



# Luna<sup>®</sup>

## PRIVILEGE

1 L e

### Fungicide

A fungicide for the control of powdery mildew in apples and pears.

A suspension concentrate formulation containing 500 g/L fluopyram

For use as a horticultural fungicide. For professional use only

#### Authorisation Holder:

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

#### Marketing Company:

Bayer CropScience Ltd,  
Bayer Ltd, The Atrium,  
Blackthorn Rd, Sandyford,  
Dublin 18.

Freephone 1800 818534.

For 24 hour emergency information contact Bayer CropScience Ltd.  
Telephone: 00800 1020 3333



#### Safety Information

#### LUNA PRIVILEGE

Contains 500 g/L fluopyram.



#### Warning

**Toxic to aquatic life with long lasting effects.**

Wear protective gloves/protective clothing/eye protection/face protection.

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

Collect spillage.

Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty triple rinsed containers which can be disposed of as non-hazardous waste.

Contains 1,2-Benzisothiazolin-3-one.  
May produce an allergic reaction.

**To avoid risks to human health and the environment, comply with the instructions for use.**

PCS Number 05916

PROTECT FROM FROST



lunaprivilegesds

To access the **Safety Data Sheet** for this product scan the code or use the link below:

[www.bayercropscience.ie/sds/lunaprivilege.pdf](http://www.bayercropscience.ie/sds/lunaprivilege.pdf)

or alternatively contact your supplier

IE95370537a rA1

### SAFETY PRECAUTIONS

#### Operator Protection

When using do not eat, drink or smoke  
Wash hands and exposed skin before eating and drinking and after work

#### Environmental Protection

Do not contaminate water with product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards or roads.  
To protect aquatic organisms respect an unsprayed buffer zone of 10 m to surface water bodies.  
Direct spray away from water.

#### Storage and Disposal

Keep in original container tightly closed in a safe place.  
Keep away from food, drink and animal feedingstuffs.  
Rinse container thoroughly by using an integrated pressure rising device or manually rinsing three times. Add washings to sprayer at time of filling and dispose of safely.  
Do not re-use container for any purpose.

**DIRECTIONS FOR USE** ➔

**Bayer**

## DIRECTIONS FOR USE

IMPORTANT: This leaflet is approved as part of the Product Label. All instructions on this leaflet and on the label should be read carefully in order to obtain successful results from the use of this product.

## DISEASES CONTROLLED

Luna Privilege is a broad spectrum fungicide which contains fluopyram (a pyridylethylamide active substance with a SDHI mode of action, FRAC code 7). It can be used to control powdery mildew (*Podosphaera leucotricha*) in apples and pears.

## RATES OF USE

Crop	Maximum individual dose L product/ha	Maximum Number of Treatments per Year	Maximum total dose L product/ha	PHI
Outdoor apple and outdoor pear	0.225	3	0.675	14 days before harvest

Do not apply by hand held equipment.

## CROP SPECIFIC INFORMATION

### Apple and Pear

*Podosphaera leucotricha*: maximum 3 applications as a preventative fungicide, applied between BBCH55 (flower buds visible but still closed) to BBCH89 (fruit ripe for consumption: fruit have typical taste and firmness) at 0.075 L/ha/mCH (where a maximum 3 metre treated canopy height\* is observed) equivalent to a maximum of 0.225 L/ha in 300-1500 litres water/ha. Applications should be carried out with a minimum interval of 8 days and a 14 day PHI must be observed.

The product dose should be reduced for smaller trees as described below:

For trees with a crop canopy height\* of 3 m or more: use 0.225 L/ha

For trees with a crop canopy height\* of 2 m: use 0.15 L/ha

For trees with a crop canopy height\* of 1 m: use 0.075 L/ha

For trees with a crop canopy height\* of 1-2 m or 2-3 m: Use an intermediate rate between those given above.

\* Crop Canopy Height (CH) is the average tree height in the orchard (soil to the top of the crown) minus the average trunk height in the orchard (soil to first main branch).

## Mixing and Spraying

Add the required quantity of Luna Privilege to the half-filled spray tank with the agitation system in operation, and fill to the required level. Continue agitation at all times during spraying and stoppages until tank is completely empty. Spray immediately after mixing. On emptying the container, rinse container thoroughly by using an integrated pressure rinsing device or manually rinsing three times. Add washings to sprayer at time of filling and dispose of container safely.

Spray Quality: MEDIUM/FINE (as defined by BCPC).

For use in orchard blast sprayer.

After application, completely drain spray equipment. Thoroughly rinse sprayer and flush the hoses, boom and nozzles with clean water. Dispose of waste rinse water safely.

## PESTICIDE RESISTANCE MANAGEMENT STRATEGY

Luna Privilege contains fluopyram, a pyridylethylamide active substance (SDHI mode of action, FRAC code 7) that can be used to control powdery mildew (*Podosphaera leucotricha*) in apples and pears.

Use Luna Privilege as part of an Integrated Crop Management (ICM) strategy incorporating other methods of control, including where appropriate other fungicides with different modes of action to fluopyram.

Apply in accordance with FRAC guidelines for pome fruit diseases:

- Apply SDHI fungicides according to manufacturers' recommendations.
- When mixtures are used for SDHI fungicide resistance management, applied as tank mix the mixture partner:
  - should provide satisfactory disease control when used alone on the target disease
  - must have a different mode of action
- Apply SDHI fungicides using not more than 2 consecutive applications
- Apply SDHI fungicides preventively

A maximum of three applications of Luna Privilege per year are permitted.

FRAC have produced guidance on the total number of SDHI fungicide applications in pome fruit and this should be followed, which may reduce the total number of applications ([www.frac.info](http://www.frac.info)).

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