



**COIN MAX**

# Manual Instructions

Questions and answers about the application, benefits, safety, storage, and use of the product.



**ORGANIC COMPOUND**

Biostimulant - ready to use



# Product instruction manual

This material compiles the questions and answers provided about Coin Max in a modern, organized, and easy-to-consult format.



Application	Use	Care
Foliar spraying, spraying directly onto the leaves.	Ready-to-use product, no dilution required.	Apply during less intense sunlight and store in a suitable place.

## RAW MATERIALS

Water, boric acid, phosphoric acid, manganese chloride, sodium molybdate, zinc sulfate, urea, organic compound and preservative.

COIN MAX	Guarantees	Weight/Weight	Weight/Volume
Water-soluble nitrogen		0.32%	3.20g/L
Water-soluble phosphorus		0.08%	0.8/L
Water-soluble boron		0.12%	1.2g/L
Water-soluble manganese		0.02%	0.2g/L
Water-soluble molybdenum		0.04%	0.4g/L
Water-soluble zinc		0.12%	1.2g/L
Organic carbon		0.48	4.80g/L
Density		1.0	

Physical Nature Specifications:  
**HOMOGENEOUS SUSPENSION**



## Questions and answers

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### **1. What is a quantum biostimulant organic compound?**

Coin Max is a natural product that aims to improve the growth and development of plants, stimulating biological processes such as the absorption of nutrients based on phytotherapeutics in its unique and exclusive formulation in the world. It activates plant metabolism through a subatomic interaction, that is, it interacts with atmospheric gases and neutrinos, which are fundamental subatomic particles, extremely light and without electrical charge, being the second most abundant in the universe, right after photons. Thus, the concept of neutraceuticals emerged, a concept created from the fusion between phytotherapy and quantum physics in agriculture.

### **2. How does Coin Max organic biostimulant compound work on plants?**

The Coin Max biostimulant integrates biological and energetic nutrition, as through its special composition, it encompasses subatomic particles (neutrinos) and essential atmospheric gases such as Oxygen (O<sup>2</sup>), Helium (HE), Hydrogen (H) and Nitrogen (N<sup>2</sup>), very abundant in the atmosphere. Therefore, when it comes into contact with the leaves, it opens the stomata and increases the contact of sunlight, consecutively increasing the power of photosynthesis. In this way, it acts by stimulating natural plant processes, such as increased enzyme activity, root growth and improved nutrient absorption through the xylem and phloem, which are vascular tissues that conduct sap in plants, connecting leaves, roots and the soil. It can also help plants better resist environmental stresses such as drought or excess heat, making them more robust as a result.

### **3. What are the main benefits of Coin Max compound for plants?**

Essential nutrients ensure that the plant grows strong and healthy, resulting in an abundant and satisfactory harvest. However, it presents quick and visible results such as improved growth and development of foliage, increased resistance to pests, diseases and adverse environmental conditions, greater stimulation in the production of flowers and fruits, and may reduce the need for purely chemical fertilizers and fertilization depending on the crop.

### **4. What types of plants can benefit from the use of Coin Max biostimulant?**

As it is a multipurpose product, it is used on all types of plants, such as: edible vegetables, farm produce, fruit plants, legumes, grasses, ornamental plants, whether in residential gardens or commercial gardens.

### **5. Can biostimulants be used in home gardens?**

Coin Max is ideal for home gardens as it is a natural and safe product that helps promote healthy plant growth. It strengthens the roots without the need for chemicals, which makes it an excellent option for those looking for sustainable cultivation free of toxic substances. Additionally, Coin Max does not affect human or pet health, making it a safe choice for use in home environments. This product is perfect for anyone who wants to have a vegetable garden at home, growing food in a healthy and efficient way.

**6. Is Coin Max safe for edible plants, such as vegetables?**

Yes, because it is natural, herbal and contains nutrients, it is completely safe for edible plants, such as vegetable leaves, without leaving toxic residues.

**7. Can the Coin Max quantum stimulant be used on ornamental plants too?**

Yes, it is suitable for ornamental plants which are species cultivated mainly for their aesthetic characteristics, such as showy flowers, attractive foliage, unique shapes or aromas, intended for the beautification of indoor (indoor) and outdoor (landscaping/gardens) environments, as it aids in the growth and general health of the plant, making it more robust and beautiful. However, it is not recommended to apply directly to flowers.

**8. What is the composition of the Coin Max organic biostimulant compound?**

Its composition is 100% bio-active and functional with earthworm humus that provides essential humic and fulvic acids for stability, algae amino acids for instant absorption, functional herbs such as dandelion, anise and fennel, guaranteeing vigor, immunity and moringa oleifera which is a natural source of calcium, iron and organic potassium.

**9. Does the product contain any type of pesticide?**

No, the Coin Max compound is free of pesticides and poisons, being safe for application and consequently strengthening the plant, reducing the need for agricultural poisons that cause health problems.

**10. How is the biostimulant compound applied to plants?**

The application of the Coin Max compound is done by foliar spraying, spraying directly onto the leaves, without the need for dilution or mixing with other products as it is ready to use and with its own applicator.

**11. Is there another method of application?**

The main way of applying Coin Max is foliar spraying, which allows plants to quickly absorb nutrients and biostimulants through the leaves, and it is not recommended to use directly on the soil.

**12. What is the recommended dosage of Coin Max for application to different types of plants?**

The dosage may vary depending on the type of plant and the amount of foliage. In general, the recommendation is to repeat the application in 7 days.



### **13. What is the difference between Coin Max and others on the market?**

Common foliar products deliver nutrients directly to plants, quickly correcting specific deficiencies, but with limited effect as they are dedicated to a small group of species according to their composition. The Coin Max biostimulant organic foliar compound, however, goes further, stimulating natural physiological processes such as root growth and stress tolerance through its action at the nanoscale, quantum level. It abstracts subatomic particles from the air, such as neutrinos that travel through the soil in large quantities, concentrating elements like Zinc (Zn), Sulfur (S), Nitrogen (N<sub>2</sub>), Oxygen (O<sub>2</sub>), Hydrogen (H), and Helium (HE), thus expanding photosynthesis. While conventional products are focused on specific areas and nutrition, CoinMax enhances the overall performance of the plant broadly and across all species, improving long-term health and yield, along with reducing the need for other fertilizations.

### **14. Should the application be done at specific times of the day?**

It is recommended to apply Coin Max in the early morning or at dusk, when the sun is less intense. This helps prevent product evaporation and ensures greater absorption by the leaves. Application on rainy days is also not recommended.

### **15. How can I calculate the amount of Coin Max quantum stimulant needed for my vegetable garden?**

The product must be applied directly to the leaves and its performance is directly linked to the area applied, but its use is high, simply spraying the leaves lightly, avoiding runoff. On a large scale, a concentrated product with instructions for dilution and application is ideal.

### **16. Is Coin Max effective in any season?**

It can be applied in any season of the year, respecting only the necessary knowledge for the reproduction and cycle of each plant species, just remembering not to apply on rainy days in the case of outdoor plants or in extreme temperatures.

### **17. What results can I expect when using Coin Max compost on my plants?**

Coin Max guarantees more vigorous growth, greener leaves due to the increase in the concentration of tannins, multiplication in the production of flowers and fruits, greater resistance to pests and diseases, in addition to contributing to sustainability and protection of the environment.

### **18. Does the Coin Max biostimulant compound help increase the productivity of my vegetables?**

Yes, it increases productivity in relation to size and proportion by around 30% or more depending on the species, as it intensifies growth, resulting in greater production and faster harvesting time.

### **19. Does it improve plant resistance to pests and diseases such as aphids and mealybugs?**

Despite not having insecticidal or fungicidal action, Coin Max improves the plant's resistance indirectly, activating its systemic acquired resistance (SAR), together with the supply of microparticles and gases acting as an antioxidant and reducing free radicals, consequently strengthening their natural immune system, making them less susceptible to pests and diseases.

**20. Can Coin Max compound be used on fruit trees?**

Yes, as long as the fruits are not sprouting, as in the fruiting stage, the leaves have already sent the energy necessary for production, that is, it will not alter the existing fruits. In the initial phase, the results are better, as it is the leaves that absorb the product.

**21. Can the use of Coin Max organic biostimulant compound reduce the need for chemical fertilizers?**

By strengthening the plant and expanding its roots with a greater amount of contact with the soil and increasing the absorption of CO<sub>2</sub> from the air through the leaf stomata, the plant becomes stronger and reduces the need for extra fertilization.

**22. What is the environmental impact of using the Coin Max biostimulant?**

The environmental impact is positive, as the compound is organic, biodegradable and does not leave chemical residues in the soil or plants, helping to preserve the health of the environment and contributing to the cultivation ecosystem, as it improves flowering and nectar quality, encouraging the population growth of pollinating bees, expanding other crops in the surrounding area.

**23. Can Coin Max be used in gardens with ornamental plants and in vegetable gardens at the same time?**

Yes, the compound can be used on both ornamental plants and vegetable gardens simultaneously, as it is not a specific chemical fertilizer, but rather a general-purpose quantum biostimulant product.

**24. Can compost help plant growth in poor soil?**

The Coin Max compound helps to rebalance the earth's microbiota, which is a complex and invisible ecosystem, hybridized by billions of bacteria, communicative fungi, earthworms and microworms per gram of land, being fundamental for fertility, plant health and agricultural productivity as it participates in the decomposition of organic matter, cycles nutrients (such as nitrogen and phosphorus) and protects roots against diseases, thus acting as a sustainable ally in increasing harvests and resistance to droughts, in addition to balancing acidity or PH levels. of the soil. This interaction with the microbiota and the soil not only promotes plant growth, but also creates a more efficient nutrient cycle, which is fundamental to soil sustainability.

**25. Is the biostimulant suitable for use on plants in pots?**

Yes, Coin Max is suitable for use on plants that are in pots, promoting more vigorous and healthy growth, even in limited spaces, such as houses and apartments. The product helps to improve nutrient absorption and plant resistance, which is especially important in pots, where space for root growth is restricted.

**26. How does the Coin Max biostimulant compound act on plant roots?**

Stimulating the growth and increase of roots increases access to deeper layers of the soil, with a great improvement in root efficiency, that is, it absorbs water and nutrients with maximum use.



### **27. Does Coin Max compost improve nutrient absorption by plants?**

Because it is applied foliarly, the nutrients penetrate through the stomata and cuticle of the leaves, then moving to the rest of the plant. It is a faster process than the root and ideal for quick corrections, such as the use of micronutrients.

### **28. Why is Coin Max named as quantum?**

The term "quantum" is used to refer to phenomena involving subatomic particles, such as atoms, electrons, protons, and other fundamental particles, which are in the domain of quantum mechanics, which is a physical theory that describes the behavior of these particles on extremely small scales. The Coin Max compound creates the subatomic interaction between neutrinos and atmospheric gases, aligning with the objective of bringing these benefits to plants.

### **29. Can it be used on plants with nutritional deficiencies?**

Yes, the CoinMax compound can be beneficial for plants with nutritional deficiencies, as it increases the efficiency of the plant's metabolism, allowing it to make better use of the resources available in the soil combined with the capture of atmospheric gases by neutrinos.

### **30. Can Coin Max be used to revitalize plants that are withering or diseased?**

Yes, the compound can be useful for revitalizing plants that are wilting or showing symptoms of disease, as the neutrino subatomic particles potentially influence biological processes at the cellular level, stimulating the growth of new leaves and helping with recovery as well as hydration of the plant.

### **31. How can a biostimulant help plants resist water stress?**

Coin Max biostimulant can help plants resist water stress through interaction with neutrino subatomic particles, as the interaction of Hydrogen, Oxygen and Nitrogen will improve plants' ability to generate water substrates for greater resistance.

### **32. Is the CoinMax product effective in combating leaf fall?**

Although the product does not act directly to combat the loss of already damaged leaves, it can act to restore the health of plants, promoting better absorption of nutrients and water, which facilitates the growth of new healthy leaves.

### **33. Can the use of biostimulants increase the durability or life of plants?**

When using Coin Max, the plant tends to have a longer lifespan, as the compound promotes ideal conditions for healthy growth and resistance to adverse conditions, but everything depends on knowledge of how to deal with each species.



### **34. Can the product be used by anyone, including gardening beginners?**

Yes, Coin Max is easy to use and does not require advanced gardening knowledge, making it suitable for both beginners and experienced gardeners. Its practical application and ready-to-use formula make the process simple, allowing anyone, even those without experience, to use it effectively.

### **35. Does the product have any side effects on plants?**

Coin Max, when used in the correct proportions and in a ready-to-use spray bottle format, has a balanced formulation, which significantly minimizes the chances of causing side effects on plants. The fact that it is already prepared in the ideal proportions for application ensures that the product is safe and effective, avoiding overload or inadequate dosage, which could harm the plant.

### **36. Can the biostimulant be used in combination with other plant products?**

Coin Max should not be mixed with chemicals or fertilizers, as the combination may interfere with the effectiveness of the nanoparticles present in the biostimulant. This is because many chemicals or fertilizers can alter the properties of the compound, decreasing CoinMax's ability to work effectively on plants. The interaction between different compounds can lead to unwanted reactions that can compromise the benefits of the biostimulant, in addition to harming the health of plants and the earth's microbiota. Therefore, to ensure the best results, it is recommended to use Coin Max alone or according to the manufacturer's instructions in specific and isolated cases.

### **37. Besides smaller plants, can it be used on trees?**

Yes, Coin Max can be used on trees and bushes, and in fact, it is already being used in reforestation projects. Its application in forest plantations contributes to increased carbon sequestration, enhancing the photosynthesis process, helping to reduce the amount of CO<sub>2</sub> in the atmosphere. This is possible because the biostimulant strengthens the root system and improves the absorption of nutrients and water, essential factors for the robust growth of trees and shrubs. In this way, it opens doors to other projects or inventories in the carbon credit sector on private properties.

### **38. Is the product unsuitable for any type of plant?**

Coin Max is suitable for all plants, from desert cacti to even Amazon rainforest trees, thanks to its quantum and nanotechnology properties. These characteristics allow the product to be effective on a wide variety of plant species, stimulating plant growth and health regardless of the environment or growing condition. The presence of nanoparticles allows efficient action at the cellular level, benefiting plants of different types and in different soil or climate conditions. Therefore, Coin Max can be applied to different types of plants, without restrictions regarding their species, which makes the product versatile for different cultivation segments, such as vegetable gardens, gardens and reforestation.



### **39. Can the compost be used in hydroponic gardens?**

Yes, CoinMax can be used in hydroponic gardens because its absorption process occurs mainly through the leaves, which is ideal for this type of cultivation. When applied directly to the leaves of plants, the biostimulant can be absorbed efficiently, promoting the strengthening and growth of the roots. In the case of drip irrigation, it is necessary to use the concentrated product, as it needs to be diluted in water. The correct dosage should be determined under the supervision of the supplier, as it may vary depending on the volume of water used in the hydroponic system. This type of application allows the product to act effectively, ensuring that the plants receive the necessary nutrients and stimuli for good development.

### **40. How does the product interact with other elements present in the soil?**

Coin Max interacts with the soil in a positive way, stimulating the growth of the plants' main and secondary roots. As the root system develops, it increases communication between existing plants and soil microbiota, promoting greater exchange of nutrients, water and other beneficial compounds. This process improves nutrient absorption efficiency, optimizes soil health and strengthens the plant in general. The increase in the number of secondary roots also facilitates interaction with beneficial microorganisms present in the soil, such as bacteria and fungi, which help to fix nitrogen and decompose organic matter, contributing to a healthier and more nutritious environment for plants.

### **41. Can the use of biostimulants alter the soil pH?**

The use of Coin Max can, over time, reduce the need for other complementary compounds, such as urea and limestone, to control soil pH. This is because the biostimulant can improve the plant's efficiency in absorbing nutrients and interacting with soil microbiota, helping to stabilize soil conditions, including pH.

### **42. Does the biostimulant have any effect on the microbial flora in the soil?**

Yes, Coin Max directly interferes with the microbiota, helping to reduce the amount of nematodes, which are microscopic worms that parasitize plant roots and compromise crop development. By reducing the nematode population, the product contributes to root health and improves plant productivity. Furthermore, Coin Max stimulates the activity of earthworms in the soil, which improves oxygenation and facilitates the absorption of nutrients, such as nitrogen (N<sub>2</sub>). Earthworms help with aeration and the decomposition process, creating a healthier environment for plant roots.

### **43. Is there a waiting period between applying the Coin Max biostimulant and harvesting the vegetables?**

To ensure the safety and effectiveness of the product, it is recommended to wait 24 hours after application before harvesting. This time allows the biostimulant to be completely absorbed by the plants and the vegetables to be free of residues, ensuring safety for consumption.



#### **44. What precautions should I take for storage?**

To ensure the effectiveness of Coin Max and preserve its properties, it is important to follow some storage precautions:

- Avoid exposure to the sun: The product must be kept in a shaded place to prevent excessive heat and direct sunlight from altering its properties.
- Store in the shade: Storing the product in a cool, dry place, away from sources of heat or excessive humidity, is essential to guarantee its quality.
- No need for refrigeration: CoinMax can be stored at room temperature without the need for refrigeration. Just make sure the storage location is in ideal conditions to maintain product stability.
- Keep the packaging closed: After use, it is important to close the packaging tightly to avoid contamination or moisture entry, which could affect the quality of the product.

#### **45. What is the time period between applying the compound and when I see visible results in the plants?**

Coin Max begins to show visible results on plants in a relatively short period of time, depending on the growing conditions and type of plant. Early signs of effectiveness include greater vigor and growth with stronger roots and better overall development, greener, more intense and healthier leaves due to increased production of tannins that indicate an improvement in photosynthesis and leaf health. And finally, the acceleration of harvest time for vegetables and fruit, increasing productivity due to the volume and size of the leaves.

#### **46. What does the concept of “nutriceuticals” mean?**

Term created by Dr. Luciano Paiva to represent the activity of quantum nanoparticles that act in photosynthesis through the stomata of leaves through Coin Max, representing the interaction with neutrinos and atmospheric gases such as oxygen (O<sub>2</sub>), helium (He), hydrogen (H) and nitrogen (N<sub>2</sub>), expanding stomatal opening and photosynthetic efficiency.



## Quick guide to use and application

Final consultation for the safe, practical, and commercial use of Coin Max, maintaining application via foliar spraying and the product ready for use.

### Step-by-step instructions for use

1. Apply by foliar spray, spraying directly onto the leaves.
2. Use ready for application, without dilution or mixing with other products.
3. Lightly spray the leaves, avoiding excess and runoff.
4. Repeat the application in 7 days, depending on the type of plant and foliage.
5. On large scales, use the concentrated version with dilution manual.

### Benefits summarized

- More vigorous growth and greener leaves.
- Improved absorption of nutrients by the leaves.
- Stimulation of root development and greater root efficiency.
- Greater plant resistance to environmental stresses.
- Assistance in the production of flowers, fruits and vegetables productive.
- Natural product, safe for gardens and plants edible.

### When to apply

- In the early hours of the morning or at dusk.
- In any season of the year, respecting the cycle of each species.
- In potted, vegetable garden, ornamental, fruit and gardens.
- For vegetables, wait 24 hours after application before harvest.

### When not to apply

- Do not apply in intense sun, rain or extreme temperatures.
- Do not apply directly to ornamental flowers.
- Do not mix with fertilizers, chemicals or poisons.
- Do not use directly on the ground in the ready-to-use version use.

### Quick Usage Table

Use / plant	Application	Observation
Residential vegetable gardens	Foliar on the leaves	Safe for edible plants.
Ornamental	Foliar on the leaves	Avoid direct application to flowers.
Vases and flats	Light foliar	Suitable for confined spaces.
Fruit trees	Foliar in the initial phase	Best before advanced fruiting.
Hydroponics	Foliar; concentrated drip only	Follow supplier's instructions.

### Care before and storage

- Apply alone to preserve the effectiveness of the product.
- Store in a cool, dry and shaded place, away from the sun and heat.
- Does not need refrigeration; keep the packaging tightly closed after use.

### Additional Frequently Asked Questions

#### Does it need to be diluted?

No. It's ready to use.

#### Can you mix them?

No. Use without chemicals or fertilizers.

#### When will I see results?

It depends on the plant and the growing conditions.



### Why choose CoinMax?

Natural, versatile, ready to use and designed for vegetable gardens, gardens, pots and extensive commercial cultivation.



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