

# How Do I Create a New Crop Type?

Last Modified on 07/01/2024 11:14 am MDT

## How Do I Create a New Crop Type?

Creating a crop type is the first step in the process of tracking your farm's crops in Farmbrite. You'll supply the crop type's details once, and Farmbrite will use them each time you plant this crop type in a grow location in the future. This basic set up process saves you repetitive data entry work, and allows your Farmbrite system to calculate future harvest dates and predict crop revenue.

*Note: Be sure to complete your [Account Settings](#) before adding your crop types. This will allow you to choose Imperial or Metric measurements, and set your Hardiness Zone to calculate first and last frost dates. **We can't stress this enough - to avoid future confusion, it is critical for you to choose your measurement system before adding your crop types.***

To add a new crop type, navigate to Crops from the left menu. You'll be defaulted to the My Crops page; click the **New Crop Type** button to get started. If you have many to add, you can also [import your crop types](#) from a spreadsheet if you find that easier. You can also update your existing crop types from an import as well.

The screenshot shows the Farmbrite interface. The left sidebar menu includes: Schedule, Tasks, Livestock, Crops (highlighted), My Crops (highlighted), Grow Locations, Crop Plan, Location Map, Yield Comparison, Resources, Accounting, Market, Contacts, Farm Map, and Reports. The 'Crops' menu item has a dropdown arrow, and 'My Crops' has a checkmark. The 'New Crop Type' button is highlighted in the top right of the 'My Crops' section. The main content area displays a table of crop types:

CROP TYPE	PLANTED
<b>Onion</b>	
Onion <small>ON</small> Allium cepa	-
<b>Peppers (Hot)</b>	
Peppers (Hot), Inferno <small>PEIN</small> Capsicum annuum, Hot	0.24 acre <small>Field A</small>
Peppers (Hot), Thai Dragon <small>PETH</small> Capsicum annuum, Hot	1.0 acre <small>Southeast Deck Planters</small>

Displaying all 3 plants  
Download all Types

A new window will open - you'll see the steps in this process highlighted along the top.

In **Step 1**, you'll add Plant Type and Variety information for the crop.

1. Type - This is a search box to find pre-loaded crop types. Start typing the name of your crop (ex. Tomatoes, Peppers, etc.) and Farmbrite will suggest selections from our crop dictionary. Select your crop type from the list. Don't worry if you don't see what you are looking for; you can create custom crops outside of the list by simply typing whatever you need into the field.

2. Variety/Strain - Provide information about the variety or strain of this crop. In our example below, we're identifying our tomatoes as the San Marzano variety.

3. Internal ID - If you have an identifying number for this crop, you can supply it here. If you do not have one, feel free to leave this blank, as Farmbrite will automatically generate one for you.

**New Crop Type** ✕

1 Plant Type & Variety 2 Planting Details ✓ Complete

Type

Variety/Strain

Internal Id  ⓘ

[Cancel](#) [Save & New](#) [Next, Planting Details](#)

Click the **Next Planting Details** button to move on to Step 2. Alternatively, you could click **Save & New** to save this crop type without adding more details, and create your next crop type immediately.

**New Crop Type** ✕

1 Plant Type & Variety 2 Planting Details ✓ Complete

Type

Variety/Strain

Internal Id  ⓘ

[Cancel](#) [Save & New](#) [Next, Planting Details](#)

In **Step 2**, you'll supply planting and harvest details about the crop type.

**New Planting Details**
✕

**1** Plant Type & Variety
**2** Planting Details
✔ Complete

---


### Type & Variety

Crop Type **Tomatoes**

Variety / Strain

Botanical Name

Internal Id  ⓘ

Icon 

---

### Planting Details

Start Before Last Frost  weeks

Days To Emerge  days

Plant Spacing  in

Row Spacing  in

Planting Depth  in

Light Profile  ▼

Planting Details

Perennial  Direct Sow  Start Indoors

---

### Harvest Details

Days To Maturity  Days

Harvest Window  Days

Harvest Units  ▼


Estimated Revenue  per harvest unit ⓘ

Expected Yield Per 100'

Cancel Save & New Save

You'll immediately see the information you provided in Step 1 at the top within the Type and Variety section. Note the preloaded Botanical Name and Crop Icon. This icon is used for at-a-glance identification of your crops throughout Farmbrite. You may update either of these fields - browse through the icons and pick your favorite, as there may be multiple to represent each variety or crop type.

## Type & Variety

Crop Type	Tomatoes
Variety / Strain	San Marzano
Botanical Name	Solanum lycopersicum
Internal Id	T-SM <span>?</span>
Icon	

You'll then supply your Planting Details. *Remember, your measurement units shown in this step are determined by your selection in your [Settings](#).*

## Planting Details

Start Before Last Frost	7	weeks
Days To Emerge	8	days
Plant Spacing	30.0	in
Row Spacing	30.0	in
Planting Depth	0.25	in
Light Profile	Full Sun	▼
Planting Details	needs lower Ph and extra humidity in the seedling stage	
<input type="checkbox"/> Perennial <input type="checkbox"/> Direct Sow <input checked="" type="checkbox"/> Start Indoors		

1. Start Before Last Frost - How many weeks should you start this crop type's seedlings before the last frost of the season?
2. Days to Emerge - How many days will it take for your planted seedlings to germinate?
3. Plant Spacing - How much space should you leave between plants within a row? This will be used to calculate plant counts in a field once you create a planting record for this crop type.
4. Row Spacing - How much space should be left between rows of this crop type? Like Plant Spacing above, this will also be used to calculate plant counts in a field.
5. Planting Depth - How deep should the seedlings be planted?
6. Light Profile - What are the light requirements for this crop type? From full sun to full shade and

anything in between, select what works best for this crop type.

7. [Soil Conditions](#) - What soil type does this crop type grow best in?
8. [Planting Details](#) - Add any additional details you'd like associated with this crop type. Maybe some helpful tips you've learned through trial and error experimentation, like our PH and humidity information in the screenshot.
9. [Pruning Details](#) - Add any details about how this new crop type should be pruned.
10. [Attributes](#) - Is this crop type a perennial? Marking it as a perennial will allow you to create a perpetual planting that will be automatically retained season after season. Then, choose if you will you sow this crop type directly into a grow location or start it indoors? If sown directly, you'll bypass questions about germination trays when creating the planting for this crop type.

Next, you will add your **Harvest Details**.

### Harvest Details

Days To Maturity	<input type="text" value="70"/>	Days
Harvest Window	<input type="text" value="14"/>	Days
Harvest Units	<input type="text" value="pounds"/>	▼
Estimated Revenue	<input type="text" value="\$ 2"/>	per harvest unit
Expected Yield Per 100'	<input type="text" value="250"/>	

1. [Days to Flower](#) - If relevant to this crop type, add the number of days from the planting date that you might expect to start seeing flowers on this crop. This might help you track extra details for your fruiting perennial plantings.
2. [Days to Maturity](#) - The days to maturity is the average number of days from seeding date to harvest, within a specific crop group. If this is a transplanted crop, it is the average number of days from transplant date. Not sure if crop is direct-seeded or transplanted? Check the Growing Information on your seed packet for details. If a crop can be both direct-seeded or transplanted, days to maturity refers to direct seeding date. The days to maturity is calculated from seeding date. *Note: Clicking add tasks to calendar will add these important dates to your tasks. You will find this button at the bottom left hand side of the screen when adding a new planting of your crop.*
3. [Harvest Window](#) - What's the sweet spot for harvesting this crop type after it has reached maturity? This will be used in your crop plan to guide you on the ideal time to harvest.
4. [Harvest Units](#) - How do you measure your yield from this crop type - pounds, kilograms, bushels, etc.
5. [Estimated Revenue Per Unit](#) - How much will you earn from each harvest unit selected above? This will be used to calculate your estimated total revenue from plantings for this crop type.
6. [Expected Yield Per 100'](#) - If you expect to plant this crop type in standard 100 foot rows, how much

yield do you expect for each row?

If you need to track more information than the standard fields outlined above, you can [create custom fields](#) for your crop types to keep records of any characteristics and data points that you need. *Note: Custom fields are available with Farmbrite's Plus and Premium subscriptions.*

After providing any of this information, click **Save** to save this crop type and return to the crops homepage, or **Save & New** to save this crop type and immediately create another one.

The screenshot shows the 'Planting Details' form in the Farmbrite interface. The form is divided into two main sections: 'Planting Details' and 'Harvest Details'. The 'Planting Details' section includes fields for 'Start Before Last Frost' (7 weeks), 'Days To Emerge' (8 days), 'Plant Spacing' (30.0 in), 'Row Spacing' (30.0 in), 'Planting Depth' (0.25 in), 'Light Profile' (Full Sun), and a text area for 'Planting Details' containing 'needs lower Ph and extra humidity in the seedling stage'. There are also checkboxes for 'Perennial', 'Direct Sow', and 'Start Indoors' (checked). The 'Harvest Details' section includes fields for 'Days To Maturity' (70 Days), 'Harvest Window' (14 Days), 'Harvest Units' (pounds), 'Estimated Revenue' (\$ 2 per harvest unit), and 'Expected Yield Per 100\'' (250). At the bottom right, there are three buttons: 'Cancel', 'Save & New', and 'Save'. The 'Save & New' and 'Save' buttons are highlighted with a green border.

Your new crop type will be saved, and you can use it for new plantings going forward. But before you create that planting record, you'll want to be sure you have created grow locations to plant it in! Check out [this article](#) for more information on creating grow locations.

## Days To Maturity

Days to maturity is the average number of days from seeding date to harvest, within a specific crop group. If this is a transplanted crop, it is the average number of days from transplant date. Not sure if crop is direct-seeded or transplanted? Check the Growing Information on your seed packet for details.

If a crop can be both direct-seeded or transplanted, days to maturity refers to direct seeding. The days to maturity is calculated from seeding date.

If you have any questions about creating crop types after reading this article, [please reach out to us!](#)