

# SUMAGIC



**SUMAGIC** is a plant growth regulator containing 50 g/L UNICONAZOLE-P. It acts by influencing the production of gibberellins in the poppy plant, which in turn can lead to regulation of plant height. The benefits are of this are:

- Reduced risk of lodging
- Increased yield

## DIRECTION FOR USE

Situation	Purpose	State	Rate	Critical Comments
Oilseed poppy ( <i>Papaver somniferum</i> )	To regulate (reduce) plant height and potentially increase crop yield	Tas only	Apply SUMAGIC as a foliar spray at the rate of 0.5-1.0 L/ha	Apply between row cover and late run-up stages (in single or split applications), in consultation with poppy contracting company field staff. An adjuvant may also be used. (See additional notes under Mixing.) Apply by ground application equipment. Growing conditions can affect plant response to this product, i.e. day length, temperature, seasonal factors, etc.

### WITHHOLDING PERIOD

**HARVEST: DO NOT HARVEST FOR 49 DAYS AFTER LAST APPLICATION**



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# GETTING THE BEST FROM SUMAGIC

## APPLICATION

SUMAGIC is ideally applied during wind-free and high humidity conditions – preferably in the early morning or late afternoon. SUMAGIC should be applied between row cover and late run-up stages (in single or split applications), in consultation with poppy contracting company field staff. Failure to apply SUMAGIC at the correct timing can give a poor result.

Ground Application:

Apply in a minimum spray volume of 100 L/ha.

DO NOT apply by aerial application.



## COMPATIBILITY

It is advised to test all mixtures prior to mixing commercial quantities. SUMAGIC can be tank-mixed with fungicides used for the control of downy mildew, mancozeb products including Penncozeb\* 420 SC Fungicide, Amistar\* 250 SC Fungicide, Ridomil\* Gold MZ Systemic & Protective Fungicide, Ridomil\* Gold 480 EC Systemic Fungicide, metalaxyl + mancozeb products including Max MZ, Acrobat\* Fungicide and Agri-Fos (600 g/L) Fungicide, Aero\* Fungicide, Revus\* Fungicide and Polyram\*.



## MIXING

Water pH and hardness: SUMAGIC should not be applied in alkaline water or hard water (>1000 mg/kg solutes). Where necessary use a buffer agent to reduce pH to between 4.5 and 5.5. Half fill the spray tank with clean water and whilst constantly agitating add the required amount of SUMAGIC. Thereafter, add the wetting agent and, if required, buffer. Fill the spray tank to the required level with water while agitating. Ensure vigorous agitation of the mixture in the tank during mixing and spraying. DO NOT allow spray mixture to stand for prolonged periods.



Adjuvants / Wetting Agents:

Dow AgroSciences Uptake\* (.5% v/v) is the preferred option, but a non-ionic wetting agent, such as 0.125% v/v Spraymate\* Activator\* Surfactant or an organosilicone surfactant may be used. Alternatively, rape seed oil adjuvant may also be used, generally in a 1:1 ratio of product to oil. That is, for e.g. 0.5 L SUMAGIC and 0.5 L oil adjuvant. Other adjuvants: Spraymate\* Bond (.1% v/v) may also be used. Please consult with poppy contracting company and/or their field staff representatives for guidance.

*Photos supplied by GlaxoSmithKline Aust Ltd*

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For further information contact:



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