

How do I use Farmbrite to Grow Microgreens

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We understand growing microgreens holds its own challenges and you need to keep track of a lot of things during this very quick growing cycle. We are working on making this a little more seamless but in the interim you can use this flow to grow your microgreens with Farmbrite.

Add a New Microgreen Crop Type:

Begin this process by adding a new crop type that holds the specifics for growing this type of crop in a microgreen environment. (Example: Crop Type: Sunflower, Variety: Microgreen). Since you can have multiple types of the same plants that all have different planting and growing details it's important to add these in a way that you can keep them straight. Don't worry, you can always go in and alter and change the plant details by clicking Edit.

The screenshot shows the Farmbrite interface for adding a new crop type. The page title is "Sunflower, Microgreens" with the botanical name "Helianthus annuus" and internal ID "SUMI". The form is divided into two sections: "Type & Variety" and "Planting Details".

Field	Value
Crop Type	Sunflower
Variety / Strain	Microgreens
Botanical Name	Helianthus annuus
Internal Id	SUMI
Icon	SUMI
Start Before Last Frost	0 weeks
Days To Emerge	8 days
Plant Spacing	0.1 in
Row Spacing	0.1 in
Planting Depth	1.0 in
Start Method	Grown in Trays
Estimated Germination Rate	100.0 %

Note: During this step it's important to add your expected yield data so that Farmbrite can help calculate your yield. (We realize that the Expected Yield Per Spacing is very large for microgreens. You will just need to make that a smaller number at the moment as we work on this functionally).

The screenshot shows the "Harvest Details" form in Farmbrite. It contains several input fields for harvest-related data.

Field	Value
Days To Maturity	12 Days
Harvest Window	1 Days
Estimated Loss Rate	0.0 %
Harvest Units	pounds
Estimated Revenue	\$ 5.00 per harvest unit
Expected Yield Per 100ft	1.0
Expected Yield Per Acre	

Create a Grow Location

And example of this would be Microgreen Grow Room. Follow the steps in the setup wizard to great this

space. You can map the space to the house or other location where this is located.

Create a New Microgreen Planting

Add your new crop type to your grow location. Make sure it is added as "Grown in trays". Harvest date will be in 12 days (or whatever it is for this plant).

Note: You can add time onto your harvest date to adjust for the soak time or other steps needed. You can also create a task around these steps. or simply check the create tasks box at the bottom of the screen when you are setting up the planting and it the tasks will automatically be created.

Add/Update task(s) for planting dates

Cancel

Create Planting(s)

Add Tasks for your Microgreens:

Soak:

Create a task (or series of tasks) around caring for the plant at this stage.

Grow Room-Microgreens GGR

New Task

Title

All Users All Tasks

Task	Associated To	Due ^	Priority	Status	Assignee
Plant Sunflower, Microgreens in Grow Room-Microgreens location	Grow Room-Microgreens <small>Grow Location</small>	Oct. 13, 2022		Unassigned	
Harvest Sunflower, Microgreens from Grow Room-Microgreens location	Grow Room-Microgreens <small>Grow Location</small>	Oct. 26, 2022		Unassigned	

Germinate:

This step is created when you created the planting (but you can add tasks around this for specifics about this plant. (Dark phase) Or you can add this as a detail on this crop type.

Move to rack.

Create a task on that planting.

Harvest:

This task will also be created if you add a harvest date (or if it's calculated for you on the plant) and then the button at the bottom of the creating a planting is checked.

Seed Details

Seed Company

Seed Type

Lot Number Origin

Seeds Per Hole/Cell

Tray Size (Cells Per Tray)

Expected Starts Per Tray

Number Of Trays

Tray Numbers

Add/Update task(s) for planting dates

Cancel

Add More than one Microgreen Planting:

Create plantings over an over by using the bulk calculation creator in the "Calculate Plantings" button. You will find this on the my crop tab. Create these by going to the specific plant you want to calculate and click the "Calculate Plantings" button

Calculate Plantings

Use this tool will help you calculate and create bulk plantings based on how much yield you need and when you need it by.

Date Needed

Amount Needed Pounds

Repeat Until

Cancel

□

We realize that microgreens offer their own growing challenges. We are working to make this process smoother. In the interim please reach out if you have questions.
