



Bioscience, Inc.
Environmental Products & Services
ISO 9001:2015 Certified

MICROCAT[®]-AG

Agricultural Bioformula for Soils



Description

MICROCAT-AG is a blend of preselected, naturally-occurring microorganisms for use in agricultural and horticultural soil applications. **MICROCAT-AG** is a dry powder, suspendable in water and is sprayable as a suspension.

Applications

The productivity of many agricultural soils is diminished through over use, excessive fertilization, pesticide residues, salt intrusions, etc. When used on a regular basis in conjunction with sound agricultural and horticultural practice, **MICROCAT-AG** can help. **MICROCAT-AG** provides a uniform microbial starter culture for improving soil microbial activity, resulting in improved soil physical characteristics and productivity. **MICROCAT-AG** is an excellent ingredient in horticultural soils and soil amendments in which it insures excellent microbial activity at the point of use.

Product Characteristics

| | |
|------------------------------|--|
| Appearance | Light tan, fine powder |
| Contents | Natural, non-pathogenic saprophytic microbes and food grade carriers |
| Nominal Microbe Count | Formulated to contain $>3 \times 10^9$ /gram |
| Shelf Life | Two Years |
| Packaging | 25 Lb (11.3 Kg) plastic pails/ 220 Lb (100 Kg) fiber drums |

Application Programs

In general, **MICROCAT-AG** is mixed with water and added to the soil to be treated. Your Bioscience, Inc. Technical Representative will provide you with a custom-tailored application schedule to fit the specific needs of your treatment objectives.

Optimal Application Conditions

For best results, apply this product under the following conditions:

| Condition | Range | Optimum |
|-------------------------|--------------|-------------------|
| Dissolved Oxygen, ppm | Available | High Availability |
| pH | 6 - 9 | 7 |
| Temperature, ° C | 5-105 | N/A |
| Toxic Heavy Metals, ppm | Trace | Trace |
| Soil Organic Content | Wide | High |

Storage and Handling

| | |
|-----------------|--|
| Storage | 45° - 105° F (7° - 40° C) Dry conditions; DO NOT FREEZE. |
| Handling | CAUTION: Avoid inhalation of dry powder or liquid mist. Avoid exposing skin to dry powder or strong solution as irritation may result. If material contacts skin or eyes, flush thoroughly and repeatedly with water. |

MICROCAT® is a registered trademark of Bioscience, Inc.

The information contained in this data sheet is a guide to the use of **MICROCAT** products and is based on test and information believed to be reliable. Product content and specifications are subject to change without notice. All information is given to and accepted by user at user's risk and confirmation of its validity and suitability to particular cases should be obtained independently. Bioscience, Inc. makes no guarantee of results and assumes no obligation or liability in connection with the information contained herein. Bioscience, Inc. does not warrant against infringement of, and this data sheet is not to be construed as a license to operate under, any patents.

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