

Environmental Information Sheet

RANMAN[®] TWINPACK MAPP 11851



**A 400 g/litre SC formulation containing cyazofamid with an organosilicone adjuvant.
A protectant fungicide for the control of potato late blight.
Maximum application rate 0.2 litres SC/hectare (80g a.s/ha) + 0.15 litres adjuvant/ha.
Maximum number of applications 2x3/crop.**

Section	Profile
1. WILDLIFE Mammals and Birds	<p>Ranman[®] TwinPack is not classified as 'harmful to game and wildlife'.</p> <p>No risk management is necessary to protect mammals and birds. Ranman TwinPack is of low toxicity to mammals and birds, hence the risk to wildlife is low when used as recommended.</p>
2. BEES	<p>No risk management necessary. Ranman[®] TwinPack may be used in potatoes when flowering and when bees are foraging.</p>
3. NON TARGET INSECTS AND OTHER ARTHROPODS	<p>No risk management necessary. Ranman[®] TwinPack poses a low risk to a range of arthropod species commonly found in and around treated fields including aphid parasitoids, ground beetles and lacewings.</p>
4. AQUATIC LIFE	<p>Ranman[®] TwinPack is classified as '<i>Dangerous to fish or other aquatic life</i>'.</p> <p>Ranman[®] TwinPack is highly toxic to aquatic invertebrates and algae, and moderately toxic to fish. '<i>Do not contaminate surface waters or ditches with chemical or used container</i>'.</p> <p>No risk management necessary. When Ranman[®] TwinPack is used according to the label instructions there will not be sufficient contamination of water to present a risk to aquatic life.</p> <p>Ranman[®] TwinPack is not categorised under the LERAP scheme.</p>

Environmental Information Sheet

RANMAN[®] TWINPACK MAPP 11851



5. SOIL and GROUNDWATER	<p>Cyazofamid has low persistence in soil and is of low to moderate mobility.</p> <p>No risk management is necessary. Use of Ranman[®] TwinPack according to the label presents a low risk to groundwater.</p>
Earthworms	<p>Ranman[®] TwinPack is of low toxicity to earthworms. No risk management necessary.</p>
Soil micro-organisms	<p>No effects found on the processes of soil respiration and nitrogen turnover. No risk management necessary.</p>
6. NON-TARGET PLANTS	<p>Cyazofamid has negligible activity on plants and consequently Ranman[®] TwinPack should have no adverse effects on field margin plants. However, care must be taken to '<i>Avoid spray drift onto neighbouring crops</i>'.</p>

ALWAYS READ THE LABEL: USE PESTICIDES SAFELY

Care must be taken to minimise the risk of surface water contamination from farmyard and field sources.

For further information about the environmental profile of this product contact:-

Belchim Crop Protection
Suite 2, Unit 3
Phoenix Park
Eaton Socon
St Neots PE19 8EP
Tel: 01480 403333
Fax: 01480 403444

This Environmental Information Sheet was prepared in accordance with CPA Guidance Notes Version 3 dated October 2002.

[®] Registered trademark of Ishihara Sangyo Kaisha Ltd, Japan