



Molybdenum

Tech Sheet

THE TECHNOLOGY

Vantage Ag - Molybdenum, is an enhanced plant nutrient formulation derived from our proprietary reacted liquid Quantum Ag technology. Our liquid Molybdenum is a sub-nano particle formulation designed to cover and penetrate plant tissue quickly and efficiently. Our reacted liquid technology allows for nutrients to be highly bio-available and quickly absorbed and metabolized by the plant. The low amount of actual Molybdenum allows for excellent crop safety and a more sustainable option.

MOLYBDENUM NUTRITION

Molybdenum is an essential component in two enzymes that convert nitrate into nitrite (a toxic form of nitrogen) and then into ammonia before it is used to synthesize amino acids within the plant. It is also needed by symbiotic nitrogen-fixing bacteria in legumes to fix atmospheric nitrogen. Without sufficient molybdenum plants accumulate nitrate in their leaves, but cannot use it to make proteins for normal growth. The plant becomes stunted and the leaves show symptoms of nitrogen deficiency, appearing pale green or yellowish green in colour between the veins.

APPLICATION

This product is designed to be used foliarly when Molybdenum may be deficient. This product can be mixed with herbicides and fungicides. Consult label for specific application instructions and always conduct a jar test. Rates on crops on the prairies are 10mL to 25mL per acre.

The results pertain to physical compatibility and cannot predict changes in crop protection, product efficacy or crop tolerance. Test all crop protection products applied at high end of recommended rates.

PHYSICAL CHARACTERISTICS

DO NOT ALLOW PRODUCT TO FREEZE - product will become inactive.

*Product registration pending.

Analysis	4% Molybdenum
Ph	< 1
Appearance	White Liquid
TDG	Class - Corrosive

**QUANTUM
MATRIX™**
TECHNOLOGY

A BETTER WAY TO GROW
www.vantage.ag