

Aridox®

Drought is Not the End
of Plants



High Yield Even Under Harsh Conditions

DEVELOPED BY RAYMARE

Aridox®

Aridox®, is a biotechnological solution that increases plant tolerance against drought stress.

Developed with RayCore® technology, Aridox® is a next-generation liquid biostimulant. It supports plant growth and reduces yield loss under drought conditions. Thanks to its bio-based active ingredients, it enhances photosynthesis, nutrient uptake, and overall resilience under limited water conditions. Ideal for foliar applications and irrigation systems.

EFFECTS & BENEFITS

Increases plant resilience under drought

Slow-release bioactive compounds with RayCore® technology maintain osmotic balance and cell turgor, enabling plants to continue growth even under drought conditions.

Optimizes water use efficiency

Enhances root activity, improves nutrient uptake, and allows plants to achieve higher yields with less water.

Protects photosynthesis under stress

Preserves chlorophyll levels, supports photosynthesis, and maintains energy production even under limited water conditions.

Supports yield and growth stability

Protects plants during critical growth periods, reduces the risk of yield loss, and provides more balanced, homogeneous harvest.

Improves product quality

Supports the formation of large, vivid, colorful, and quality products in stressed plants.

Aridox®

CONTENTS

Organic Matter	%20
Organic Carbon	%10
Total Nitrogen	%1,5
pH	%3,5-5,5

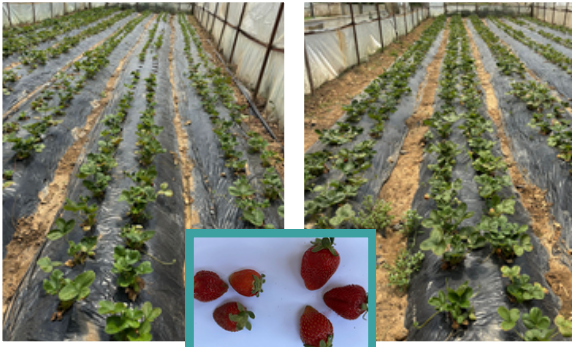


Plant Type	Application Period	Soil Application	Foliar Application
Vegetables (Tomato, Pepper, Cucumber, Lettuce, Spinach, Carrot, Onion, Eggplant, Zucchini, Bean, Parsley, etc.)	For transplanted seedlings, after transplanting; for direct-seeded crops, from the 2-3 leaf stage, apply every 15-20 days.	1-2 L/da	100-200 mL/da
Fruit Trees and Vineyards (Olive, Citrus, Apple, Pear, Cherry, Plum, Grape, Pomegranate, etc.)	Before flowering, after fruit set, and during fruit development; 2-3 applications at 15-20 day intervals.	2-3L/da	200-250 mL/da
Industrial Field Crops (Wheat, Barley, Corn, Cotton, Sunflower, Lentil, Chickpea, Soybean, Canola, etc.)	From the 5-6 leaf stage onwards, at 15-20 day intervals.	1-2 L/da	100-200 mL/da
Green Areas (landscape, sports fields)	Throughout the growth period, at 15-20 day intervals.	1-2L/da	100-200 mL/da

Aridox[®]

Proven Yield Increase 1

strawberry



Control

Aridox

corn



Control

Aridox

wheat



Control

Aridox

turf



Aridox

Control

parsley



Control

Aridox

lettuce



Aridox

Control

Aridox®

Produced entirely from natural ingredients.

Leaves no residues.

Suitable for organic farming.

Usage Instructions

Fill 1/3 of the tank with water → Add 1 liter of Aridox® → Top up with water
→ Mix thoroughly and apply.



Drone



Sprayer



Drip Irrigation

Precautions

- If you are unsure about compatibility, perform a "jar test" in a small container. It can be mixed with most fungicides, insecticides, and some herbicides.
- Do not mix with products containing copper or sulfur.
- Do not mix with products with pH above 8 (alkaline).
- When preparing a mixture: fill half of the tank with water, add pesticides first, then add Aridox® last.
- If unsure about compatibility, perform a small "jar test".

Storage and Handling

Store in a well-ventilated area, away from direct sunlight.

Recommended storage temperature: +5°C to +30°C.

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Contact



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