

Luna[®] Sensation

Net contents : 1/3/5/10 L

Fungicide

Claim statement: A protectant and systemic fungicide for the control of powdery mildew in grapes and brown rot in stonefruit.

Contains: 250 g/litre fluopyram + 250 g/litre trifloxystrobin in the form of a suspension concentrate

Registered pursuant to the ACVM Act 1997, No P9161
See www.foodsafety.govt.nz for registration conditions.

Approved pursuant to the HSNO Act 1996, No HSR100998
See www.epa.govt.nz for approval conditions

DG Information



UN 3082
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S. (TRIFLOXYSTROBIN SOLUTION)
PACKING GROUP III
CLASS 9
HAZCHEM CODE 3Z

IN A TRANSPORT EMERGENCY DIAL 111 POLICE OR FIRE BRIGADE



Barry
21/12/2021

WARNING
KEEP OUT OF REACH OF CHILDREN
HSNO Classifications:



Harmful if swallowed. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects. Harmful to terrestrial vertebrates

PRECAUTIONS:

Read label before use

Do not eat, drink or smoke while using this product.

Remove protective clothing and wash hands and face thoroughly before meals and after work.

Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

Avoid contact with the skin and eyes

Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area

Do not apply directly into or onto water

PERSONAL PROTECTION:

Application: sturdy footwear; gloves; long-sleeved shirt; long trousers

Mixing/Loading: gloves; long-sleeved shirt; long trousers; sturdy footwear

Re-entry: long-sleeved shirt; long trousers; sturdy footwear

STORAGE: Store in original container tightly closed and in a locked dry, cool, well-ventilated area, away from foodstuffs.

SPILLS: When dealing with spills wear personal protective clothing and equipment as described in the PERSONAL PROTECTION section.

Contain the spill by damming, recover spilt product by absorbing with sawdust or an inert absorbent material then transfer the recovered spilt material to a properly labelled drum. Deal with all spillages immediately. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority.

DISPOSAL: Dispose of this product only by using according to the label or at an approved landfill. Avoid contamination of any water supply with product or empty container.

Container Disposal: Triple rinse container and add residue to mixture. Take to an Agrecovery collection site.

FIRST AID:

IF SWALLOWED: Call contact the National Poisons Centre 0800 POISON (0800 764 76/doctor/physician if you feel unwell.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Specific treatment (see supplemental first aid instructions on this label).

If skin irritation occurs: Get medical advice/ attention

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If skin irritation or rash occurs: Get medical advice/ attention



Barbara
21/12/2021

It is an offence to use this product on animals.

DIRECTIONS FOR USE:

MIXING: Half fill the spray tank with water, then pour in the required quantity of Luna®Sensation with agitators running, then top up with water. Do not pre-mix.

RESISTANCE MANAGEMENT

Group	7 + 11	Fungicide
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Luna Sensation contains fluopyram from the SDHI (Succinate Dehydrogenase Inhibitor) mode of action (Group 7) and trifloxystrobin from the Quinone outside Inhibitors (QoI) mode of action (Group 11). Resistance to this fungicide and related products could develop in some disease situations from repeated use. To minimize this risk always use Luna Sensation preventatively and do not use more than 2 consecutive applications.

Refer to www.resistance.nzpps.org for further information. Refer to remarks for more crop-specific information.

RECOMMENDATION:

Crop	Disease	Rates	Remarks
Grapes	Powdery mildew	15 mL /100 L	<p>Rate is for high volume dilute spraying to the point of run off. For concentrate spraying, adjust the rates accordingly, ensuring the same total amount of product is applied by either dilute or concentrate spraying (see example in the concentrate spraying directions).</p> <p>Make no more than 2 applications per season. Apply from immediately pre flowering (i.e. immediately prior to EL 19) through to 80% cap fall (EL 25) with an interval of no less than 10 days between applications.</p>
Stonefruit, including Cherries Peaches Nectarines and apricots	Brown rot	25 mL/100 L	<p>This rate is for dilute high volume spraying to the point of run off. For concentrate spraying adjust the rate accordingly.</p> <p>Apply either during the flowering period from pink to petal fall or in the period prior to harvest. Do not make more than 2 consecutive applications per season. Ensure a minimum of 7 days between applications, and a maximum of 3 applications of Luna Sensation per season.</p>



DILUTE AND CONCENTRATE SPRAYING

Dilute spraying

- Use a sprayer designed to apply high spray volumes, up to the point of run-off and matched to the crop being sprayed.
- Set up and operate the sprayer to achieve even coverage throughout the crop canopy. Apply sufficient water to cover the crop to the point of run-off. Avoid excessive run-off.
- The required spray volume may be determined by applying different test volumes, using different settings on the sprayer, or from industry guidelines or expert advice.
- Add the amount of product specified in the Direction for Use table for each 100 L of water. Spray to the point of run-off.
- The required dilute spray volume will change and the sprayer set up and operation may also need to be changed, as the crop grows.

Concentrate spraying

- Use a sprayer designed and set up for concentrate spraying (that is a sprayer which applies spray volumes less than those required to reach the point of run-off) and matched to the crop being sprayed.
- Set up and operate the sprayer to achieve even coverage throughout the crop canopy using your chosen spray volume.
- Determine an appropriate dilute spray volume (See Dilute Spraying above) for the crop canopy. This is needed to calculate the concentrate mixing rate.
- The chosen spray volume, amount of product per 100 L of water, and the sprayer set up and operation may need to be changed as the crop grows.
- For further information on concentrate spraying users are advised to consult relevant industry guidelines and follow industry best practice.
- Do not apply at water rates below 300 L/ha

Concentrate spraying adjustment (EXAMPLE ONLY)

1. Dilute spray volume as determined above: For example, 1000 L/ha
2. Your chosen concentrate spray volume: For example 400 L/ha
3. The concentration factor in this example is 2.5 (i.e. $1000 \text{ L} \div 400 \text{ L} = 2.5$)
4. If the dilute label rate is 15 mL/100 L, then the concentrate rate becomes 2.5×15 , that is, 37.5 mL/100 L of concentrate spray.



Stanley
21/12/2021

Grapes

The maximum application rate set by EPA when applied on grapes is 150 mL/ha per application, with a maximum of two applications in any 365 day period and an interval of at least ten days between applications. Apply Luna Sensation by ground-based methods only. Use Luna Sensation as part of a season long powdery mildew spray programme. Prior to flowering, protectant fungicides (e.g. sulphur) should be used. Other suitable fungicides should be used after flowering through to pre-bunch closure. Luna Sensation should be used protectively only. If disease is already present, a product with curative activity should be used.

Stonefruit

Apply Luna Sensation by ground-based methods only. The maximum application rate set by EPA when applied on stone fruits is 600 mL/ha per application, with a maximum of three applications in any 365 day period and an interval of at least seven days between applications. When applied at rates greater than 150 mL/ha, Luna Sensation must not be applied when wind speeds are less than 3 km/hr or more than 20 km/hr as measured at the application site and must not be applied within 15 metres of a downwind water body. The rates recommended are for dilute high volume spraying to the point of run off at 2000L/ha. For water rates lower than this in concentrate spraying, adjust the rate accordingly. Ensure use of different mode of action fungicides in the seasonal program.

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels for Agricultural Compounds.

WITHHOLDING PERIOD:

Grapes: Do not apply after 80% capfall (EL25)

Stonefruit Do not apply later than one day before harvest

Leaf-plucking in vineyards: Sheep must not be sent for slaughter or milked for 2 months after being removed from the vineyard (and placed on clean feed)

Post-harvest grazing in stonefruit orchards: Livestock that have been grazing in treated orchards must be removed from treated areas and placed on clean feed for two months prior to slaughter or milking

CONDITIONS OF SUPPLY: READ THESE CONDITIONS OF SUPPLY BEFORE BUYING AND USING. IF THESE CONDITIONS ARE UNACCEPTABLE, RETURN AT ONCE UNOPENED.

To the extent permitted by law Bayer does not accept any liability or responsibility whatsoever for any loss, damage or injury whether direct, indirect or consequential howsoever arising in connection with these goods, including without limitation their storage, application, handling or use. Bayer does not make any warranties (express or implied) with respect to fitness for purpose, merchantable quality or any other matter.

To the extent only that Bayer is prevented by law from contracting out of the Consumer Guarantees Act, then these conditions apply subject to that Act. The Act shall not apply where these goods are acquired for business purposes.

Date of Manufacture:

Batch No:



Luna® is a registered trademark of the Bayer Group

Bayer

Registered to: Bayer New Zealand Limited
B:Hive Building
74 Tahoroto Road
Takapuna
Auckland 0622,
New Zealand

Ph. 0800 428 246
EMERGENCY RESPONSE SERVICE (24 hrs) 0800 734 607

