

The Petition for Canadian Registration

When the petition is submitted, it represents an extensive assembly of information pertinent to the pesticide for which registration is sought. As we have set out in detail in the previous pages, the petition contains everything that Cyanamid knows about the product that is relevant to the efficacy claims for which registration is sought plus all the data, based on U.S. and Canadian experience, on the toxicity of the product.

This basic petition or first presentation of studies on the efficacy and toxicity of a new pesticide is presented in the fullest possible detail with all supporting references and frequently with extensive relevant appendices. This basic petition is intended to be used, following registration of the candidate pesticide, as a reference file whose information and results will be referred to in subsequent petitions for registration of the pesticide for additional uses. Registration for additional uses is sought when the pesticide proves itself to be efficacious in further applications than those set out in the basic petition. These subsequent applications are supported with data on toxicity pertinent to the further claims that are made for the pesticide.

Following submission of the petition, meetings are held with Federal Government officials, to review and examine in detail the contents of data on efficacy and toxicity. These meetings are carried on in an atmosphere of frankness, based on mutual confidence which leads to a conclusion arrived at with full understanding of all data contained in the petition.

Continuing Studies of a Pesticide After Registration

Every pesticide marketed by Cyanamid of Canada is constantly surveyed in its performance and use for new information relevant to the toxicity of the product. All data gathered as a result of these studies is quickly reported to the Federal authorities and widely distributed by Cyanamid of Canada. Periodic bulletins and, frequently, booklets, which contain the latest information on a pesticide's toxicity are distributed to doctors, hospitals, public health departments at all levels, poison control centres, and to all other points where responsible judgment dictates that they should be made available.

As part of the continuing program of studies in toxicity, Cyanamid carries on a program of exploratory and control research on all its pesticide products. A most important activity in this field is the investigation of all reported cases of misuse of the product and of accidents involving misuse. These incidents are examined closely and reports issued, based on thorough studies.

These continuing studies yield a flow of information which generally enables Cyanamid of Canada to alter or restate its list of precautions governing the use of an individual pesticide. In all cases the first precautions set out in the basic petition are extreme in their emphasis of safety factors.

Throughout the distribution channels—to formulators, dealers, applicators and to the farmer whose fields, crops or animals are treated with a Cyanamid pesticide—Cyanamid of Canada maintains a flow of the latest information governing the safe use of its pesticides.

Although a pesticide may perform satisfactorily in one or several formulations, new types of formulations are constantly explored by Cyanamid with the object of discovering new compounds which favourably affect the toxicity of the product in use: make it safer for the consumer to handle and apply.

the object of discovering new compounds which favorably affect the toxicity in a particular pesticide include the effects of potentiation in livestock which may be treated by one pesticide while incidentally exposed to the residue of another. Reports in this area are also released to whatever outlets there are for this kind of information.

Livestock studies in Canada are maintained by Cyanamid of Canada and comprise a program whereby a particular pesticide is tested even in large