



Autonomous Robotic Solution for Complex Agricultural Challenges

ABOUT US

- ▶ meshek{76}; was founded in early 2017
- ▶ Our mission is to increase productivity & efficiency in the growing process of fresh mushrooms
- ▶ We are part of NVIDIA Inception Program for AI Research & Development and supported by the Israel Innovation Authority

THE MARKET & INDUSTRY

- ▶ The global mushroom market is expected to reach **USD 86 bn** by 2026 (~8% CAGR)
- ▶ **Button mushroom** accounts for the **largest share** in the global market

THE PROBLEM

- ▶ A **labor-intensive industry**, experiencing a significant, ever-growing, labor shortage
- ▶ The industry **does not meet market demand**
- ▶ Current industry **pain-points**:



Costly & lacking labor



Every touch leaves a mark



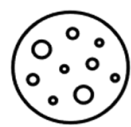
Great sensitivity to sanitation



Physical Injuries caused by nails



Efficient Dilution effects the entire crop potential



Picking time precision in is critical to the market

THE SOLUTION

- ▶ **AI-driven autonomous robotic system** for growing & picking mushrooms
- ▶ **#UID** that contains all the relevant information for every mushroom, identifying **growth stage**, preventing dense clustered and ensuring **best utilization** of the growing soil
- ▶ The system considers all the data it receives from the installed systems in the farm

BUSINESS MODEL BENEFITS



GROWERS

- ✓ **Direct cost saving** from day 1
- ✓ **Gradual** penetration to the farm
- ✓ **0** risk to the farm
- ✓ No financial investment
- ✓ **Plug & play** system

meshek{76};

autonomous agriculture

- ✓ **~1 Year** Robot ROI
- ✓ Enriching the **database** & perfecting the AI with every new growing cycle
- ✓ **Easy** scaling-up

CONTACT US

TAL HATAN, CO-FOUNDER, +972-52-3221225, TAL@MESHEK76.COM

MOSHE DANAN, CEO, +972-52-5800456, MOSHE@MESHEK76.COM