

fluid focus

product information



Fluid focus No. 16

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Give your crop a vitamin hit with Supa Trace Advance

Do you want to maximize the yield potential of your crops? Your N, P and K requirements may be correct but are you unsure about your trace elements?

Adequate trace element levels in cereal and oil crop production is essential for those crops to achieve their highest possible yield potential. In the majority of cases most growers have their N, P K and S requirements under control but find that their yield is limited due to a deficiency in a trace element or a number of trace elements. It only takes one trace element to be limiting to affect the entire yield of a crop.



Agrichem's Supa Trace Advance is a multi vitamin treatment for your crop. Supa Trace Advance contains 9 essential nutrients (NPK 3-0-0, 4.8% S, 1.8% Zn, 1.6% Fe, 1.4% Mg, 1.3% Mn, 0.6% Cu, 0.03% Mo, 0.6% B) that are complexed (lightly chelated) in a unique blend that will ensure that the crop reaches its full potential. Supa Trace Advance can be mixed with your next herbicide application or with your UAN top up.

Trace elements are an essential part of the formula for growing all crops. Micronutrients perform enzymatic functions within the plant. They are essential for:



- Photosynthesis (Zn, Mn, Cu, Fe)
- Sugar formation and translocation (Bo)
- Nitrate transformation in legumes (Mo)
- Ionic buffer in plants (osmotic pressure) (Cl)
- And many more...

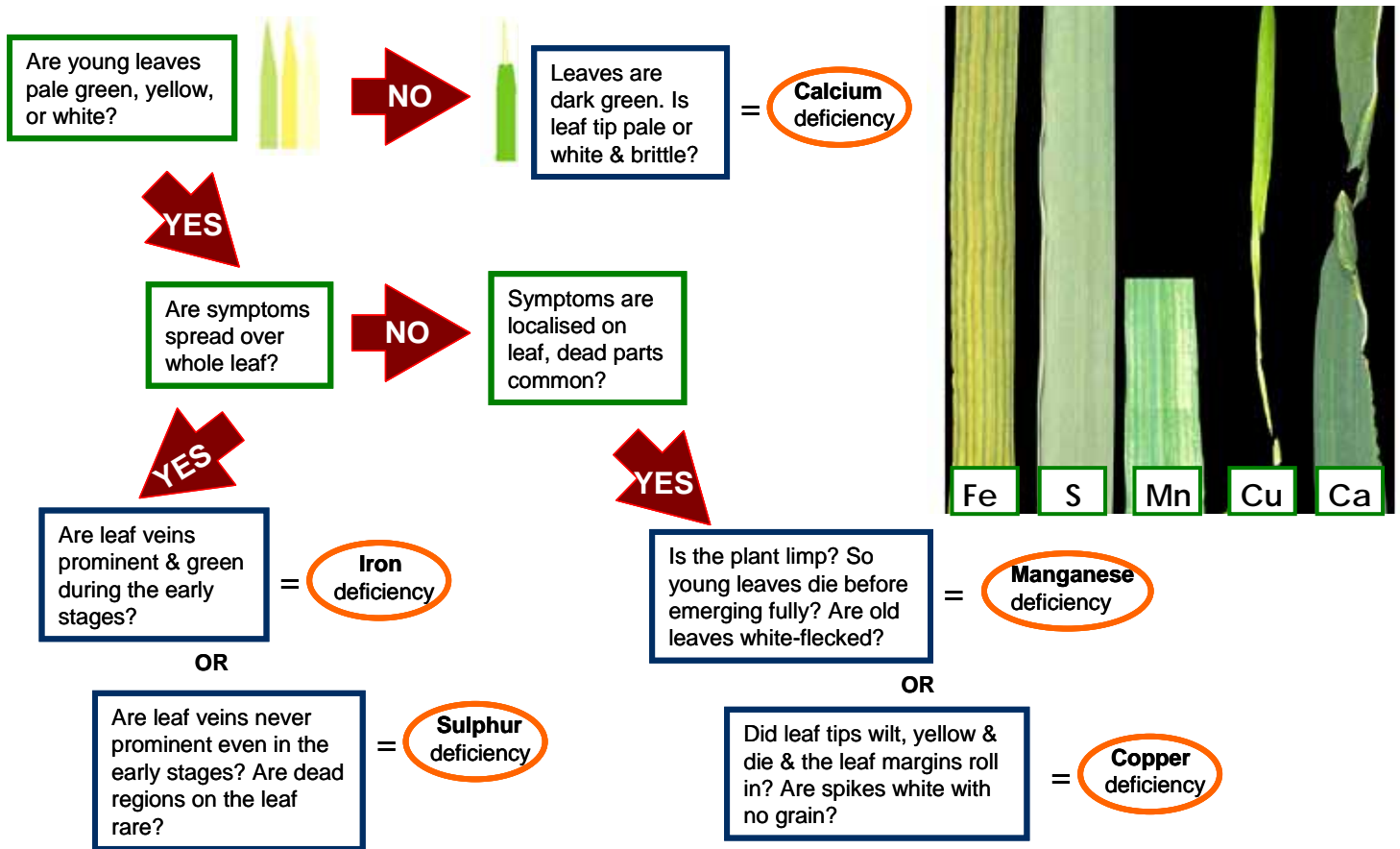
Trace element fertilisers are commonly incorporated with the seed at sowing however, deficiencies that show up post emergence can be alleviated with foliar sprays. Dr Bowden of the Department of Agriculture WA noted in a GRDC media release (10/8/05) that "Zinc and molybdenum should be used by the crop before tillering ends, while manganese can be useful as late as early stem elongation". The research also showed that copper sprays can still be effective as late as ear emergence, as they improve pollination in deficient crops whilst manganese sprays were also effective post tillering, although nothing beats having adequate manganese available in the soil.



Do you have a deficiency that is difficult to diagnose? No time for a leaf test?

Sometimes leaf tests can be too timely when your application window is closing, this is when simple visual diagnosis tools are vital. Trace element deficiencies can be more difficult to identify as most people are unfamiliar with their symptoms.

Fig .1: Symptoms on young leaves, recently expanded and expanding (Wheat)



Grower Testimony

Barry Hines, Grain farmer, SA.

Barry used Supa Trace Advance @ 3L/ha in preference of his usual trace element fertiliser. He "found that the product was far easier to use" and he "noticed a quicker response after application than his normal treatment."

For further information regarding the compatibility or rates of application of Supa Trace Advance please contact your local agrichem area manager or our agronomy team.

