

# Environmental Information Sheet

## MODDUS MAPP 15151



A 250 g/l EC formulation containing trinexapac-ethyl, a growth regulator for crop height reduction, in winter and spring wheat, winter and spring barley, winter and spring oats, rye, triticale, durum wheat and ryegrass seed crops  
 Maximum application rate: 0.4 - 0.8 litres a.s/ha dependent on crop.  
 Maximum no. of applications: one

Section	Profile
<b>1. WILDLIFE</b>  <b>Mammals and Birds</b>	<p>MODDUS 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. MODDUS is of low toxicity to mammals and birds. It will therefore pose a low risk to grazing mammals e.g. rabbits, hares and deer that may consume recently treated crops, or other mammals living in and around treated fields. The risk to mammals such as shrews consuming earthworms in fields treated with MODDUS will also be low.</p> <p>There will be no risk of adverse effects on birds nesting in or around treated fields or feeding on earthworms or insects in treated areas.</p>
<b>2. BEES</b>	<p>No risk management necessary and there is no requirement to avoid application of the product when bees may be foraging on flowering weeds.</p>
<b>3. NON TARGET INSECTS AND OTHER ARTHROPODS</b>	<p>No risk management necessary. MODDUS poses a low risk to a range of arthropod species commonly found in and around treated fields including foliage dwelling predators, ground dwelling predators and parasitoids.</p>
<b>4. AQUATIC LIFE</b>	<p>MODDUS is classified as '<i>Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment</i>'</p> <p>MODDUS is harmful to aquatic invertebrates, fish and also to certain aquatic plants such as duckweed and algae. Care should be taken to minimise drift when applying MODDUS next to ponds, ditches or streams. Care should also be taken to ensure that surface waters or ditches are not contaminated with the product or the used container.</p> <p>No risk management is necessary. When used in accordance with the label instructions there will not be sufficient contamination of water to present a risk to aquatic life.</p> <p>MODDUS is not classified under the LERAP system.</p>

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<b>5. SOIL and GROUNDWATER</b>  <b>Earthworms</b>  <b>Soil Micro-organisms</b>	<p>MODDUS is of low persistence in soil. There are no soil type restrictions and no risk management is necessary. Trinexapac-ethyl is moderately mobile in soil. Use of MODDUS according to the label presents a low risk to groundwater.</p> <p>MODDUS is of low toxicity to earthworms. No risk management is necessary in order to prevent risks to earthworms.</p> <p>MODDUS is of low risk to soil micro-organisms. No risk management is necessary in order to prevent risks to the processes of soil respiration and nitrogen turnover.</p>
<b>6. NON-TARGET PLANTS</b>	<p>Trinexapac-ethyl is a plant growth regulator affecting cereals and grass species. Avoid spray drift onto neighbouring crops. Care should be taken to minimise the drift of MODDUS into conservation headlands, hedgerows and grass verges.</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:-

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