

What is Magnesium Oxide/MgO/magnesia ?

Magnesium Oxide Fertilizer/crop nutrient supplement/agriculture

Plants must obtain the following mineral nutrients from their growing medium: **the macronutrients**: nitrogen (N), phosphorus (P), potassium (K), calcium (Ca), sulfur (S), **magnesium** (Mg), carbon (C), oxygen (O), hydrogen (H) , **the micronutrients (or trace minerals)**: iron (Fe), boron (B), chlorine (Cl), manganese (Mn), zinc (Zn), copper (Cu), molybdenum (Mo), nickel (Ni).

Soils where large amounts of potassium (K) have been applied, repeatedly, are low in magnesium. High application of potassium or ammonium fertilizers often heightens magnesium deficiency. High cations concentration interferes with Magnesium uptake. This interference generally does not occur where soils contain more exchangeable Magnesium than exchangeable potassium.

One symptom of magnesium deficiency is low-yielding crops, where plants set fewer pods, containing fewer seeds, hence reduced grain yields. Nordfeed Magnesium Oxide is useful in correcting magnesium deficiencies in a wide variety of soils and crops.

Soil acidification is a natural process that is increased by normal production practices, particularly the use of nitrogen fertilizer and manure. High levels of soil acidity can reduce root growth, reduce nutrient availability, and affect crop protectant activity. Water-soluble magnesium is developed in the soil as Nordfeed Magnesium Oxide is broken down by the action of soil acids to furnish available magnesium, and neutralize acidity.

Nordfeed Magnesium Oxide offers a good nutrient source for blending of mixed fertilizers due to its high concentration of magnesium.

For more information, please visit product page;

<http://www.nordfeed.com/magnesium-oxide.html>