

# fluid focus

product information



## POST HARVEST NUTRITION IN POME AND STONE FRUIT

Do you want to maximise return on investment in 2008? Do you need to increase nitrogen reserves to ensure good bud burst in spring 2007 and maximize crop yield? Are your soil types naturally deficient in trace elements? Have you seen trace element deficiencies this year?



The 2006/2007 season has been a tough one for those relying on tree crops for income. This has been the result of wide spread frosts, increased input costs, and water restrictions. The 2007/2008 season is forecast to be a good one with El Nino coming to a close and wet weather forecast for many areas of Australia.

Post harvest nutrient sprays are extremely important to ensure you maximise the investment that has been made in tree crops. A dollar spent now will allow for maximum return in 2007/2008.

When tree crops come out of dormancy they rely solely on their sap nutrient levels until they have sufficient foliage transpiring water to pull available nutrients up from the soil.



Post harvest nutrient applications are essential to ensure that nutrient levels are sufficient to promote healthy bud burst. The important elements are zinc, magnesium, boron and nitrogen. Deciduous fruit trees store nitrogen and carbohydrates from the previous year, and then remobilize these accumulated compounds for new growth in the following growing season. This internal cycling provides the structural components and energy needed for early new growth.

### The Solutions

#### Nitrogen

Nitrogen affects orchard production more than any other element and will help reduce the incidence of black spot.



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## Nitro Humus 323 (32% N)

*For efficient nitrogen uptake and utilisation.*

Foliar Rate: 10-15 L/ha

Fertigation Rate: 20-30 L/ha

## Zinc

Deficiency is characterised by slow stunted shoot growth with small narrow

leaves particularly in rosettes at the shoot tips. Severe cases have die-back and dead limbs which can be easily prevented by a foliar zinc application.



## Zinc 100 (100% Zn)

*100% elemental zinc.*

Foliar Rate: 1.5 - 2.5 L/ha

Fertigation Rate: 2 - 4 L/ha

## Magnesium

Deficiency shows as a yellowing and some scorching on the leaf margin and between the veins. Bare wood or 'Blind Budding' has also been attributed to a low level of this element.

## Supa Mag (5% Mg)

*Magnesium for effective plant uptake.*

Foliar Rate: 8 - 10 L/ha

Fertigation Rate: 10-15 L/ha

## Boron

Fruit with boron deficiencies exhibit small areas of depressed corky flesh giving the fruit a bumpy finish. These corky cells can eventually cause the fruit to crack. There are no obvious signs in the foliage when boron is lacking.

## Supa Bor (4% N, 10% B)

*High analysis boron supplement.*

Foliar Rate: 1.5 -2 L/ha

Fertigation Rate: 2 - 3 L/ha

## Calcium

Calcium is essential for shelf life and fruit quality.

## Grocal MGB:

Enhanced uptake source of calcium, with added magnesium and boron.

Foliar Rate: 7-10 L/ha

Fertigation Rate: 10-15 L/ha



**These products will help pome and stone fruit growers maximise yields and fruit quality of their crops!**

