

# Nutri-Key Zinc Shuttle™

Zinc offers the most pronounced dollar for dollar response of any trace element.

Zinc controls the production of auxins - plant promotants which govern leaf size. Leaf size determines the efficiency of photosynthesis, so in this context, zinc is arguably the most important of the trace elements. Certainly it can give the most cost-effective response of any trace element. Nutri-Key Zinc Shuttle™ is a high analysis chelated zinc, suitable for all situations in horticulture.

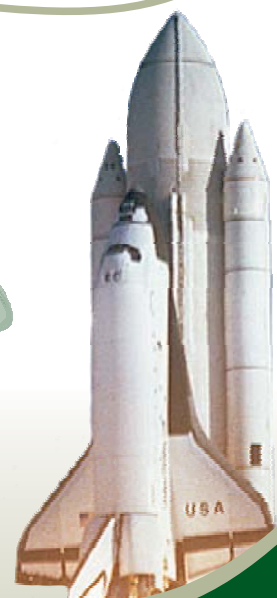
## Benefits

- Sequesters, chelates and delivers more nutrition than previously possible.
- Small molecular size increases chelation speed.
- Reduced stability problems.
- In soil situations, Nutri-Key Zinc Shuttle™ can continue to operate beyond the original quantity dosed, complexing and converting other dormant ions into useable plant foods (especially in soils with low microbial activity).
- Also serves as a carbohydrate-based microbial stimulant.



## PACKAGING

1 L, 5 L, 20 L, 200 L, 1000 L  
Product Code: NKZNS



# Nutri-Key Zinc Shuttle™

## Application Rates

### Foliar:

Minimum Dilution 1:100

#### Small Crops, Turf & Vines

1 - 3 L per ha

#### Orchard Crops

3 - 5 L per ha

#### Broadacre

0.5 - 1 L per hectare

### Soil Application:

3 - 5 L per ha

### Seed Treatment:

2 L per tonne of seed

## Functions of Zinc

- An essential component of many enzymes.
- Linked to the growth hormone auxin. Low auxin levels cause stunting of leaves and shoots.
- Plays an important role in the formation and activity of chlorophyll.
- Involved in the rate of protein synthesis.
- Important for carbohydrate metabolism.

## Typical Analysis w/v

Zinc.....	8.0 %
Iron .....	4300 mg/L
Manganese .....	1600 mg/L
Copper.....	450 mg/L
Boron .....	750 mg/L
Molybdenum .....	120 mg/L
Magnesium .....	630 mg/L
Cobalt.....	60 mg/L
Silicon .....	420 mg/L
Calcium .....	100 mg/L
Sodium.....	0.51 %
Sulphur .....	5.81 %
Potassium (as fulvate) .....	0.25 %
Potassium (as silicate) .....	0.04 %
Total Potassium.....	0.29 %
Total Nitrogen (as organic N) .....	0.68 %
Carbon (as Shuttle Chelate).....	6.57 %
pH.....	4 - 6
Conductivity .....	22 - 33 mS/cm
Specific gravity .....	1.41
Solubility .....	100 %
Appearance:	Brown liquid

## Miscellaneous

- Use Nutri-Tech Plant Therapy™ to determine mineral requirements.

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