



HYDROPONICS

Answers from the Professionals
Growing your own vegetables at home

BENEFITS OF GROWING IN HYDROPONICS...

- Fresh, chemical free, home grown veges all year round
- Fast turnaround!
- Disease free root system
- Maximise yield in the smallest space
- Recycle your water and growing media
- Ideal for poor growing areas
- Ideal for balconies and small gardens
- Simple to set up and maintain
- Ideal hobby for children
- Perfect for elderly and disabled



DELUXE FOUR POT VEGETABLE GROWING KIT

\$220

Hydroponic Xpress best seller! 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, 8 pots, 4 colanders, submersible pump, expanded clay, feed/drain lines and nutrient.** Also available: Two pot kit \$124 and upgrade for under \$60. Four pot kit just \$160 or upgrade for \$60. Eight pot kit standard only \$290.

 **hy•dro•pon•ics** [noun]

From the Greek words hydro (water) and ponos (labour) is a method of growing plants using soluble nutrient solutions. Plants may be grown with their roots in the mineral nutrient solution only or in an inert medium, such as perlite, perlite/vermiculite, expanded clay or rock-wool, instead of soil. A variety of techniques exist. Soil-less culture is a broader term than hydroponics; it only requires that no soils with clay or silt are used.



Answers from the Professionals

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

At Hydroponic Xpress we stock a large range of kits for any kind of garden you desire. From the smallest of spaces to large gardens, we can supply a kit complete to suit your needs.

Prices for complete kits start from as little as just \$124 for the beginner right up to our all in one and newest kit the Aqua-Bed, where you can grow your herbs and vegetables as well as harvest fish!

Visit us online at hydroponicxpress.com.au or come and see our massive display centre and warehouse where we stock the largest range of all your favourite brands.

When you come to Hydroponic Xpress you can be sure you'll always get "Answers From The Professionals".

TWO POT VEGETABLE GROWING KIT

This attractive compact two pot starter pack is designed with the first time hydroponic grower in mind. Attractively priced, this budget duo allows you the freedom to connect additional pots any time. Suitable for indoor and outdoor growing, this pack contains two grow pots, two colanders, reservoir tank, submersible pump, expanded clay, feed/drainage lines and 250ml nutrient. Upgrade your two pot kit for under \$60 (upgrade includes extra pots, fittings and 60L reservoir tank). Also available: Four pot kit standard just \$160 and upgrade for \$60 (upgrade includes extra pots, colanders, fittings and 60L reservoir tank). Eight pot kit standard only \$290.

\$124



PERFECT FOR BEGINNERS

FLOOD AND DRAIN SYSTEM

Flood and drain systems are a big hit with an increasing number of indoor growers. It allows the flexibility and mobility of having individual pots. The table works by flooding standard nursery pots growing in expanded clay with nutrient solution, then draining off all excess and repeating hourly during light hours. Simple, easy to use and construct, this durable system cannot be overlooked. Contains 1.16x1.16m flood and drain table, aluminium stand, Hydroton expanded clay, feed/drainage lines, submersible pump, reservoir and nutrient. Tray sizes also available in 1.1x0.6m, 2x1m and 0.9x0.9m. Timer optional extra.

\$399



\$299



ROCKWOOL SYSTEM

Made from spun basalt, the rockwool system offers the advanced grower a uniquely scientific approach to hydroponic plant control. Ideally suited, this run to waste method offers a 100% pure nutrient and pH balanced growing technique. Using capillary spikes, nutrients are injected in controlled doses for maximum yield. Widely used for commercial fruit and vegetable production. Contains aluminium stand, rockwool slabs with plastic troughs, wrapped cubes, submersible pump, reservoir tank, capillary spikes, feed/drainage lines, nutrient. Timer optional extra.

THE EZI GARDEN

The name says it all, no weeding, no bending and no 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. Imagine growing tomatoes, cucumbers, lettuce, capsicums, herbs and more, at the same time in this creative system. Contains aluminium stand, 2x1.8mx0.2mx0.1m pandaflute troughs/weld mesh, 19mm tub outlet and screen, Hydroton expanded clay, reservoir tank, submersible pump, feed/drainage lines and nutrient.

\$249

N.F.T. KIT (NUTRIENT FILM TECHNIQUE)

Highly suited for the dedicated grower, N.F.T. is the cutting edge of hydroponics! Make the investment, sow the seeds, then harvest the rewards. As far as systems are concerned, it doesn't get any sharper than N.F.T. Grow lettuce, strawberries, tomatoes, herbs and many more. Big with commercial growers. Contains aluminium stand, hydro channels (155x70mm), grow cups, reservoir tank, submersible pump, feed/drainage lines and nutrient. Hydro channel also available in 100x50mm and 225x80mm profiles.

\$399



D.F.T. BATO KIT (DEEP FLOW TECHNIQUE)

The D.F.T. system is based on the exclusively designed Dutch BATO pot. The design allows each pot to hold 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, cucumber, capsicum etc. Contains 4 Dutch BATO pots, submersible pump, Cultilene Rockwool cubes, Hydroton expanded clay, reservoir tank, feed/drainage lines and nutrient. This system can be expanded to commercial size.

\$189



GROW VEGES GROW FISH!

FROM \$850



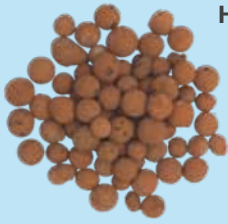
AQUA-BED

This compact unit is ideal for both hydroponic gardening and aquaponics. The base of the unit stores 350 litres of water. Simply add your nutrient or fish and grow fresh herbs and vegetables all year round. At 1.2x0.6x1.1m this sturdy unit is the ideal height, no back breaking gardening required. And the best part of the Aqua-Bed is it's compact size to suit the smallest garden or balcony. Kit contains Aqua-Bed, Hydroton expanded clay, pump and feed-drainage lines. Recommended accessories include; water heater, air pump/stones.

CHOICE OF COLOURS

Colours may vary slight due to printing process. Photograph for illustration purposes only

GROWING MEDIA



HYDROTON EXPANDED CLAY is a porous, lightweight, earthy clay aggregate. It's durable and has exceptional capillary properties. The internal structure absorbs nutrient solution, releasing it to the plant on demand. It holds the plant in place but is light enough to allow air penetration to the roots, which prevents excessive acidity and rotting.

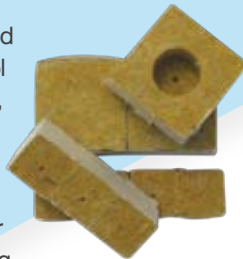
Expanded clay is pH neutral. Best used in recycling systems as it's reusable and lasts for years.

PERLITE is a volcanic mineral, small black crystal-like when mined. It is heated to 1100°C, then explodes like popcorn to form white granules similar to rice bubbles in look. Very light, sterile and pH neutral. Best for recycling and non-recycling systems.



VERMICULITE is a flaky material, when heated exfoliates, splitting the layers apart and giving light, spongy, golden granules. It can hold 67% by volume of water. Very light, sterile and pH neutral. Best used as 2 parts perlite to 1 part vermiculite to give optimal water/air ratio. Will break down over time. Best for non-recycling systems.

ROCKWOOL is internationally used in around 80% of commercial systems. Cultilene rockwool is a fibrous material formed from volcanic rock, limestone and coke melted at 1500°C. The molten substance is spun, pressed and cooled into cubes and slabs. Excellent water/air ratio. It is pH alkaline to begin, soak in nutrient solution for 24-48 hour then run at 5.2-6.2 pH. Best in recycling and non-recycling systems.



COCO PEAT is made from coconut husks. Raw coconuts are washed, heat-treated, screened and graded before being processed into coco peat products of various granularity and denseness. A single kilogram of coco peat will expand to 15 litres of moist coco peat. Hydroponic Xpress recommend RHP branded products for superior refinement and enhancement.



PERTH'S MOST EXTENSIVE CHOICE OF BRANDS:

Ag-grow, Aquapro, Bato, Bluelab, CanFan, CanFilter, Canadian Xpress, Canna, Cultilene, Cyco, Dutch Fest, Dutch Master, Eutech, ESU, Flairform, General Hydroponics, Growth Technology, Heavy Weight, House and Garden, Hydroton, Hy-Gen, JB, Kitab, Kroplite, Lucagro, Lumatek, Monstabud, Nulife, Nutrifield, Odorsok, Ozitonic, Philips, PowerGro, Spectrum, Sunmaster, Superthrive, Sylvania, Turbo Tank, Ultra Klean, Yates plus more...

PERTH'S LARGEST RANGE:

Pots, channels, fans, carbon filters, silencers, grow rooms, tents, astro houses, digital & mechanical timers, shades, reflectors, ballasts (control boxes), lights (HPS high pressure sodium, MH metal halide, fluorescent), nutrients, additives, pH & nutrient meters, rockwool, expanded clay, perlite, vermiculite and coco peat, just to name a few...



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