Environmental Information Sheet
PICONA MAFF/MAPP 13428

A suspension concentrate formulation containing 16 g/litre picolinafen (pyridinecarboxamide herbicide) and 320 g/litre pendimethalin (dinitroaniline herbicide) for use in winter wheat and winter barley.

Maximum application rate: 3 litres/hectare (48g + 960 g a.s./ha)
Maximum number of treatments: One per crop

Section	Profile
1. WILDLIFE	Picona is not classified as '*Harmful to game, wild birds and animals"*.
Mammals and Birds	No risk management is necessary to protect wild mammals and birds. Picolinafen is of low toxicity to birds and mammals. Pendimethalin is of low toxicity to mammals and moderate toxicity to 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 invertebrates such as insects.
2. BEES	No risk management necessary. Picona is of low risk to bees.
3. NON TARGET INSECTS AND OTHER ARTHROPODS	No risk management necessary. Picona poses a low risk to a range of arthropod species commonly found in and around treated fields, including ground beetles and spiders.
4. AQUATIC LIFE	Picona is ''*VERY TOXIC TO AQUATIC ORGANISMS, may cause long term adverse effects in the aquatic environment***'**. Picona is of high toxicity to aquatic invertebrates e.g. water flea and fish and of extreme toxicity to green algae. *'Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads'.* Risk management is essential. Picona can be used safely providing care is taken to prevent spray drift reaching surface waters. The following risk management practices must be carried out in order to ensure that there is adequate protection for aquatic species: '*DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 m 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*'. LERAP Category B. Buffer zones may be reduced (see LERAP Guidelines).

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5. SOIL and GROUNDWATER	Picolinafen is moderately persistent and pendimethalin is very persistent in soil. Both picolinafen and pendimethalin are strongly bound to soil and can be considered not mobile. Use of Picona according to the label presents a low risk to groundwater. No risk management necessary.
Earthworms	Picolinafen and pendimethalin are of low toxicity to earthworms. No risk management necessary.
Soil Micro-organisms	No effects on soil microbial processes were found so the risk to soil micro-organisms is considered low. No risk management is necessary.
6. NON-TARGET PLANTS	Picona is a herbicide for control of meadow grasses and broad-leaved weeds. '*Extreme care should be taken to avoid damage by drift on to plants outside the target area'*. Care should be taken to minimise drift of Picona onto conservation headlands, beetle banks and field boundaries such as hedgerows, which may provide an important habitat for wild flowers.

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

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