

**Hydroponics & Aquaponics** 

Growing your own fish and vegetables at home.

### **DELUXE 4 POT VEGE GROWING KIT**

This value for money kit will surprise the keenest of growers. Why? Because it has a small, powerful pump, with the biggest performance in the tightest area. Kit includes reservoir tank, 4 pots, 4 stands, 4 colanders, submersible pump, expanded clay, plumbing and nutrient.



### **VERTICAL GARDENS**

Vertical gardening is becoming increasingly popular as the suburban back yard gets smaller. This vertical wall garden kit is a stand alone system suited for the hobbyist. You can grow a large variety of herbs and vegetables in this compact system and feed the family all year around knowing where your produce has come from. This kit comes complete with pots, stand, reservoir tank, submersible pump, plumbing, expanded clay and nutrient.

**WALL GARDEN MINI POT \$14.90 WALL GARDEN PLANTER \$29.90** 



### *AUTO POT HYDRO* **2 POT STARTER KIT**

The Hydropak starter kit is a great starter solution. This kit includes: The Hydrotray double 10" module, perlite/ vermiculite mix, nutrient, & plumbing. No electricity needed.

### AUTO POT HYDRO 8 POT KIT

The Auto Pot 8 Pot Kit gives you some more options for growing more plants.



**LIGHTS** 

### LARGE RANGE OF PLANT GROW LIGHTS LEDs, Ballasts, Fluros & Shades

Including HPS globes, digital ballasts, timers, shades, reflectors, and the latest technology in LED lighting.



The Lumatek Attis series is a range of full spectrum LED grow lights featuring top bin **LUMLED LEDs and** dimmable Lumatek drivers.

200 Watt \$699



#### **DIGI-LUMEN RETRO 600W LED 6 BAR ARRAY**

Unplug your old HPS light and plug in the new Digi-Lumen LED Light Bar.



#### PRO GROW UFO LED

UFO LED's are available in 100W, 200W, 300W & 500W configurations.

200 Watt \$299.90 300 Watt \$399.90 500 Watt \$699.90



**DIGI-LUMEN** 600W BALLAST







## KITS

### Answers from the Professionals

Growing your own plants at home is easy in any of these fantastic kits, complete and ready to grow!



### DFT BATO SYSTEM

The D.F.T. (deep flow technique) system is based on the exclusively designed Dutch BATO pot. The design allows each pot to hold re-circulating nutrient solution, giving growers peace of mind should a pump or electricity fail. This approach is unique in that each plant is in a readily removable separate pot, yet connected to an entire watering irrigation system. Particularly beneficial to large rooted plants like tomatoes, cucumbers, capsicums etc. Contains aluminium stand, 4 x Dutch BATO pots, submersible pump, expanded clay, reservoir tank, plumbing and nutrient. This system can be expanded to commercial size.

Upgrade to an 8 Pot system. Bato Pots available \$19.90 each



- Medium 100cm x 100cm
- Large 100cm x 200cm

Also available are the shade and hot house covers to suit all sizes.

Med. \$369.90 Lae. \$549.90



### NUTRIENT FILM TECHNIQUE

Grow lettuce, strawberries, herbs and more. Big with commercial growers. The N.F.T system works by constantly pumping a thin film of nutrient solution directly to the roots of the plants. The nutrient solution is pumped into specifically designed hydroponic channelling and flows under the roots of the plants, then drains back into the reservoir. Contains aluminium stand, hydro channels (155x70mm), grow cups, reservoir tank, submersible pump, feed/drainage lines and nutrient. Other sizes available.



The name says it all, no weeding, bending or digging. Two troughs of expanded clay (perlite optional) allows the home hobbyist flexibility to grow almost any top crop. Durable enough to withstand the harshest of UV treatment for years. Grow tomatoes, cucumbers, lettuce, capsicums, herbs and more. Kit contains aluminium stand, plumbing, expanded clay, reservoir tank, submersible pump, nutrient and grow beds. Plants not included.



## CLONE

### **Propagation Clone Kits**

These clone tent combos contain everything you need to start growing, all you need to do is add your preferred seed or cutting!







# **POTS**AND PROPAGATION

#### Large range of pots & systems

Flood and drain method, NFT, DWC or anything in-between. You can be sure you'll find everything you need.



WILMA 4 POT KIT LARGE 50L 75x75cm

\$**349**90

Wilma 4 Pot XL Kit 70L 90x90cm \$399.90 Wilma 5 Pot XXL KIT 150L 115x115cm \$549.90 Wilma 8 Pot XL KIT 180L 190x190cm \$629.90







PRO POTS 15L & 27L BUCKET, STAND & GRATE SETS

\$3570 15L set 27L set \$53.70



COMPLETE
Contains tray
base, drain, lid
and rockwool

cubes.





HEAT MATS
CultiV8 range
comes in 3 sizes.
Essential for
keeping your
babies warm

\$3990 Small Medium \$44.90 Large \$59.90

## TENT COMBOS

#### See our range Combos

stress of picking and choosing system components. See our full range in store and online.





### **Aquaponics** & Hydroponics in schools

Hydroponics and Aquaponics are fast, becoming a means to teach students about the more nontraditional ways of farming food, and ways in which food is grown.

ARE YOU A TEACHER? AQUAPONICS AND HYDROPONICS SYSTEMS SCHOOL EXCURSIONS AVAILABLE HERE ENQUIRE TODAY ...

Aquaponics can promote scientific literacy and provide a useful tool for teaching the natural sciences at all levels from primary through to tertiary education.

Aquaponics classroom model system can provide multiple ways of enriching classes in science, technology, engineering, and mathematics "STEM". The day to day, maintenance of an aquaponics system can also enable experimental learning.

Hydroponics give students opportunities to build and maintain a real life growing system, plant and harvest crops. Suddenly the lessons they have been learning are being applied to something they truly care about, and the lessons come alive.

Most hydroponic systems are kept indoors, which allow students to improve plants production by controlling the temperature and lighting schedules. Students can also control the pH and nutrients of the nutrient solution to make sure plants get the exact nourishment, they need for these systems.

These systems can become an enjoyable and effective way to study "STEM" content and can also be used for teaching subjects such as business and economics and for addressing issues like sustainable development, environmental science, agriculture, food systems and health.





Our range is premium quality and includes Grodan Rockwool, Liaflor Expanded Clay, Perlite, Vermiculite, Coco Peat, Pumice, Spongolite and Zeolite as well as Capillary Matting and Jiffy Pots and Pellets.



**EXPANDED CLAY is a** porous, lightweight, clay aggregate. It's durable and has exceptional capillary properties. Expanded clay is pH neutral. It's reusable and lasts for years.

COCO PEAT is made from coconut husks. Raw coconuts are washed. heat-treated, screened, graded and processed. A single kilogram of coco peat will expand to 15 litres of moist coco peat.

PFRI ITF is a volcanic mineral, small black crystal-like when mined. It is heated to 1100°C, to form light, sterile, pH neutral white granules.





ROCKWOOL is internationally used in around 80% of commercial systems. Great for cloning and seed germination.



Coco-PERLITE MIX coco and perlite as above. mixed together provides an excellent grow medium for plants that don't like their roots to stay wet.

PUMICE is an ideal growing medium for plants. It adds additional air space, prevents matting, and helps to control moisture.

Also great for succulents. Assorted grades ava ilable in 25 litre bags: 1-2mm, 1-7mm, 4-20mm and 7-20mm.

OPEN: Monday-Friday 8.30am-5.30pm | Saturday 9am-5pm | Sunday & Public Holidays 10am-3pm





Ask at Bunnings Special Orders desk for more information on ordering

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### **FREECALL 1800 640 222**













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