manufacture the Gen3 GeoTowers from



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GeoTower™ Improved Growing Medium now Includes a Slow Release Fertilizer for up to 8 Months of Growth Plant Species Dependant

- The most reliable and effective way to make the availability of nutrients coincide with plant requirements is by controlling their release into the soil solution, using controlled release fertilizers. This is accomplished by encapsulating fertilizer granules in a polymeric coating,
- A single pre-planting application of controlled release fertilizer (CRF) can fill a crop's nutritional requirements throughout its growth season, designed to feed plants continuously, at maximum nutrient uptake efficiency. The controlled release fertilizers save labor and application costs, enable application independent of the irrigation system, and require no sophisticated equipment.
- The controlled release fertilizers granules are applied to the Growing Medium, the coating acts as a semi-permeable barrier that allows continuous release of nutrients to the root zone.
 - The benefits of controlled release nutrition
- Optimal plant development - provide plants with balanced nutrition, according to their needs, throughout the growth cycle. This ensures optimal development and maximum high quality yields.
- Less fertilizers are needed - products release available nutrients at a rate that matches plant uptake. This minimizes fertilizer losses, and enables considerable reduction of application rates – up to 30%, as compared to conventional granular or liquid fertilizers.
- Saves labor and time - A single application covers a crop's nutritional requirements throughout its growth cycle. This saves labor and costs associated with fertilizer application. It also eliminates fertilization from the growers' routine tasks, freeing them to concentrate on other growth requirements.
- Simple application - fertilizers are applied directly to the Growing Medium, requiring no sophisticated injection or dosing system.
- Environmentally friendly - minimizes losses through leaching, volatilization or fixation, thus preventing environmental contamination.



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GeoTower™ Gen3

Small GeoTower™

& Improved Growing Medium
up to 33 Plant Grow Area, Plant
Species Dependant

R1500 With Improved Slow
Release Growing Medium

R 1195 No Growing Medium



Large GeoTower™

with Growing
Improved Medium
up to 66 Plant Grow
Area, Plant Species
Dependant

R2500 With
Improved Slow
Release Growing
Medium

R2099 No Growing
Medium



- Tower has 33 or 66 Grow holes (On top of Tower can Also Act as a growing Area for Plants)
- Easy Access to All Plants
- Affordable and Cost-Effective solution
- Made from a UV Stable, Virgin Grade Plastic
- Manufactured to the Highest Quality



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Pyrol :This product will give broad-spectrum control of most insect pests such as : aphids, beetles (e.g., Colorado potato beetle, Flea beetle, Japanese beetle, asparagus beetle), caterpillars (e.g., gypsy moth caterpillars, tent caterpillar, diamondback moth larvae, leaf rollers), ants, mealy bugs, mites, leaf hoppers, scale, white fly, adelgids, plant bugs, fungus gnats, thrips, sawfly larvae, psyllids, spittlebugs, and phylloxera.

Best Used for Heavy Infestations

250ml : R 180

500ml : R 300

5lt : R 2500



Copper soap is suited for use in domestic circumstances, both indoors and outdoors. This product controls diseases of a wide range of plants, including many vegetable, fruit and ornamentals. As with most fungicides it acts to protect plants from infection. This product will control fungal diseases such as : powdery mildew and downy mildew on vegetables and ornamentals, rust on ornamentals, late blight on potatoes and tomatoes, and Peronospora and downy mildew on grapes.

250ml : R 120

500ml : R 250

5lt : R 1500



Neudosan :This product is effective against soft-bodied insects and mites, particularly those of the order Homoptera (e.g. aphids, leafhoppers, mealy bugs, psyllids, scales and white fly). However efficacy is also obtained in the following orders Thysanoptea (thrips), Lepidoptera (caterpillars).

Best used as a Control Method and Sprayed on a regular basis

250ml : R 120

500ml : R250

5lt : R1500



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Anthony Lacy Owner

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**“Growing Into the Future “
Farmer Helping Farmers Grow**