

Environmental Information Sheet

TRACER MAPP Number 12438



A 480g/litre suspension concentrate formulation containing spinosad, a spinosyn insecticide, for use in top fruit, field brassicas and allium crops

Maximum application rate: 250ml TRACER/ha (120g spinosad/ha) up to 4 times/crop

Section	Profile
<p>1. WILDLIFE</p> <p>Mammals and Birds</p>	<p>TRACER is not classified as '<i>harmful to game, wild birds and animals</i>'.</p> <p>No risk management is necessary to protect mammals and birds. TRACER has a low toxicity to wild mammals and birds. The risk to wild mammals and birds grazing on treated areas is low, as is the risk due to exposure from other routes, e. g. consumption of earthworms or other invertebrates such as insects.</p>
<p>2. BEES</p>	<p>TRACER has a low risk to honeybees when used as recommended.</p> <p><i>Do not apply in the heat of the day when bees may be foraging as contact with direct spray may be harmful.</i></p>
<p>3. NON TARGET INSECTS AND OTHER ARTHROPODS</p>	<p><i>TRACER can be used in an integrated pest management strategy in top fruit as it has been found to have no long term adverse effects on predatory bugs <i>Anthocoris spp</i> or the predatory mite <i>T. pyri</i>.</i></p> <p><i>Overall applications of TRACER to control pests in brassicas, leeks and onions are of low risk to predatory insects and mites both in the plant canopy and on the soil below. There is risk to parasitic hymenoptera but these effects are of short duration (two weeks) as the persistence of TRACER is low and recovery of these highly mobile species would be rapid.</i></p>
<p>4. AQUATIC LIFE</p>	<p>TRACER is classified "VERY TOXIC TO AQUATIC ORGANISMS. May cause long-term adverse effects in the aquatic environment DO NOT CONTAMINATE WATER with the product or its used container".</p> <p>The following risk management practices must be carried out to ensure that there is adequate protection for aquatic species. "DO NOT ALLOW DIRECT SPRAY from broadcast air-assisted sprayers to fall within 40m of the top of the bank of a static or flowing water body, or within 5 metres of the top of a ditch which is dry at the time of application. DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 metres of the top of the bank of a static or flowing water body, or within 1m of the top of a ditch which is dry at the time of application. Aim spray away from water</p> <p>LERAP Category B. Buffer zone zones may be reduced (See LERAP Guidelines).</p>

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<p>5. SOIL and GROUNDWATER</p> <p>Earthworms</p> <p>Soil Micro-organisms</p>	<p>Spinosad has a low persistence in soil. It is strongly adsorbed by soil and has a low mobility. Therefore the risk of groundwater contamination is low.</p> <p>TRACER has a low toxicity and low risk to earthworms. No risk management is necessary.</p> <p>TRACER has a low risk to soil micro-organisms and no risk management is necessary.</p>
<p>6. NON-TARGET PLANTS</p>	<p>TRACER has no effect on plants at recommended use rates. Therefore no effects on non-target plant species are expected when TRACER is used as recommended.</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:-

Company: Landseer Limited
 Address: Lodge Farm, Goat Hall Lane, Galleywood, Chelmsford, Essex. CM2 8PH
 Telephone: 01245 357109
 Fax: 01245 494165

24 Hour Emergency Telephone 44 (0) 1553 761 251

This Environmental Information Sheet was prepared in accordance with CPA Guidance Notes Version 4

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