



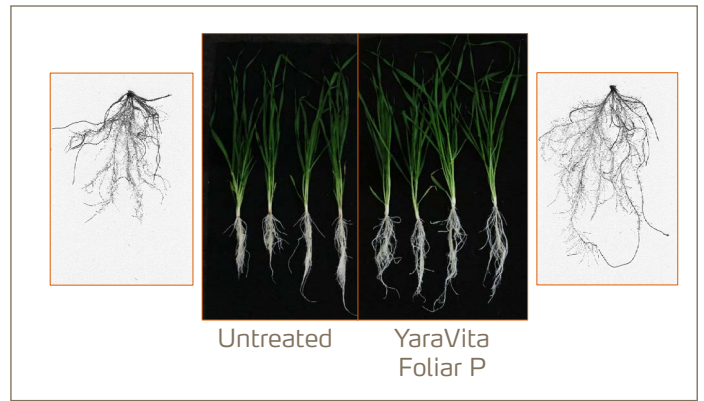
Knowledge grows



Maximise your winter cereal yield and profitability with YaraVita CROP BOOST followed by YaraVita GRAMITREL



Effect of YaraVita Foliar P on barley plants 7 days after application



Applying foliar phosphate directly to the leaf stimulates rooting as it bypasses the negative soil interactions

Fig 1.
Cold Soils Reduce P Availability

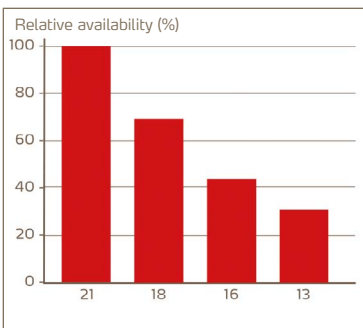


Fig 2.
Phosphate immobile in soil and needs to be close to the roots

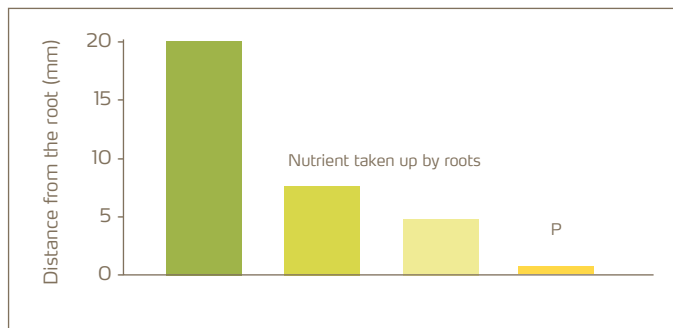
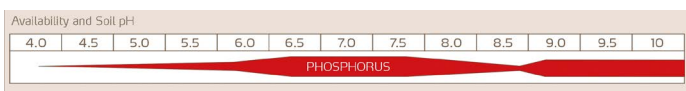


Fig 3.
Incorrect soil pH can have a severe negative impact on phosphate availability



Key nutrient functions in cereal crops



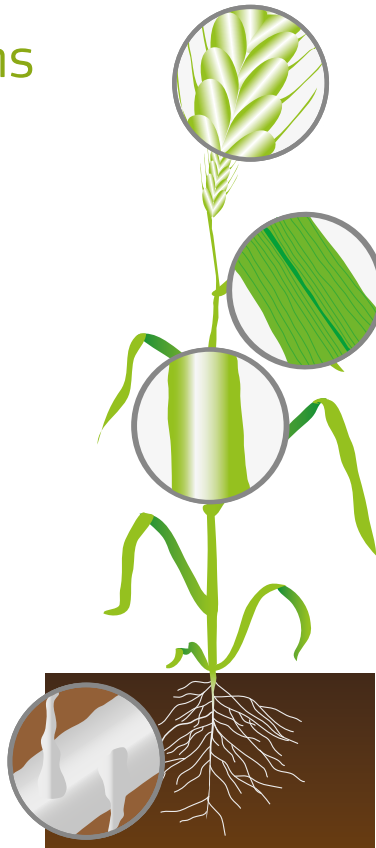
Correct grain development

Copper's role in lignification enables pollen release increasing fertilization and reducing the incidence of "blind grains"
Optimum Zinc status during seed set can result in increased grain number and size



Good plant structure

Optimum Copper promotes lignification, decreasing the susceptibility of lodging, particularly with high Nitrogen supply.
Optimum Zinc promotes auxin levels, which results in optimum canopy development



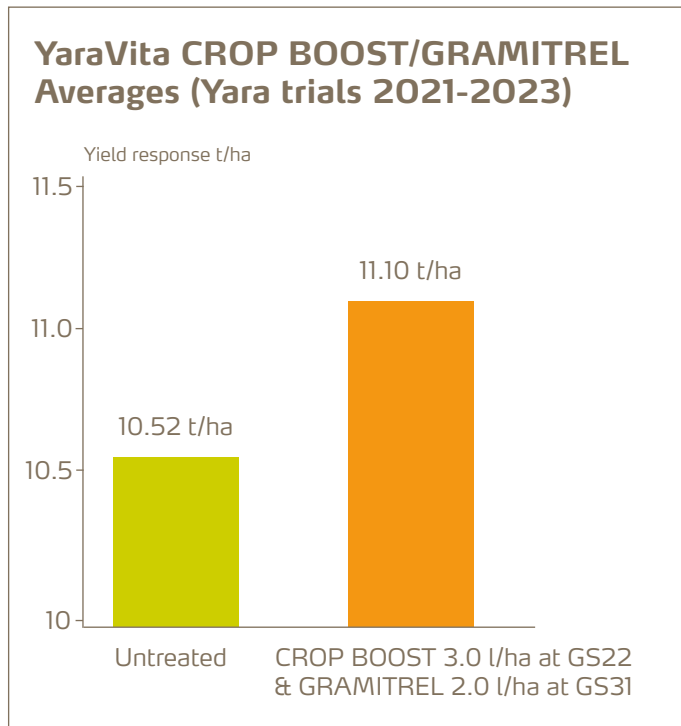
Green leaves

Magnesium is a key component of chlorophyll, optimum supply drives photosynthetic activity in the leaf. Manganese and Zinc play key roles in the production of chlorophyll and photosynthesis



Healthy roots

Optimum Manganese ensures high lignin content in the roots which increases resistance to root infecting pathogens



Application

3.0 l/ha CROP BOOST at GS22 followed by 2.0 l/ha GRAMITREL at GS31

Average yield increase **0.58 t/ha**

MOIC = **£77/ha**

ROI = **3.5:1**



DO NOT TANK MIX CROP BOOST AND GRAMITREL TOGETHER