



The Benefits of Nutritional Seed Dressings

Nutritional seed dressings are a quick and effective way to apply micronutrients directly to seed, providing early nutrition that helps support root and plant growth prior to the plant growing a developed root system to access nutrient from the soil profile.

For example, a well formulated zinc seed treatment will be highly active in the soil to assist the plant to produce growth hormones necessary for vigorous early root and leaf growth. A five tonne wheat crop requires around 460g of zinc, this is not achieved through seed dressings alone, so consider a follow up foliar application of zinc post-crop emergence to meet the needs of your crop.



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Technical Crop Nutrition Manager

Zinc Benefits to a Germinating Crop

Zinc is one of the most critical micronutrients as it is involved in over 300 enzyme functions that facilitate metabolic activity and overall plant function, and is especially important for the efficient use of nitrogen. Zinc is also the catalyst for the production of auxin, which is the growth hormone responsible for root growth and development.

Zinc and phosphate are major components of Adenosine Triphosphate (ATP), which is the energy source of the developing seedling. Zinc is a potassium synergist, i.e. it assists by increasing potassium uptake in the plant which then increases the plants drought tolerance by reducing water loss and increases frost resistance.

Zinc seed dressings have been used on soils with known Rhizoctonia problems with positive results, assisting in developing vigorous root growth, when applied with a good quality fungicide.

Speak to your agronomist about the nutritional seed dressing options available from the Loveland Agri Products range or visit www.loveland.nutrien.com.au for more information.



EzyFlow Nano Zinc

EzyFlow Nano Zinc is a highly concentrated liquid trace element formulated using micronised particles to improve nutrient uptake and aid in early plant vigour.

EzyFlow Nano Zinc contains kelp extracts making it a highly effective germinator for vigorous root and early leaf growth.



Awaken ST

Awaken ST is powered by Zinc Ammonium Acetate (ZAA) with potash, and a balanced micronutrient package including: Zinc, Boron, Copper, Iron, Manganese and Molybdenum to maximise the yield potential of your crop.

Alternative seed treatments from the EzyFlow Nano range include EzyFlow Nano Triple, Trace and Zincman. For product compatibilities with other seed treatments, consult your agronomist with specific details prior to application.



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