



Luna[®]

SENSATION

Users' guide for stone fruit, apples and pears

Powerful chemistry to control problematic diseases

Luna[®] Sensation offers exceptional in-field control of problematic fungal diseases like powdery mildew and black spot, as well as suppression of alternaria. Its unique chemistry is designed to deliver high quality fruit, which can make them a more appealing buy right down the line.

That exceptional disease control at critical growth stages has been shown to result in superior fruit quality and appearance and send fruit into storage in better condition.

MODE OF ACTION

Luna Sensation is a unique combination of the active ingredient fluopyram, a novel chemical within the 'SDHI' family, and trifloxystrobin. The combined formulation targets a broad spectrum of key apple, pear and stone fruit diseases, providing exceptional efficacy that has proven its effectiveness commercially over several seasons in the Australian market.

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 Crop Science 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 against fungicide resistance.

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 concentrations greater than three times the recommended dilute spraying rate.

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

WHEN TO APPLY LUNA SENSATION: STONE FRUIT

Budswell	Blossom	Petal fall	Fruit Development	Fruit ripening
				
Shot hole				
	Blossom blight			Brown rot

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.



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WHEN TO APPLY LUNA SENSATION: APPLES AND PEARS

Budswell	Blossom	Petal fall	Fruit Development	Fruit ripening
				
Black spot		up to 14 days before harvest		
Powdery mildew			up to 14 days before harvest	
Alternaria leaf blotch				up to 14 days before harvest

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 early fruit development.

BLACK SPOT (Apple Scab and Pear Scab)



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.



Luna Sensation has a low impact on bees when used as directed. For more information contact your Bayer Representative.

LUNA SENSATION AT A GLANCE	Stone Fruit	Apples and Pears
Target diseases	Blossom blight, shot hole, brown rot	Apples: Black spot (apple scab), powdery mildew Apples (suppression only): Alternaria leaf blotch Pears: Black spot (pear scab)
Use rates	Blossom blight and shot hole: 40 mL/100 L Brown rot: 30 mL/100 L	30 mL/100 L
Pack sizes	3 L and 10 L	
Concentrate spraying	Do not apply in greater than 3x concentration	
Maximum sprays	Do not use more than 2 L product per hectare per season. Do not make more than 2 applications per season	Do not use more than 2 L product per hectare per season. Do not make more than 3 applications per season.
Withholding period	1 day	14 days
Compatibility	For information on the compatibility of Luna Sensation with other products, contact your local retailer or Bayer Crop Science representative.	
Poison Schedule	Schedule 5	

KEY BENEFITS OF LUNA SENSATION

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Exceptional efficacy
 Luna Sensation has proven itself commercially in Australia to provide systemic and broad-spectrum disease control equal or superior to current leading fungicides.
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Better fruit vitality
 Luna Sensation stone fruit programs have recorded better disease control in storage, as a result of greater infield control, when compared with competitor fungicides.
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Recommended rotation option
 Luna Sensation provides growers with an excellent product to rotate with other available fungicides for resistance management.



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Always consult the product label for detailed information.

The information and recommendations set out in this brochure are based on tests and data believed to be reliable at the time of publication. Results may vary, as the use and application of the products is beyond our control and may be subject to climatic, geographical or biological variables, and/ or developed resistance. Any product referred to in this brochure must be used strictly as directed, and in accordance with all instructions appearing on the label for that product and in other applicable reference material. So far as it is lawfully able to do so, Bayer CropScience Pty Ltd accepts no liability or responsibility for loss or damage arising from failure to follow such directions and instructions.

Luna® is a registered trademark of the Bayer Group. Bayer CropScience Pty Ltd ABN 87 000 226 022 Level 1, 8 Redfern Road, Hawthorn East, Victoria 3123.
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