



50/50 Mint[®] Micronutrient Tonic

What

50/50 Mint is a concentrated micronutrient treatment for turf, applied as a foliar spray, it is readily absorbed through the leaf which avoids the danger of mineral lock-up in the soil substrate. Provides the essential trace elements necessary for plant health, photosynthesis, root development and many plant metabolic processes.

50/50 Mint, Provides essential elements for;

- production of amino acids, enzymes, proteins vitamins and chlorophyll.
- Assists in the processing of DNA.
- Involved in seed production and germination.
- Osmosis
- Cell division, elongation, cell wall construction and cell bonding.
- Translocation of sugars and nutrients plus nitrate processing.

Why

50/50 Mint is rich in the essential trace elements which are essential for the plant from seed germination to seed or fruit production. An inexpensive source of the nutrients often dismissed when considering plant nutrition.

- **Iron (Fe)** – important for amino acids (protein Pre-cursors), enzymes and chlorophyll synthesis. Deficit will result in chlorosis and necrosis of the plant.
- **Boron (B)** – has many functions in the plant, effecting flowering, pollen generation, fruit production, cell division, and active salt absorption. Boron is also implicated in the movement of sugars through the plants cell membranes. Also, the metabolism of amino acids, proteins, carbohydrates, calcium and water are strongly affected. Deficiency results in thick short cells producing stunted growth.

- **Manganese (Mn)** – implicated in seed germination, plant maturity, photosynthesis and chlorophyll synthesis combined with nitrogen metabolism and protein formation. Deficiency can be manifested in plant colouration abnormalities such as discoloured spots on the foliage.
- **Chlorine (Cl)** – stimulates photosynthesis, and is important for osmosis and for maintaining the ionic balance.
- **Copper (Cu)** – activates several enzyme processes, assists in the formation of chlorophyll, involved in the production of lignin, seed production is necessary for photosynthesis. Deficiency typically is seen as chlorosis.
- **Zinc (Zn)** – has an important role in the processing of DNA, required for the manufacture of a large number of enzymes, proteins and growth hormones. Deficit is depicted by symptomatic stunted leaf growth caused by degeneration of the growth hormone *auxin*.

When

Ideal for all year-round application.

Application

50/50 Mint.

Apply at 300ml per 1000 m² in 20 to 60 Litres of water (3 litres per hectare in 200 to 600 Litres of water)

*Thomas Elliott
Selby Place
Stanley Industrial Estate
Skelmersdale
Lancashire
WN8 8EF
info@thomas-elliott.co.uk
01695 51863*

*Vitax Amenity
Owen Street
Coalville
Leicester
LE67 3DE
info@vitax.co.uk
01530 510060*