

17. Evaluation of the efficacy of pesticides

17.1 Formulations submitted for registration

According to the Danish Act on Chemical Substances and Products (No. 21 of 16 January 1996), the registration of a new pesticide formulation requires documentation of the efficacy of the formulation used according to the directions on the label and under Danish conditions. The National Agency of Environmental Protection makes decisions on registration concerned with the control of the pest in question, but the Agency sends the applications to a hearing at the national laboratories, e.g. the DPIL or the Plant Protection Centre. These institutes evaluate the efficacy and possible risks and drawbacks of using the formulation, including the potential for developing resistance and cross-resistance (see Annual Report 1982, p.102).

In 1997, pesticides submitted for evaluation and registration included formulations for control of rodents and various insects, such as houseflies and flies on cattle, fleas, ectoparasites on livestock, ants, cockroaches, storage pests, and household insects generally, as well as insects attacking wood or textiles. Several formulations were recommended for approval, but in some cases it was concluded that more documentation was needed, supplementary tests should be carried out, or it was recommended that, for certain reasons, the formulation should not be permitted for the use requested. The registration authorities generally followed our recommendations.

In 1997, the DPIL received, as usual, a steady stream of drafts of new pesticide labels submitted to the National Agency of Environmental Protection for approval. In many cases changes were suggested or required in the directions for use.

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