



NIPAN LLC

Nickel ZM2™

General Information

Nickel ZM2 is designed for use as a foliar spray on pecans and other crops where the addition of nickel, zinc, manganese and molybdenum would be beneficial.

Zinc prevents chlorosis of leaves and stunted shoot growth resulting in a condition known as “rosette” and “little leaf”.

Manganese is involved in photosynthesis and nitrogen assimilation. Nickel prevents and corrects a condition known as “mouse ear”. Molybdenum is associated with nitrogen assimilation.

Nickel ZM2 can be tanked mixed with other nutrient and pest control products. Nickel ZM2 is not recommended for soil application.

Nickel ZM2 will disperse in water with little agitation. Many pesticides can be added and applied while spraying Nickel ZM2. Follow this mixing sequence:

1. Water
2. Nickel ZM2
3. Pesticide

Storage Instructions

Store in cool, dry place. May be stored in unheated facility. Undiluted Nickel ZM2 can be corrosive to tanks, pumps, meters and fittings. Absorbing on clay or other suitable absorbent can clean up spills from broken containers.

Guaranteed Analysis

Sulfur (S)..... 5.1%

Zinc (Zn).....4.0%

Manganese (Mn).....3.5%

Molybdenum (Mo)..... 0.08%

Nickel (Ni) 2.0%

Derived from zinc sulfate, nickel sulfate, manganese sulfate, sodium molybdate and citric acid

KEEP OUT OF REACH OF CHILDREN CAUTION

Harmful if swallowed. Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist. May cause irritation of nose, throat and/or skin. Wear goggles and gloves when handling. In case of contact, immediately flush skin or eyes with water for several minutes.

Caution: Application of Molybdenum may result in forage crops containing levels of molybdenum, which are toxic to ruminant animals.

Manufactured in the USA by:
NIPAN L.L.C.
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Net Contents: 2.5 Gallons / 13.2 Liters

Directions For Use

Pecans:

For the correction and prevention of **mouse ear** and zinc deficiency on new plantings, non-bearing and producing pecans trees. Three applications per season are recommended. The first spray for the correction and prevention of mouse ear and reduced nut drop; the second and third application improves disease resistance and wood strength.

First application: Apply 2 pints/acre in the first spray or at the parachute stage.

Second application: Apply 2 pints/acre 14-21 days later

Third application: Apply 2 pints/acre, 14-21 days later

For severe **mouse ear** and newly transplanted pecan trees, apply 2 pints per acre in early October before leaf fall and the following spring.

Other crops:

Nickel ZM2 can be used in a balanced fertility program where supplemental micronutrient nutrition may improve growth, quality, disease resistance and yield. Improved nickel nutrition has been shown to increase disease resistance to rust.

Soybeans:

To increase root mass, nodulation and disease resistance to rust. Improved nickel nutrition of soybeans grown for seed can improve seed germination of saved seed.

Rate and timing: Ground application: Apply 12-16 oz in 15-20 gallons water per acre when soybeans are in R1 stage and again 14 to 21 days later.

The addition of a non-ionic surfactant at the labeled rate is recommended to improve spray coverage.

Weight: 11.4 pounds/gallon