

# Environmental Information Sheet

## Luna Sensation® MAPP 15793



A 500 g/L suspension concentrate fungicide formulation, containing 250g/L fluopyram (SDH inhibitor) and 250 g/L trifloxystrobin (Qol cross resistance group). Luna sensation is authorised for the control of fungal diseases in protected strawberries. Maximum application rates 0.8L product/ha. Maximum number of application 2 per season.

Section	Profile
<b>1. WILDLIFE</b>  <b>Mammals and Birds</b>	<p>Luna Sensation is not classified as “<i>Harmful to game, wild birds and animals</i>”.</p> <p>No risk management is necessary to protect wild mammals and birds. Fluopyram and trifloxystrobin are of low acute toxicity to birds and mammals. Luna Sensation is authorised for use in protected situations, it has been assessed that there is an acceptable risk to birds and mammals feeding on treated plants, insects and fruit in protected situations.</p>
<b>2. BEES</b>	<p>No risk managing is necessary and there is no requirement to avoid application of the product when bees may be foraging on flowering crops or weeds.</p>
<b>3. NON TARGET INSECTS AND OTHER ARTHROPODS</b>	<p>No risk management necessary. Luna Sensation poses a low risk to a range of arthropod species commonly found in and around treated fields, e.g. ground beetles, lady birds and aphid parasitoids.</p>
<b>4. AQUATIC LIFE</b>	<p>Luna Sensation is classified as “VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.” Care must be taken to ensure that surface waters or ditches are not contaminated with the product or the used container.</p> <p>Risk management is essential. Luna Sensation 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 there is adequate protection of aquatic species.</p> <p>DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 14 metres of the top of the bank of a static or flowing water body, or within 1 m of the top of a ditch which is dry at the time of application. Aim spray away from water. THIS CROP IS NOT ELIGIBLE FOR BUFFER ZONE REDUCTION UNDER THE LERAP HORIZONTAL BOOM SPRAYERS SCHEME.</p>

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<p><b>5. SOIL and GROUNDWATER</b></p> <p><b>Earthworms</b></p> <p><b>Soil Micro-organisms</b></p>	<p>Fluopyram is very persistent (degrades slowly) and is of moderate mobility in soil. Trifloxystrobin is of low persistence (degrades quickly). Trifloxystrobin metabolites are of moderate persistence with one probably very persistent. Investigations have indicated that all the metabolites are of no environmental concern. Trifloxystrobin is of low mobility in soil.</p> <p>Use of Luna Sensation according to the label presents a low risk to groundwater.</p> <p>Trifloxystrobin &amp; fluopyram are of low toxicity to earthworms. No risk management is necessary, when Luna Sensation is used according to the label</p> <p>Luna Sensation 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>
<b>6. NON-TARGET PLANTS</b>	<p>When used as recommended Luna Sensation is not expected to have adverse effects on non-target plants.</p>

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](http://www.cropscience.bayer.co.uk)

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

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