



Knowledge grows

YaraVita™ ZINTRAC™

YaraVita ZINTRAC™ is a highly concentrated flowable zinc formulation containing 8 to 10 times more zinc than a typical liquid chelate and 3 to 4 times that of sulphate or nitrate based liquids.

Product Characteristics

Zinc (Zn)	70% w/v	700 g/L
Nitrogen (N)	1.8% w/v	18 g/L

Features & Benefits

The product is specifically formulated to provide maximum crop safety. This helps to ensure that application will not cause damage to the crop which can reduce its market value.

The fluid formulation makes it easy to measure, pour and mix the product in the spray tank, whilst giving the highest nutrient content.

The purity of raw materials selected for this product makes it safe for application to the crop and helps ensure that the harvested produce will not be rejected at any point in the supply chain.

A controlled particle size gives quick uptake and long lasting effect. This reduces the need for repeat applications saving both time and money.

A broad tankmixability makes it easy to co-apply the products with agrochemicals, saving both time and money. Just as important, free access to Tankmix information online or via smart phones makes it quick and easy to check whether products can be co-applied.

Nutrients

Zinc (Zn)

Zinc is essential for root development and at crop emergence due to its role in auxin (growth hormone) synthesis. Auxins control the growth of plants by affecting cell and stem elongation. Zinc also plays a specific role in flower fertilisation and an inadequate supply during seed set could result in a reduction in seeds formed and smaller than normal fruit or grain.

Nitrogen (N)

Protein Nitrogen is by far the largest fraction of Nitrogen in the green plant; nitrogen plays a key role in nucleic acid formation, amino acid and protein synthesis. Nitrogen also has a key role in chlorophyll and ATP synthesis.

Why Foliar Apply?

Foliar sprays ensure precise application of the right nutrient mix at the right time, and can be specifically targeted to the leaf or fruit, to suit an immediate crop need.

Foliar application also provides nutrients for immediate uptake by the leaves or fruits.

As a result, the grower is not reliant on the right soil, pH or growing media conditions and can quickly put the crop back on course.



Recommendations for use

Always consult the product label before use.

Crop	Application Rates (l/ha)	Application timing	Water Rates (l/ha)
Beans	0.5 - 1	Apply when crop is 5 to 15cm tall.	50 - 200
Canola	0.3 - 1	Applied at the 4 to 9 true leaves.	50 - 500
Cereals	0.3 - 1	From 2 leaf stage to first node detectable (Zadok's G.S 12 to 31).	50 - 200
Chickpeas	0.5 - 1	Applied when the crop is 5 to 15cm tall. For severe deficiency, repeat applications at 10 to 14 day intervals.	50 - 200
Cotton	0.33 - 1	3 to 4 weeks after emergence. Repeat as required with 10 to 14 days between treatments.	50 - 200
Eucalyptus	1 - 2	Apply during spring or autumn flush.	20 (minimum)
Lucerne	0.33 - 1	Applied to early season regrowth. Repeat 2 to 3 weeks later at the same rate.	30 - 200
Lupins	0.5 - 1	Apply when plants are 5 to 15cm tall.	50 - 200
Maize	0.3 - 1	Apply from 3 to 4 leaf stage.	50 - 200
Olive	1	Applied at bud break and again at the opening of the calyx.	500
Peas	0.5 - 1	Apply when crop is 5 to 15cm tall.	50 - 200
Rice	0.5 - 1	Applied at the start of tillering and again at panicle initiation.	50 - 200
Safflower	0.3	Apply when sufficient leaf cover to intercept spray. Avoid flowering.	50 - 200
Sorghum	0.3 - 1	Apply from 3 to 4 leaf stage.	50 - 200
Soybean	0.5 - 1	Apply when crop is 5 to 15cm tall.	30 - 200
Sugar Cane	1	Apply when plants are 60 to 120cm tall. Repeat applications at the same rate may be necessary.	250 - 350
Sunflower	0.5 - 1	Apply from the 2 pairs of leaf stage.	50 - 200
Soil Application, All Crops	Up to 4 l/ha		50 (minimum)

Seed Treatment Recommendations

Always consult the product label before use.

Crop	Application Rates
Canola	10 to 60 litres per tonne
Cereals	4 litres per tonne
Chickpeas	4 litres per tonne of seed
Cotton	12 litres per tonne of seed
Lentils	4 litres per tonne of seed
Maize	6 to 8 litres per tonne of seed
Peas	4 litres per tonne of seed
Rice	6 to 8 litres per tonne of seed
Sunflower	20 litres per tonne of seed

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While Yara Australia has taken all reasonable care in the preparation of this Technical Sheet, the information is a guide only. It is advised that potential users read the products Safety Data Sheet prior to using the product, which is available on www.yara.com.au. There are no warranties, express or implied by operation of law or otherwise, including but not limited to any warranty as to merchantability or fitness for any particular purpose.

