



The 'Hydro to Go' Kit

Experimental Design / Working Scientifically With Plants

Our kit 'Hydro to Go' has been developed by the Australian Centre for Plant Functional Genomics (ACPFPG) and the Molecular Plant Breeding Cooperative Research Centre (MPBCRC). It has been designed to support both the teaching of experimental design (for senior high school students) and working scientifically (for lower year levels).

The 'Experimental Design / Working Scientifically with Plants' education kit includes:

- » A Power Point presentation on experimental design / working scientifically
- » A hydroponics kit that can be used to examine the response of two varieties of barley (Clipper and Sahara) to high levels of boron
- » Suggested experimental protocol for the hydroponics experiment
- » A Power Point Presentation on boron's effect on plants, current research, and the use of hydroponics in research
- » Teaching notes / background reading and worksheets for students

The kit will retail for \$110.00 (including GST) plus postage and handling. This is the cost price for all of the equipment and resources provided. Note: The kit includes separate material (notes, worksheets, presentations etc) for Yr 12 and lower years.

If you have any further questions, please contact either of us on the details provided. Alternatively, you can place your order using the attached form.

With kind regards

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(08) 303 7414

An initiative of ACPFG and MPBCRC





Working Scientifically With Plants / Experimental Design Order Form

To order your **'Hydro to Go' Experimental Design / Working Scientifically with Plants** /education kit please complete the following order form **and a purchase order** and forward to:

Monica Ogierman
 Australian Centre for Plant Functional Genomics Pty Ltd (ABN: 98 102 769 808)
 Email: monica.ogierman@acpfg.com.au
 Fax: (08) 8303 7102
 Post: PMB1 Glen Osmond, South Australia, 5064

Once the order has been placed, you will be sent the kit together with an invoice. This will require payment within 30 days.

Cost: \$110.00 (including GST) PLUS postage and handling, unless agreed otherwise.

What the kit includes:

- » A Power Point presentation on experimental design / working scientifically
- » A hydroponics kit (containing two hydroponics tubs with ten seedling tubes in each, commercial growth solution, boric acid, Clipper and Sahara barley seeds, petri dishes, filter paper, aquarium pump, tubing, grow wool).
- » Suggested experimental protocol for the Hydroponics experiment
- » A Power Point Presentation on boron effect on agriculture, current research, and the use of the hydroponics in research
- » Teaching notes/background reading and worksheets for students
- » Note: The kit includes separate material (notes, worksheets, presentations etc) for Yr 12 and lower years.

Order Details:

Name: Date:.....

School:

Address (for kit to be delivered to)

..... State Postcode

Phone (Office): Mobile:.....

Email

School purchase order number:

Number of kits: TOTAL COST (including GST)

Signed: Date:

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