

Welcome To
The Future Of
Microgreens

Product Manual




VertiGrow



Built By Farmers, For Farmers

Microgreens Consulting and VertiGrow have joined forces to develop tools that save microgreens farmers time, enhance product quality, and reduce plant disease. The Little Green Seeding Machine is a product of this collaboration, designed, created, and manufactured by farmers for farmers.

Every aspect of its design was meticulously considered with the microgreens farmer in mind. From its ergonomic design to its quick seed-changing capability, the Little Green Seeding Machine makes microgreens seeding a breeze!



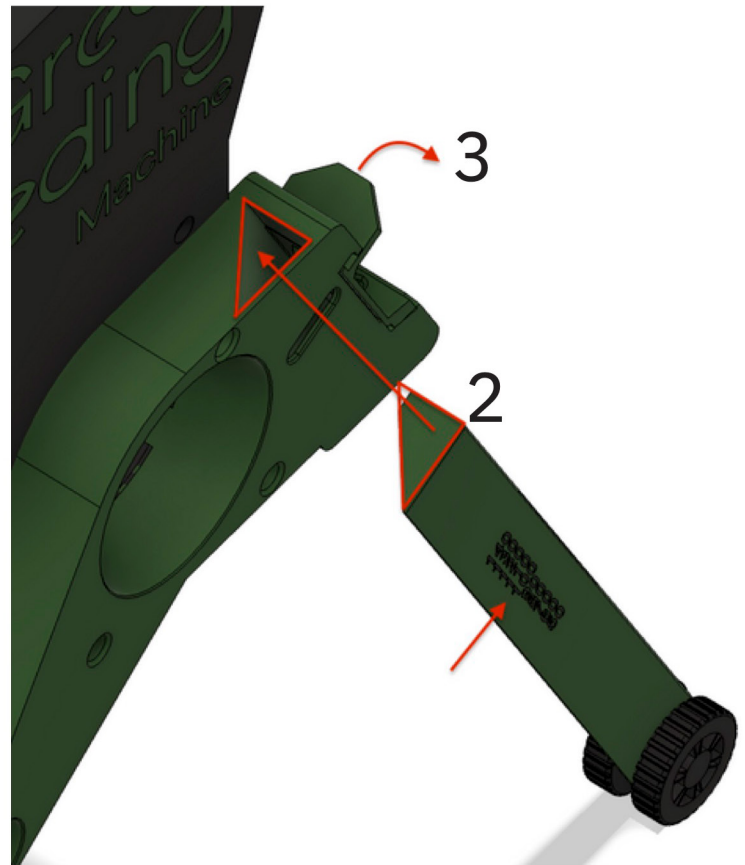
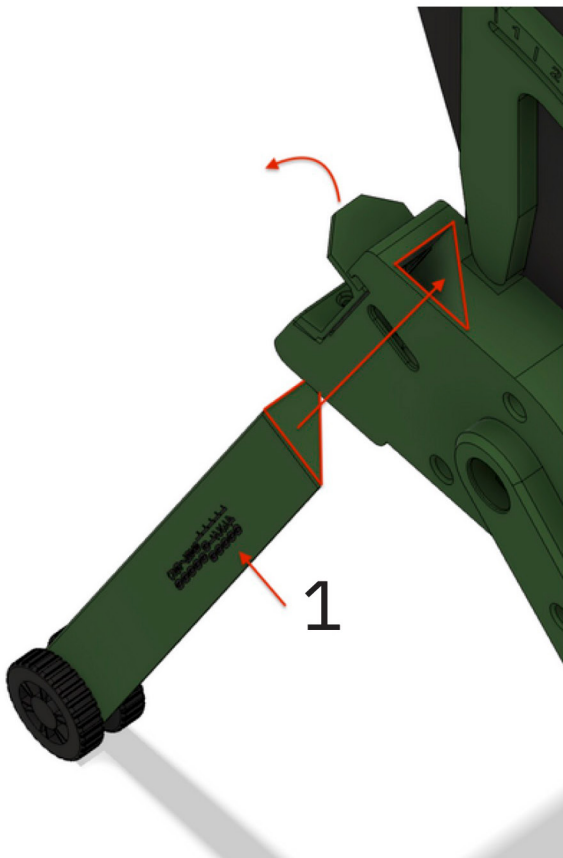
Assembly Instructions

Your seeder is pre-assembled, and there's just one simple step left:

Attach the front legs – Each leg is designed to fit only on its correct side of the seeder.

1. Make sure the numbered side faces outward.
2. Line up the triangle-shaped end with the matching hole on the seeder.
3. Pull the tab and insert the leg.
4. Repeat for the other side.

That's it! Your seeder is now ready to go. For detailed instructions on how to use it, check out page 3 of the manual.



Instruction Guide

The Little Green Seeding Machine comes ready to use right out of the box. Just follow these easy steps to begin saving time and money.

If you already know the seeding rate for your crops, refer to the **Quick Chart Guide** on the next page to select the right wheel size and roller for the ideal seeding density.

We suggest starting with a brush tension setting of 6. From there, you can fine-tune the setting up or down to adjust the seeding rate to your preference.

To switch between seed varieties, first loosen the brush tension to 1, allowing the seeds to fall into an empty tray or seed bag. Spin the wheel to clear any remaining seeds from the roller. If necessary, remove the roller and/or wheel. Then, refer to the graphic below for further instructions.



Step 1

Insert roller matching the desired seed variety



Step 2

Insert wheels matching the seeding rate you want



Step 3

Adjust front wheels to match the back wheels and adjust brush tension



Step 4

Add seed to the hopper until it's at least 1/4 full



Get the best out of your seeder! Scan the QR code for videos with helpful tips and instructions.

Need help or have a question?

Reach out anytime at seeder@vertigrow.io

We're real farmers who care, and we're just an email away!



Step 5

Take the afternoon off with all your new free time

Quick Start Seeding Guide

This guide is designed to make setting up your Little Green Seeding Machine quick and easy!

To get started, find the closest seeding rate that matches your current seeding density, then use the corresponding wheel size and roller combination. You should only need to do this once unless you adjust your seeding rates in the future.

The brush adjuster alters seeding rates, but using different wheels is a more accurate and reliable method to reach your target seed density.

Seed size can vary between lots and suppliers, so when using a new batch of seeds, we recommend retesting the seeding rate to ensure it aligns with your current setup. The seeder is compatible with nearly all microgreens. Below are the most commonly used varieties.

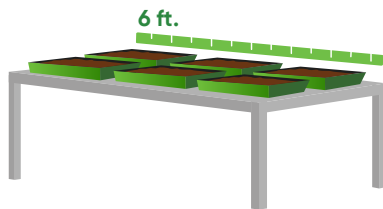
Quick Start Chart Precision Pro

Crop	Roller	All Seeding Rates in Grams														
		40	45	50	55	60	65	70	75	80	90	100	110	120	130	140
Broccoli	2A	17.4	16.0	14.5	13.2	12.8	12.3	11.9	11.2	10.5	9.3	8.4	7.6	7.0	6.5	6.0
	2B	52.8	48.4	44.0	42.9	39.3	37.2	34.7	32.6	30.6	27.2	24.5	22.3	20.4	18.8	17.5
Kale	2A	16.2	14.9	13.5	13.1	12.7	12.3	11.5	10.8	10.2	9.0	8.1	7.4	6.8	6.2	5.8
	2B	46.8	42.9	39.0	36.8	34.8	30.8	28.8	27.0	25.4	22.6	20.3	18.5	16.9	15.6	14.5
Cabbage	2A	16.4	15.1	13.7	13.3	12.2	11.9	11.1	10.4	9.8	8.7	7.8	7.1	6.5	6.0	5.6
	2B	42.0	38.5	35.0	36.0	33.0	31.8	30.8	28.8	27.1	24.1	21.7	19.7	18.1	16.7	15.5
Mustards	2A	18.8	17.2	15.7	15.2	14.7	14.3	13.4	12.5	11.8	10.5	9.4	8.6	7.8	7.2	6.7
	2B	45.9	42.1	38.3	34.8	31.9	30.8	28.8	27.0	25.4	22.6	20.3	18.5	16.9	15.6	14.5
Red Rambo Radish	2B	46.8	42.9	39.0	38.2	35.0	33.0	30.9	28.9	27.0	24.9	22.4	20.4	18.7	17.2	16.0
Amaranth	1A	14.4	13.2	12.0	11.2	10.3	9.4	8.8	8.0	7.5	7.0	6.4	5.8	5.4	5.0	4.5
Basil	1A	11.2	10.2	9.3	8.9	8.2	7.3	6.8	6.7	6.3	5.5	5.0	4.5	4.2	3.8	3.5
Cilantro (Monogerm)	3A	43.2	39.6	36.0	34.7	32.0	31.1	29.0	28.7	27.0	26.0	23.0	22.0	21.5	20.0	18.0
Cilantro (Whole Seed)	3A	41.5	38.0	34.6	31.4	29.0	27.9	26.0	25.5	24.0	22.0	21.0	19.5	18.5	17.5	15.5
Arugula	1A	12.5	11.4	10.4	9.5	8.8	8.4	7.8	7.7	7.2	6.6	5.8	5.4	4.8	4.4	4.2
Beets	4A	51.6	47.3	43.0	41.0	40.0	39.3	36.7	34.4	32.4	28.8	25.9	23.5	21.6	19.9	18.5
Red Veined Sorrel	1B	3.8	3.4	3.0	2.8	2.5	2.3	2.1	1.9	1.7	1.6	1.4	1.3	1.2	1.1	1
Pea Shoots (Dry Seed)	5A	612	561	510	487	450	429	400	388	365	335	300	275	245	235	225
Pea Shoots (Soaked Seed)	5B	744	682	620	610	563	536	500	510	480	450	430	400	380	360	350
Sunflower (Dry Seed)	5A	192	176	160	160	148	145	135	133	125	110	102	95	85	81	77
Sunflower (Soaked Seed)	5B	444	407	370	357	330	321	300	298	280	260	230	220	210	200	190
Wheatgrass	5A	543	482	434	395	362	334	310	289	271	241	217	197	181	167	155
Corn	5A	665	591	532	484	443	409	380	355	333	296	266	242	222	205	190
Vermiculite	V1	More vermiculite ←—————→ Less vermiculite														

Tips & Tricks

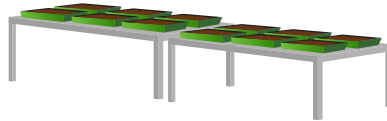
1

For efficient seeding in small spaces, we recommend using a **standard 6' foldable table**. Arrange two rows of three trays on the table, and roll the seeder over the trays.



2

If you have extra space, using **multiple tables** can speed up seeding even faster.



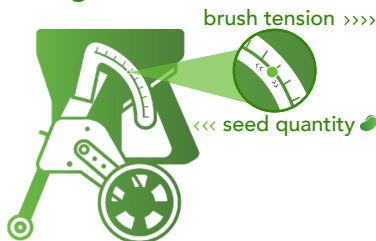
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The quick start guide is based on a **brush tension of 6**. We recommend starting with this brush setting.



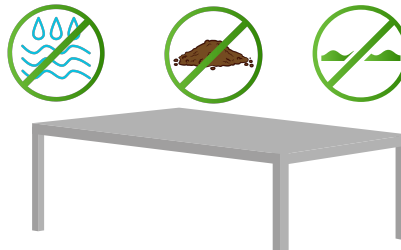
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The higher the brush tension (up to 9), the less seeds are released and more consistent the seeding rate will be. The looser the brush tension, the more seeds are released and the less consistent the seeding rate will be.



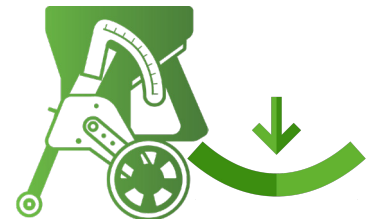
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The Little Green Seeding Machine works best on a **flat, even surface**. A stainless steel table or smooth plastic works great. For best traction, ensure the surface is **dry and mostly free of soil or debris**.



6

While rolling the seeder across your trays, **apply downward pressure** to improve traction and prevent the wheels from slipping.



7

For **soaked sunflower seeds**, we recommend letting them **air dry for a few hours** before using the seeder. Wet sunflower seeds tend to clump, preventing even distribution. If the seeds crumble easily in your hand without sticking, they are dry enough to use.



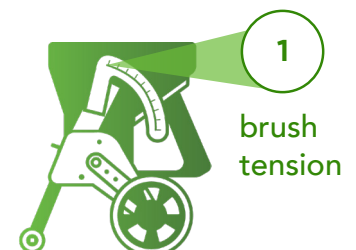
8

For **peas and sunflower seeds**, there's a chance the seeds might get stuck under the wheels and jam the seeder. Be sure to **keep the table clear of excess seeds** for smooth and efficient seeding. Other seed varieties do not need excess seeds cleared from the table before seeding.



9

When the seeder is not in use, loosen the brush tension to 1 to prevent warping. This simple step will help extend the life of the brush for several years.



Warranty Information

We Stand Behind Our Product!

One-Year Limited Warranty

Your Little Green Seeding Machine comes with a One-Year Limited Warranty. We stand behind our product and guarantee it to be free from material and workmanship defects for one full year from your purchase date.

What's Covered:

Material & Workmanship Defects: We guarantee that your seeding machine will function as expected under normal commercial farm use, provided it's used and maintained as directed.

Replacement Parts:

If any part of the machine is defective, we will repair or replace the faulty part at no cost to you.

What's Not Covered:

Normal Wear & Tear: Routine use may cause natural wear that isn't covered, including parts like belts and brushes.

Damage from Misuse:

Incorrect installation, lack of proper maintenance, or intentional damage due to mishandling will void the warranty.

Unauthorized Repairs:

Any modifications or repairs performed by non-authorized parties or using non-approved parts will void the warranty.

Cosmetic Damage:

Scratches, dents, fading, and other aesthetic issues that do not affect functionality are not included.

Environmental Damage:

Damage caused by external factors such as exposure to extreme weather, flooding, fire, or improper storage conditions.

Consumable Parts:

Items such as belts and brushes that naturally wear out over time are not covered by this warranty.

For any claims under this warranty or any questions about replacement parts, please contact our customer support team with proof of purchase and details of the issue at **seeder@vertigrow.io**.

Seed Faster, Grow Smarter



Precision Pro

Less vermiculite