



Molybdenum Microbes

DATA SHEET

MolybdenumMicrobes is a biofertilizer whose action is based on the activity of the bacteria *Klebsiella spp.* These types of bacteria live naturally in the soil near the roots of the plants, from where they establish a mutually beneficial relationship (symbiosis) with the roots.

- **MolybdenumMicrobes** is the first product made from the selection of the best microorganisms for the assimilation of Molybdenum from the soil to the plant. These microorganisms reduce the form of Molybdenum present in the soil until the Molybdenum bioavailable for the MoO_4^- plant is obtained. At the same time, the bacteria produce hormones (indoleacetic acid) that stimulates the plant's development.

MolybdenumMicrobes helps to obtain the Molybdenum in the soil that is not found in the form bioavailable to the plant and this reduces production costs.

BIOLOGICAL COMPOSITION

- *Klebsiella spp* 1×10^{15} UFC/ml

BENEFITS

- Molybdenum-assimilating microorganisms
- Improves the use of Nitrogen in the plant.
- Stimulates plant growth

APPLICATION METHOD

MolybdenumMicrobes comes from a fresh and metabolically active crop, so its use is recommended at the time of receipt. Very early or during the afternoon, avoiding long hours of sun and solar radiation.

- The product is injected into the root or in drench directly to the base of the plant. Always make sure that the implement to be used has not had a previous bactericide or fungicide. Wash the pump thoroughly before use. Preferably use neutral powdered soap.
- Do not eat, drink or smoke during applications, wash your hands before and after using this product.

It is recommended to dilute 1 liter of **MolybdenumMicrobes** per hectare in natural water as clean as possible for crops of 1-9 kg and for crops of 10-50 kg use 2 liters per hectare and of 60-100 kg use 3 liters per hectare.

- Do not dilute more than 500 L per liter of MolybdenumMicrobes because microbial crops require a minimum concentration to act.



APPLICATION FREQUENCY

It is recommended to make 2-3 applications per hectare for optimal colonization of the plant with a frequency of 7-10 days each, which will achieve healthy plant nutrition and crop defense.

DOSE:

Crop	General
Dose	1L/1 ha
Frequency	7-10 days
Application	2-3 Applications



COMPATIBILITY WITH OTHER PRODUCTS

MolybdenumMicrobes is compatible with some fertilizers.

In case of applying a bactericide, fungicide, pesticide or insecticide, it is necessary to check the residence time of said product and make sure that the application of **MolybdenumMicrobes** is outside this period, as well as wash the material with which the application is going to be made well with neutral soap to ensure that traces of the product are avoided.

Consult your technical advisor for compatibility with other products.

It is not recommended to apply **MolybdenumMicrobes** if a subsequent application of bactericides, fungicides or any similar product is planned as this would kill the population of microorganisms applied with **MolybdenumMicrobes**.



AGRONOMIC USE

MolybdenumMicrobes guarantees a 100% organic and high quality product that can be used for the following crops, although this recommendation is not limited to other agricultural crops: **Vegetables in general:** Cabbage, cauliflower, broccoli, compass cabbage, radish. **Fruit trees in general:** Avocado, citrus, peach, guava, mango, coconut palm, banana, papaya. **Solanaceae:** Tomato, chili, potato, eggplant, pepper **Cucurbitaceae:** Cucumber, melon, watermelon, pumpkins. **Seeds:** maize and sorghum, wheat, barley and oats. **Berries:** blueberry, raspberry, blackberry, blackberry. **Other crops:** Celery, asparagus, lettuce, onion, chives, carrot, walnut, pineapple, grapevine, sugar cane, cotton, agaves, oil palm.

STORAGE AND TRANSPORT CONDITIONS

- Store the product in cool, covered places at room temperature.
- Do not expose yourself to the sun's rays.

TOXICITY

100% Organic product.

It is not phytotoxic at recommended concentrations, stages and forms of application. In case of ingestion or discomfort at the time of use, cause vomiting and consult your doctor.

Let's treat our crops with organic products!



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