
TECHNICAL GUIDE



BORON AND NITROGEN DEFICIENCY CORRECTOR

A highly soluble effective and cost efficient foliar fertilizer as Boron and Nitrogen deficiency corrector

Declared Active Ingredients

Water soluble boron (B) 150 g/L + Nitrogen as ammonium 63 g/L

Correction of boron deficiency

Boron decreases the abortion of flowers and fruits and is essential in protein synthesis. It is necessary in pollination and facilitates the transport of sugars from the leaves to flowers and fruits. Promotes division and cell elongation and facilitates the metabolism of other nutrients

Correction of nitrogen deficiency

Nitrogen (N) is one of the most abundant elements in plants, as it is a major component of proteins. The amount of nitrogen required by a crop is large compared with the natural nitrogen reserves in most soils, and so most crops respond positively to additional nitrogen, whether from animal manures or inorganic fertilisers such as urea. However, this pattern does not always hold for various crops. Deficiency of nitrogen causes dramatic reductions in growth of plants during their vegetative growing stage. General symptoms are a uniform light green chlorosis of the leaves, and slow growth resulting in a delayed or sparse ground cover.



VITABOR GOLD® is a highly soluble, effective and cost efficient foliar fertilizer containing readily available Boron and Nitrogen for the plant. Its formulation includes the necessary additives for a perfect adherence in the leaves of the crops. It can be sprayed at all stages of plant growth, more so at flower bud formation for ornamentals, flowering and fruit set for crops as Coffee, flowers, mangoes and other fruits / flowers.

VITABOR GOLD® is necessary for cell wall formation, membrane integrity, and calcium uptake and may aid in the translocation of sugar. It affects at least 16 functions in plants including: Flowering, pollen germination, fruiting, cell division, water relationships and movement of hormones. VITABOR GOLD® helps in the use of nutrients, regulates other nutrients and aids production of sugars and carbohydrates.

Application Instructions

| Crop | Rate | Time of Application |
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| Flowers | Foliar spray or drip irrigation: 0.75 -1.5 lt/ha (15-30ml/20lt of water) | Apply 2-3 applications at monthly interval, starting as soon as plants are established |
| Coffee, Mangoes, Macadamia, Oranges, Avocado, Coffee, Citrus, Bananas, Pawpaw, Cereals, tomatoes, beans, peas, pepper, onion, etc | Foliar spray or drip irrigation: 1.0-1.5 lt/ha (20-30ml/20lt of water) | Apply before and after flowering stage to ensure adequate levels of boron for pollination. A spray of VITABOR GOLD® before flowering provides optimum fruit set and enables fruit retention throughout the season. It can be sprayed in early season & post-flowering for adequate bud development. |

VITABOR GOLD® brings you the following benefits in improving your crops quality

- Correct and prevent deficiencies of nitrogen and boron
- Increase crop resistance to diseases and weather stress
- Contains added nitrogen to assist plant uptake of boron
- Decreases toxic levels of nitrates due to Boron
- Can be applied with a wide range of other agrochemicals, reducing the number of spray application needed
- High concentration ensures high efficacy at reduced dose rates
- Free flowing formulation makes it easy to decant into spray equipment, mixing tanks and irrigation