

# CORASIL



## ACTIVE INGREDIENT

25g/litre dichlorprop-p as the 2 ethyl hexyl ester in the form of an emulsifiable concentrate

## FORMULATION

Emulsifiable concentrate

Corasil is a plant growth regulator for oranges and mandarins. When applied at the correct time Corasil will increase fruit size by 2-3mm in diameter, delivering more premium grade fruit, increased yield and return on investment.

## BENEFITS

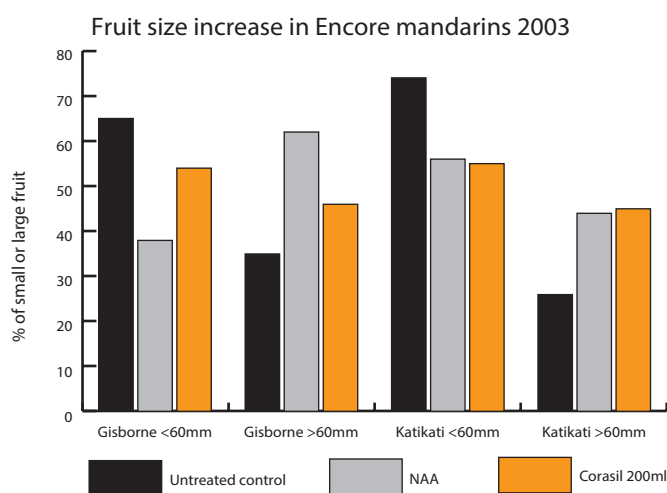
- An innovative crop management tool to increase the marketable yield of citrus trees
- Increases the proportion of large, high value fruit at harvest
- Registered for use on oranges and mandarins

## MODE OF ACTION

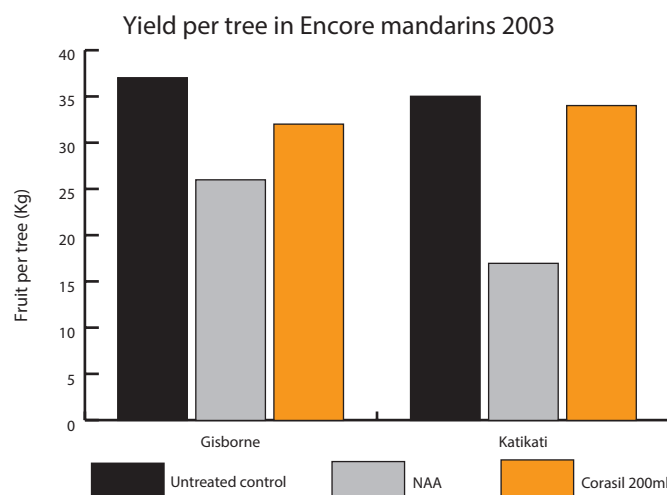
The active constituent in Corasil is Dichlorprop-P, an auxin based growth regulator. The product mimics a group of natural plant hormones known as auxins and increases fruit size by causing an increase in the size of locules and juice vesicles in fruit.

## PACK SIZE AVAILABLE

5L



Treatments applied 30 Jan; Fruitlet size Gisb : 16mm; Katikati : 15mm



Corasil yield (kg/tree) was not significantly different from the control at both locations, NAA yield was significantly lower than the control at both locations

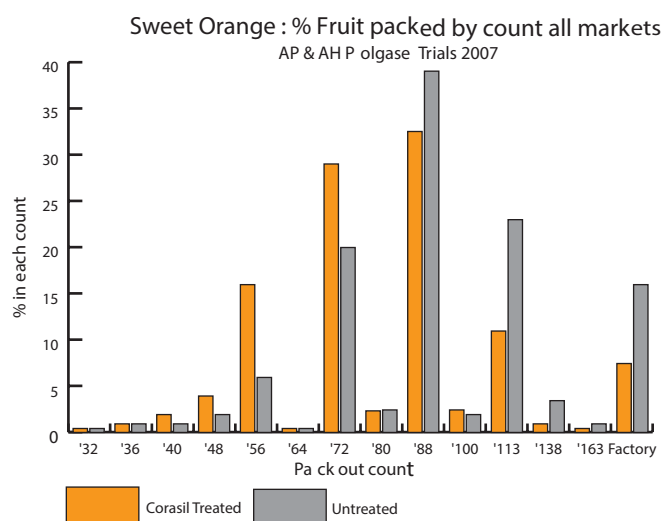
## INCREASED FRUIT SIZE

In field trials conducted by Nufarm, local industry groups and research organisations, Corasil has increased fruit size and as a result significantly improved pack-out performance.

Crop	Fruit diameter at application
Mandarins	Label: 8-20mm Preferred: 8-14mm
Oranges	Label: 12-30mm Preferred: 12-22mm

## OTHER BENEFITS

- Earlier harvest may occur which has the potential to attract higher prices
- Rind colour may be improved however Corasil does not increase rind thickness
- Corasil may increase stalk strength by increasing the thickness of stalks making them less likely to abscise



## TIMING

Timing is crucial when applying Corasil. Best results are achieved when Corasil is applied at physiological drop when the fruit are no longer increasing cell numbers. Applied at this growth stage Corasil will increase juice accumulation and which will translate into increases in fruit size. Corasil has virtually no thinning effect. Late applications do not work.

## APPLICATION

<b>Surfactant</b>	Apply Corasil with a non-ionic surfactant to assist spray coverage. Contact or Contact Xcel at a rate of 25-50ml/100L is recommended.
<b>Spray Volume</b>	Apply 2,500L to 3,000L/ha at a citrus tree height of 4 metres. Apply to run-off as thorough coverage is essential. Apply as a medium to coarse droplet.
<b>Compatibility</b>	Corasil should not be tank mixed with any other agricultural chemicals or foliar fertilisers.
<b>Conditions</b>	Warm conditions at and around spraying (<18°C) are best.
<b>Warnings</b>	Avoid drift. Decontaminate sprayer with 1% ammonia solution and clean water flushes. Do not treat trees under stress.
<b>Withholding Period</b>	Not specified when used as directed.
<b>MRL in citrus</b>	Fruit residue at harvest <0.1ppm in NZ. No Codex MRL established. EU 0.05ppm, Australia 0.2ppm, Japan 3ppm dichlorprop.

## RATES

Crop	Rate/100L	Notes
Mandarins	100-200ml	Fruitlets 8-20mm. Use the low rate only at early timings. Do not apply when mature fruit from the previous season is still present.
Oranges	200ml	Fruitlets 12-30mm. Do not apply when mature fruit from previous season is still present.

The information contained is a quick reference only. Always consult the product label before use. ©Corasil is a trademark of Nufarm Australia Limited. © Nufarm Ltd 2017.

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