Luna Sensation, the latest innovation from Bayer CropScience, contains a novel class of fungicide that can extend the vitality of apples, pears and stone fruit through exceptional in-crop disease control.

That exceptional disease control at critical growth stages has been shown to result in superior fruit appearance, with the potential for extended shelf-life after harvest.

Mode of action
Luna Sensation is a unique combination of the active ingredient fluopyram, a novel chemical within the ‘SDHI’ family, and trifloxystrobin. This combination targets a broad spectrum of stone fruit and apple and pear diseases and provides unrivalled efficacy. Its combined formulation targets key apple, pear and stone fruit diseases and has proven its effectiveness under local conditions over six years of Australian trials.

Fluopyram reduces a fungi’s ability to germinate, colonise and sporulate on the plants’ surface. Physically it protects the plant parts by adhering to the leaf surface and slowly penetrating into the leaf over time. As a systemic fungicide, it is redistributed around the plant from the base of the stem to its apex. Luna Sensation also has a translaminar effect, which allows the movement of product from the top of leaves to the underside, thereby protecting the plant’s untreated surfaces.

Resistance management
Bayer CropScience recommends for resistance management that Luna Sensation not be rotated with other Group 7 (SDHI) or Group 11 (QoI) products. Protectant fungicides may be added for additional prevention of fungicide resistance.

Powerful new chemistry to control problematic diseases
Luna® Sensation, the latest innovation from Bayer CropScience, contains a novel class of fungicide that can extend the vitality of apples, pears and stone fruit through exceptional in-crop disease control.

Key benefits of Luna Sensation

- Exceptional efficacy
  Luna Sensation has proven itself in several years of field trials to provide systemic and broad-spectrum disease control equal or superior to current leading fungicides.

- High quality fruit
  Luna Sensation programs have recorded reduced incidence of fruit finish storage diseases when compared with competitor fungicides.

- Recommended rotation option
  Luna Sensation provides growers with product to rotate with other available fungicides for resistance management.

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Getting the best out of Luna Sensation

**How to apply Luna Sensation**

Good coverage is essential, so apply thoroughly and use the same total amount of product whether using dilute or concentrate spraying methods. For concentrate spraying, do not use at rates greater than three times the recommended dilute spraying rate.

For best results, do not apply Luna Sensation within 4 hours of rainfall or overhead irrigation.

### When to apply Luna Sensation: Stone fruit

<table>
<thead>
<tr>
<th>STONE FRUIT</th>
<th>Budswell</th>
<th>Blossom</th>
<th>Petal Fall</th>
<th>Fruit Development</th>
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<tbody>
<tr>
<td><strong>SHOT HOLE</strong></td>
<td><img src="image1" alt="Shot Hole" /></td>
<td><img src="image2" alt="Blossom Blight" /></td>
<td><img src="image3" alt="Brown Rot" /></td>
<td><img src="image4" alt="Powdery Mildew and Alternaria Leaf Blotch" /></td>
<td><img src="image5" alt="Black Spot" /></td>
</tr>
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</table>

#### Shot Hole
Apply as part of a shot hole spray program at intervals of 10 to 14 days, starting at early pink bud. Repeat applications may be required later in the crop cycle if weather conditions favour disease development.

#### Blossom Blight
Apply as part of a blossom blight spray program. The critical application timings for blossom blight control are early (1–10%) blossom, full bloom and petal fall/shuck fall.

#### Brown Rot
Apply as part of a brown rot spray program. The critical period for brown rot control begins at fruit ripening and extends through to harvest. A spray interval of 7–10 days should be used.

### When to apply Luna Sensation: Apples and pears

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<th>APPLES AND PEARS</th>
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<td><img src="image6" alt="Black Spot" /></td>
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<td><img src="image9" alt="Black Spot" /></td>
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#### Black Spot
Apply as part of a black spot spray program at 7 to 10 day intervals, beginning applications at green tip or at spur burst following a recommended green tip fungicide spray.

#### Powdery Mildew
Apply as part of a powdery mildew spray program at 14-day intervals, beginning applications at early pink stage.

#### Alternaria Leaf Blotch
Apply as part of an alternaria spray program at 14-day intervals, starting following blossom and extending through to harvest. A spray interval of 7–10 days should be used.

#### Shot Hole
Apply as part of a shot hole spray program at 14-day intervals, beginning applications at early pink bud. Repeat applications may be required later in the crop cycle if weather conditions favour disease development.

#### Blossom Blight
Apply as part of a blossom blight spray program. The critical application timings for blossom blight control are early (1–10%) blossom, full bloom and petal fall/shuck fall.

#### Brown Rot
Apply as part of a brown rot spray program. The critical period for brown rot control begins at fruit ripening and extends through to harvest. A spray interval of 7–10 days should be used.
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Apply as part of a blossom blight spray program. The critical application timings for blossom blight control are early (1–10%) blossom, full bloom and petal fall/shuck fall.

Apply as part of a brown rot spray program. The critical period for brown rot control begins at fruit ripening and extends through to harvest. A spray interval of 7–10 days should be used.

Apply as part of a powdery mildew spray program at 14-day intervals, beginning applications at early pink stage.

Apply as part of an alternaria spray program at 14-day intervals, starting following blossom and extending through early fruit development.

Apply as part of a black spot (apple scab and pear scab) spray program at 7 to 10 day intervals, beginning applications at green tip or at spur burst following a recommended green tip fungicide spray.
Key benefits of Luna Sensation

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Users’ guide for stone fruit, apples and pears

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Luna® Sensation

In stone fruit

Target diseases
Blossom blight, shot hole, brown rot

Use rates
Blossom blight and shot hole: 40 mL/100 L
Brown rot: 30 mL/100 L

Pack sizes
3 L and 10 L

Concentrate
Do not apply in greater than 3x concentration

Maximum sprays
Do not use more than 2 L per hectare per season. Do not make more than 2 applications per season.

WHP
1 day

Compatibility
For information on the compatibility of Luna Sensation with other products, contact your local retailer or Bayer CropScience representative.

In apples

Target diseases
Apples – Black spot (apple scab), powdery mildew, alternaria leaf blotch (suppression only)
Pears – Black spot (pear scab)

Use rates
Brown rot: 30 mL/100 L

Pack sizes
30 mL/100 L

Concentrate
Do not use more than 2 L per hectare per season. Do not make more than 3 applications per season.

WHP
4 weeks

Compatibility
For information on the compatibility of Luna Sensation with other products, contact your local retailer or Bayer CropScience representative.

Poison schedule
Schedule 5

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