

**INTERNATIONAL COMMITTEE FOR CONTROLLED ENVIRONMENT  
GUIDELINES: COMMITTEE MEETING  
Brisbane, Australia  
March 15, 2004**

**Attendees:** T. Agostino, L. Albright, P. Austin, A.J. Both, L. Incoll, D. Greer, R. Kanwar, I. Pearman, M. Romer, J. Sager, G. Taylor, T. Tibbitts (in chair)

**1. New Minimum Guidelines:**

**a. Distribution, publicity and copyright**

Distribution of the present guidelines was discussed. AJ Both and M. Romer indicated that they would assume responsibility for distribution in Canada and US. European distribution will be directed by L. Incoll and J. Franklin. P. Austin and D. Greer will coordinate distribution in Australasia. It is expected that growth chamber companies will distribute at meeting booths and to customers. G. Taylor of Sanyo Gallenkamp indicated they would distribute with chamber quotations.

Inclusion of the guidelines on a web page was encouraged. It was recommended that they be placed on the NCR-101 web site and other CE web pages e.g. UK CEUG would reference to the NCR-101 web site URL rather than include the full document on their web sites. Publication on the NCR-101 web site would wait on the completion of distribution of printed copies to members.

The committee encouraged publication of the revised guidelines in plant science journals and citation in publication guidelines to authors. Members should make certain that publication in a particular journal will not be copyrighted in a way that would limit publication in other journals or on the website. L. Incoll suggested that we encourage publication in journals such as Plant Physiology that have wide circulation. The following individuals agreed to make contact with the listed groups to encourage publication of the guidelines.

L. Incoll- Education subcommittee of the Society for Experimental Biology (SEB) and the Journal of Experimental Botany. Federation of European Societies of Plant Physiology (FESPP).

D. Greer- Australian Society of Plant Science Bulletin (Phytogen)

Don Krizek- Publication manual of Amer. Soc. Hort. Sci. and Council of Biological Editors

T. Tibbitts- Agronomy Journal and Biotronics

Y. Kitaya –Journ. Jap Soc Environ. Control Biol.

(At the NCR-101 meeting in the evening, the following individuals agreed to contact the indicated societies or journals)

Gary Stutte- Plant Growth Society

Lou Albright- Amer Soc Agr. Engr.

Mark Romer- Canadian Journal of Botany and Canadian Journal of Plant Science

Cary Mitchell- Habitation

Individuals are asked to refrain from contacting their listed societies until additional information is provided and copyright considerations are thought through by the guidelines committee.

### **b. Additional print runs**

Additional printings of these guidelines will be possible, for Paul Austin will make certain that the offset plates are retained.

### **c. Other versions of the minimum guidelines**

It was proposed that a laminated version of the guidelines should be developed for posting in growth facilities or other locations to encourage researchers to use the guidelines. This would be a single sheet in an A3 size (twice present size) and abbreviated to attract attention. On one edge would be a location for a packet to contain copies of the guidelines. P. Austin presented a draft version of such a poster. There was some discussion of what should be in the text section of the poster e.g. the 'example of a report for publication' was not present and some considered this part to be of great value in convincing CE users to report conditions better - it gave one reason for their adoption. P. Austin and T. Tibbitts will work at developing this poster. P. Austin indicated it should be possible to have these printed at Palmerston North.

It was also proposed to develop a full sized poster of the guidelines that could be put up at scientific meetings to promote the use of the guidelines. T. Tibbitts agreed to develop the first draft of this for distribution to committee members for corrections and additions.

### **d. Future revisions of the new minimum guidelines**

There was discussion of the need for future revisions of the present guidelines. L. Incoll suggested that they might even need to have a simpler format. D. Greer proposed that this may be the tissue culture guidelines. There was general agreement that there should be no directed effort toward a revision of the guidelines until the next international meeting when we would be better able to judge the success of the new guidelines in practice and to solicit feedback from users..

## **2. Guidelines for tissue culture CE users**

Discussion was held on the development of tissue culture guidelines because of the very different requirements for this type of plant growing and because of the widespread use of tissue culture in biogenetics. L. Incoll reported that Geoffrey Holroyd at Lancaster was interested in developing these guidelines and suggested asking him to head up a new sub-committee to prepare these. Other committee members were proposed including Phil Larkin of CSIRO Plant Industry, Chieri Kubota of Arizona State University, and someone from Syngenta (suggested by Garry Taylor). L. Incoll agreed to contact Geoff Holroyd and ask him to take the responsibility for developing tissue culture guidelines.

## **3. Future of the committee**

It was agreed that the committee should be continued. T. Tibbitts asked to be relieved of responsibility of chairing the committee. A. J. Both was encouraged to assume the chairmanship of the committee and he agreed to do so.

Minutes prepared by Paul Austin and Ted Tibbitts