Risky business? Conducting a risk assessment of postharvest operations using washing machines for leafy greens

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Post-Harvest: Washing machines for spinning greens is a very common practice

No established research to inform growers on the development of specific best practices

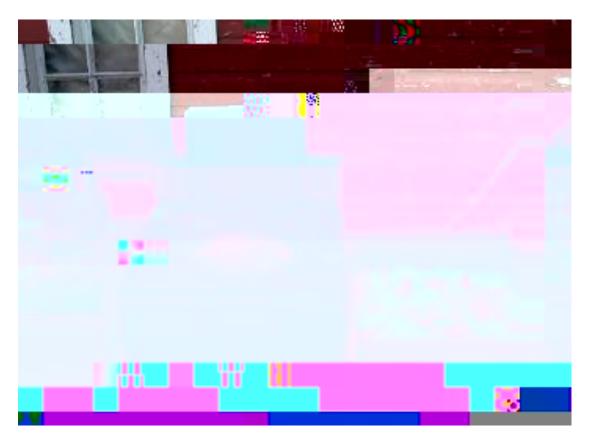


Figure. Image of a field site of a postharvest processing that dries leafy greens. Image sourced from <u>https://tinyfarmblog.com/spin-cycle/</u>.

NECAFS NETWORK



2019 NECAFS Steering Committee

Regulators

Extension agents

Producers and buyers

Discussion

Challenges with sanitation design and management.

DIY converted washing machines



Objective 1: Identify, source and build converted washing machines for

that are applicable for small scale leafy green operations.

Objective 2: Conduct a science-based risk hazard identification assessment that will investigate the harborage and sanitation risks of using DIY converted washing machines for drying leafy greens.

Objective 3: Develop and design a mixed-media portfolio of extensionbased tools, which will focus on the principles of cleaning and sanitation, sanitation design and sanitation management.

Objective 2: Conduct a science-based risk hazard identification assessment

What is the overall contamination risk of using DIY converted washing machines for drying leafy greens?

Can DIY converted washing machines for drying leafy greens be cleaned and sanitized to effectively manage microbial risk?





Activity: Extension programming may include-Brief video tutorials Downloadable pdf Fact Sheets Face-to-face workshops/speaking events

Real-time (and recorded) webinars



Objective 1: COMPLETE

UVM Extension Washing Machines Greens Spinner Workshop November 2019

Assembled 4 Units at UMASS

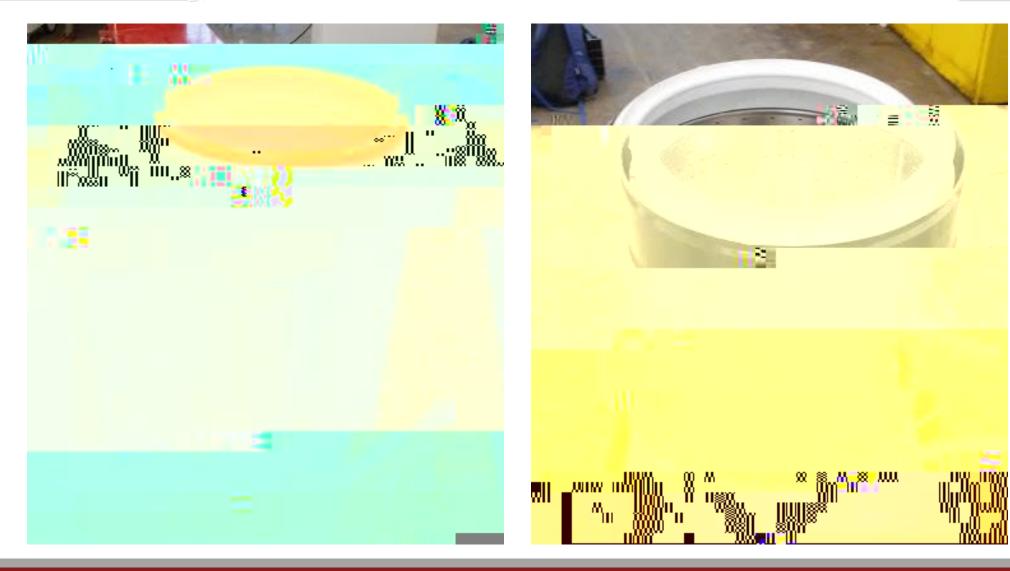
Purchase Industry leafy green dryer

Objective 2: In-Process





Building Washing Machines Greens Spinner



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Department of Food Science

