



# Luna<sup>®</sup> EXPERIENCE

## FACT SHEET

# Luna<sup>®</sup> Experience in Tomatoes and Capsicums

**Luna<sup>®</sup> Experience Fungicide offers exceptional in-field control of a range of diseases in many horticultural crops. Specific to tomatoes and capsicums, Luna Experience is registered for controlling infections of powdery mildew through critical growth stages, including flowering and fruit development. Its unique chemistry is designed to deliver long-lasting protection that will provide an added level of security for fruiting vegetable growers, including in protected cropping systems.**

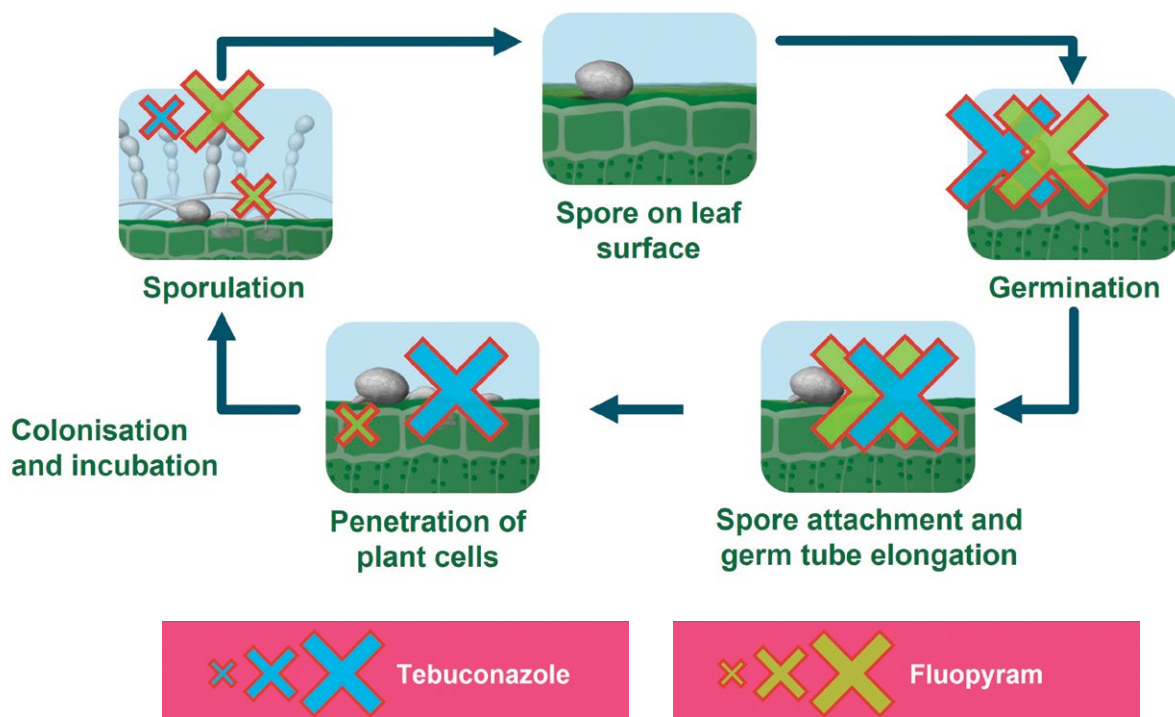
## HOW IT WORKS

Luna Experience is a unique combination of the active ingredient fluopyram, a novel fungicide within the 'SDHI' family (Group 7), and tebuconazole (Group 3). The combined formulation targets the key disease of powdery mildew which provides growers with an alternative option in their disease management programs. Fluopyram reduces a fungi's ability to germinate, colonise and sporulate on the plant's surface. Physically, it protects the plant parts by adhering to the leaf surface and slowly

penetrating into the leaf over time. As systemic fungicides, both active ingredients are redistributed around the plant from the base of the stem to the leaf tips. This results in uniform distribution throughout the leaf and a high level of disease control. Luna Experience also has a translaminar effect, which allows the movement of product from the top side of leaves to the underside, thereby protecting the plant's untreated surfaces.



# FLUOPYRAM AND TEBUCONAZOLE COMPLEMENTARY ACTIVITY ON FUNGAL LIFE CYCLE\*



\*Not specific to any pathogen

## Luna Experience at a glance

**Crop:** Tomato and Capsicum

**Target disease:** Powdery mildew (*Leveillula taurica*)

**Use rate:** 250–500 mL/ha

**Active ingredients:** Fluopyram (Fungicide Group 7) and tebuconazole (Fungicide Group 3)

**Application timing:** Apply as part of a preventative powdery mildew spray program. Begin applications at flowering, prior to disease development. Intervals between applications should be 7–14 days but modified for locality and disease conditions. Use the shorter interval when applied during conditions favourable to disease development. Luna Experience should be applied with sufficient water volume to ensure thorough coverage of the crop.

**Maximum sprays:** Apply a maximum of 3 applications per year in the same paddock. DO NOT apply more than 1.5 L/ha of Luna Experience per season.

**Withholding period:** 1 day.

**Rainfastness:** Luna Experience should be applied at least 4 hours prior to rainfall or overhead irrigation.

**Re-entry:** After the spray has dried unless wearing protective clothing.

**Compatibility:** Compatible with most commonly used insecticides and fungicides (Table 1). Please contact your reseller or local Bayer Crop Science representative for further details.

**Formulation:** Suspension concentrate containing 200 g/L fluopyram and 200 g/L tebuconazole.

# Trial Results;

## Compatibility trial; 23QM04-05, DAF Bowen, QLD.

In trial conditions that generated negligible powdery mildew pressure, Luna Experience was tank-mixed with a range of common crop protection products. It was determined to be safe for the tomatoes and capsicum varieties tested when applied in 2 sprays commencing at full flowering.

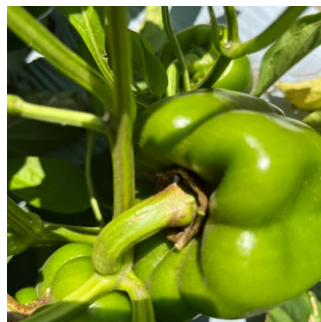
**Location:** DAF, Bowen, QLD. Variety: Tomatoes – Sylviana & Capsicums – Warlock.  
App A – 1/05/2023, 250 L/ha at early fruit set. App B – 09/05/2023, 300 L/ha.



**Untreated control**  
21 days after application B



**Luna Experience**  
21 days after application B



**Untreated control**  
21 days after application B



**Luna Experience**  
21 days after application B

**Table 1:** List of mixtures applied to both tomatoes and capsicums, DAF Bowen, QLD. NIS applied at label rates.

Product 1	Product 2
Untreated	-
Luna Experience; 500 mL/ha	+ Movento®; 400 mL/ha + NIS; 1 L/ha
	+ Belt®; 150 mL/ha + NIS; 0.01% V/V
	+ Sivanto®; 750 mL/ha
	+ Nudrin 225; 2 L/ha
	+ Coragen; 100 mL/ha + NIS; 0.01% V/V
	+ Proclaim Opti; 250 g/ha
	+ Success Neo; 400 mL/ha + NIS
	+ Minecto Forte; 750 mL/ha + NIS
	+ Benevia; 750 mL/ha + NIS
	+ Efficon; 1000 mL/ha
	+ Dithane Rainshield; 3 kg/ha + NIS
	+ Bravo 720; 2.3 L/ha
	+ Rovral®; 2 L/ha
	+ Serenade® Opti; 2 kg/ha
	+ Serenade® Prime; 8L/ha
+ Fawligen + Optimol (PER)	

Non-ionic surfactant (NIS);  
Agrindex at Recommended Rates.

PER; Permit allowing in crop use.

\*Rovral is not registered on Capsicum.

