



Knowledge grows

# Increased Yields



## YaraVita™ CROP BOOST™

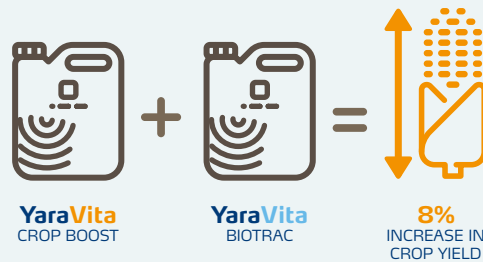
## in combination with YaraVita™ BIOTRAC™

When applied together to the crop, YaraVita BIOTRAC complements the nutritional effects of YaraVita CROP BOOST. Thanks to the unique combination of selected bioactive components and nutrients, YaraVita BIOTRAC activates the plant's metabolic processes to enhance nutrient use efficiency and tolerance to low temperatures. The two YaraVita products work in harmony to maximise the ability of YaraVita CROP BOOST to promote root and plant growth and efficiently use the plant's energy reserves.

18 days after application - 19.10.2021



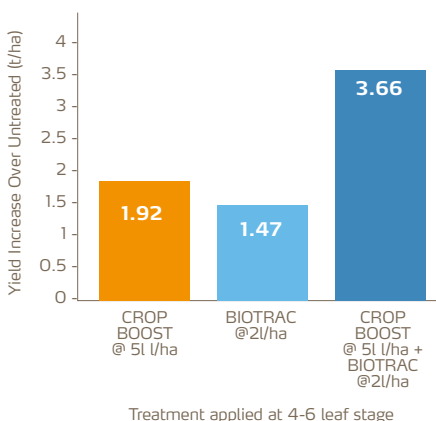
YaraVita CROP BOOST (5l/ha)  
+ YaraVita BIOTRAC (2l/ha)      Control



Recent trials show that **combining YaraVita CROP BOOST and YaraVita BIOTRAC can increase maize yields by 8%.**

### CROP BOOST plus BIOTRAC increased yields in 2021 by over 8%

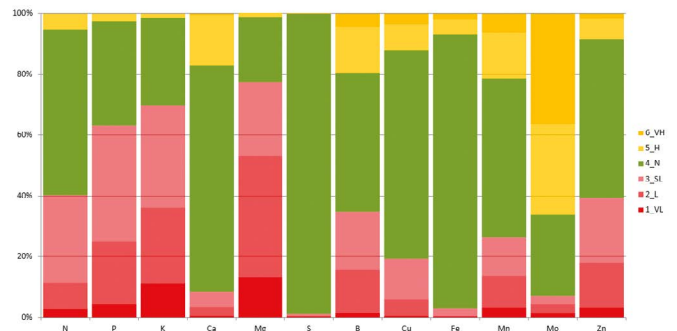
- Worth an extra £180 per Ha in yield.
- Giving a margin over input cost of £130/Ha and return on investment of 3.6:1



### Tissue analysis results from Yara Analytical Services - Maize Crops 2017 to 2022

Worth an extra £175 per Ha in yield.

- 60% deficient in P
- 70% deficient in K
- 75% deficient in Mg
- 40% deficient in Zn

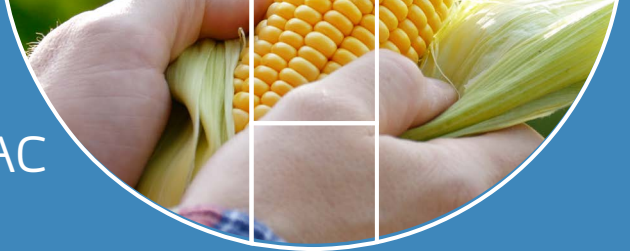


Other trace element deficiencies can be seen in maize, especially where little or no organic manures are applied. Key ones to look for would be Boron, Copper and Manganese. A foliar analysis should be carried out if unusual symptoms appear.

#### YaraVita CROP BOOST

440g/l P<sub>2</sub>O<sub>5</sub> = 44% w/v    75g/l K<sub>2</sub>O = 7.5% w/v    46g/l Zn = 4.6% w/v    40g/l Mg = 4.0% w/v  
**Recommended: Apply 5.0 l/ha at the 4-6 leaf stage.**

# Tank Mixing CROP BOOST & BIOTRAC



CROP BOOST & BIOTRAC can be tank-mixed with the majority of foliar sprays applied to maize. Always check with your agronomist, Yara Representative or at [www.tankmix.com](http://www.tankmix.com) before mixing.

**YaraVita CROP BOOST available in 1,000 litre IBC and 10 litre packs. YaraVita BIOTRAC available in 10 litre packs.**

## YaraVita BIOTRAC™

- A liquid formulation for foliar applications based on a blend of nutrients and bioactive components extracted from the algae *Ascophyllum nodosum*, vitamins and organic acids.
- It was developed to alleviate the impact of abiotic stress conditions (e.g. cold and drought) and help the plant during periods of high metabolic demand in order to enhance flowering, fruit set and improve yield quality and quantity.

### Composition

Organic matter components

Carbohydrates, sugar alcohols, amino acid/amino functional plant metabolites, organic acids, vitamins and anti-oxidants

Analysis

13g/l B = 1.3% w/v 13g/l Zn = 1.3% w/v 65g/l N = 6.5% w/v 27g/l K<sub>2</sub>O = 2.7% w/v  
117g/l Total Organic Carbon = 11.7% w/v

**Recommendation: Apply 2.0 lt/ha at the 4 to 6 leaf stage**

**Give your  
crops a  
bio-boost!**