

# ZINC

# NITRO

Reg. No. K 11 037 Act No. 36 of 1947  
Fertilizer Group 2

**Zinc Nitro** is a water soluble liquid fertilizer containing readily available zinc and formulated for use to prevent and correct zinc deficiencies and disorders in crops as listed.

## ACTIVE INGREDIENTS

Zinc (Zn)	158 g/L	120 g/kg
Nitrogen (N)	67 g/L	51 g/kg

SG (@20°C) = 1.31 ± 0.02

Version: Sept 2020

SEE ENCLOSED FOR FULL DETAILS >>>  
SEE CONTAINER FOR BOTH BATCH NO. AND MANUFACTURE DATE.  
PRODUCT EXPIRES 2 YEARS AFTER DATE OF MANUFACTURE.

MANUFACTURED, REGISTERED & SUPPLIED BY:  
INTROLAB CHEMICALS (PTY) LTD (Reg. No. 2005/039779/07)  
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 **Introlab**  
outperform the norm



## PRODUCT DESCRIPTION:

- **Zinc Nitro** is recommended for use during all plant growth stages and where zinc applications are required
- **Zinc Nitro** is readily absorbed by the plant.
- **Zinc Nitro** is suitable for foliar feed and fertigation applications.

## COMPATIBILITY:

- **Zinc Nitro is compatible with most pesticides, fungicides and liquid fertilizer combinations, do NOT mix Zinc Nitro with phosphate containing fertilizers or highly alkaline products.**
- **Zinc Nitro** could lower the pH of the spray water, therefore the use of a suitable buffer is recommended when using **Zinc Nitro** in combination with pH sensitive remedies.
- It is however advisable to do a miscibility test prior to mixing **Zinc Nitro** with other agricultural products.

## MIXING INSTRUCTIONS:

- Shake container thoroughly before use.
- Follow the standard tank mixing procedure if this product is applied in combination with other agricultural products.
- Ensure good agitation throughout application.

## STORAGE:

- Store in the original, well-sealed container away from direct sunlight in a cool dry environment.
- Keep away from children, untrained people, animals and foodstuffs.

## APPLICATION INSTRUCTIONS:

- **Zinc Nitro** can be applied as both a foliar or soil application.
- **Zinc Nitro** is recommended for use during:
  - Periods of high biotic and abiotic stress
  - Germination, transplanting, bud formation, fruit set, rapid fruit developmentCrop periods where zinc demand is high
- **Zinc Nitro** should preferably be applied in the early morning late afternoon.
- Do not apply to plants undergoing a period of moisture or heat stress.
- Consult your chemical distributor, consultant or the registration holder should crop specific programmes be required, or if any additional information and guidance is required concerning the use of this product.
- For optimum results **Zinc Nitro** should be used in a balanced plant nutrition programme.
- For best results, apply on crops growing actively and with multiple applications.
- Ensure good even coverage of the plants.
- The rate of application is dependent on the plant growth stage, stress levels and reaction required. The lower rates should be used for maintenance while higher rates should be used during severe periods.
- Note that some crops are sensitive, and incorrect application can damage plants.

## WARNING:

- Handel with care.
- Do not re-use the container for any other purpose.

## DIRECTIONS FOR USE (USE ONLY AS DIRECTED)

Use lower rates as maintenance and higher rates to correct deficiencies.  
Always consult your chemical advisor first before applications.

CROP	RATE/100L WATER	REMARKS
<b>Subtropical Fruit Trees</b>  e.g Avocados, Citrus and others	50 – 75 ml	i Commence at spring on young foliage ii. Apply as cover spray iii. In severe deficiencies repeat applications. Apply in 4000 – 5000 liter water/ha.
<b>Nut Trees</b>  e.g Pecan, Macadamia and others	50 – 75 ml	i Commence at spring on young foliage ii. Apply as cover spray iii. In severe deficiencies repeat applications. Apply in 500 – 1000 liter water/ha.
<b>Field Crops</b>  e.g Maize, wheat, barley and others	250 – 500 ml/ha	i Apply during early growth stages of crop. ii. On severe deficiencies repeat applications in 7 – 14 day intervals. Apply in 200 - 400 L water/ha.
<b>Vegetable crops</b>  e.g Onions, potatoes, carrots and others	250 – 500 ml/ha	i Apply during early growth stages of crop. ii. On severe deficiencies repeat applications in 7 – 14 day intervals. Apply in 200 - 400 L water/ha

## WARRANTY:

Although this product has been extensively tested under large variety of conditions the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal climatic conditions as well as method, time and accuracy of application.