An EC formulation containing 187.5 g/litre cyprodinil and 62.5 g/litre isopyrazam, a foliar fungicide for use on winter and spring barley.

Maximum application rate: 2.0 litres/product/ha
Maximum no. of applications: 2 per crop

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| **1. WILDLIFE** | Bontima is not classified as “Harmful to game, wild birds and animals”.

Mammals and Birds

No risk management is necessary to protect mammals and birds. Bontima is of low toxicity to mammals and birds. The risk to wild mammals and birds feeding on treated areas is low due to the limited amount of residues likely to be consumed. |
| **2. BEES** | No risk management is necessary. Bontima is of low risk to honey bees. |
| **3. NON-TARGET INSECTS AND OTHER ARTHROPODS** | No risk management is necessary. Bontima poses a low risk to a range of arthropod species commonly found in and around treated fields, including predatory beetles, predatory mites and parasitic wasps. |
| **4. AQUATIC LIFE** | Bontima is classified as ‘Very toxic to aquatic life with long lasting effects’. Bontima is extremely toxic to aquatic invertebrates and fish, it is also highly toxic to algae. Although cyprodinil partitions into the sediment of aquatic systems, where it is persistent, the toxicity to sediment dwelling organisms is low. Care must be taken to ensure that surface waters or ditches are not contaminated with the product or the used container.

Risk management is essential. Bontima 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 5m of the top of the bank of a static or flowing waterbody, unless a Local Environmental Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1m of the top of a ditch which is dry at the time of application. Aim spray away from water'.

Buffer zone may be reduced (see LERAP Guidelines).
5. **SOIL and GROUNDWATER**

- **Cyprodinil** is of moderate persistence in soil under field conditions. Isopyrazam is very persistent in soil under field conditions. Both cyprodinil and isopyrazam are absorbed to soil and therefore have low mobility in soil. Consequently there is a low risk of groundwater contamination.

- **Earthworms**
  - Bontima is of low to moderate toxicity to earthworms and the risk to earthworms is low, and so risk management is not necessary.

- **Soil micro-organisms**
  - No risk management necessary. No effect on soil microbial processes were found and so the risk is considered to be low.

6. **NON-TARGET PLANTS**

   When used as recommended, Bontima is not expected to have adverse effects on non-target plants.

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**USE PLANT PROTECTION PRODUCTS SAFELY. ALWAYS READ THE LABEL AND PRODUCT INFORMATION BEFORE USE. FOR FURTHER PRODUCT INFORMATION INCLUDING WARNING PHRASES AND SYMBOLS, REFER TO THE ADAMA AGRICULTURAL SOLUTIONS UK LTD WEBSITE (WWW.ADAMA.COM).**

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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