

Application summary

Application number:	ERMA200090, Canyon
Application type:	Notified, Importation or manufacture for release, Category A
Applicant contact:	Mark Freeman
Applicant:	New Zealand Crop Care Limited P O Box 195 Pukekohe New Zealand
Purpose:	To import or manufacture Canyon to use for the control of nematodes in Carrots, Kiwifruit, Kumara, Lucerne and Potatoes.
Date formally received:	28 September 2009

Application summary prepared by New Zealand Crop Care Limited

This is an application to import from overseas and re-pack in New Zealand, Canyon to use for the control of nematodes in Carrots, Kiwifruit, Kumara, Lucerne and Potatoes.

The product contains fenamiphos – a substance already approved in an number of formulations. Other components in the formulation are also present in approved products. Therefore, the use of Canyon will not introduce any new substances/components to the New Zealand environment.

The proposed hazard properties of Canyon are: 3.1C (Flammable), 6.1B (Acute toxicity), 6.3B (Skin irritant), 6.9A (Target organ toxicity), 8.3A (Corrosive), 9.1A (Aquatic toxicity), 9.2B (Soil toxicity), 9.3A (Terrestrial vertebrate toxicity) and 9.4A (Terrestrial invertebrate toxicity).

Canyon triggers various hazard categories but the use of the Label, Safety Data Sheets and Emergency Procedure Guides should minimise the risk of adverse events from spillage and mitigate damage to human health and the environment if a spillage occurs during transport, re-packing, storage and use.

Canyon is a nematicide and is likely to be applied by suitably qualified and trained applicators. This will minimise the risk of incorrect application leading to spray drift.

Canyon may be applied by ground equipment once per crop cycle to Carrots, Kumara and Potatoes. Ground application (spot treatment of affected areas) may be made to existing Lucerne stands once per year. Kiwifruit roots may be dipped in a solution of Canyon prior to planting. The rate of use is between 8.0 – 10.0 kg a.i. /ha/year for application by ground equipment, equivalent to 20.0 – 25.0 L/ha Canyon per year.

Canyon should be disposed of according to label directions. If disposal of unused product is required, then product can be sent to the council collection point for incineration at Trans Pacific.

Containers should be triple rinsed (with the rinsate added to the spray tank) and label directions followed regarding container disposal either by burning if circumstances, especially

wind direction, are suitable, burying in a suitable landfill or use of Agrecovery sites. The use of similar products since 1979 can be taken as confirmation that Canyon poses very little risk to humans and the environment if used and handled according to label instructions.