

Work Areas



Post Harvest

Handling of crops after harvest including washing, packing, curing, drying, storage, and produce safety.



Protected Culture

Growing in areas protected from the environment such as high tunnels, greenhouses, and indoor growing.



Sustainable Agriculture

Farm-based energy sources and practices supporting agriculture for today and tomorrow.

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Enhancing Vermont's
food systems through analysis,
design, evaluation, and adoption of
infrastructure, technology, and
equipment that meet the needs of
food producers and processors.



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To view a resource, point your browser to go.uvm.edu/resourceshortlink. For example, go.uvm.edu/agleds to learn about LEDs.

Resources

All Resources, A-Z: go.uvm.edu/agengpdf

Post Harvest

Bins, Buckets & Totes: [/bins](#)

Construction Details for a Counter Top Forced Air Cooler: [/countertopfac](#)

Construction Details for a Pallet Forced Air Cooler: [/palletcooler](#)

Coolbots: Inexpensive Cold Storage: [/coolbot](#)

Cooler Construction Options: [/coolerwalls](#)

Crop Storage Resources: [/storage](#)

Crop Storage Planner: [/cropplanner](#)

Drying and Curing Herbs and Flowers (Hops, Hemp, and Everything Else!): [/dryingherbs](#)

Drying Herbs Moisture Calc: [/herbcalweb](#)

Forced Air Cooling On the Farm: [/forcedaircooling](#)

Handbook 66: [/handbook66](#)

Heat Load Calculator for Coolers: [/heatcoolload](#)

Packshed Costs: [/packshedcosts](#)

Planning a Wash/Pack Area: [/phplanning](#)

Preventing Freezing in Produce Coolers: [/frozencoolers](#)

Rats & Other Rodents: [/rats](#)

Remote Monitoring: [/monitoring](#)

Repairing Cracks in Concrete Floors: [/concretereprair](#)

Simple DIY Outdoor Air Exchange: [/airexchange](#)

Warm Rooms for Storage [/warmrooms](#)

Post Harvest Case Studies

go.uvm.edu/phcs

Easy Breezy Three Season Packshed at Stout Oak Farm: [/stoutoak](#)

Giving a Dairy Barn New Life at New Leaf Organics: [/newleaf](#)

Last Resort Farm not Stalled by Dairy Barn Conversion: [/lrf](#)

Mighty Clean & Comfortable: [/mighty](#)

New Metal Building from Scratch at Hall Brook Farm: [/hallbrook](#)

Patient Pursuit of Packshed Happiness at Ananda Gardens: [/anandagardens](#)

Sharpening the Edges: Wash/Pack Efficiencies in a New Farm Building at Small Axe Farm: [/smallaxe](#)

The Barnhouse - Footprint Farm Case Study: [/footprint](#)

The Next Chapter: Renovating a Barn to Sustain Indian Line Farm: [/indianline](#)

Wheels Keep things Rolling at Root 5 Farm: [/root5farm](#)

Produce Safety

SCRUB Project Resources: [/scrubresources](#)

A Guide to Cleaning, Sanitizing, and Disinfecting: [/clean-sanitize-disinfect](#)

Backflow Prevention: [/backflow](#)

Cleaning Tools for Produce Farms: [/cleaningtools](#)

Detergents for Farm Food Contact Surfaces: [/detergents](#)

Dose Calculator for Sanitizers (Excel): [/sanitizercalc](#)

Dose Calculator for Sanitizers (Web): [/websanitizercalc](#)

Drains for Produce Farms: [/drains](#)

Dry Cleaning for Produce Farms: [/drycleaning](#)

Farm Cooler Checklist: [/coolercleaning](#)

Farmer's Favorites: Cleaning Tools: [/ffcleaningtools](#)

Finish Surfaces for Produce & Food Areas: [/smoothnclean](#)

Floor Design for Vegetable Wash, Pack: [/floors](#)

Greens Spinner SOP (Hotpoint): [/hotpointsop](#)

Greens Spinner SOP (Speed Queen): [/tc5pdf](#)

Greens Spinner SOP (Whirlpool): [/wtw5pdf](#)

Greens Spinners for Farm Use: [/greensspinners](#)

Wash Machine/Spinner Conv. Guide: [/generalspinnerguide](#)

Greens Washline from China: [/washline](#)

Guidance on Wash Water Discharge [/vegwater](#)

Hanging Hoses: [/hoses](#)

Hygienic Design for Produce Farms: [/hygienicdesign](#)

Improving Handwashing Stations: [/handwashingstation](#)

Managing Humidity in Coolers: [/coolerhumidity](#)

Produce Tracking and Traceability [/producetracking](#)

Risks Posed by Cats: [/cats](#)

Safely Dispensing Sanitizers: [/sanitizerdispensers](#)

High Tunnels & Greenhouses

Ag LEDs: [/agleds](#)

Calculating Tunnel Heat Load: [/greenhouseheatload](#)

Getting Started with Growth Chambers: [/growthchambers](#)

Greenhouse Heating with Biomass: [/greenhousebiomass](#)

SWD Netting Resources: [/swdnetting](#)

Thermostats for Agriculture: [/thermostats](#)

Tunnel & Greenhouse Ventilation: [/tunnelventilation](#)

Equipment

A Visit to Market Farm Implement: [/mfi](#)

AZS Rinse Conveyor: [/rinseconveyor](#)

AZS Rinse Conveyor User's Guide: [/azsuserguide](#)

Building a Better Greens Bubbler: [/bubblers](#)

Hops Harvester Plans: [/hopharvester](#)

Modular Hop Oast or Tray Drier for Herbs: [/oast](#)

Pump and Pipe Pressure Calculator: [/pumpnpipe](#)

Root Washers for Produce Farms: [/rootwashers](#)

Safe and Efficient Drying / Curing of Hemp: [/hempdrying](#)

Spray Tables for Produce Farms: [/spraytables](#)

Vegetable Wash Sinks: [/sinks](#)

Washing Machine Greens Spinner: [/cleaningtips](#)

Washing Machine Shopping Advice: [/shoppingtips](#)

Sustainable Ag

Grass and Ag Biomass vs. Wood Chips: [/grassbiomass](#)

Greenhouse and High Tunnel Heater Checks: [/heatersafety](#)

Increasing Supply of Storage Vegetables: [/wintercrops](#)

Shedding Some Light in the Shed: [/lighting](#)

The Ag Engineering Podcast: [/aep](#)

The Farmer's Share Podcast: [/tfs](#)

Wall Thermal Calculator: [/wallcalc](#)

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