GROW CITRUS™

FOLIAR SPRAY TO PROMOTE GROWTH

DESCRIPTION

GROW CITRUS™ is a dry, highly soluble, multi-element foliar fertilizer for application on citrus.

KEY BENEFITS

- Contains 10 essential nutrients
- Has multi-functional uses:
  - To maintain optimum nutrient concentrations in the crop
  - To correct multi-elemental deficiencies
  - Promotes both vegetative and reproductive growth
- Highly soluble, easy to mix and to apply
- Suitable for use with other water soluble micronutrient fertilisers

N	4%	B	0.15%
P	34%	Fe	1%
K	8%	Mo	0.03%
Mg	3.50%	Zn	1%
S	4%		

POSITIONING AND FUNCTIONS

GROW CITRUS™ is a foliar fertilizer formulated specifically for citrus trees and contains a wide range of macro- and micronutrients.

GROW CITRUS™ has a broad range of applications and can be applied frequently to maintain optimum nutrient concentrations throughout the season and during growth spurts. If the crop is deficient in more than one essential element, GROW CITRUS™ is the ideal foliar product to rectify the deficiencies. Due to the versatility of this product, it can be used to support vegetative growth and to improve flower initiation and fruit set during reproductive growth. Stress conditions in citrus caused by deficiencies in plant nutrients can cause an increase in flower and fruit drop, which in turn can initiate alternate fruit bearing.

Therefore, for optimal flowering, it is important to ensure ideal nutrient concentrations in the tree during the flower initiation and cell division period. GROW CITRUS™ is recommended when citrus trees have a high nutrient requirement, e.g. at budburst. The product also assists in the formation of sugars to increase the carbohydrate levels, thereby helping to mitigate alternate bearing.

CONTAINS

(N% - P% - K%)

(4 - 34 - 8)

REGION
USA

TYPE
Water-soluble

APPLICATION
- Foliar

NET WEIGHT
50 LBS (22.68kg)

CROPS
- Grapefruit
- Lemons and limes
- Mandarins
- Oranges

Agri Technovation
Specialized to succeed

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CONTAINS

N Nitrogen (N) is mostly required at the pre-bloom and fruit set to fruit drop stages in citrus and plays a vital role in vegetative growth and development of fruit.

P Phosphorous (P) is essential for cell division, growth and fruit bearing, and plays a crucial role in sugar and starch formation and the transport of carbohydrates in citrus.

K Potassium (K) is involved in the activation of numerous enzyme reactions responsible for the synthesis of proteins and starches in plants.

Mg Magnesium (Mg) plays an important role in activating enzymes involved in respiration, photosynthesis, and nucleic acid synthesis. It also facilitates the translocation of carbohydrates.

S Sulfur (S) is an essential element in forming proteins, enzymes, vitamins, and chlorophyll in plants. Sulfur is also a constituent of several amino acids and vitamins found in plants.

Fe Iron (Fe) is only required in small quantities but is important for the synthesis of proteins.

Cu Copper (Cu) acts as a structural element in regulatory proteins and participates in photosynthetic electron transport, mitochondrial respiration, oxidative stress responses, cell wall metabolism and hormone signalling.

Mo Molybdenum (Mo) is a micronutrient that is directly involved in the metabolic functions of nitrogen in the plant. It is also essential for plants as several enzymes use it to catalyse important reactions.

Zn Zinc (Zn) is an essential nutrient for young active growing leaves and floral development. Zinc also plays a role in enzyme systems and metabolic reactions and is also necessary to produce carbohydrates.

B Boron (B) is involved in carbohydrate supply to active meristems, lignification of cell walls, nucleic acid synthesis and rate of respiration. Boron is therefore, involved in reproduction, growth, and maintenance of plant organs.

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