



agrovista
fruit

Post harvest nutrition treatments

for top and stone fruit

growing through
innovation

It is essential that trees receive good levels of nutrition during the period between harvest and leaf-fall to ensure they develop the best possible fruit bud for next season.



Foliar feeds: apple and pear

Agrovista recommends the following foliar applications in all apple and pear orchards; two applications of the following:

Agrovista Foliar 16-8-2 3-5l/ha
Omex MicroMex 1-3l/ha

The first application should be made immediately post harvest and the second 10-14 days later. With both applications, add -> **5l/ha inhibited urea** to improve uptake.

You should also make applications of ground-applied nitrogen to all apple orchards (not pear) immediately post harvest.

In addition, foliar applications should also address any nutrient deficiencies that were noted earlier in the season.

Ground applied fertiliser: apple

Cox, Bramley, Braeburn and other bitter-pit sensitive varieties should receive **2-300kg/ha of calcium nitrate**. Apply to Braeburn after first pick, do not wait until end of harvest. In extremely heavily-cropping orchards, the dose can be increased by up to 30%.

Orchards of **Gala and other dessert varieties which regularly crop heavily** (50 t/ha+) should receive **100kg/ha of ammonium nitrate**. For orchards which have had lighter crops this may be reduced or omitted altogether. Please contact your Agrovista agronomist to determine the correct option.

Please note that all of these ground fertiliser rates are broadacre rates, but should be applied only to the herbicide strip.

Foliar feeds: stone fruit

Agrovista recommends the following foliar applications in all plum and cherry orchards; two applications of the following:

Agrovista Foliar 16-8-2 3-5l/ha
Omex MicroMex 1-3l/ha

The first application should be made immediately post harvest and the second 10-14 days later. With both applications, add **5l/ha inhibited urea** to improve uptake.

In addition, foliar applications should also address any nutrient deficiencies that were noted earlier in the season.

Ground fertiliser: stone fruit

Apply before the end of September either of:

- 250kg of calcium nitrate/ha, if only applied to the herbicide strips then reduce to 70% of this rate
- 130kg of ammonium nitrate, if only applied to the herbicide strips then reduce to 70% of this rate

Trees with moderate crops (6-8t) apply either of:

- 170kg of calcium nitrate/ha, if only applied to the herbicide strips then reduce to 70% of this rate
- 85kg of ammonium nitrate, if only applied to the herbicide strips then reduce to 70% of this rate

Trees with low crops and young cropping trees apply either of:

- 125kg of calcium nitrate/ha, if only applied to the herbicide strips then reduce to 70% of this rate
- 65kg of ammonium nitrate, if only applied to the herbicide strips

Fertigation: stone fruit

- Needs to be finished before the end of September
- Apply the total over several fertigation events

Trees that carried heavy crops (10t)

- 150kg of calcium nitrate/ha
- Alternatively 100kg of Agrolution Special 23-10-23 or 120kg of Kristalon Blue/ha

Trees that carried moderate crops (6-8t/ha)

- 100-125kg of calcium nitrate/ha
- Alternatively 65-80kg of Agrolution Special 23-10-23 or 80-100kg of Kristalon Blue/ha

Trees with low crops and young cropping trees:

- 80-100kg of calcium nitrate/ha
- Alternatively 50-70kg of Agrolution Special 23-10-23 or 60-85kg of Kristalon Blue/ha

Apply the quantities over several irrigation events and use as little water as possible.





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