

Environmental Information Sheet

MESUROL™ MAPP 15311



Mesurool is a flowable concentrate for seed treatment containing 500g of methiocarb per litre for use on maize (grain maize, fodder maize and sweetcorn), to reduce the probability of feeding damage to sown maize by pheasants, pigeons and corvids (Rooks and Crows). The seed treatment also controls frit fly (*Oscinella frit*).

Maximum application rate: 125 ml of product [62.5 g a. i.] per seed unit (50000 seeds)

Other Specific Restrictions: A maximum drilling rate of 2.4 units (120,000 seeds/Ha) must be observed when using seed treated with MESUROL.

Maximum number of treatments: One per batch

Section	Profile
1. WILDLIFE Mammals and Birds	<p>Mesurool is classified as '<i>DANGEROUS TO GAME, WILD BIRDS AND ANIMALS</i>' and risk management is essential.</p> <p>Product is of high toxicity to mammals and birds if directly consumed. Bury or remove spillages of treated seed immediately to avoid consumption. Care must be taken to keep treated seed secure from people, domestic stock/pets and wildlife at all times during storage and use to avoid accidental consumption. Treated seed must not be used for food or feed. Direct drilling of seed considerably reduces the risk to birds but care must be taken to ensure that seed is not left on the surface. Visible seed should be buried or removed.</p>
2. BEES	No risk management necessary as risk of exposure to bees from seed treatment use is low.
3. NON TARGET INSECTS AND OTHER ARTHROPODS	No risk management necessary. Mesurool poses a low risk to the range of arthropod species commonly found in and around treated fields.
4. AQUATIC LIFE	<p>Mesurool is <i>Very toxic to aquatic life with long lasting effects</i>. DO NOT CONTAMINATE SURFACE WATERS OR DITCHES with chemical or used container."</p> <p>Methiocarb is extreme toxicity to fish and <i>Daphnia</i> and highly toxic to Algae. No risk management necessary. When Mesurool is used according to the label instructions there will not be sufficient contamination of water to present a risk to aquatic life.</p> <p>Mesurool is not categorised under the LERAP scheme.</p>

Environmental Information Sheet

MESUROL™ MAPP 15311



Section	Profile
5. SOIL and GROUNDWATER Earthworms Soil Micro-organisms	<p>No risk management necessary. METHIOCARB is of low persistence and mobility in soil. When using Mesurol as intended, no groundwater contamination is to be expected.</p> <p>Mesurol is of moderate toxicity to earthworms. At recommended application rates, however, the risk to earth worms is low. No risk management is necessary.</p> <p>Mesurol is of low risk to soil micro-organisms. No risk management necessary in order to prevent risks to the processes of soil respiration and nitrogen turnover.</p>
6. NON-TARGET PLANTS	Mesurol is applied as a seed treatment and so impact on field margins would be expected to be minimal.

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 www.cropscience.bayer.co.uk

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:

Bayer CropScience Limited
230 Cambridge Science Park
Milton Road
Cambridge
CB4 0WB

Bayer CropScience Assist Technical Help-Line: 0808 1969522

Mesurol™ is a trademark of Bayer

© Bayer CropScience Limited 2011