

YUKON: Biofungicide, YUKON 72 SC

Excellent natural protection for a wide range of crops, manufactured in France



Yukon is a sustainable, organic-compatible fungicide that prevents and manages fungal and bacterial diseases, improving crop quality and yield while minimizing environmental impact. Made in France and widely used across Europe, it combines brochantite-based tribasic copper sulfate with xanthane, a natural adjuvant, for enhanced efficacy and compatibility.



This technology is **pre-validated**.

9-8



Scaling readiness: idea maturity 9/9; level of use 8/9

Gender assessment

5

Climate impact

7

Problem

- **Fungal and bacterial diseases:** These significantly impact crop quality and reduce yields.
- **Pathogen resistance:** Overuse of conventional fungicides leads to resistant strains of pathogens.
- **Environmental impact:** Excessive use of copper per hectare in traditional fungicides contributes to environmental degradation.
- **Limited compatibility with organic farming:** Few effective solutions exist for organic agricultural practices.

Solution

- **Multisite efficacy:** The dual-action formula targets multiple stages of pathogen development, reducing the risk of resistance.
- **Environmentally friendly:** Yukon achieves high efficacy with reduced copper per hectare, lowering its environmental footprint.
- **Versatility:** It is widely compatible with other products, making it easy to integrate into existing crop protection programs.
- **Organic farming compatibility:** Its natural formulation makes it ideal for organic farmers.

Key points to design your program

Yukon fungicide technology effectively combats fungal and bacterial diseases, improving crop quality and yield while promoting sustainable, environmentally friendly farming. It supports food security (SDG 2) and climate resilience (SDG 13) by reducing pesticide use and enhancing crop resilience. Compatible with organic farming, it also promotes inclusive agricultural development (SDG 5), benefiting women and young farmers. Partnering with development institutions can help scale its impact, improving livelihoods and promoting sustainable farming practices.

Cost: \$\$\$ **109 USD/ha/year**

End used price for Mango

ROI: \$\$\$ **182 %**

Increase in return on mango

NPP Natural Plant Protection by UPL

UPL

André MONTEIRO

Commodities

Fruits, Rice, Wheat

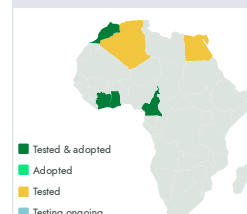
Sustainable Development Goals



Categories

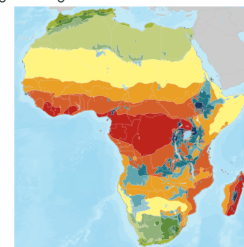
Production, Inputs, Pesticide, Biocontrol

Tested/adopted in



Where it can be used

This technology can be used in the colored agro-ecological zones.



Target groups

Farmers, Sellers



YUKON

<https://e-catalogs.taatafrica.org/org/technologies/yukon-biofungicide-yukon-72-sc>

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