

MicrobeBio®

ប្រព័ន្ធហាំចំណុះសមត្ថភាព ដំណាំគ្រប់ប្រភេទ ប្រកបដោយប្រសិទ្ធភាព និងចីរភាព



ពង្រឹងជីវសាស្ត្រដី
បង្កើតមូលីធានជីវម៉ាយ
ចាប់ពីជំងឺដល់ផ្លែខាងលើ



បង្កើនសមត្ថភាពដំណាំ
បង្កើនការស្រូបយកជីវធាតុ
និងជំព្រកភាពធន់របស់ដំណាំ



បង្កើនទិន្នផល និងគុណភាព
ដំណាំល្អគលាស់ល្អ
ទិន្នផលខ្ពស់
គុណភាពល្អប្រសើរ



រក្សាទុកអនាគត
ដំណោះស្រាយចីរភាព
សម្រាប់ដីឆ្នាត និងដីបិទ
រស់នៅប្រសើរជាងមុន



ពង្រឹងភាពសុខភាពដី
ធ្វើអោយរឹងរស់



បង្កើនប្រសិទ្ធភាពជីវធាតុ
ប្រើប្រាស់ជីវធាតុម្ល៉ាងអតិបរមា



គាំទ្រភាពធន់របស់ដំណាំ
ធន់នឹងជំងឺ និងប្តូរមរមាយ



ដំព្រូងជីវភាពចីរភាព
ជលិតកម្មយូរអង្វែង និងចីរភាព



ការដាំដុះជាមួយ ធម្មជាតិតាមរយៈ សហប្រតិបត្តិការ ជីវសាស្ត្រ

ផលិតផល MicrobeBio® ត្រូវបានបង្កើតឡើងជាប្រព័ន្ធកសិកម្មជីវសាស្ត្រ ពេញលេញ ដំលែផលិតផលនីមួយៗមានគុណភាពខ្ពស់ ខណៈពេលដំលែផលវិញ្ញាណគុណភាព មានបុព្វលាភភាព។ រួមគ្នា វាជួយបង្កើនទិន្នផល កែលម្អអគុណភាពដំណាំ បង្កើន កុលិស និងរសជាតិ ពង្រឹងសុខភាពរុក្ខជាតិ កាត់បន្ថយសត្វល្អិត និងជំងឺ កែលម្អអធិជាតិ កាត់បន្ថយការពឹងផ្អែកលើសារធាតុគីមី និងជំរុញនិរន្តរភាពរយៈពេលវែង។ ជំនួសឱ្យការពឹងផ្អែកលើផលិតផលតម្លៃថ្លៃ ប្រព័ន្ធ MicrobeBio® បង្កើតប្រព័ន្ធ អក្សរសាស្ត្រជីវសាស្ត្ររុក្ខជាតិ ដោយគាំទ្រប្រស ជីវសាស្ត្រដី ការប្រើប្រាស់សារធាតុចិញ្ចឹម ប្រតិកម្មមេតាបូលីច និងយន្តការការពារធម្មជាតិរបស់រុក្ខជាតិពេញមួយវដ្តដំណាំ។



MICROBEBIO AQUA ACTIVATOR™

ជំរុញការលូតលាស់ និងទិន្នផល តាមជីវសាស្ត្រ

Aqua Activator™ ជាម៉ាស៊ីនជីវសាស្ត្រសុទ្ធសនបែរព័ន្ធច MicrobeBio® ។

មុខងារសំខាន់

- ជំរុញសកម្មភាពមីក្រូសរីរាង្គគ្រប់ប្រភេទ
- បង្កកើនការអភិវឌ្ឍធុនប្រូស
- បង្កកើនបុរសិទ្ធភាពការស្រូបយកសារធាតុចិញ្ចឹម
- បង្កកើនការសំយោគពន្លឺ
- បង្កកើនការផលិតកុលរ៉ូប៊ីន
- ជំរុញការចេញផ្សាយ និងការចងផុល
- បង្កកើនភាពធន់នឹងសុក្រសេ
- គាំទ្រវដ្តកម្រិត

MicrobeBio® Aqua Activator™

MADE IN USA

Net Wt. 1KG

OMRI

PRODUCT DESCRIPTION
MicrobeBio® Aqua Activator™ is a biological soil amendment containing a select blend of microbes and soil enhancing bacteria. Aqua Activator™ may be blended with organic and inorganic NPK fertilizers, soil amendments, as well as soils and mulches for improved microbial biodiversity, and greater crop yields.

The main benefits of MicrobeBio® Aqua Activator™

- Boost crop yields
- Reduce adverse environmental impacts
- Boost drought resistance
- Feed and protect soil
- Boost root vitality
- Boost seed germination

NON-PLANT FOOD INGREDIENTS
Contains the following bacteria:
- *Bacillus subtilis* (2) 2.0 x 10¹¹ CFU/g
- *Bacillus licheniformis* 2.0 x 10¹¹ CFU/g

ATTENTION
Please read and follow SDS instructions for safety precautions, cleaning, and maintenance of PPE (Personal Protective Equipment).

Not for human consumption. Keep out of reach of children.

GENERAL APPLICATION
AQUA ACTIVATOR™ 1 KG PER HECTARE
(For optimal results, see instructions for Aqua Activator™ in combination with other MicrobeBio products.)

- Agitate 1 kg MicrobeBio® Aqua Activator™ into at least 5 liters of non-chlorine water** for at least 24 hours to activate the microbes. Continue to dilute the mixture into at least 400 liters of non-chlorine water*** to treat 1 hectare.
- ** After drying or inputting crisis, the product can dilute the product into chlorinated water after the chlorinated water has been circulating for over 48 hours in an open container that allows chlorine gas to evaporate.

Technical Note:

- All application should be considered as a general guidance. Application rates for specific products may differ regarding to soil conditions, plant categories, nutrient needs, and application approach.
- To obtain desired result, MicrobeBio® Aqua Activator™ requires appropriate timing and rate which highly depend on stages of plant growth, soil fertility levels, and environment setting.
- If uncertain of application rates for your specific soil, please consult a professional agronomist to examine soil samples and create specific application plan. Consult product literature for specific crop recommendations.

STORAGE
Store indoors in a cool, dry place. Close product if tightly sealed. Store soil, plant material, and thoughts with soil and water the morning, avoid soil water.

WARRANTY LIMITATIONS
The information contained on this label is intended to be accurate and reliable. There are no warranties that extend beyond the contractual language on the face hereof. No claims against guarantee are made to replacement of product or return of purchase price, or otherwise available to the. The disclaimer responsibility is not intended to be held resulting from the use of the product, timing, method of application, weather, soil conditions, and other factors not beyond the control of the user. MICROBEBIO® (2023) (MBA) ALL OTHER trademarks and/or services, copyright or applied, registered or not, relate to the ownership of MICROBEBIO®. It is generally not intended to be a trademark of MICROBEBIO®. It is not intended to be used in any way to compare, identify, or use of the product under any special circumstances or intended otherwise at any time.

MBA001-MBA-01-18-02018
EXP. DATE: 09/15/2024

Manufactured By:
MicrobeBio Inc.
28822 Nichols Lane #101 Houston, TX 77055

Spray Instruction:

- During each stage of growth, MicrobeBio® Aqua Activator™ Solution can be applied by using pivots, flood, drip or sprinklers on soil or as foliar feeding.
- For an optimal yield, apply MicrobeBio® Aqua Activator™ Solution of late afternoon and avoid direct sunlight.

www.microbebio.com • info@microbebio.com

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អត្ថប្រយោជន៍ លើដំណាំ



ស្បូវ

- បង្កកើនការចេញកូនស្បូវ
- ឬសរឹងមាំជាងមុន
- គ្មានបំពង់ពេញលុអ
- ទិន្នផលខ្ពស់

ពោត

- ផលពោតធំជាងមុន
- គ្មានបំពង់ពេញលុអ
- ដើមរឹងមាំ

ចកេ

- បង្កកើនការលូតលាស់កូនចកេ
- ចង្កកោមធំជាងមុន
- ផលមែនទំហំស្មើគ្នា

ដើមឈើហូបផល

- ចេញផលល្អ
- កាត់បន្ថយការផ្សះផ្សាលើ
- គុណភាពផលល្អអប្បបរមា

បន្ទុក

- លូតលាស់លឿន
- ទិន្នផលលក់បានច្រើន
- អាយុកាលរក្សាទុកបានយូរ



MICROBEBIO BIOCORE™

MicrobeBio®

BIOCORE

PREMIUM BIOLOGICAL FERTILIZER FOR HEALTHY SOIL & HIGHER YIELDS

- ENHANCES ROOT GROWTH & PLANT VIGOR
- IMPROVES SOIL FERTILITY NATURALLY
- BOOSTS BENEFICIAL MICROBES & SOIL BIODIVERSITY
- ENHANCES NUTRIENT AVAILABILITY & UPTAKE
- INCREASES STRESS TOLERANCE & PLANT RESILIENCE
- 100% NATURAL & SAFE
- RICH IN ORGANIC MATTER
- MICROBE ENRICHED FORMULA
- IMPROVES SOIL STRUCTURE & WATER HOLDING
- SUPPORTS LONG-TERM SOIL HEALTH & SUSTAINABILITY
- PROMOTES HEALTHY GROWTH & HIGHER YIELD QUALITY

APPLICATION RATES			
FIELD CROPS 50 - 200 kg/ha	FRUIT TREES 0.5 - 2 kg/tree	VEGETABLES 25 - 100 kg/ha	NURSERY / POTTING MIX 1 - 5% soil blend

IDEAL FOR
✓ IMPROVING SOIL FERTILITY
✓ ENHANCING PLANT GROWTH
✓ INCREASING YIELD & QUALITY
✓ SUPPORTING SUSTAINABLE FARMING
✓ LONG-TERM SOIL HEALTH

NET WEIGHT 25 kg
Also Available: 1 kg | 5 kg | Bulk

ECO FRIENDLY | SAFE & NON TOXIC | SUSTAINABLE SOLUTION

FOR AGRICULTURAL USE EXPORT ONLY

មូលដ្ឋានជីវសាស្ត្រដី

BioCore™ បង្កកើត និងថែរក្សាសហវិស្វាសរិហ្សូស្វែរ (Rhizosphere) ឱ្យមានសុខភាពល្អ។

មុខងារ

- ផ្តល់អាហារដល់មីក្រូសរីរាង្គមានបុរេយោជន៍
- បង្កកើតភាពចម្រុះជីវសាស្ត្រនៃកូនដី
- ជំរុញការរលួយសារធាតុសរីរាង្គ
- បញ្ចេញសារធាតុចិញ្ចឹមដល់ដំបូងកូនដី
- បង្កកើតផលិតសារធាតុចិញ្ចឹម
- គាំទ្រការកាត់ដីលំនាំរបស់មីក្រូសរីរាង្គ

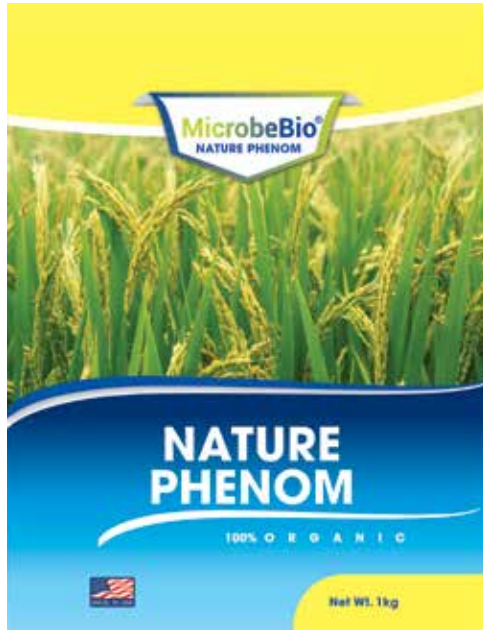
អត្ថបុរេយោជន៍

- ប្រើប្រាស់សារធាតុចិញ្ចឹមមានបុរេយោជន៍
- រចនាសម្ព័ន្ធជីកាន់តែល្អ
- បង្កកើតសកម្មភាពជីវសាស្ត្រនៃកំប៉ងដី
- សុខភាពដីប្រសើរឡើងវិញរយៈពេលវែង



សិរី NATURE PHENOM™

បច្ចុប្បន្នភាពបង្កើនទិន្នផលសម្រាប់ដំណាំជាក់លាក់



NATURE PHENOM RICE™

- បង្កើនការចេញកូនស្បូវ
- បង្កើនការអភិវឌ្ឍកូនស្បូវ
- បង្កើនការបំពេញគ្រាប់
- បង្កើនទម្ងន់គ្រាប់
- បង្កើនកុលីន និងគុណភាពអង្កក



NATURE PHENOM CORN/MAIZE™

- បង្កើនការអភិវឌ្ឍផលពោត
- បង្កើនការបង្កើតគ្រាប់
- បង្កើនដងសីតគ្រាប់
- បង្កើនភាពធន់នឹងគ្រោះរាំងស្ងួត



NATURE PHENOM BANANA/PLANTAIN™

- បង្កើនទម្ងន់ដុះក្រោម
- ផ្ទុកខ្លឹមផលមានទំហំស្មើគ្នា
- បង្កើនភាពផ្អែម
- បង្កើនអាយុកាលរក្សាទុក



MICROBEBIO X1™

សុខភាពប្រុស និងការការពារដី

MicrobeBio®

X1

INTRODUCTION
MicrobeBio X1™ reduces the pathogenic nematode population protecting the root system as well as promote growth, yields, and quality of all types of plants.
The product controls and regulates many different types of plant pathogenic nematodes, such as *Ditylenchus* sp.; *Helicotylenchus* sp.; *Mitotylagynis* sp.; *Rhizoglyphus* sp.; *Pharylenchus* sp.; *Rhizoglyphus* sp.; *Zylenchus* sp.

GUARANTEED ANALYSIS

Active Ingredients	2.20%
<i>Purpurocaulium</i> spp.	2.20%
Contains a minimum of 2 x 10 ⁷ viable spores/gram	
Other Ingredients	97.80%
Total	100.00%

** All nematodes and/or biologicals are considered naturally-derived, non-pathogenic, non-toxic, non-GMO, non-hazardous, and non-persistent. All microorganisms are self-considered to be pathogenic for livestock or poultry.
As this is a 33% natural organic product there may be up to a 10% tolerance from batch to batch.

ATTENTION
Please read and follow the SDS instructions for safety precautions, cleaning, and maintenance of PPE (Personal Protection Equipment) **Not for human consumption. Keep out of reach of children.**

STORAGE
Store indoors in a cool, dry place. Close packets if not fully used. Shake well. Wash exposed areas thoroughly with soap and water after handling. Avoid eye contact.

WARRANTY LIMITATIONS
Any liability, expressed or implied, is limited to the purchase price of this product.

GENERAL APPLICATION AND DILUTION INSTRUCTION
Agitate 400 g MicrobeBio X1™ into at least 20 liters of non-chlorine water**. Continue to dilute the mixture into at least 200 liters of non-chlorine water** to treat 1 hectare.
** While mixing or spraying mist, the grower can dilute the product into chlorinated water after the chlorinated water has been standing for over 48 hours in an open container that allows chlorine gas to dissipate.
For optimal results, we recommend using MicrobeBio X1™ in a combination with other MicrobeBio® products.

Net Wt. 1KG

Manufactured by:
MicrobeBio Inc.
26926 Nichols Sawmill Rd,
Magnolia, TX 77355
www.microbebio.com
info@microbebio.com

មុខងារ

- គាំទ្រទីលំនៅលើប្រព័ន្ធធម្មជាតិ
- ទប់ស្កាត់មរោគបង្កកដំណាំកសិកម្ម
- បង្កកលើការរលាយសារធាតុចិញ្ចឹម
- ជំរុញការលូតលាស់ប្រុស
- បង្កកលើភាពចម្រុះមីក្រូសរីរាង្គ

គុណភាព

- ដងកូររបស់កម្រិតប្រុស
- ដងកូររបស់ផលិតផល
- មរោគកសិកម្ម
- ជំងឺប្រុស

អត្ថប្រយោជន៍

- ប្រព័ន្ធធម្មជាតិ
- សរុបយកសារធាតុចិញ្ចឹមមានល្អ
- ធន់នឹងរាំងស្ងួត
- ការបង្កកលើដំណាំមានល្អ



MICROBEBIO X3™



MICROBEBIO X3-SB™

MicrobeBio®

X3.SB

INTRODUCTION

MicrobeBio X3™ contains proprietary beneficial biologicals shown to be effective for the prevention and suppression outbreaks of soft-bodied insects such as:

African Weevil, Aphid, Aspid-Clawing Mite, Fall Army Worms, Box Beetles, Bean Leaf Beetle, Red Earwig, Beetles, Black Vine Weevil, Boll Weevil, Cabbage Looper, Cabbage Worm, Cone Borer, Caterpillars, Cereal Leaf Beetle, Chinch Bug, Coffee Borer Beetle, Codling Moth, Colorado Potato Beetle, Corn Borer, Cucumber Beetle, Dogwood Sawtooth Moth, Ground Ash Borer, Pear and Plum, Fungus Gnats, Grasshopper, Greenhouse Whitefly, Invasive Silkworm, Japanese Beetle, Lygus Bug, Mealybug, Mexican Bean Beetle, Mite, Pear, Red Palm Weevil, Shore Flea, Stem Borer, Strik Bug, Strawberry Root Weevil, Tomato Pinworm, Whitefly, White Grubs.

Notice: MicrobeBio X3™ is an organic biological probiotic product to prevent harmful pests and insects, so the product does not knock-out or prevent instant results as other chemical products in the market.

MADE IN USA

GUARANTEED ANALYSIS

CONTAINS NON-PLANT FOOD INGREDIENTS**

Proprietary Beneficial Bacteria:
1 x 10¹⁰ CFU Per Gram (each)***

- *Bacillus sp.*

** Other inert ingredients derived from proprietary nutrients and organic matter.

*** All microbial is considered naturally-derived non-pathogenic, non-toxic, non-GMO, non-virulent, and non-ovicidal. All microorganisms are not considered to be pathogenic for livestock or poultry.

As this is a 33% natural organic product there may be up to a 33% tolerance from batch to batch.

GENERAL APPLICATION AND DILUTION INSTRUCTION

Apply 500 g MicrobeBio X3™ into at least 10 liter non-chlorine water ** for at least 24 hours. Continue to dilute the mixture into at least 200 liters of non-chlorine water ** to treat 1 hectare.

** While diluting or irrigating crops, the growers can dilute the product into chlorinated water other the chlorinated water has been standing for over 24 hours in an open container that allows chlorine gas to dissipate.

For optimal results we recommend using MicrobeBio X3™ in a combination with other MicrobeBio products.

ATTENTION

Please read and follow the SDS instructions for safety precautions, cleaning, and maintenance of PPE (Personal Protection Equipment) **Not for human consumption. Keep out of reach of children.**

STORAGE

Store indoors in a cool, dry place. Close packets if not fully used. Shake well. Wash exposed areas thoroughly with soap and water after handling. Avoid skin contact.

WARRANTY LIMITATIONS

Any liability, expressed or implied, is limited to the purchase price of this product.

Manufactured by:
MicrobeBio® Inc.
28025 Nichols Goumill Rd. Magnolia, TX 77865
www.microbebio.com • info@microbebio.com

Net Wt. 1KG

ការការពារពិសេសប្រឆាំង សត្រូវបំផុសពាតក្រប និង ដងកូរខ្នងដើម

គ្រប់គ្រង

- សត្រូវបំផុសពាតក្របស្បូវ
- សត្រូវបំផុសពាតក្របពោត
- ដងកូរខ្នងដើម
- សត្រូវបំផុសពាតផល
- សត្រូវលុបអីតបីតទីកដលៃពិហាកគ្រប់គ្រង

អត្ថប្រយោជន៍

- កាត់បន្ថយការខូចខាតក្រប
- គុណភាពក្របប្រសើរ
- ការពារលុបអីតក្នុងដំណាក់កាលបន្តគ្រប់គ្រង



MICROBEBIO X5™

MicrobeBio®

X5

INTRODUCTION
MicrobeBio X5™ is a proprietary bacterium based bio-fungicidal product that has a wide spectrum of action against plant pathogens such as: Black Sigatoka (*Mycosphaerella fijiensis*), Sheath Blight of Rice (*Phaeodictyon sp.*), Late Blight (*Phytophthora infestans*), Anthracnose (*Colletotrichum gloeosporioides*), Grey Mould Disease (*Botrytis cinerea*), Powdery Mildew (*Oidium spp.*), Downy Mildew (*Plasmopara viticola*), Coffee Rust (*Hemileia vastatrix*), and other common pathogenic plant fungi. Please contact the company for the further harmful fungi list (appendix of the product SDS).

GUARANTEED ANALYSIS

Active Ingredients	2.00%
Biofiller (sp.)	98.00%
Contains a minimum of 1.0 x 10 ¹⁰ colony-forming units per milliliter	
Other Ingredients:	98.00%
Total:	100.00%

ATTENTION
Please read and follow the SDS instructions for safety precautions, cleaning, and maintenance of PPE (Personal Protection Equipment) **Not for human consumption. Keep out of reach of children.**

STORAGE
Store indoors in a cool, dry place. Close packets if not fully used. Shake well. Wash exposed areas thoroughly with soap and water after handling. Avoid eye contact.

WARRANTY LIMITATIONS
Any liability, expressed or implied, is limited to the purchase price of this product.

MADE IN USA

Net Wt. 1 liter

Manufactured by: **MicrobeBio® Inc.**
28925 Nichols Savinell Rd,
Magnolia, TX 77355
www.microbebio.com
info@microbebio.com

GENERAL APPLICATION AND DILUTION INSTRUCTION
Apply 400 ml MicrobeBio X5™ into at least 20 liters of non-chlorine water ** Continue to dilute the mixture into at least 200 liters of non-chlorine water *** to treat 1 hectare.

** While diluting or spraying crops, the growers can dilute the product into chlorinated water after the chlorinated water has been standing for over 24 hours in an open container that allows chlorine gas to dissipate. For optimal results, we recommend using MicrobeBio X5™ in a combination with other MicrobeBio® products.

ការគ្រប់គ្រងជំងឺតាមជីវសាស្ត្រ

X5™ ជួយការពារដំណាំពីជំងឺសំខាន់ៗដលៃបង្កកង្វះខាតដោយផលិត និងហាក់តិរី។

គ្រប់គ្រងជំងឺស្បូវ (RICE)

- ជំងឺរលាកស្បូវស្បូវ
- ជំងឺរលួយស្បូវទាបស្បូវ
- ជំងឺចំណុចគុនភោក

ពោត

- ជំងឺច្រពុះ
- ជំងឺចំណុចប្រផ្សេងលើស្បូវ
- ជំងឺ Fusarium

ចកេ

- ជំងឺសីហ្សាតូកា
- ជំងឺរលួយប្រូស

ដើមឈើហូបផល

- ជំងឺអាត់ត្រាក់ណូស
- ជំងឺផលិតមុស
- ជំងឺរលួយផល

បន្ទុល

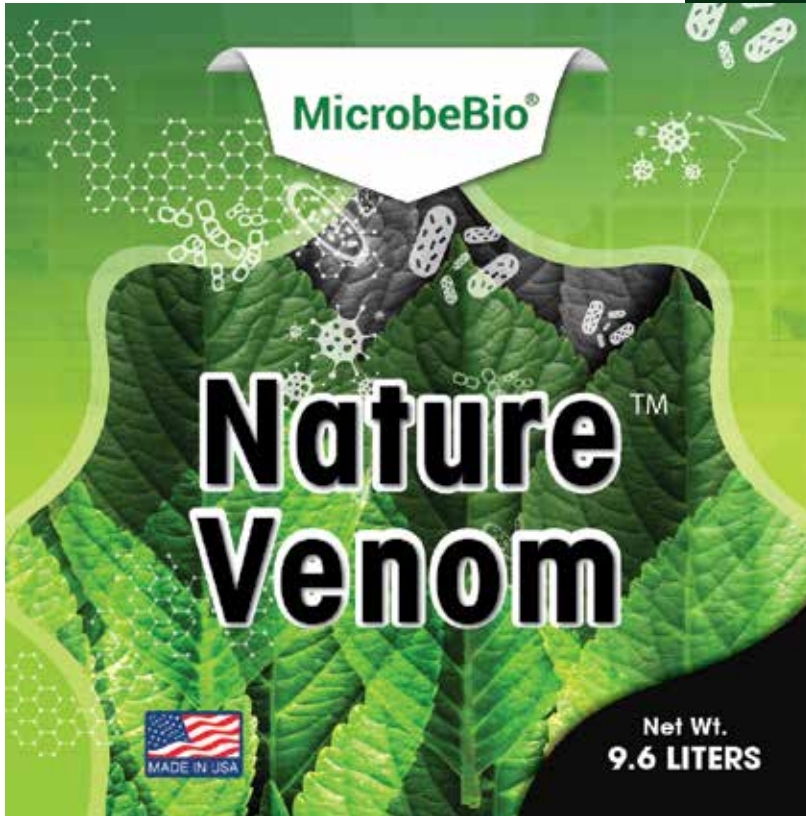
- ជំងឺដួលរលំកូនដំណាំ
- ជំងឺស៊ុរិក Fusarium
- ជំងឺរលួយស្បូវដំណាំកាលដំបូង
- ជំងឺរលួយស្បូវដំណាំកាលចុងក្រោយ

អត្ថប្រយោជន៍

- កាត់បន្ថយសម្ពាធនៃជំងឺលើដំណាំ
- បង្កើនភាពរឹងមាំ និងសុខភាពរុក្ខជាតិ
- បង្កើនទិន្នផល
- កែលម្អអគុណភាពដំណាំ និងផលិតផលកសិកម្ម



MICROBEBIO NATURE VENOM™



សារធាតុបណ្តុះបណ្តាលសត្វល្អិតពីរុក្ខជាតិ

មុខងារ

- បណ្តុះបណ្តាលសត្វល្អិត
- កាត់បន្ថយការបរិភោគរបស់សត្វល្អិត
- វិនាសឥរិយាបថសត្វល្អិត
- គាំទ្រកម្មវិធីគ្រប់គ្រងសត្វល្អិតរួមបញ្ចូលគ្នា

អត្ថប្រយោជន៍

- កាត់បន្ថយសម្ពាធសត្វល្អិត
- កាត់បន្ថយការប្រើប្រាស់ថ្នាំគីមី



MICROBEBIO GREEN FURY™



ជំរុញបុរេនុធារណៈ ធម្មជាតិរបស់ដំណាំ

មុខងារ

- បណ្តុះបណ្តាលសត្វល្អិត
- ជំរុញបុរេនុធារណៈស្រូវក្នុងដំណាំ
- បង្កើនភាពធន់របស់ដំណាំ
- កាត់បន្ថយការរាតត្បាតសត្វល្អិត



MICROBEBIO X6™



ការគ្រប់គ្រងសត្វល្អិត កម្មវិធីខ្ពស់

អត្ថប្រយោជន៍

- ការគ្រប់គ្រងជីវសាស្ត្រកាន់តែមានប្រសិទ្ធភាព
- ការការពារហានិភ័យ
- កាត់បន្ថយការបន្តពូជសត្វល្អិត
- ប្រសិទ្ធភាពខ្ពស់ក្នុងវាលស្រែ



MICROBEBIO AQUA CAL™



STRONGER SOIL. STRONGER CROPS. BETTER RESULTS.

INTRODUCTION

MICROBEBIO AQUA CAL 500™ is a bio-activated liquid cellulose formulation designed to rapidly improve soil conditions, enhance nutrient availability, and support strong rice growth.

The product delivers highly available cellulose combined with organic complexing agents to improve soil structure, stimulate root development, and promote early crop establishment.

When used as part of an integrated system, it supports natural weed suppression by improving crop competitiveness.

GENERAL APPLICATION

Soil Application: 5-10 L/ha

Apply:

- After tilling
- Before or during early flooding
- Early vegetative stage

KEY BENEFITS

- Fast soil activation
- Improved nutrient efficiency
- Stronger root systems
- Faster canopy development
- Reduced weed competition
- Increased yield and grain quality
- Lower input costs over time

GUARANTEED ANALYSIS

Calcium (Ca)	≥ 8.0%
Organic Acids (Asaetate Complex)	Proprietary
Humic Substances	≥ 2.0%
Fulvic Acid	≥ 1.0%
Amino Acids	≥ 1.0%
Trace Elements (Zn, B)	< 0.8%

WARRANTY LIMITATIONS

This product contains chemical preservatives which may be the intended recipient if you are not the intended recipient, or not shown, approved, or used for any other purpose. Please refer to the product information for details on storage from your system. Error transmission is not guaranteed to be correct or error free, as information may be incomplete, inaccurate, and outdated, deleted, interrupted, or contain viruses. The sender accepts no liability for any viruses or malware in this message resulting from email transmission.

STORAGE

Store between 5°C and 30°C. Do not store above 30°C. Store in a cool, dry place. Store in a cool, dry place. Store in a cool, dry place. Store in a cool, dry place. Store in a cool, dry place.

ATTENTION

Please read and follow SDS instructions for safety, handling, storage, and maintenance of this product. (If you are a Professional User, please refer to the SDS for more information.)

BATCH No.: MB-E-013002020
EXP. DATE: 12/31/2025

Manufactured by:
MicrobeBio Inc.
100611 Chancelor Ln C, Building C,
Huntington Beach, CA 92649



website: www.microbebio.com

info@microbebio.com

Net Wt. 1kg

កែលម្អដី និងជួយ ទប់ស្កាត់ស៊ីម៉ង់

មុខងារ

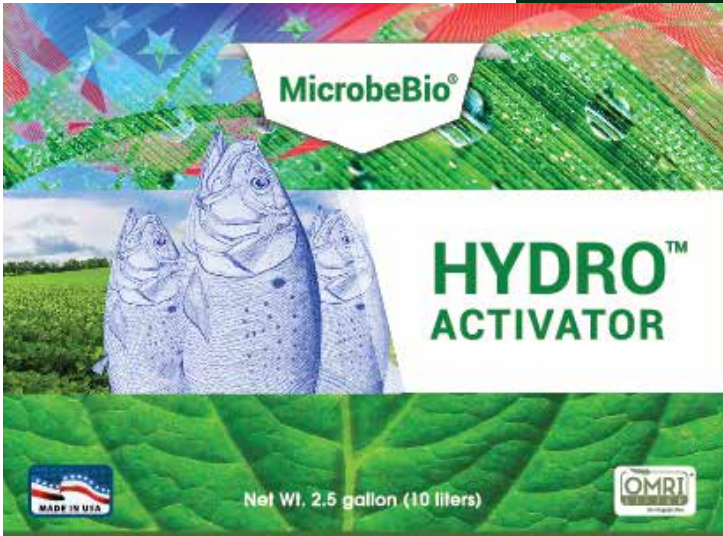
- បង្កើនការប្រើប្រាស់កាល់ស្យូម
- កែលម្អអរចនាសម្ព័ន្ធធម្មជាតិ
- ជួយឱ្យគុណភាពសារធាតុចិញ្ចឹមប្រសើរ
- កាត់បន្ថយការប្រកួតប្រជែងពីស៊ីម៉ង់

អត្ថប្រយោជន៍

- ការលូតលាស់រឹងមាំ
- ឫសលូតលាស់ល្អ
- កាត់បន្ថយសម្ពាធស៊ីម៉ង់



MICROBEBIO HYDRO ACTIVATOR™



MICROBEBIO® HYDRO ACTIVATOR™

This liquid bio-fertilizer is an excellent natural organic matter with primary nutrients (NPK), slow-released Nitrogen sources, more than 40 minerals, and beneficial microorganisms that can be applied to the root zone of plants and/or sprayed directly onto leaf surfaces throughout the growing season. Provide healthy bio-available source of food and energy for soil microbes. Our product improves the biochemical processes such as carbon cycle, nitrogen cycle, mineralization, and decomposition. It has the ability to lock, convert, stabilize and increase nitrogen in the soil. Our products work from the soil up to the plant.

THE BENEFITS

- Stimulate biological activity by increasing microbial colony.
- Provide healthy bio-available source of food and energy for soil microbes.
- Stimulate plant growth and increased yield.
- Deliver primary nutrients (NPK).
- Breakdown acidity and heavy metal contamination in soils.
- Regulate pH in acid or alkaline conditions.
- Increases BRIX levels.
- Increase organic matter in the soil to enhance strength and vigor of plants.
- Increase Carbon source.
- Increase Chlorophyll Content.
- Enhance natural defenses against pests, and plant diseases.
- Improve water retention and increase drought tolerance.
- Improve soil structure.
- Effectively break down nutrients to make available to plant roots.
- Increase soil fertility.
- Offer a source of sulfur-free nitrogen.
- Enhance microorganisms in the soil the soil.

GENERAL APPLICATION

- **Application:** Using 8 liters to treat 1 hectare. (For optimal results, we recommend to use Hydro Activator™ in combination with other MicrobeBio products. Consult product literature for specific crop rotation schedules.)
- **Dilution:** Dilute each application of product into at least 200 liters of non-chlorine water** to treat 1 hectare.

WARRANTY LIMITATIONS

This information contained on this label is believed to be accurate and reliable. There are no warranties or claims beyond the guaranteed analysis on the face hereof. All claims against pesticides are limited to measurement of product or volume of pesticide used, or otherwise specified by law. The buyer's knowledge and assumes all liability resulting from the use of this material. Spraying, method of application, weather, crop conditions, and other factors are beyond the control of the seller. MICROBEBIO DOES NOT GUARANTEE UNLIMITED MINERALIZATION, DEPENDENT ON INPUTS, INCLUDING BUT NOT LIMITED TO THE WARRANTY ON MERCHANTABILITY OR WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. In no event shall MICROBEBIO be liable for damages resulting from the use of this product under any special, consequential or incidental damages of any kind.

GUARANTEED ANALYSIS

Nutrients	Specification
Total Nitrogen (N)	5.25%
4.34 % Water Soluble Nitrogen	
0.91 % Water Insoluble Nitrogen	
Available Phosphate (P ₂ O ₅)	4.00 %
Soluble Potash (K ₂ O)	3.00 %

ATTENTION

Please read and follow all instructions for safe application, storage, and maintenance of PPE (Personal Protective Equipment). Not for human consumption. Keep out of reach of children.

Batch No.:

Exp. Date:



Manufactured By:
MicrobeBio Inc.
25020 Avenida General del
Magallon, TX 77565

website: www.microbebio.com

email: info@microbebio.com

សារធាតុបង្កកើន សារធាតុចិញ្ចឹមពីត្រី

Hydro Activator™ ផ្តល់សារធាតុចិញ្ចឹមដល់រុក្ខជាតិអាច
សរុបយកបានយ៉ាងឆាប់រហ័ស អាមីណូអាស៊ីតវិភាមិ និងសារធាតុ
រ៉ែចាំបាច់ក្នុងបរិមាណតិច (Trace Minerals)។

មុខងារ

- ផ្តល់សារធាតុចិញ្ចឹមបានយ៉ាងឆាប់រហ័ស
- បំពេញអាមីណូអាស៊ីតចាំបាច់សម្រាប់រុក្ខជាតិ
- ជំរុញសកម្មភាពរបស់មីក្រូសរីរាង្គគ្មានបុរេយោជន៍
- គាំទ្រដំណើរការមតោបូលិច និងការលូតលាស់របស់រុក្ខជាតិ
អតិថបុរេយោជន៍

ស្បូវ (Rice)

ជួយឱ្យគុកស្បូវរុក្ខជាតិ និងមានទម្ងន់ល្អ

ពោត (Corn/Maize)

ជួយឱ្យគុកពោតអភិវឌ្ឍឈាសល្អ និងពង្រួសពុរ

ចកេ (Banana)

បង្កកើនទំហំ និងទម្ងន់ដុល្លែចកេ

ដើមឈើហូបផល (Fruit Trees)

ជួយបង្កកើនទំហំផល និងគុណភាពផល

បន្ទុល (Vegetables)

ជំរុញការលូតលាស់ និងបង្កកើនគុណភាពផលិតផលកសិកម្ម



បុរេនុធនហបុរេតិបត្តិការពង្រួលញ្ជ MICROBEBIO®

មូលដ្ឋានឌី

- **BIOCORE™ + RHIZO ACTIVATOR™ + AQUA CAL™**
- បង្កកើនជីជាតិដី សកម្មភាពជីវសាស្ត្រ និងភាពអាចរកបាននៃសារធាតុចិញ្ចឹម។

ការការពារប្រូស

- **X1™ + AQUA ACTIVATOR™**
- ការការពារបុរេនុធន ខណៈពេលបង្កកើនការស្រូបយកសារធាតុចិញ្ចឹមឱ្យបានអតិបរមា។

អាហារូបត្ថម្ភ

- **HYDRO ACTIVATOR™ + FOLIAR™ + NATURE PHENOM™**
- ផ្តល់អាហារូបត្ថម្ភមានគុណភាព និងការបង្កកើនបុរេនុធនភាពសម្រាប់ដំណាំជាកំណាក់។

ការគ្រប់គ្រងសត្វល្អិត

- **X3™ + X3-SB™ + NATURE VENOM™ + GREEN FURY™ + X6™**
- ផ្តល់ការគ្រប់គ្រងសត្វល្អិតតាមជីវសាស្ត្រចុះស្រូវទាប។

ការគ្រប់គ្រងជំងឺ

- **X5™**
- ការការពារដំណាំពីជំងឺសំខាន់ៗដល់បង្កកើនដោយផ្ទុះ និងហាក់តមី។

ការការពារពីសុត្រសេ

- **NANO S9™**
- បង្កកើនភាពធន់នឹងគ្រោះរាំងស្ងួតកម្ពុជា ការដួលរលំរបស់ដំណាំ និងសុត្រសេបរិសុទ្ធ។

លទ្ធផល ចុងក្រោយ



នរោត្តមបុរីជាបុរីនុយមគុណ MicrobeBio®
ជួយឱ្យកសិករទទួលបាន៖

- ទិន្នផលខ្ពស់ជាងមុន
- គុណភាពដំណាំបុរសើរឡើង
- កុលីន និងរសជាតិបុរសើរ
- តម្កល់អាហារូបត្ថម្ភខ្ពស់
- កាត់បន្ថយការខូចខាតដោយសត្វល្អិត
- កាត់បន្ថយជំងឺ
- បុរីនុយមស្រីងមាំ
- បុរីបុរសសារធាតុចិញ្ចឹមមានបុរសិទ្ធភាព
- កាត់បន្ថយការបុរីបុរសសារធាតុគីមី
- សុខភាពដីបុរសើរឡើង
- បង្កកើនការសុត្តកកប្រូតេអ៊ីន
- និរន្តរភាព និងបុរក់ចំណេញកាន់តែបុរសើរ

បុរីនុយមលិតកម្មមជ្ឈិមសាស្ត្រពេញលេញនេះ
ត្រូវបានរចនាឡើងដើម្បីបង្កកើនសុខភាព
នុយមបុរសើររបស់សួរ ពោត ចកេ ដើមឈើ
ហូបផល និងបន្ថយ ខណៈពេលដលៃការពារ
បរិសុទ្ធន និងបង្កកើនផលិតភាពកសិកម្ម
រយៈពេលវែង។

