

Environmental Information Sheet

Sonido® MAPP 16368



A flowable concentrate formulation containing 400g of thiacloprid per litre as an insecticidal seed treatment for forage maize, grain maize and sweet corn to improve crop establishment to reduce damage to crop establishment caused by wireworm (*Agriotes* spp.) feeding.

Maximum individual dose: 125 ml of product [50 g a. i.) per seed unit (50000 seeds)

Maximum no. of applications: 1 per batch

Maximum drilling rate: 2.2 units (110,000 seeds) / ha.

Section	Profile
1. WILDLIFE Mammals and Birds	Seed treated with Sonido is not classified as <i>"Harmful to game and wildlife"</i> the active substance is of low or moderate toxicity to birds and small mammals. Risk management is advisable. Adequate seed drilling equipment shall be used to ensure a high degree of incorporation in soil, and minimisation of spillage. <i>"Treated seed should not be left on the soil surface. Bury or remove spillages. Treated seed must not be broadcast."</i> Following the recommended use of Sonido 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.
2. BEES	The active substance within Sonido is of low toxicity to bees. Sonido is used as seed treatments and no direct bee exposure is expected. No risk management is necessary provided adequate seed drilling equipment shall be used to ensure a high degree of incorporation in soil and minimisation of dust emission.
3. NON TARGET INSECTS AND OTHER ARTHROPODS	Risk management not required. The use of Sonido does not pose a risk to non-target arthropods e.g. ground beetles, lady birds and aphid parasitoids.
4. AQUATIC LIFE	Sonido is classified as "very toxic to aquatic life with long lasting effects".

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4. AQUATIC LIFE	Thiacloprid is very toxic to some sediment dwelling organisms and aquatic invertebrates and moderately toxic to fish and algae. However, no risk management is necessary. When used according to the label instructions there will not be sufficient contamination of water to present a risk to aquatic life. <i>“DO NOT CONTAMINATE SURFACE WATERS OR DITCHES with chemical or used container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads”.</i>
5. SOIL and GROUNDWATER Earthworms Soil Micro-organisms	Thiacloprid is of low persistence in soil and of low mobility. Sonido does not pose a risk to groundwater if used according to the label. No risk management necessary. When used according to the label, Sonido poses no unacceptable risk to earthworms. Sonido 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.
6. NON-TARGET PLANTS	No effects on non target plant species are expected when Sonido is used as recommended

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

For further information about the environmental profile of this product contact:

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