

# BioMax O.C.<sup>TM</sup>

## Science-Driven Nutrition<sup>SM</sup>

BioMax O.C. is a non-living microbial food source and micronutrient fertilizer designed to promote microbial activity, nutrient cycling and nutrient availability. BioMax O.C. works to stimulate and increase native/existing beneficial aerobic bacteria and fungi in the soil to increase nutrient available/efficiency. BioMax O.C. is designed for maximum compatibility with ortho and poly-phosphate based starter fertilizers blends. Many micronutrient and soil amendments are not compatible with phosphate based fertilizers resulting in nutrient tie up and tank sediment problems. BioMax O.C. is intended to supplement and enhance a full ground fertility program as recommended in accordance with a reliable soil analysis.

In the rhizosphere a healthy diverse microbial population is important to promoting root development, root mass and nutrient uptake. BioMax O.C. increases existing microbial populations rapidly encouraging accelerated nutrient cycling, thereby maximizing nutrient availability. Increasing microbial activity also improves availability and efficiency of ground applied fertilizers helping growers get the most out of their fertilizer budget. By working with the existing microbial population in the soil, BioMax O.C., encourages root development, root mass and overall root health, leading to increased crop quality and yield.

### Guaranteed Analysis

Calcium (Ca) 1.00%  
Cobalt (Co) 0.20%  
Molybdenum (Mo) 0.05%

### Derived From

Calcium EDTA, Cobalt Carbonate, and Ammonium Molybdate

### Availability

1 & 2.5 gallon

### Directions For Use

Ground apply BioMax O.C. at a rate of 1 to 2 quarts per acre. BioMax O.C. can be pre-blended with starter fertilizers prior to application. BioMax O.C. can be ground applied or injected through most irrigation systems including drip and center pivots. If ground applying, ensure that BioMax O.C. is incorporated into the soil within two weeks after application, either mechanically or with sufficient water to wet soil to a depth of 1 inch. If you have any questions regarding mixing or application rates contact your Agro-K dealer before using this product.

FOLIAR NUTRIENTS



**Suggested Uses**

**Perennial Crops - Trees, Vines and Berries**

In perennial tree, vine and berry crops, BioMax O.C. should be applied in the spring and early fall. This timing coincides with a natural increase in soil biological activity and root growth – amplifying both processes. Utilizing BioMax O.C. at these key crop timings not only helps to maximize microbial activity but also results in maximizing soil nutrient availability and total ground fertility efficiency. The best way to ensuring maximum quality and yield/acre is ensuring that nutrients are available a head of key physiological demand timings.

RATES: Apply at 1-4 pints per acre per application. Do not apply more frequently than every 30 days.

BioMax O.C. is convenient to apply. It can be applied via most irrigation systems or band-sprayed at the base of the rows.

On new establishment plantings of trees, vines and berries apply BioMax O.C. can be applied via drip, banded and watered in or in the planting hole. Re-apply in 45 days and again in early fall via irrigation or ground spraying. Scheduled applications of BioMax O.C. on new plantings, enhances the root zone conditions, creating an environment conducive to good root development. Getting new plantings off to a good start and maximizing root development is critical to long-term productivity.

**Annual Crops - Vegetables, High Value Cash Crops & Turf**

BioMax O.C. is particularly suitable to higher value row crops, such as vegetables, strawberries, melons, potatoes, onions, sugar beets, sweet corn, beans and alfalfa. It is also an excellent choice for turf. BioMax O.C. can be applied pre-plant during ground or bed preparation, at planting in-furrow or 2x2, or post-planting via irrigation or band-sprayed and irrigated in.

RATES: Apply at 1-4 pints per acre per application. Do not apply more frequently than every 30 days.

Yield and quality are key factors in profitability in these crops. BioMax O.C. used pre-plant or early during the vegetative growth phase of these crops helps maximize soil available nutrients and healthy root development. Getting germinating seeds or transplants off to a vigorous start and maximizing root development is critical to potential plant productivity and quality. By encouraging microbial activity and diversity, BioMax O.C. keeps ground fertilizers more available and working longer into the season - maximizing fertilizer efficiency.

Turf and other perennial grass, hay and alfalfa crops are also excellent crops on which to utilize BioMax O.C.. Similar to tree and vine crops, applying BioMax O.C. in spring or during first irrigation, is an excellent way to maximize fall or spring applied fertilizer availability. Nutrients such as phosphorus and zinc which are instrumental in early vegetative growth and root development have limited availability when soils are cold and wet – normal spring conditions. BioMax O.C. can help turf and alfalfa overcome these conditions promoting a better start in the spring.

**Row Crops – Corn, Soybeans, Dry Beans, Sugar Beets, Wheat and Small Grains**

BioMax O.C. can be effectively used in all row crops to improve fertilizer efficient, encourage residue digestion and nutrient cycling and increase yield. Apply 1 qt/ acre. BioMax O.C. is very flexible in when and how it can be applied to row crops. Applications can be made during soil tillage and planting preparation work. BioMax O.C. can be blended with starter and pop-up fertilizer applications. BioMax O.C. can be made in conjunction with side-dress nitrogen applications. BioMax O.C. can be pushed through any irrigation system. It is not recommended to apply BioMax to the soil surface within 2-3 weeks before or after any pre-emergent herbicide application.

