



# NACHURS® 10% Molybdenum

## PREMIUM LIQUID MICRONUTRIENT



**NUTRIENTS SUPPLIED (pounds per gallon):**  
**Molybdenum (Mo)..... 1.0**

**Derived from:** sodium molybdate dihydrate.

Micronutrient for the prevention and correction of micronutrient deficiency.

### PRODUCT PROPERTIES:

**Analysis:** 10% Mo  
**Weight:** 10.2 lbs. per gallon  
**Specific gravity:** 1.23 kg/L  
**pH:** 8.0 – 9.0  
**Appearance:** nearly colorless liquid

### GENERAL PRODUCT INFORMATION:

**NACHURS® 10% Molybdenum** liquid nutrient is intended for the prevention or correction of molybdenum deficiencies. **NACHURS® 10% Molybdenum** can be used on traditional row crops, fruit and vegetable crops, tree crops, turf and ornamentals. **NACHURS® 10% Molybdenum** can be applied directly to the soil, applied as a foliar or in fertigation, and may be applied by adding it to liquid fertilizers products.

Always consult companion product labels when mixing **NACHURS® 10% Molybdenum** and check for compatibility before tank mixing.

**FIRST AID:** Please see SDS sheet for more information, call (800) 622-4877 or visit us online at [www.nachurs.com](http://www.nachurs.com).

CAUTION: THIS FERTILIZER IS TO BE USED ONLY ON SOIL WHICH RESPONDS TO MOLYBDENUM. CROPS HIGH IN MOLYBDENUM ARE TOXIC TO GRAZING ANIMALS (RUMINANTS).

WARNING: DO NOT STORE BELOW 32 DEGREES.

KEEP OUT OF REACH OF CHILDREN.

\*THESE ARE GENERAL PRODUCT RECOMMENDATIONS. PLEASE CONSULT WITH YOUR AUTHORIZED NACHURS DISTRIBUTOR OR AGRONOMIST FOR SPECIFIC FERTILITY RECOMMENDATIONS. THESE RECOMMENDATIONS ARE BELIEVED TO BE RELIABLE AND SHOULD BE FOLLOWED CAREFULLY. FAILURE TO FOLLOW LABEL DIRECTIONS OR IMPROPER APPLICATION PRACTICES, ALL OF WHICH ARE OUT OF CONTROL OF THE MANUFACTURER OR SELLER, CAN RESULT IN PLANT OR LEAF DAMAGE. CROP INJURY MAY RESULT FROM UNUSUAL WEATHER CONDITIONS, FAILURE TO FOLLOW LABEL DIRECTIONS, OR IMPROPER APPLICATION PRACTICES ALL OF WHICH ARE OUT OF CONTROL OF NACHURS.

SELLER WARRANTS THAT THE ABOVE PRODUCT CONFORMS TO ITS CHEMICAL DESCRIPTION AND IS REASONABLY FIT FOR THE PURPOSE ON THE LABEL WHEN USED IN ACCORDANCE WITH DIRECTIONS UNDER NORMAL CONDITIONS OF USE (INCLUDING NORMAL WEATHER CONDITIONS). NEITHER THIS WARRANTY NOR ANY OTHER WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, EXPRESS OR IMPLIED, EXTENDS TO THE USE OF THIS PRODUCT WHEN USED CONTRARY TO THE LABEL INSTRUCTIONS OR UNDER ABNORMAL CONDITIONS (INCLUDING ABNORMAL WEATHER CONDITIONS), AND THE BUYER ASSUMES THE RISK OF ANY SUCH USE. NACHURS STARTER OR FOLIAR APPLICATIONS ARE INTENDED TO SUPPLEMENT EXISTING SOIL FERTILITY PROGRAMS AND WILL NOT BY ITSELF PROVIDE ALL THE NUTRIENTS NORMALLY REQUIRED BY AGRICULTURAL CROPS.

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Although the required amount of molybdenum varies from crop to crop and the amount is quite often small, it is none the less one of the more important micronutrient for many crops, particularly in the fixation and assimilation of nitrogen and in the construction of the enzyme, nitrate reductase.

Soils possessing a pH lower than 6.0, little soil organic matter and sandy in structure with low cation exchange capacity is at the greatest risk of low to non-detectable amounts of molybdenum and warrant using a soil test to establish resident levels.

### VISUAL DEFICIENCY SYMPTOMS

Visual symptoms of a molybdenum deficiency vary but for the most part in young plants it is expressed as mottled leaves that may be cupped slightly, seedlings that appear stunted and in severe deficiencies plant decline follows. In older plants, the oldest leaves begin to turn yellow while the newer leaves appear pale in color overall. If plants are under a severe deficiency the leaf margins may turn necrotic.

Plants under molybdenum deficiency will generally possess poor plant vigor resulting in poor plant growth affecting plant structure, reproduction and fruiting.

### DIRECTIONS FOR USE

#### Standard Application (Maintenance)

Broadcast soil applied, outside the row or foliar applications use 4 fluid ounces per acre. For applications made in-furrow, reduce the rate to 1 fluid ounce per acre.

#### Known Molybdenum Deficient Soils

Broadcast soil applied, outside the row or foliar applications use 8 fluid ounces per acre. For applications made in-furrow, reduce the rate to 2 fluid ounces per acre.

NOTE: For recommendations for severely molybdenum deficient soils or crops with a higher molybdenum requirement, contact your local NACHURS representative.

#### Addition to UAN at Sidedress

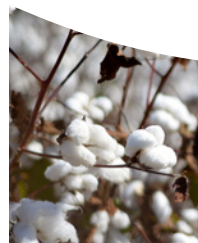
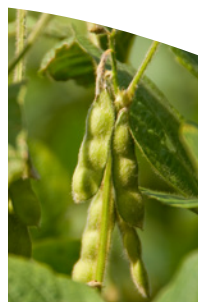
**NACHURS® Molybdenum 10%** can be added to sidedress applications of UAN at the rate of 4-8 fluid ounces per acre depending on established levels of molybdenum.

### MIXING INSTRUCTIONS

1. Put 1/3 of water or fertilizer in tank
2. Add correct amount of product
3. Fill tank with balance of water or fertilizer
4. Agitate adequately to mix

**WARNINGS:** Avoid foliar applications of **NACHURS® Molybdenum 10%** during periods of extreme heat or on crops under moisture stress. High levels of molybdenum in forages can be toxic to ruminant animals. Validate deficiencies with a soil test and monitor molybdenum levels through tissue testing to minimize any risk.

NACHURS® MICRONUTRIENTS PROVIDE AN ECONOMICAL SOURCE FOR CORRECTING NUTRIENT DEFICIENCIES AND IMPROVING PLANT HEALTH.



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