Luna® SENSATION

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GROUP 7 | 11 FUNGICIDES

A spray fungicide for control of foliar diseases and fruit rots in protected crops of strawberry.

MAPP 20716

A suspension concentrate formulation containing
250 g/L (25 % w/v) fluopyram and
250 g/L (25 % w/v) trifloxystrobin

The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

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Safety Information

LUNA SENSATION UFI: GCC0-Y0VF-200A-4XYW

A suspension concentrate formulation containing 250 g/L (25 % w/v) fluopyram and 250 g/L (25 % w/v) trifloxystrobin.



Warning

Harmful if swallowed.
May cause harm to breast-fed children.
Very toxic to aquatic life with long lasting effects.

Do not breath gas/mist/vapours/spray.
Avoid contact during pregnancy/while nursing.
Wear protective gloves/protective clothing/eye protection/face protection.
IF exposed or concerned: Call a POISON CENTER or doctor/physician.

Collect spillage.
Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.
To avoid risks to human health and the environment, comply with the instructions for use.
Contains Trifloxystrobin, 1,2-benzisothiazolin-3-one, reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3- one (3:1). May produce an allergic reaction.

IMPORTANT INFORMATION FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE

Crops	Maximum individual dose	Maximum number of applications per season	Latest time of application
Strawberry (Protected)	0.8 L/ha	2	1 day before harvest

The following Non-Reducible Aquatic Buffer Zones must be observed:

Crops/situations:	Aquatic buffer zone distance (metres):
Protected Strawberry	12

Other specific restrictions:
Apply as part of a protectant programme, no later than the first sign of disease.
Cardoons, celeries, Florence fennels and crops belonging to the category 'other stem vegetables' cannot be allowed as succeeding crops.
Managers must carry out a thermal comfort checklist (see http://www.hse.gov.uk/temperature/assets/docs/thermal-comfort-checklist.pdf) prior to worker re-entry tasks. If needed, an additional heat stress check list and associated risk assessment must be undertaken (see- http://www.hse.gov.uk/temperature/assets/docs/heat-stress-checklist.pdf) and the records retained. Temperature and humidity inside tunnels/greenhouses should be monitored during re-entry tasks. If conditions become such that there is a risk of heat related illness, or workers complain of ill effects, then work must cease until the risk is reduced. It is not acceptable for workers to remove clothing and continue working.

READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS.

To access the **Safety Data Sheet** for this product scan the code or use the link below:
https://cropscience.bayer.co.uk/our-products/fungicides/luna-sensation
or alternatively contact your supplier

Bayer

SAFETY PRECAUTIONS

Operator Protection

Other engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:

WEAR SUITABLE PROTECTIVE GLOVES when handling the concentrate.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when applying by a pedestrian- controlled sprayer with vertical boom or where contact with treated foliage is unavoidable during application in protected situations.

WEAR SUITABLE PROTECTIVE GLOVES when applying by hand-held equipment or vehicle mounted equipment in protected situations.

Workers must wear suitable protective clothing in which arms, body and legs are fully covered when re-entering treated areas or handling treated strawberry crops or contaminated surfaces within 7 days. (See 'Other Specific Restrictions').

However, other engineering controls in addition to those specified above may replace personal protective equipment if a COSHH assessment shows that they provide an equal or higher standard of protection.

Broadcast air-assisted sprayers must only be used where the operator's normal working position is within a closed cab with a suitable in-cab filtration system* during application in protected situations.

*Closed cabin meeting at least EN 15695 category 3.

Vehicle-mounted or trailed horizontal or vertical boom sprayers must only be used where the operator's normal working position is within a closed cab with a suitable in-cab filtration system* or suitable respiratory protective equipment** must be worn during application in protected situations.

*Closed cabin meeting at least EN 15695 category 3.

**Disposable filtering facepiece respirator to at least EN149 FFP3 or equivalent.

DO NOT EAT, DRINK OR SMOKE.

WASH ANY CONTAMINATION from eyes immediately.

IF YOU FEEL UNWELL, seek medical advice (show label where possible).

WASH HANDS AND EXPOSED SKIN before meals and after work.

Environmental Protection

DO NOT CONTAMINATE SURFACE WATERS OR DITCHES with chemical or used container.

To protect aquatic organisms, respect an unsprayed buffer zone to surface water bodies in line with LERAP requirements.

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 7 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.

This product qualifies for inclusion within the Local Environment Risk Assessment for Pesticides (LERAP) scheme. The statutory buffer zone must be maintained and the distance recorded in the LERAP record form. The LERAP record form must be kept available for three years.

Storage and Disposal

KEEP OUT OF REACH OF CHILDREN.

KEEP IN ORIGINAL CONTAINER tightly closed in a safe place.

WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank and dispose of safely.

DO NOT RE-USE CONTAINER for any purpose.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

DIRECTIONS FOR USE

IMPORTANT: This information is approved as part of the Product Label. All instructions within this section must be read carefully in order to obtain safe and successful use of this product.

RESTRICTIONS OR WARNINGS

Safety to beneficial organisms used in IPM has not been tested and cannot be assumed.

DISEASES CONTROLLED

Protected strawberries.	Powdery mildew *(Podosphaera aphanis)* – control. Grey mould *(Botrytis cinerea)* – moderate control. <u>Qualified minor use:</u> Based on limited data the control of Gnomonia fruit rot, leaf blotch and petiole blight *(Gnomonia comari = Zythia fragariae* [anamorph], *Gnomonia fructicola* (Arnaud) Fall*)*, plus reductions in post-harvest soft rots caused by *Rhizopus stolonifera* and/or *Mucor piriformis*, and blue mould caused by *Penicillium expansum* would also be expected from applications of Luna Sensation applied in accordance with the crop specific information section.

The possible development of disease strains resistant to Luna Sensation cannot be excluded or predicted. Where such resistant strains occur, Luna Sensation is unlikely to give satisfactory control.

CROP SPECIFIC INFORMATION

Protected Strawberry:

<u>Fruit rots:</u> spray as part of a protectant programme from first open flower (BBCH 60) until the main harvest (BBCH 87), respecting a Pre-Harvest Interval of 1 day.

<u>Soft fruit leaf disease:</u> Apply as part of a protectant programme, no later than at first sign of disease.

Apply Luna Sensation as part of a protectant spray programme at 0.8 L/ha in 300–750 L water/ha. Apply as a medium spray quality in sufficient water and in combination with appropriate spray technology to ensure thorough penetration and coverage of the crop. Luna Sensation may be applied at any stage from first flower open (BBCH 60) until the main harvest (BBCH 87), respecting a Pre-Harvest Interval of 1 day. Two applications are permitted per cropping year.

MIXING

Add the required quantity of Luna Sensation to the half-filled spray tank with the agitation system in operation and then fill to the required level. Continue agitation at all times during spraying and stoppages until the tank is completely empty. Spray immediately after mixing.

Sprayers should be THOROUGHLY CLEANED before use and filters and jets checked for damage and blockages.

RESISTANCE MANAGEMENT STRATEGY

Luna Sensation contains fluopyram, a member of the Succinate DeHydrogenase (SDH inhibitors) cross-resistance group 7 and trifloxystrobin, a member of the QoI cross-resistance group 11. Use Luna Sensation as part of an Integrated Crop Management (ICM) strategy incorporating other methods of control, including where appropriate other fungicides with a different mode of action. Do not spray more than 2 applications of Luna Sensation in any one season.

If more than two applications of any products containing either a QoI or an SDHI are to be used during a season then the following FRAC recommendations must be followed:

<u>Spray guideline table:</u>

Total number of fungicide spray applications per crop	1	2	3	4	5	6	7	8	9	10	11	12
Max. recommended sprays of this product (SDHI + QoI) fungicide sprays in mixture (apply a max. of 2 consecutive applications)	1	1	1	2	2	3	3	3	3	3	4	4

If applied as solo products, consecutive applications of SDHI fungicide must not be made.

Further information on the recommended number of applications of QoI's and SDHI's for programmes of 12 of more fungicide applications per crop see the latest FRAC recommendations (www.frac.info).

Apply QoI/SDHI fungicides preventatively or at the early stages of disease development, according to manufacturer's recommendations or for the target disease (or complex) at the specific crop growth stage indicated. Effective disease management is a critical parameter in delaying the build-up of resistant pathogen populations.

Do not use consecutive applications of QoI fungicides.

Continue QoI fungicide alteration between successive crops.

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