

Vorst, J.J.: **Experiments in Crop Science.** - Crop Science Society of America, Madison, 1990.
62 pp.

A series of eight experiments is intended for junior high school biology or science classes. Individual experiments concern plant tissue culture and cell culture, plant genetics, germination and seedling growth under water stress, nutrient deficiency in plants, nitrogen fixation and legume inoculation, germination and vigour of seeds, seed viability and plant growth regulation.

In the "students guide" the main objective of the experiment and the procedure are shortly described and questions stimulating a better understanding of the problem are asked. In the "teachers guide" experiments are presented in more detail including necessary material and equipment, procedure, evaluation and discussion. In some cases important references are added.

It seems to me that the main purpose of the publication, *i.e.* "to help teachers relate basic plant biology to the world outside the classroom via demonstrations and laboratory experiments" is fulfilled very well on a cheap and sophisticated way, using well known and easily obtainable plants. May be that not in all countries are available *e.g.* hormone kits - therefore it is necessary to give their composition.

Nevertheless, the booklet is a good way how to get acquainted with basic biological experimentation.

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