Coastal AgroBusiness, Inc.

Product Label

NutriSol 10% Molybdenum

Guaranteed Analysis:

Molybdenum (Mo) 10%

Derived from Sodium Molybdate

CAUTION

KEEP OUT OF REACH OF CHILDREN

Read the entire label for additional precautionary statements.

Weight per gallon: 10.0 lbs.

Manufactured By:
Coastal AgroBusiness, Inc.
Greenville, North Carolina

GENERAL INFORMATION

NutriSol 10% Molybdenum is a formulation designed for use in soil and foliar applications on crops requiring Molybdenum. **NutriSol 10% Molybdenum** is recommended to prevent and correct molybdenum deficiencies of field, row, vegetable, fruit, tree, vine, legume, and forage crops. It may be applied in foliar applications to growing crops alone or with crop protection products. It may also be applied directly to soil, alone or with crop protection and/or liquid fertilizer materials. **NutriSol 10% Molybdenum** may be used in drip irrigation systems and is compatible with most water-dispersed pesticides. It may be applied by conventional, low-volume, or air application and is recommended for all field, row, and vegetable crops.

Molybdenum functions largely in the enzyme systems of nitrogen fixation and nitrate reduction. Plants that cannot fix adequate nitrogen or incorporate nitrate into their metabolic system because of inadequate molybdenum may become nitrogen deficient. Molybdenum is essential for nitrogen fixation, is required for the synthesis and activity of the enzyme nitrate reductase (reduces nitrates to ammonium in the plant), is involved in electron transport in plant metabolism, and is linked to organically bound phosphorus uptake in plants.

NOTE: Molybdenum can be toxic to plants. Make sure your soil indicates the need for additional molybdenum prior to application. The application of molybdenum may result in forage crops containing levels of Molybdenum (Mo) that are toxic to ruminant animals.

PRECAUTIONARY STATEMENTS / HAZARDS TO HUMANS

CAUTION: KEEP OUT OF REACH OF CHILDREN. Harmful if swallowed or inhaled. Can cause skin, mucous membrane, and eye irritation. Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling. Remove and wash contaminated clothing before reuse. Do not apply this product in a manner as to directly or through drift expose workers or other persons. Always read and follow product labeling.

FIRST AID

If swallowed: Call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

If in eyes: Flush eyes with copious amounts of clean water for at least 15 minutes. Remove contacts if present, and easy to do. Do not let the victim rub their eye. Get medical attention.

If on skin: Remove contaminated clothing and wash skin with soap and water. If irritation develops, get medical attention.

If inhaled: Remove the person from the area of exposure. Give artificial respiration if necessary. If breathing is difficult, give oxygen if a qualified operator is available. Seek medical attention.

NOTE: If contact is made with a spray solution containing pesticides, follow the “First Aid” statements on the pesticide label.

STORAGE AND DISPOSAL

Do not store near heat or open flame. Store in original container only. Keep container closed when not in use. Keep from freezing. If damaged or leaking, soak up with absorbent material and place in a suitable container for disposal. Transfer remaining product to a suitable container for storage and label. Do not contaminate water, food, or feed by storage or disposal. Do not contaminate water by runoff from equipment wash waters or spray materials. Wastes resulting from this product may be disposed of on-site or at an approved waste disposal facility.

Container disposal: Triple rinse (or equivalent) and add rinsate to spray tank, then offer for recycling, or puncture and dispose of in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Always read and follow pesticide manufacturer's label

SHAKE WELL BEFORE USE

KEEP FROM FREEZING

AGRICULTURAL USE REQUIREMENTS AND USER SAFETY RECOMMENDATIONS

When used in conjunction with pesticides, consult the pesticide manufacturer's label for worker protection recommendations. Use of waterproof gloves and protective eyewear is recommended when handling this product.

DIRECTIONS FOR USE

This product is compatible with most pesticides and fertilizers. However, a test for compatibility is recommended prior to large-scale mixing. Always add **NutriSol 10% Molybdenum** to water prior to the addition of pesticides and/or buffering agents.

SOIL APPLICATION

NutriSol 10% Molybdenum can be soil-applied but should be incorporated. Crops with severe deficiencies may require supplemental applications of **NutriSol 10% Molybdenum** to maintain proper levels of Molybdenum in the soil. For best results when soil-applied, split applications should be utilized. **NutriSol 10% Molybdenum** can be applied alone or in combination with agricultural chemicals and liquid fertilizers.

SOIL APPLICATION RATE SELECTION CHART	
CONDITION (All Crops)	**RATE**
Maintenance	2 – 5 fluid ounces/acre
Light Deficiency	10 – 20 fluid ounces/acre
Moderate Deficiency	20 – 30 fluid ounces/acre
Severe Deficiency	30 – 40 fluid ounces/acre

FOLIAR APPLICATIONS

NutriSol 10% Molybdenum can be foliarly applied. Apply up to 5 ounces per acre by ground or air in enough water to provide maximum coverage. A nonionic surfactant can be utilized to enhance coverage and translocation. For crops requiring multiple Molybdenum applications above 5 ounces per acre, allow 10 to 14 days between applications. For foliar applications, **NutriSol 10% Molybdenum** can be applied alone or in tank mixes with agricultural chemicals and fertilizers. Molybdenum is required in very small amounts. The use of tissue tests is highly recommended to monitor levels of Molybdenum in the crop. Normal tissues usually contain between 0.8 and 5 ppm; some plants may contain up to 15 ppm. Deficient plants usually contain less than 0.5 ppm. Tissue tests will serve as an aid to establish and maintain correct levels of Molybdenum for optimum plant growth and will help in avoiding over-application.

FOLIAR APPLICATION RATE SELECTION CHART	
Condition	**RATE**
Maintenance	2-5 fluid ounces/acre

Alfalfa (seed and forage): 2 to 5 fl. oz per acre every 2 to 3 cuts

Beans: 2 to 5 fl. oz per acre when plants are 2 to 6 inches tall. For moderate to severe deficiency. Repeat applications should be made at 10 to 14-day intervals from the first application

Canola: For a single application, 2 fl. oz per acre at onset of stem extension. For moderate deficiency, 2 fl. oz at 4 to 6 leaf stage and 2 fl. oz per acre at onset of stem extension. An extra application can be made 10 to 14 days later for severe deficiency. Avoid application during flowering.

Cole Crops (Broccoli, Brussels Sprouts, Cabbage, Cauliflower): 2 fl. oz per acre from 4 to 6 leaf stage. For moderate to severe deficiency, repeat applications should be made at 10 to 14-day intervals from first application.

Carrots: 2 fl. oz per acre 10 to 14 days after transplanting or when crop is 6 inches tall.

Cucurbits (field-grown): 2 fl. oz per acre 1 to 2 weeks after germination and at 4 leaf stage.

Lettuce (field-grown): 2 to 5 fl. oz per acre 10 to 14 days after transplanting or emergence. Repeat at 7 to 10-day intervals if necessary.

Melons (field-grown): 2 fl. oz per acre, 1 to 2 weeks after germination and at 4 leaf stage.

Peas: 2 to 5 fl. oz per acre when plants are 2 to 6 inches tall. For moderate to severe deficiency, repeat applications should be made at 10 to 14-day intervals from the first application.

Soybeans: 2 to 5 fl. oz per acre when crop is 2 to 6 inches tall, repeated at 10 to 14-day intervals if necessary.

Sugar Beet: 2 fl. oz per acre at 4 to 6 leaf stage. For moderate to severe deficiency, repeat applications should be made at 10 to 14-day intervals.

Tomatoes (field-grown): 2 fl. oz per acre when crop is 6 inches tall.

SEED TREATMENT

Apply **NutriSol 10% Molybdenum** at the rate of 3.5 to 5 fluid ounces per 100 pounds of seed. This rate will result in the application of 0.262 – 0.375 dry ounces of actual molybdenum (Mo) per 60 pounds of seed.

NutriSol 10% Molybdenum is formulated as a ready-to-apply material for soybeans. It supplies 0.25 dry ounces of actual molybdenum (Mo) per bushel when applied at 2 fluid ounces per bushel of soybeans. As a seed treatment, **NutriSol 10% Molybdenum** is compatible with most fungicide, insecticide, and nematicide seed treatments. However, a jar test is recommended prior to large-scale mixing.

Warning: Certain chemical seed treatments (including molybdenum or "Moly") can injure or kill bacteria included in inoculant materials. Do not apply this material as a seed treatment when inoculants are used as part of the seed treatment.

MIXING

With Agricultural Chemicals: Follow pesticide label for mixing instructions with liquid fertilizers. A compatibility test is recommended. Then:

- Water
- **NutriSol 10% Molybdenum**
- Agricultural Chemical(s)
- Agitate

With Fertilizers:

- 1/3 Liquid Fertilizer
- **NutriSol 10% Molybdenum**
- Balance of Fertilizer
- Agitate

Always mix well to ensure proper distribution during application

NOTICE: Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with the directions contained on this label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use, storage or handling of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use. These risks include, but are not limited to, damage to plants, crops, and animals to which the material is applied, failure to control pests, damage caused by drift to other plants or crops, and personal injury.