

# GET THE RESULTS WITH LESS COPPER



# Tricop®

## “LIQUID COPPER FOR THE 21ST CENTURY”

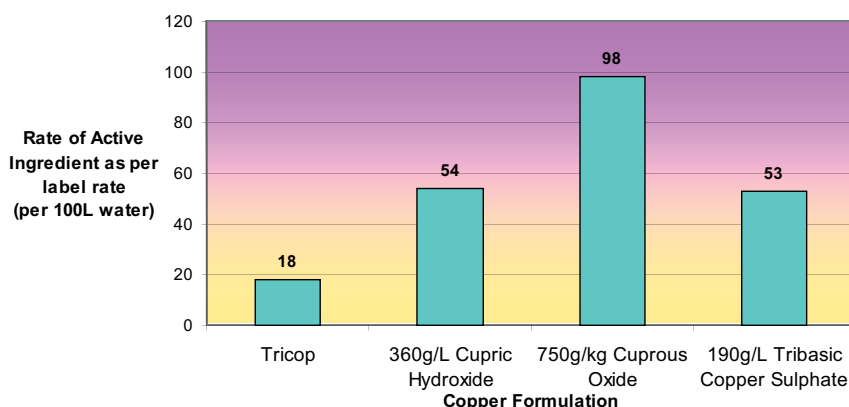
Tricop (copper soap) is new type of copper base for the horticulture industry containing 18g/L Copper Octanoate.

Tricop was developed to reduce copper residues by using a lower concentration of copper and achieving at least the same results that other copper formulations provided. Tricop only requires a concentration of 180ppm where more commonly used copper fungicides use 1000ppm.

Our comparison graph shows that the same results are obtained using Tricop as compared with the standard copper fungicides (based on label rates). The amount of active ingredient applied with Tricop about a third of the rate of the active ingredient applied with the nearest copper product, therefore less chemical is required to obtain the same result.

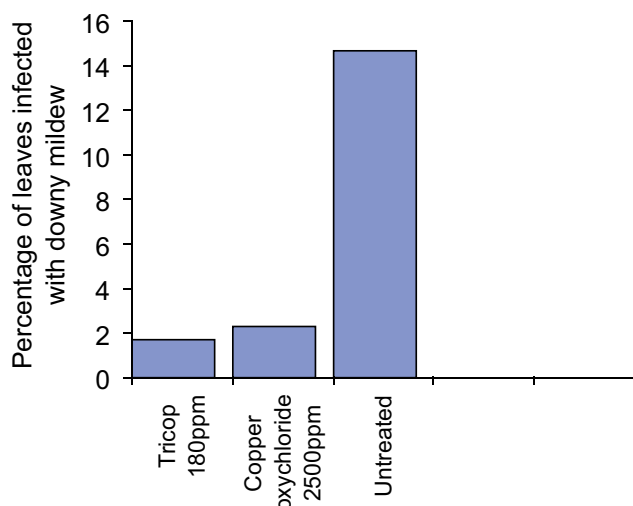
The lower rate of copper used in Tricop shows an analysable residue lower than would be expected with other copper products and the visible residue is so low it is almost undetectable after drying.

### Comparison of Tricop against other Copper Fungicides



## TRICOP DOWNY MILDEW GRAPE TRIAL ORANGE NSW

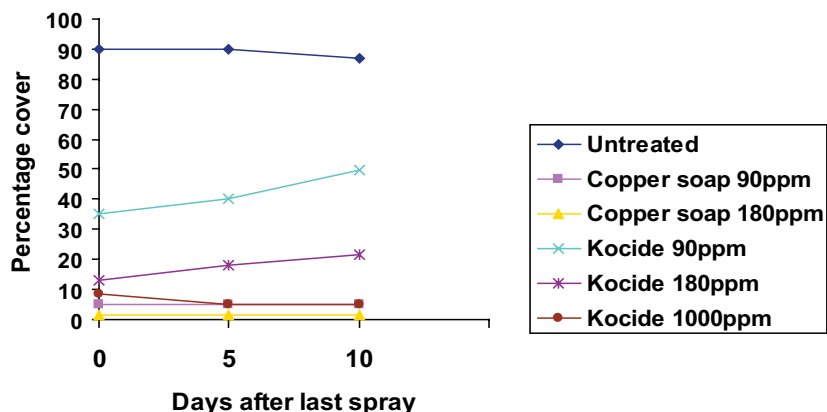
### Percentage of leaves infected with downy mildew



This trial shows that using Tricop at the recommended rate 1L/100L (180ppm) gave a significant level of control (less than 2% of leaves infected). Using copper oxy at 2500ppm 500g/L (high rate) gave a similar result. The advantage of using Tricop over copper oxy was that copper oxy needed 13 times more copper (active) to gain similar control.

# TRICOP POWDERY MILDEW TRIAL CUCURBITS AUSTRAL, NSW

Figure 1: Percentage cover of upper leaves with powdery mildew



Tricop (Copper Soap) 90ppm = 500mL/100L

Tricop (Copper Soap) 180ppm = 1L/100L

This graph demonstrates that not only did Tricop (copper soap) cure powdery mildew it gave better control using less copper in total. The trial used Kocide® at 360mL/100L (1000ppm), 50mL/100L (180ppm) and 25mL/100L (90ppm). (The Kocide rates of 50mL and 25mL are equal to the same amount of active as used in Tricop at these rates).

The trial results concluded that Tricop used at half the label rate (500mL/100L) controlled powdery mildew whereas Kocide® requires a rate of at least 1000ppm (360mL/100L) to be as effective- This is 7 times more copper and above the registered legal rate.

Tricop at the label rate gives excellent curative on powdery mildew and only requires 180ppm (1L/100L) to give this control.

## TRICOP REGISTRATIONS

CROP	DISEASE	RATE
Beans	Halo Blight Rust	1L-1.5L/100L or 2.2L-3.5L/ha 1L/100L or 2.2L/ha
Celery	Septoria Leaf Spot	1L/100L
Cucurbits	Powdery mildew Downy Mildew	1L/100L
Peas	Powdery mildew, Ascochyta Blight	1L/100L
Potatoes	Target Spot (Early Blight), Irish Blight (Late Blight)	1L/100L or 8L/ha
Tomatoes	Target Spot (Early Blight), Irish Blight (Late Blight)	1L/100L or 2.2L/ha
Nectarines	Leaf Curl	1L/100L
Peaches	Leaf Curl	1L/100L
<b>Vines</b>	<b>Downy Mildew</b>	<b>1L/100L</b>

**Triciop is available in 25L containers**



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