



# **SMART IRRIGATION SOLUTIONS FOR MUSHROOMS**

**MUSHROOM MASTER™ DRIPPERLINES  
FOR HIGHER YIELDS  
AND IMPROVED QUALITY**

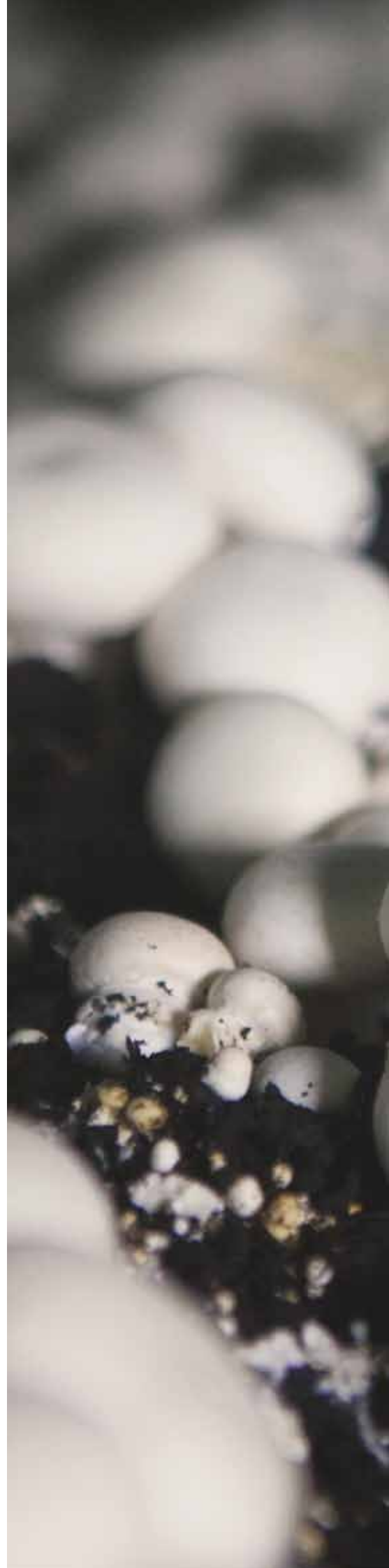
## BREAKING NEW GROUND

Netafim you offers a unique smart irrigation solutions for mushroom growing – Mushroom Master™. Based on the company's innovative low flow compensated non-leakage (CNL) drippers, the solution enables the release of small yet precise amounts of water at quick pulses. This ensures optimal moisture of casing soil and compost throughout the entire growing cycle, while eliminating water shortages during the second and third flush. Complementing existing mushroom growing technology, the system reduces growing costs and improves mushroom yields and quality to deliver a rapid ROI.

## CHANGING THE LANDSCAPE

Netafim's advanced solutions significantly changes the mushroom growing landscape by:

- Irrigating at any time during the growth cycle without wetting the mushrooms
- Eliminating bacterial blotch and the need to dry out growing rooms after sprinkler irrigation, leading to energy savings
- Reducing the amount of casing soil used
- Enabling application of liquid supplements during mushroom cultivation





## BUSINESS BENEFITS

- Higher yields
- Higher quality
- Optimal moisture of casing soil and compost
- 15-30% less casing soil
- Lower energy costs

## SUSTAINABILITY BENEFITS

- Saves energy
- Reduces system carbon footprint
- Enables recycling of dripperlines after use







**10%**

**INCREASE IN YIELDS**



**20%**

**DECREASE IN ENERGY EXPENSES**



**A-QUALITY**

**SIGNIFICANT INCREASE IN QUALITY**

# MUSHROOM MASTER™ SOLUTION COMPONENTS





## UNIRAM™ 0.7 CNL DRIPPER

- Pressure-compensated non-leakage dripper
- Installed at shallow subsurface depths
- Remains constantly filled with water to enable rapid irrigation pulses
- Broadens water distribution
- Improves nutrient utilization
- Delivers larger yields



UniRam™

## CONTROLLER

- Designed as dedicated controller
- Includes advanced algorithms incorporating outputs from monitoring tools (eg. Decision support system for improved crop management)

## MECHANICAL DEPLOYMENT SYSTEM

- Automates laying and retrieving of dripperlines within and from the casing soil

## ABOUT NETAFIM

Netafim is the global leader in smart irrigation solutions for a sustainable future. With 28 subsidiaries, 17 manufacturing plants and 4,300 employees worldwide, Netafim delivers innovative solutions in more than 110 countries. Founded in 1965, Netafim pioneered the drip revolution, creating a paradigm shift toward low-flow agricultural irrigation. Today, Netafim provides diverse smart irrigation solutions – from drippers and sprinklers to high-end crop management technology (CMT) and automated systems – for agriculture, landscaping and mining. Netafim offers large-scale and turnkey open-field and greenhouse projects featuring end-to-end engineering, project management and financing services. Netafim's market-leading solutions, accompanied by expert agronomic, technical and operational support, are **HELPING THE WORLD GROW MORE WITH LESS.**

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For more information about Netafim's mushroom solution, contact us at [au.net.info@netafim.com](mailto:au.net.info@netafim.com).





## **FOR FURTHER INFORMATION**

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**GROW MORE WITH LESS®**

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