



Knowledge grows

Increased Yields



YaraVita™ CROP BOOST™

in combination with YaraAmplix™ OPTITRAC™

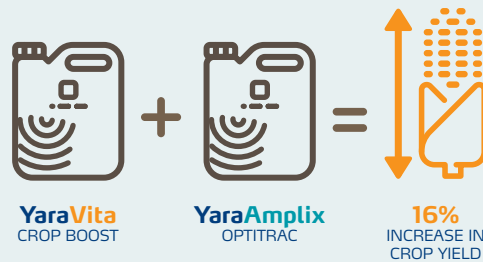
When applied together to the crop, YaraAmplix OPTITRAC complements the nutritional effects of YaraVita CROP BOOST. Thanks to the unique combination of selected bioactive components and nutrients, YaraAmplix OPTITRAC activates the plant's metabolic processes to enhance nutrient use efficiency and tolerance to low temperatures. The two 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)
+ YaraAmplix OPTITRAC (2l/ha)

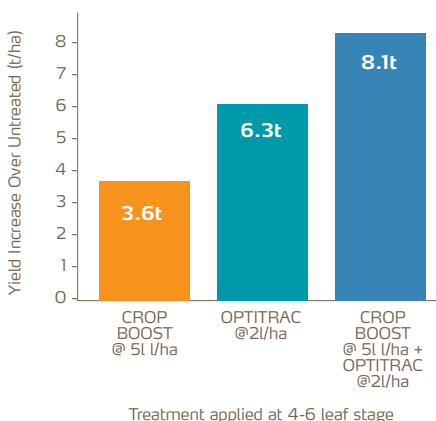
Control



Recent trials show that **combining YaraVita CROP BOOST and YaraAmplix OPTITRAC can increase maize yields by 16%.**

2023 trial CROP BOOST plus OPTITRAC increased yields of 16%

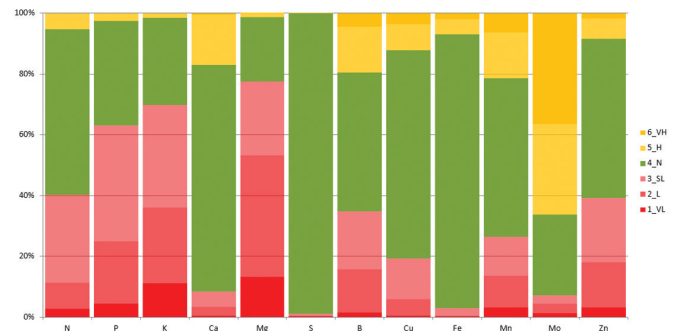
- Worth an extra £400 per Ha in yield.
- Giving a Margin over input cost of £350/ha and ROI of 8:1



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

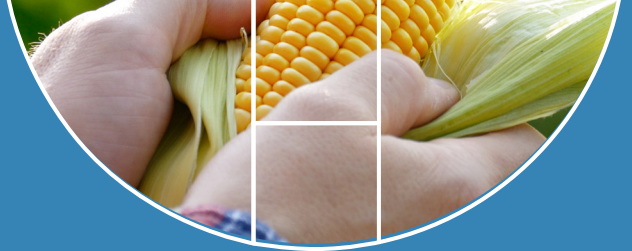


Other trace element deficiencies can be seen in maize, especially where little or no organic manures are applied. Key ones to look for would be Boron, Copper and Manganese. A foliar analysis should be carried out if unusual symptoms appear.

YaraVita CROP BOOST

440g/l P₂O₅ = 44% w/v 75g/l K₂O = 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 & OPTITRAC



CROP BOOST & OPTITRAC 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 before mixing.

YaraVita CROP BOOST available in 1,000 litre IBC and 10 litre packs. YaraAmplix OPTITRAC available in 10 litre packs.

YaraAmplix OPTITRAC™

- 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 K₂O = 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!**