



SMALL-SCALE FARM MANAGEMENT CERTIFICATE PROGRAM

FARM MANAGER LEARNING OUTCOMES

NAME:

EMAIL:

PHONE:

Please keep track of your learning outcomes and hours here. When you arrive at the farm, review this sheet & report to a senior farm manager with an idea of what you would like to learn that day.

<p><u>SAFETY</u></p> <ul style="list-style-type: none"><input type="checkbox"/> Risk Assessment - weather, tools being used, condition of volunteers<input type="checkbox"/> Where is the First Aid kit?<input type="checkbox"/> What PPE needs to be used?<input type="checkbox"/> Emergency Protocol - what do you do in case of an emergency? (ex: fires, injury)<input type="checkbox"/> Exposure - How do you keep yourself, volunteers and crops safe from the elements?<input type="checkbox"/> Severe Weather Prep - How to prepare if you know that severe weather is coming.<input type="checkbox"/> Securing Structures in Case of Severe Weather	<p><u>AGROECOLOGY</u></p> <ul style="list-style-type: none"><input type="checkbox"/> Local ecology - who are you sharing the land with?<input type="checkbox"/> What is the ecological benefit of Small-Scale Agriculture?<input type="checkbox"/> Preservation of Environment - how do you minimize your farm's impact?<input type="checkbox"/> Sustainability<input type="checkbox"/> Biodiversity<input type="checkbox"/> How Do We Reduce, Reuse, and Recycle Our Materials?<input type="checkbox"/> Pollinators - what is pollination? What are beneficial pollinators?<input type="checkbox"/> Water Conservation
<p><u>MANAGEMENT</u></p> <ul style="list-style-type: none"><input type="checkbox"/> Manage a Group - conduct a intro circle<input type="checkbox"/> Safety Briefing<input type="checkbox"/> Team Building - know the names of your team members and their pronouns<input type="checkbox"/> Recording Volunteer Labour Hours - farm log sheet & certificate hour tracking<input type="checkbox"/> Assigning Breaks - ensure everyone is hydrated<input type="checkbox"/> Hosting Post Session Discussions - "A.R.K"<input type="checkbox"/> Recruiting for Certificate Program<input type="checkbox"/> Arrange RideShare	<p><u>FARM DESIGN</u></p> <ul style="list-style-type: none"><input type="checkbox"/> Farm Layout - why does everything go where it goes?<input type="checkbox"/> Field Planing - How to layout<input type="checkbox"/> Lasagna Bed Design - what are the different levels, and why do we use those materials?<input type="checkbox"/> Lasagna Bed Construction - how do you prepare the lasagna beds?<input type="checkbox"/> Clearing - how to clear space for crops
<p><u>DAY-TO-DAY OPERATIONS</u></p> <ul style="list-style-type: none"><input type="checkbox"/> Prepping for the Day - signing volunteers into the Farm Log, signing waivers<input type="checkbox"/> Checking the Weather Forecast - what tasks are possible/ not possible?<input type="checkbox"/> Setting a Goal for the Day<input type="checkbox"/> Set-up and Take-down - scanning of the land to ensure everything is secured properly<input type="checkbox"/> Damage Control - check infrastructure and crops. Has any damage been sustained?<input type="checkbox"/> Crop Care<input type="checkbox"/> Processing and Packaging Harvested Crops<input type="checkbox"/> Distributing Harvested Crops	<p><u>GREENHOUSE DESIGN</u></p> <ul style="list-style-type: none"><input type="checkbox"/> How a Greenhouse Works?<input type="checkbox"/> What is the Best Greenhouse to Shelter Your Seedlings?<input type="checkbox"/> Greenhouse Trays - how do you<input type="checkbox"/> set these up, and where do you put them?

<p><u>SOIL</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Soil Selection <input type="checkbox"/> Quality Control - what does good soil look like? <input type="checkbox"/> How to Mix Soil <input type="checkbox"/> Soil Amendments - how and when <input type="checkbox"/> Compost - what is it and how does it work? <input type="checkbox"/> Compost Creation - what goes into a good mix? <input type="checkbox"/> Compost Care - how do you manage a heap? <input type="checkbox"/> Mulching - what is the purpose of mulching and how do you do it? Heavy / light? 	<p><u>WATER</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Water Acquisition - how will you water everything on the farm? <input type="checkbox"/> How to Set Up and Use the irrigation system <input type="checkbox"/> Water Transportation - bucketing, hoses <input type="checkbox"/> Hose Handling - general use, checking the o-ring, and storing it properly <input type="checkbox"/> Water Testing
<p><u>CROP CARE</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Planting / Sowing Seeds <input type="checkbox"/> Early Germination <input type="checkbox"/> Crop Selection <input type="checkbox"/> Seed Storage - what are the best conditions for seeds? <input type="checkbox"/> Watering - how do you test the soil? <input type="checkbox"/> Watering Techniques - what is the difference between a soft/aggressive/low/high watering? <input type="checkbox"/> Seedlings / Starts - how do you promote growth? <input type="checkbox"/> Seedling Transplantation - how do you move a seedling to its permanent home? <input type="checkbox"/> Spacing of Crops - why is this done? <input type="checkbox"/> Companion Planting - why would you plant certain plants together? <input type="checkbox"/> Weeding - identifying weeds <input type="checkbox"/> Sunlight - why do plants need sunlight? <input type="checkbox"/> Pests - what are common pests to know about? <input type="checkbox"/> Pest Management - how to manage harmful species naturally? <input type="checkbox"/> Plant Disease - what diseases do we need to be aware of? <input type="checkbox"/> Disease Prevention <input type="checkbox"/> Harvesting <input type="checkbox"/> Crop Rotation 	<p><u>EQUIPMENT</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Tool Storage - how do you safely store tools? <input type="checkbox"/> Wheelbarrow Skills - load / unload <input type="checkbox"/> Weed Whacking and lawn mower - how to safely operate and general maintenance <input type="checkbox"/> Tractor Skills: <ul style="list-style-type: none"> - Scoop - Drop - Lift - Back Blade - Load - Soft Unload

	10hr
	20hr
	30hr
	40hr
	50hr

Senior Farm Manager Signature:

Farm Manager Signature:

Date Completed: