

ENVIRONOC® 401

Beneficial Microorganisms



ENVIRONOC 401 is a natural consortium of beneficial microorganisms, including nitrogen fixing and phosphate solubilizing microbes. With a diverse team of beneficial microorganisms present in high concentration levels, **ENVIRONOC 401** is a natural way to promote the fundamental relationship between the soil and plant. The microbes that make up this robust team are not genetically modified, non-pathogenic, and 100% naturally occurring. **ENVIRONOC 401** with its diverse population of beneficial microorganisms ensures the soil and plant are able to efficiently work together to maximize the plant's growth and productivity.

Environoc 401 Uses: for leafy vegetables and root crops, and flowering plants. Home and commercial lawn application and golf course greens, fairway and landscape applications.

GUARANTEED ANALYSIS:

Active Ingredients	Percent
Mixture of microbial strains	4.55% (nominal)
Azospirillum brasilense	1x10 ⁷ CFU/ml
Bacillus altitudinis	1x10 ⁸ CFU/ml
Bacillus amyloliquefaciens	1x10 ⁷ CFU/ml
Bacillus licheniformis	1x10 ⁷ CFU/ml
Cellulomonas cellasea	1x10 ⁷ CFU/ml
Pseudomonas fluorescens	1x10 ⁷ CFU/ml
Pseudomonas putida	1x10 ⁸ CFU/ml
Pseudomonas stutzeri	1x10 ⁸ CFU/ml
Streptomyces albidoflavus	1x10 ⁵ CFU/ml

Inert Ingredients:

Ferment residue (non-animal)	0.35% (nominal)
Water	95.1%
Total	100%

APPLICATIONS INSTRUCTIONS:

For best results, shake before using since settling can occur. If combining with other products avoid having them mixed together for extended periods of time. Some chemicals can be detrimental to the microbes. If mixing with other products, it is best to mix shortly before the application (just in time). Perform a jar test to ensure compatibility.

<u>Application</u>	<u>Dose</u>	<u>Frequency</u>
New Lawns at Seeding	4 to 6 oz per 1,000 ft ²	1 to 2 applications (2 weeks apart)
Established Lawns	4 to 6 oz per 1,000 ft ²	2 to 4 times per growing season
Commercial Turf	½ gallon per acre	1 to 2 times per growing season
House plants	dilute 4 oz in gallon of water	Spray on Foliage/Soil Soak every 4 to 6 weeks
Home garden	dilute 4 oz in gallon of water	Spray on Foliage/Soil Soak every 4 weeks
Seed Tray	dilute 4 oz in gallon of water	Spray/Soak
Nursery	dilute 4 oz in gallon of water	Drip/Spray to seedlings and young plants weekly to bi weekly
Trees	dilute 4 oz in gallon of water	Spray/Soak root ball for new install, spray root area for mature
Flowers/Shrubs	dilute 4 oz in gallon of water	Spray on foliage/flowers and around root areas
Agriculture	16 oz per acre in-furrow	at planting
Agriculture	16 to 32 oz per acre as foliar spray	1 to 2 applications

It's recommended to apply Eubio-NBS (c10) at 10 oz per acre when applying Environoc 401. Eubio-NBS (c10) is a natural biological stimulant that will enhance the microbial activity. Apply broadcast with 10 to 15 gallons of water as a carrier.

Best results are achieved with no tillage or post tillage.

Eubio-NBS (c10) has a positive impact on natural biological processes that are essential for productive soil and plants. Use of Eubio-NBS (c10) improves abiotic stress tolerance and supports conditions for better plant establishment.

Environoc 401 allows you to:

- Establish larger and more diverse populations of beneficial microbes in your fields
- Optimize the rhizosphere with a more robust and efficient plant and microbe relationship to improve growing conditions
- Improve nutrient release and management through microbial activity, enhancing overall soil productivity



More from Every Acre, Animal & Gallon of Manure