

Kjellsson, G., Simonsen, V.: **Methods for Risks Assessment of Transgenic Plants. I. Competition, Establishment and Ecosystem Effects.** - Birkhäuser Verlag, Basel - Boston - Berlin 1994. 214 pp.

The basis for the present work is provided by the EC (EU) directives of 23 April 1990 on the deliberate release into the environment of genetically modified organisms. This directive lays down the basic terms for risk assessment of genetically modified plants (GMPs) in the EU. The main purpose of the book are according to the authors to 1) compile a catalogue of methods which may be used in ecological risk assessment of GMPs, 2) give a review of useful methods for studying competition and establishment of GMPs, and 3) indicate where new test procedures need to be developed for risk assessment of GMPs. The nine chapters focus only on aspects of dispersal and establishment of the modified plant into nature and the competitive interaction with the local flora. Aspects concerning genetic transmission by pollination or hybridization are not included. The catalogue is based on a literature search in the library database BIOSYS and CAB, and supplemented with references known by the authors. Readers will find very useful a Glossary of terms and a References with 657 items. The main user group of this publication are scientists working in plant ecology and risk assessment and administrators with responsibility for the legislation of transgenic plants.

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