



Tops[®]



For Oranges & Mandarins

THIN THEM OFF

OR



SIZE THEM UP

It's possible with Tops[®]

*Tops is a registered trademark of and product made by



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To thin or size Oranges and Mandarins

- Product:** Tops Plant Growth Regulator
Active Ingredient: 100g/kg triclopyr* also known as 3,5-6 TPA
Formulation: 10g water soluble tablets
Packaging: 100g tube containing 10 tablets (of 10g each tablet)

Each year growers engage manual labour to carry out thinning of their trees to help increase fruit size. The amount of man-hours this takes and a current minimum casual workers wage of over \$21 per hour see the annual labour bill increase potentially by over \$5,000.

Tops® is a brand new product that can take care of your thinning requirements without inflating your labour budget.

However Tops® can not only thin your citrus, it also has ability to size your existing fruit load when there is no need for thinning##.

Here's how:

When applying Tops® at or near the end of natural fruit drop for oranges or during natural fruit drop in November for mandarins you will achieve a thinning effect (**without the need for intensive manual labour**) to help give your fruit an increase in size.

Alternatively you can apply Tops® within 2 weeks after the end of natural fruit drop (natural thinning) and you will give your fruit a size increase.

This allows you to choose your application timing based on seasonal conditions and crop load in order to increase fruit size.

##Tops® may still give you up to 10% thinning under this use which may be small fruit from a first flowering or from the second flowering.

The directions for use (extract)

Crop	Rate	Critical Comments
Oranges Mandarins	1-2 tablets* per 100L water	Apply once only per season with a suitable sprayer. Use a non-ionic wetter. Thinning: Apply at or near the end of natural fruit thinning. Oranges: Apply when mean fruitlet diameter is 10-20mm. Mandarins: Apply during natural fruit drop in November. Fruit sizing effect only: Apply within 2 weeks after the end of natural thinning. Use lower rates for smaller fruit diameters.
* each tablet contains 10g TOPS®		

Other benefits that may be observed when using Tops® on Oranges & Mandarins

- + May give a higher sugar to acid ratio early in the season.
- + May give an earlier colour break on Navels, allowing earlier pick.
- + May give a more orange colour to fruit, important in the Riverland.
- + May toughen the peel slightly.

This 2008 trial shows the improved colour and size development that occurred after the application of Tops®



IMPORTANT

Before using Tops® you must read and follow the directions on the product label and the Tops® Product Handbook that is available from Colin Campbell (Chemicals) or your Tops® Agent.

Important Warning

*While triclopyr is the active ingredient in Tops, it is in a different form to that of herbicides which contain triclopyr. Using herbicides which contain triclopyr for the same purposes as Tops is not only illegal but will also cause severe damage to your trees.