



MicrobeBio[®]
NATURE PHENOMENON

AQUA ACTIVATOR PRODUCT



PRODUCTS DESCRIPTION

MicrobeBio® X1™ reduces the pathogenic nematode population protecting the root system and promoting the growth, yields, and quality of all types of plants.

The product controls and regulates many plant pathogenic nematodes, such as *Ditylenchus* sp.; *Helicotylenchus* sp.; *Meloidogyne* sp.; *Radopholus* sp.; *Pratylenchus* sp.; *Rotylenchulus* sp.; *Tylenchus* sp.

MicrobeBio® X1™ parasitizes all of the reproductive stages of plant pathogenic nematodes, specifically focused on eggs and females. The acidic pH conditions produce a toxin that attacks the nervous system of the nematodes and causes deformations and destruction of the ovaries, which reduces egg fertility. MicrobeBio® X1™ reduces the nematode population, significantly protecting the plant's root system. By adding this layer of protection, the roots can develop and grow freely into a healthy root system. While MicrobeBio® X1™ rids the plant of pathogenic nematodes, it, in turn, promotes the reproduction and growth of beneficial nematodes, along with phosphorus and nitrogen-fixing microorganisms, allowing the plant to absorb more nutrients by the healthier grown root system.

MicrobeBio® X1™ reduces the pathogenic nematode population in the soil and promotes the growth, yields, and quality of all plants.



TREATMENT

Nematode: *Ditylenchus* sp.; *Helicotylenchus* sp.; *Meloidogyne* sp.; *Radopholus* sp.; *Pratylenchus* sp.; *Rotylenchulus* sp.; *Tylenchus* sp.

GENERAL APPLICATION

Prevent: agitate 100 g MicrobeBio® X1™ into at least 200 liters of non-chlorine water ** to treat 1 hectare.

Treat: agitate 400 g MicrobeBio® X1™ into at least 200 liters of non-chlorine water ** to treat 1 hectare.

Note: Water and treat for pests and diseases every 3 weeks until the disease no longer appears.



MicrobeBio® X2™ is a revolutionary biological probiotic formula designed to treat citrus canker symptoms. The product features natural ingredients that target soil-borne fungi, such as *Aspergillus* spp., *Pythium* spp., *Fusarium* spp., and *Phytophthora* spp. It also helps fight bacterial infection, bacterial wilt, blight, scab, and other issues commonly found in citrus plants. Upon application of the treatment, users will observe yellow to brown lesions on stems, fruits, and the upper and lower sides of leaves beginning to disappear over time. This powerful formula provides an effective solution for those looking to prevent or cure citrus canker disease caused by fungal or bacterial infections.

GENERAL APPLICATION AND DILUTION INSTRUCTION

Once the infected branches and fruit have been pruned, spray all components of the tree with Consortia X2. Dispose of any pruned branches completely by burning them or burying them in an isolated location. To prevent infection, use 1 kg of MicrobeBio® X2™ per hectare mixed into 400 liters of non-chlorinated water for treatment. Regularly inspect plants for signs of infection and treat them immediately if symptoms are observed. Also, ensure trees are receiving adequate nutrition to help boost their immunity against disease.

MicrobeBio® X2™ is best used when the sun is not at its strongest. It should be applied in the morning or late afternoon, as direct sunlight can damage the active microorganisms and make them less effective



MicrobeBio®

X2

INTRODUCTION
MicrobeBio X2™ proprietary biological probiotic formula effectively treats citrus canker symptoms, yellow to brown spots (lesions) observed on stems, fruits, and the leaves upper & lower sides.
MicrobeBio X2™ Fungal treatment: Soil-borne (Aspergillus spp., Pythium spp., Fusarium spp., and Phytophthora spp.), etc.
MicrobeBio X2™ Bacterial treatment: Bacterial Infection, Bacterial Wilt, Blight, scab, etc.

GUARANTEED ANALYSIS
CONTAINS NON-PLANT FOOD INGREDIENTS**
Bacteria: 100,000,000 CFU per gram
Microbial Cell Inoculant 1.92%
Inert Ingredients (Diatom, Soy Lecithin) 98.08%
** Other inert ingredients derived from inorganic nutrients and organic matter
*** As microbial is considered naturally-derived, non-pathogenic, non-toxic, non-GMO, non-hazardous, and non-carcinogenic, all microorganisms are not considered to be pathogenic, for household or livestock.

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 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
First, Prune the infected branches then spray the X2 Concentrate in all branches properly.
Secondly, dispose of the infected branches completely.
Prevent: 300 g MicrobeBio X2™ into at least 400 liters of non-chlorine water ** to treat 1 hectare.
Treat: 1 kg MicrobeBio X2™ into at least 400 liters of non-chlorine water ** to treat 1 hectare.

Net Wt. 1KG

Manufacturer:
MicrobeBio Inc.
25425 Nichols Drive
Magnolia, TX 77058
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MADE IN USA

TREATMENT

Fungal: Soil-borne (*Aspergillus spp.*, *Pythium spp.*, *Fusarium spp.*, and *Phytophthora spp.*), etc
Bacterial: Bacterial Infection, Bacterial Wilt, Blight and scab, etc

GENERAL APPLICATION

Prevent: agitate 100 g MicrobeBio® X2™ into at least 200 liters of non-chlorine water ** to treat 1 hectare.

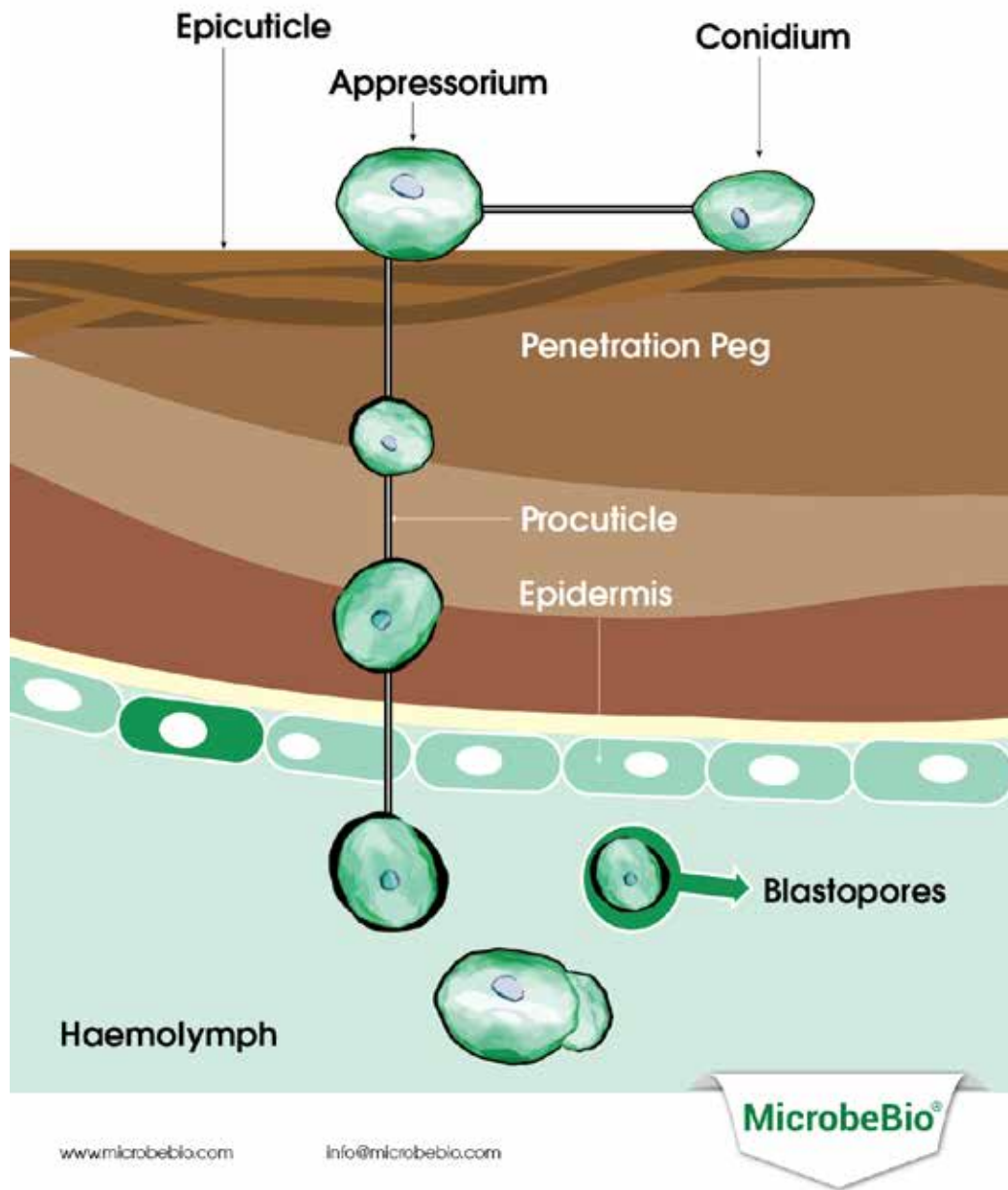
Treat: agitate 400 g MicrobeBio® X2™ into at least 200 liters of non-chlorine water ** to treat 1 hectare.

Note: Water and treat for pests and diseases every 3 weeks until the disease no longer appears.



MicrobeBio® X3™ is a powerful solution for addressing harmful pests and insects in your garden lawn or field. This unique combination of predatory bacteria and beneficial fungi works to attack a broad range of destructive bug species, using a combination of soil-borne bacteria and specialized toxin crystals. The bacteria, known as microbe spores, are toxic to certain insect species when consumed. These spores work by attaching to the digestive system of their prey and releasing poisonous crystals that disrupt their function. Thanks to its combination of multiple beneficial microbes and its broad spectrum of action, MicrobeBio® X3™ is an effective way to keep your garden, lawn, or field healthy, thriving, and free from harmful pests. So if you're looking for safe and effective pest management, be sure to give MicrobeBio® X3™ a try! One key player in this process is MicrobeBio® X3™, a robust strain of fungi developed by scientists specifically for use in controlling disease-causing pests. By producing specially-engineered cyclic peptides, this potent organism is able to suppress the growth and reproduction cycles of even the hardest insects. Furthermore, MicrobeBio® X3™ has proven quite effective at spreading across entire fields and landscapes, making it an ideal choice when it comes to protecting crops from damage due to infestations of harmful insects. So if you are looking for an efficient way to manage insect populations and protect your valuable crops from disease, look no further than MicrobeBio® X3™

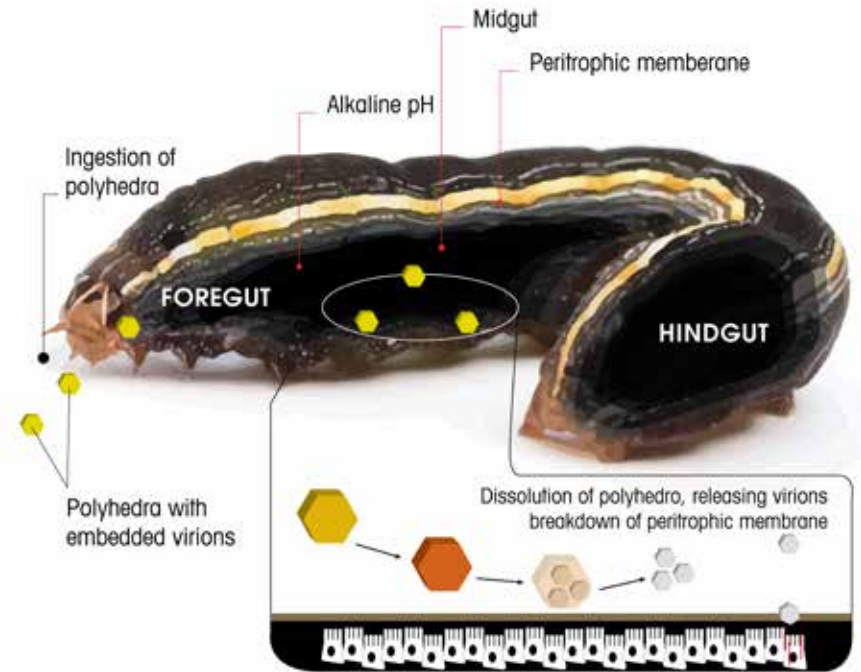
MicrobeBio® X3™ is a highly effective and safe insecticide with a number of important benefits. Unlike many other toxic pesticides, it is harmless to birds, fish, and warm-blooded creatures, making it an ideal choice for people who care about the health of the environment. In addition, MicrobeBio® X3™ is extremely effective at controlling pest populations, quickly destroying insects like roaches, ants, beetles, termites, and flies.



Primary Mode of Action:

MicrobeBio® X3™ is a powerful new biopesticide that harnesses the power of novel microbes to control and eliminate harmful insects. These special microbes target specific pests by harming their digestive system, preventing them from digesting food properly and eventually leading to their death. MicrobeBio® X3™ is also very effective in targeting less common insect species due to its unique action mechanism. Additionally, this innovative biopesticide has been shown to improve water efficiency in the field by increasing the amount of organic matter it can break down. Unlike traditional pesticides, MicrobeBio® X3™ is non-toxic, easy to use, and highly cost-effective—making it an excellent choice for farmers looking for a more environmentally-friendly and sustainable way to protect their crops.

MicrobeBio® X3™ is a powerful and innovative tool for protecting crops from harmful insects. This unique bacterium manipulates the gut of certain bugs, preventing them from digesting food and ultimately killing them. Because birds, fish, and other animals with acidic guts are not impacted by MicrobeBio® X3™, it is a highly effective and environmentally friendly alternative to chemical pesticides. Additionally, it helps to conserve water by increasing organic matter in the field. With no need for heavy application or special handling procedures, MicrobeBio® X3™ is an incredibly valuable tool for modern farmers looking to protect their crops while minimizing environmental impact.



MicrobeBio® X3™ is a type of entomopathogenic fungus known for its ability to rapidly kill insect pests. These spores, cysts, and mycelia must come into direct contact with the host in order to be effective. Once an insect has been infected by these microbes, they rapidly grow inside the host, feeding on its body and producing toxins that eventually cause its death. When the host insect dies, it is then covered in a layer of white mold that produces even more infectious spores. Thus, this biocontrol method can be incredibly effective in eradicating pest populations and protecting crops from damage. Overall, MicrobeBio® X3™ represents an innovative and highly reliable strategy for managing harmful insects naturally.



MicrobeBio®
X3

INTRODUCTION
MicrobeBio X3™ contains proprietary beneficial biologicals shown to be effective for the prevention and suppression of soft-bodied insects such as Alfalfa Weevil, Aphids, Apple Clearwing Moth, Fall Army Worms, Bark Beetles, Bean Leaf Beetle, Best Leafhopper, Beetles, Black Vine Weevil, Boll Weevil, Cabbage Looper, Cabbage Worm, Cane Borer, Caterpillars, Cereal Leaf Beetle, Chinch Bugs, Coffee Borer Beetle, Codling Moth, Colorado Potato Beetle, Corn Borer, Cucumber Beetle, Douglas Fir Tussock Moth, Emerald Ash Borer, Fire Ants, Fungus Gnats, Grasshoppers, Greenhouse Whitefly, Invasive Silkworms, Japanese Beetle, Lygus Bugs, Mealybugs, Mexican Bean Beetle, Mites, Psyllids, Red Palm Weevil, Shore Flies, Stem Borers, Stink Bugs, Strawberry Root Weevil, Termites, Thrips, Whiteflies, White Grubs, ...

GUARANTEED ANALYSIS
CONTAINS NON-PLANT FOOD INGREDIENTS**
Bacteria: 100,000,000 CFU per gram
Microbial Soil Inoculant: 1.92%
Inert Ingredients (Dextrose, Soy Lecithin) 98.08%

ATTENTION
Please read and follow the SDS instructions for safety precautions, cleaning and maintenance of PPE (Personal Protection Equipment) and for animal 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 500 g MicrobeBio X3™ into at least 10 liters 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.

MANUFACTURED BY
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MADE IN USA

Net Wt. 1 KG

TREATMENT

PEST: Alfalfa Weevil, Aphids, Apple Clearwing Moth, Fall Army Worms, Bark Beetles, Bean Leaf Beetle, Best Leafhopper, Beetles, Black Vine Weevil, Boll Weevil, Cabbage Looper, Cabbage Worm, Cane Borer, Caterpillars, Cereal Leaf Beetle, Chinch Bugs, Coffee Borer Beetle, Codling Moth, Colorado Potato Beetle, Corn Borer, Cucumber Beetle, Douglas Fir Tussock Moth, Emerald Ash Borer, Fire Ants, Fungus Gnats, Grasshoppers, Greenhouse Whitefly, Invasive Silkworms, Japanese Beetle, Lygus Bugs, Mealybugs, Mexican Bean Beetle, Mites, Psyllids, Red Palm Weevil, Shore Flies, Stem Borers, Stink Bugs, Strawberry Root Weevil, Termites, Thrips, Whiteflies, White Grubs, ...

GENERAL APPLICATION

Prevent: agitate 100 g MicrobeBio® X3™ into at least 200 liters of non-chlorine water ** to treat 1 hectare.

Treat: agitate 400 g MicrobeBio® X3™ into at least 200 liters of non-chlorine water ** to treat 1 hectare.

Note: Water and treat for pests and diseases every 3 weeks until the disease no longer appears.

Unleash the Potential of Biofungicide X5: Nurturing Stronger Crops, Naturally

In today's dynamic world of agriculture, the quest for sustainable and eco-conscious crop protection solutions has reached unprecedented heights. Enter Biofungicide X5, a pioneering product poised to redefine your approach to safeguarding crops.

Biofungicide X5 brings forth the power of nature, offering an array of advantages that not only protect your crops but also elevate their overall health. Let's delve into why Biofungicide X5 is your gateway to nurturing stronger, more resilient plants while effectively combating a multitude of plant diseases.

1. Comprehensive Disease Management

Bid farewell to the relentless battle against plant diseases. Biofungicide X5 provides robust protection against a broad spectrum of plant pathogens, ensuring your crops flourish throughout the growing season. These include:

Black Sigatoka (<i>Mycosphaerella figiensis</i>)	Grey Mildew Disease (<i>Ramularia areola</i>)
Sheath blight of Rice (<i>Rhizoctonia solani</i>)	Powdery Mildew (<i>Oidium spp.</i>)
Late Blight (<i>Phytophthora infestans</i>)	Downy Mildew (<i>Pernospora sparsa</i>)
Anthracnose (<i>Colletotrichum gloesporioides</i>)	Coffee Rust (<i>Hemileia vastatrix</i>)

And various other common pathogenic plant fungi (For a detailed list, please contact the company or refer to the product SDS)

2. Eco-Friendly Solution

Preserving our environment for future generations is paramount. Biofungicide X5 is a natural, environmentally friendly alternative to chemical pesticides, aligning perfectly with sustainable agriculture practices that prioritize both crop health and the well-being of our planet.

3. Enhanced Crop Quality

Healthy plants yield superior results. With Biofungicide X5, you'll witness a remarkable enhancement in crop quality, potentially leading to higher market value and increased profitability. Expect crops that not only look better but also taste better.

4. Reduced Chemical Dependency

Say farewell to the overuse of synthetic pesticides. Biofungicide X5 minimizes the need for chemical intervention, reducing the chemical load on your crops and the surrounding ecosystem. This results in a safer and more sustainable agricultural landscape.

5. Resilience in Challenging Conditions

Nature can be unpredictable, but Biofungicide X5 equips your crops with the resilience to withstand adverse conditions. Whether it's unexpected weather events or shifting environmental factors, this product provides an additional layer of protection.

6. Compatible with Integrated Pest Management (IPM)

Biofungicide X5 seamlessly integrates with your existing pest management strategies, making it an ideal choice for growers looking to adopt holistic and sustainable approaches to crop protection.

7. Effortless Application

Simplicity is key. Biofungicide X5 boasts an easy application process, saving you valuable time and effort. Its user-friendly nature ensures that you can protect your crops without unnecessary hassle, resulting in a smoother and more efficient farming experience.

8. Rice Blast Defense

Biofungicide X5 is especially effective against Rice blast (*Magnaporthe grisea*), further enhancing its utility in rice cultivation. This added capability ensures your rice crops receive targeted protection against this specific threat, giving you peace of mind during the growing season.

In conclusion, Biofungicide X5 represents more than just a product; it's a game-changer for modern agriculture. With its unparalleled benefits and the ability to combat a wide range of plant diseases, it empowers growers to protect their crops naturally, sustainably, and effectively. Make the switch to Biofungicide X5 today and witness the transformation in your crop protection efforts. Your plants will thank you, and so will the planet.



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 (*Mycophaeeria sigiensis*), Sheath Blight of Rice (*Shearblightia oryzae*), Late Blight (*Phytophthora infestans*), Anthracnose (*Colletotrichum gloeosporioides*), Grey Mildew Disease (*Oomycetes*), Powdery Mildew (*Oidium* spp.), Downy Mildew (*Peronospora* spp.), Coffee Rust (*Hemileia vastatrix*), and other common pathogenic plant fungi. (Please contact the company for the further harmful fungi list appendix or the product SDS).

GUARANTEED ANALYSIS

Active Ingredients	
Bacillus spp.	2.00%
Contains a minimum of 1 x 10 ¹⁰ colony-forming units per milliliter.	
Other Ingredients:	98.00%
Total:	100.00%

All microbial and/or biological is considered naturally-derived nonpathogenic, non-toxic, non-GMO, non-hazardous, and non-corrosive. All microorganisms are not considered to be pathogenic for livestock or poultry.

As this is a 100% natural organic product there may be up to ± 15% tolerance from batch to batch.

ATTENTION
Please read and follow the SDS instructions for safety precautions, storage, 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 100 ml MicrobeBio X5™ vials of least 10 liters of non-chlorine water ** to treatment.

** While diluting or injecting crops the grower 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.

Manufacturer By:
MicrobeBio Inc.
28505 Nicolas Street Rd.
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www.microbebio.com
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NET WT. 500G

MADE IN USA



TREATMENT

Fungal: *Phytophthora sp.*, *Rhizoctonia sp.*, *Fusarium sp.*, *Corticium salmonicolor*, *Colletrichum gloeosporioides*, *Cephaleuros virescens*, *Magnaporthe grisea*, *Fusarium moniliforme*, *Cochliobolus miyabeanus*, *Ustilaginoidea virens*, *Cercospora leaf spot*, *Cercospora oryzae*, *Magnaporthe grisea*, *Rhizoctonia solani*, *Magnaporthe salvinii*.

GENERAL APPLICATION

Prevent: agitate 100 g MicrobeBio® X5™ into at least 200 liters of non-chlorine water ** to treat 1 hectare.

Treat: agitate 400 g MicrobeBio® X5™ into at least 200 liters of non-chlorine water ** to treat 1 hectare.

Note: Water and treat for pests and diseases every 3 weeks until the disease no longer appears.

Effective Golden Apple Snail Control: MicrobeBio® X8™ is specifically designed to prevent and suppress outbreaks of the Golden Apple Snail family, safeguarding your ecosystem.

Balanced Ecosystem: Our solution promotes a balanced and healthy ecosystem by reducing the need for harmful chemical pesticides.

Comprehensive Snail Control: MicrobeBio® X8™ takes a multi-faceted approach to Golden Apple Snail control, ensuring long-term protection.

Benefit to All Microbes: While targeting snail control, it also fosters the growth and vitality of beneficial microorganisms in your ecosystem.

Environmental Protection: MicrobeBio® X8™ prioritizes environmental protection, allowing you to mitigate snail threats without harming the environment.

Choose MicrobeBio® X8™ for a holistic and eco-friendly solution to Golden Apple Snail control, preserving your ecosystem's harmony and health.



Safeguarding Ecosystems, Combating Golden Apple Snail Infestations

MicrobeBio® X8™ is an environmentally responsible solution fortified with a unique consortium of beneficial microorganisms, each with a specific focus on controlling and preventing outbreaks of the Golden Apple Snail family. This includes Channeled Apple Snails, Golden Apple Snails, Spike-Topped Apple Snails, Viviparidae, Pomacea paludosa, Pomacea lineata, Marisa cornuarietis, Pila, Asolene, Lanistes, and more.

Our formula features a diverse array of microbes, including *Bacillus subtilis*, *Trichoderma harzianum*, and *Azotobacter*, each with essential roles in maintaining ecological balance and combating the menace posed by Golden Apple Snails.

The Microbial Defenders:

- These microorganisms are the cornerstone of our formula, playing a pivotal role in Golden Apple Snail control.
- These beneficial fungi bolster the ecosystem's resilience against snail infestations.
- These microorganisms contribute to a balanced environment while mitigating the threat of snail outbreaks.

Comprehensive Snail Control: MicrobeBio® X8™ takes a multi-pronged approach to Golden Apple Snail control. It not only targets the snails directly but also creates an environment

conducive to their natural predators. This comprehensive strategy ensures the long-term protection of your ecosystem.

Balanced Ecosystem: By harnessing the power of beneficial microorganisms and fungi, MicrobeBio® X8™ minimizes the need for harmful chemical pesticides, preserving the ecological harmony of your surroundings.

Benefit to All Microbes: While our formula is primed for Golden Apple Snail control, it fosters the growth and vitality of all beneficial microorganisms in your ecosystem. This includes organisms such as *Paecilomyces lilacinus*, entomopathogenic fungi, *Pseudomonas fluorescens*, *P. aeruginosa*, and more. By bolstering these microorganisms, MicrobeBio® X8™ contributes to the health of your soil and the well-being of your entire ecosystem.

Safeguarding the Environment: MicrobeBio® X8™ prioritizes environmental protection, ensuring that your ecosystem remains in balance while combatting Golden Apple Snail infestations. With our solution, you can mitigate the snail threat without harming the environment.

Choose MicrobeBio® X8™ for an eco-friendly, balanced approach to Golden Apple Snail control. Protect your ecosystem, nurture beneficial microorganisms, and promote a healthier environment. With MicrobeBio® X8™, you're not just preventing snail outbreaks; you're cultivating ecological harmony.



TREATMENT

SNAIL: Channeled apple snails or Golden Apple snails, Spike-topped apple snail, Viviparidae, Pomacea paludosa, Pomacea lineata, Marisa cornuarietis, Pila, Asolene, Lanistes,

GENERAL APPLICATION

Prevent: agitate 100 g MicrobeBio® X8™ into at least 200 liters of non-chlorine water ** to treat 1 hectare.

Treat: agitate 400 g MicrobeBio® X8™ into at least 200 liters of non-chlorine water ** to treat 1 hectare.

Note: Water and treat for pests and diseases every 3 weeks until the disease no longer appears.

INTRODUCTION
MicrobeBio X8™ contains value-added biologicals shown to be effective for the prevention and suppression outbreak of the Golden apple snails family such as Channeled apple snail or Golden Apple snail, Spike-topped apple snail, Viviparidae, Pomacea paludosa, Pomacea lineata, Marisa cornuarietis, Pila, Asolene, Lanistes.

GENERAL APPLICATION AND DILUTION INSTRUCTION
Agitate 500 g MicrobeBio X8™ into at least 20 liters of 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.

GUARANTEED ANALYSIS
CONTAINS NON-PLANT FOOD INGREDIENTS:
Bacteria: 100,000,000 CFU per gram
Microbial Soil Inoculant 1.02%
Inert Ingredients: 98.98%
(Dextrose, Glycerol, Lactitol)

ATTENTION
Please read and follow the SDS instructions for safety precautions, cleaning, and maintenance of PPE (Personal Protection Equipment) for the human consumption. Keep out of reach of children.

STORAGE
Store indoors in a cool, dry place. Close packets if not fully used. Shake well, strain exposed snail 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.

Manufactured by:
MicrobeBio® Inc
28928 Nimitz Seaview Rd, Magnolia, TX 77358
www.microbebio.com • info@microbebio.com

EXPIRES:
(EXP. DATE)

MADE IN USA

Net Wt. 1KG

Shielding Your Crops, Preserving Your Investment

MicrobeBio® X9™ is more than just a product; it's a biological shield that safeguards your crops, ensuring they reach their full potential. Here's how MicrobeBio® X9™ benefits your agricultural pursuits:

Comprehensive Protection: Our formula targets a wide array of plant-harming bacteria and viruses, including RGSV, RTBV, Xanthomonas oryzae, and Xanthomonas oryzae pv. Oryzae. Say goodbye to the fear of crop devastation.

Enhanced Crop Resilience: MicrobeBio® X9™ strengthens your crops' natural defenses, making them more resilient to bacterial and viral threats. Your plants will withstand challenges with grace.

Sustainable Pest Control: By leveraging beneficial microbes and bacteria, MicrobeBio® X9™ reduces the need for chemical pesticides, promoting a sustainable and eco-friendly approach to agriculture.

Improved Yield and Quality: With your crops protected, you can expect enhanced yield and improved crop quality. Your investment is poised to yield abundant returns.

Peace of Mind: With MicrobeBio® X9™ at your side, you can farm with confidence, knowing that your crops are shielded against the unpredictable forces of nature.

How to Use MicrobeBio® X9™

Integrating MicrobeBio® X9™ into your crop management strategy is a simple and effective process. Follow the provided instructions to ensure your crops receive the protection they deserve. With MicrobeBio® X9™, you're not just growing crops; you're cultivating peace of mind.

Choose MicrobeBio® X9™ and arm your crops with the advantages they need to thrive. Protect your investment, preserve the environment, and experience the future of sustainable agriculture today. With MicrobeBio® X9™, your crops are in capable hands, ensuring a prosperous harvest season after season.

MicrobeBio®

X9

INTRODUCTION
MicrobeBio X9™ is a proprietary bio-biocide and virulicide product that has a wide spectrum of action against plant harmful bacteria and virus. It is a sticky slurry that sticks to plant surfaces (leaves, stems, flowers, fruit) and kills harmful bacteria and viruses. It is a 100% natural organic product that is safe for humans, animals, and the environment.

GUARANTEED ANALYSIS
CONTAINS NON-PLANT FOOD INGREDIENTS**
Bacteria: 100,000,000 CFU per gram
Microbial Seed Inoculant: 1.92%
Inert Ingredients (Dextrose, Soy Lecithin) 96.06%
** Other inert ingredients derived from proprietary nutrients and enzymes.

GENERAL APPLICATION AND DILUTION INSTRUCTION
Agitate 100 g MicrobeBio X9™ into at least 100 liters of non-chlorine water ** to treatment.
** While diluting or irrigating crops, the grower can dilute the product into chlorinated water, other than 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 X9™ in a combination with other MicrobeBio products.

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

STORAGE
Store indoors in a cool, dry place. Store product if not fully used. Shake well before 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.

NET WT. 500g

MADE IN USA
Manufactured by:
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TREATMENT

MicrobeBio® X9™ draws its strength from a carefully curated arsenal of microorganisms and beneficial elements:

Beneficial Microbes:

Beauveria bassiana: This natural antagonist battles plant-harming microbes with remarkable efficacy.

Combinations of Entomopathogenic Fungi: A dynamic duo of fungi forms an effective defense against pests and pathogens.

Combinations of Other Entomopathogenic Fungi: These fungi bolster your crop's resistance to external threats.

Bacteria:

Bacillus subtilis and Pseudomonas sp: These beneficial bacteria play a crucial role in promoting plant health and warding off harmful invaders.

Bacillus thuringiensis Israelensis (Bti) and B. sphaericus (Bs): These bacterial allies serve as a formidable defense against troublesome bacteria and viruses.

GENERAL APPLICATION

Prevent: agitate 100 g MicrobeBio® X9™ into at least 200 liters of non-chlorine water ** to treat 1 hectare.

Treat: agitate 400 g MicrobeBio® X9™ into at least 200 liters of non-chlorine water ** to treat 1 hectare.

Note: Water and treat for pests and diseases every 3 weeks until the disease no longer appears.



INTRODUCTION

MicrobeBio® X11™ significantly accelerates decompost to reduce residue stubble before the next cropping season. The unique, rigid, and stable formulation has been designed to decompost and break down residue, improve seed-to-soil contact, and help loosen planter or tillage from tough crop stalks. MicrobeBio® X11™ can reverse nutrient tie-up in crop residue to provide more available nutrients for your next season's planting. MicrobeBio® X11™ allows you to construct a healthy soil biome for a continued season-long composting blend of proprietary benefit anaerobic microbes selected for their ability to oxidize sulfides to elemental sulfur and accelerate composting crop residue. MicrobeBio® X11™ specially selected naturally occurring bacteria and fungi in a potent activator that offers the energy to jumpstart decomposition while controlling odors.

GUARANTEED ANALYSIS

CONTAINS NON-PLANT FOOD INGREDIENTS**

Bacteria: 100,000,000 CFU per gram
Microbial Soil Inoculant: 1.92%
Inert Ingredients (Dextrose, Soy Lecithin) 98.08%

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

*** All microbial is contained naturally-derived non-pathogenic, non-toxic, non-GMO, non-hazardous, and non-volatile. All microorganisms are NOT considered to be pathogenic for livestock or poultry.

As this is a 100% natural organic product there may be up to a 10% variance from batch to batch.

GENERAL APPLICATION AND DILUTION INSTRUCTION

Apply 500 g MicrobeBio® X11™ into at least 10 liters 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.

*** If the ability of jetting sprays, the greens can build 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 off-gas.

For optimal results, we recommend using MicrobeBio® X11™ 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 eye contact.

WARRANTY LIMITATIONS

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

Manufactured by:
MicrobeBio® Inc.
28906 Mohica Saumil Rd, Magnolia, TX 77356
www.microbebio.com • info@microbebio.com



MADE IN USA

Net Wt. 1KG

MicrobeBio® X11™ is a unique propriety beneficial microbes formula that helps to reverse nutrient tie-up in crop residue. This provides more readily available nutrients for the next season’s planting and allows you to create a healthy soil biome. A proprietary blend of anaerobic microbes has been carefully selected for their ability to oxidize sulfides into elemental sulfur and accelerate composting of crop residue. MicrobeBio® X11™ offers farmers the perfect way to get ahead in their season-long fertilization plan by improving soil quality, delivering important benefits to their crops, and helping ensure rescue. Breaking down stubble helps to create better seed-to-soil contact and reduces the strain on tire and planter machinery caused by tough crop stalks.

The rigid and stable formulation is tailored for use in crops such as rice corn, wheat, cotton, soybeans, alfalfa, and sunflower. MicrobeBio® X11™ improves nutrient availability for healthy growth and efficient harvesting.

For farmers looking to get their fields ready for the next season quickly and with minimal effort, MicrobeBio X11 provides a reliable solution with guaranteed results.

MicrobeBio® X11™ is a powerful activator that can kickstart the decomposition of animal manure and green waste into a stable and odor-free fertilizer. This unique mixture of selected bacteria and fungi offers the energy necessary to break down organic matter, producing a nutrient-rich soil amendment for crops. MicrobeBio® X11™ works quickly and efficiently, providing an effective solution to get your garden, farm or other agricultural spaces up and running. It's easy to use – simply spread it evenly over the area in need of help and let nature take its course! With MicrobeBio®, you can be sure that your plants will receive all the benefits they require from microbial decomposition without any unpleasant odors.



BENEFITS

- Reduces Composting Time
- Accelerates Crop Residue Decomposition
- Controls and Eliminates Fecal Coliforms and Salmonella
- Stabilizes Animal Manure and Produces Valuable Biofertilizers
- Lower COD
- Reduce Suspended Solids
- Lower FOG
- Reduce Wastewater Sludge Volume
- Control H₂S
- Reduce surfactants/chemicals
- Control Odor
- Reduce landfill organic waste
- Accelerate the decomposition of animal manure

INTRODUCTION

Elevate Plant Growth, Flavor, Aroma, and Nutrients While Boosting Yield and Shelf Life

Unlock Nature's Potential for Remarkable Plant Growth and Sustainable Soil Health

MicrobeBio® Aqua Activator™ is your key to exceptional plant growth, heightened flavor and aroma, increased nutrient content, and extended shelf life. Our innovative product harnesses the power of beneficial bacteria and microorganisms to not only enhance plant development but also promote carbon sequestration and eco-friendly soil remediation.



KEY ADVANTAGES

Increased Yield: MicrobeBio® Aqua Activator™ not only stimulates biological activity but also maximizes nutrient uptake. This results in significantly higher crop yields, ensuring a more abundant harvest.

Enhanced Flavor and Aroma: Our advanced formula promotes the production of natural compounds that enhance the flavor and aroma of your plants. Experience tastier and more aromatic crops that stand out in the market.

Nutrient Enrichment: Unlock bound-up nutrients in the soil, making them readily available to your plants. The result? Crops that are not only bountiful but also more nutrient-rich, providing healthier choices for consumers.

Extended Shelf Life: By bolstering plant health and resilience, MicrobeBio® Aqua Activator™ helps increase the shelf life of your produce. Reduce waste and extend your products' availability to consumers.

Stabilizes Atmospheric Nitrogen: Our product stabilizes atmospheric nitrogen in the soil, reducing the need for chemical fertilizers. This sustainable approach ensures healthy nitrogen levels while minimizing environmental impact.

Solubilizes Minerals Compounds: Through phosphate solubilization and mobilization of essential soil nutrients, our product promotes soil fertility, benefiting both your plants and the environment.

Carbon Sequestration: MicrobeBio® Aqua Activator™ utilizes carbon sequestration to enhance plant hormones and store carbon in the soil. This not only benefits plant growth but also contributes to mitigating climate change.



Soil Structure Improvement: Our product enhances soil structure, reducing water retention and eliminating issues like surface runoff, volatilization, and salinity. It rebuilds soluble organic matter in the topsoil, promoting a sustainable and resilient soil ecosystem.

Natural Disease Resistance: By boosting microbial activity and saprophytic competence, MicrobeBio® Aqua Activator™ enhances plants' resistance to diseases and pathogens, reducing the need for harmful pesticides.

Environment-Friendly Soil Remediation: Regenerate your soil's tilth and reduce dependence on toxic and caustic compounds commonly found in today's market. MicrobeBio® Aqua Activator™ is a safe and eco-friendly alternative that promotes long-term soil health.

GENERAL APPLICATION

To activate the microbes in MicrobeBio® Aqua Activator™, simply agitate 500g of the product into at least 5 liters of non-chlorine water for a minimum of 24 hours. Then, dilute the mixture into at least 500 liters of non-chlorine water to treat 1 hectare of land.

Join the forefront of sustainable agriculture with MicrobeBio® Aqua Activator™. Unlock the full potential of your crops while promoting carbon sequestration and environment-friendly soil remediation. Choose the eco-conscious way to grow and nurture your plants, ensuring increased yield, enhanced flavor, aroma, nutrient enrichment, and extended shelf life.



MicrobeBio® Aqua Activator™

Net Wt. 1KG

PRODUCT DESCRIPTION

MicrobeBio® Aqua Activator™ is an organic nutrient solution designed to improve the overall health, yield, and quality of all crops while promoting biodiversity. MicrobeBio encourages the growth of beneficial microorganisms that can help to maintain soil fertility and improve plant resistance to pests and diseases.

Fungal: Soil-borne (*Aspergillus* spp., *Penicium* spp., *Fusarium* spp., and *Phytophthora* spp.), etc.

Bacterial: Bacterial Inhibitor, Bacterial Wilt, Blight and rot, etc.

NON-PLANT FOOD INGREDIENTS

Contains the following bacteria:

- Bacillus subtilis 2.0 x 10¹⁰ CFU/g
- Bacillus pumilus 2.0 x 10¹⁰ CFU/g
- Bacillus licheniformis 2.0 x 10¹⁰ CFU/g
- Streptomyces sp. 2.0 x 10¹⁰ CFU/g

** All strains are verified for safety, effectiveness, and non-toxicity.

** All ingredients are non-GMO and do not contain any herbicides or pesticides.

ATTENTION

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

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

GENERAL APPLICATION

Prevent: agitate 100 g MicrobeBio® Aqua Activator™ into at least 200 liters of non-chlorine water ** to treat 1 hectare.

Treat: agitate 400 g MicrobeBio® Aqua Activator™ into at least 200 liters of non-chlorine water ** to treat 1 hectare.

For optimal results, see recommended application of MicrobeBio® Aqua Activator™ in a combination with other MicrobeBio® products.

Technical Note:

- All application should be considered as a general guideline. 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 evaluate soil samples and create specific application plan. Consult product literature for specific crop recommendations.

Spray Instruction:

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

STORAGE

Store in a cool, dry place. Use within 12 months of purchase. Do not use after the expiry date. Avoid use after the expiry date.

WARRANTY LIMITATIONS

The MicrobeBio content on this label is believed to be accurate and reliable. However, we do not warrant that we will honor the guarantee unless on the face hereof. We make general guarantee for limited to replacement of product or refund of purchase price in certain cases only. We do not warrant the performance, safety and efficacy of other products from the use of the product. Being a natural product, weather, soil conditions, and other factors can affect the efficacy of the MicrobeBio® product. We do not warrant the safety, effectiveness, or quality of other products. MicrobeBio® is not responsible for any damage or loss of crops or other plants caused by the use of the product. MicrobeBio® is not liable for any damage or loss of crops or other plants caused by the use of the product unless it can be proven that the product is defective.

REG. NO.

EXP. DATE

Manufactured By:
MicrobeBio Inc.
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MicrobeBio[®]

MICROBEBIO MICROBIAL TECHNOLOGY

Beneficial. Microbial. Soil. Enhancements