



STOCKER HORTICULTURAL & HYDROPONIC SUPPLIES (2004) LTD

PO Box 32, Tirau, State Highway 27, Matamata Road, Tirau, New Zealand.

Phone: 07-883-1051 Fax: 07-883-1052

Email: stocker@xtra.co.nz

Website: www.hydroponics.co.nz

Flood and Drain Systems

The early stage of a plants life is the most important. If seeds are raised in a healthy environment the plant will grow on to maturity with less problems than seeds grown in undesirable situations. A flood and Drain system will give the crop the start they need to grow into healthy, well balanced plants.

You will have total control over the germination and seedlings, from the nutrient they receive up to



the amount of watering they get per day. Sub-irrigation of your plants produces uniform growth and less stress by uniform watering (and less stress for the grower when you forget to water the seedlings), also less fungal problems due to not wetting foliage. Flood and Drain systems can also be irrigated in the heat of the day to cool without associated problems of overhead watering in the sun. These units are ideal for propagation from either seed or cuttings.

The watering is controlled by a timer that will

turn the pump on and off at desired intervals. The pump feeds up through an inlet to flood the table and then it drains out through another pipe, which is set higher than the inlet to allow the table to flood completely. You can have multiple tables all running off one tank and pump. The nutrient temperature is controlled by a submersible heater or heat pump on larger systems and oxygenated with an air pump.

The CF, pH and temperature control can either be automated or hand dosed. We have suitable horticultural lighting to suit all table sizes.



Pricing

We have Flood and Drain bench tops, complete with flood and drain valves. Current stock includes units in sizes up to 2040mm x 1000mm. Units are available either as a complete unit with tank, pump, feed pipe, aluminium stand and timer. Or can be purchased as parts only.

EXAMPLE;

Ebb/flow top 2040mm x 1000mm with flood/drain fittings	\$219.00
Unit complete with pump, timer and feed pipes	\$382.00
Unit as above with aluminium frame/legs etc	\$598.00

13mm flood, 19mm drain fittings set	\$24.50
19mm flood, 25mm drain fittings set	\$25.00
Ebb/flow filter	\$1.50

Other sizes	Top only	Top & fittings	Complete Holds: Tray	Vacroc sheets or Flight
1000mm x 1100mm	\$126.50	\$152.50	\$527.00	16 6
800mm x 2040mm	\$176.00	\$202.50	\$571.50	24
1000mm x 2040mm	\$192.50	\$219.00	\$598.00	28 12
1200mm x 2040mm	\$203.50	\$230.00	\$609.00	

Complete units include: tank, pump, timer, plumbing and an aluminium framed stand of suitable size.

We offer a free design and costing service with ongoing advice and materials at very competitive prices.

If you have any queries or think you would like to try Hydroponics, please contact us one of the following ways:

Phone **07 883 1051**
 E-mail – **stocker@xtra.co.nz**
 Website – **www.hydroponics.co.nz**

