

THE FARMSTAND NOOK ASSEMBLY & SETUP

Scan For Videos



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WHERE TO PLACE YOUR FARMSTAND

Download the App

The Lettuce Grow app syncs to new, smart devices connected to your Farmstand Nook, gives weekly maintenance information, and harvest guidance. Download it for the ultimate hassle-free growing experience!

4 Square Feet of Level Space

A 2' x 2' area ensures enough space for your floor mat and unrestricted access to your plants.

Power and Water Access

Your Farmstand Nook needs continuous power and weekly water refills.

Quick and Easy Positioning

The Farmstand Nook was designed with small spaces and close proximity to kitchens in mind. Keep it nearby and treat it like a personal, living pantry.

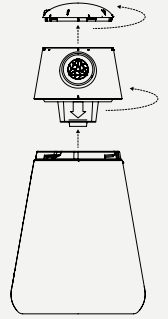


Download the Lettuce Grow App
for growing tips & reminders!



WHAT'S IN THE BOX?

To access all components, unlock the Nook's lid from the Collar and the Collar from the Tank by rotating them counterclockwise. Some parts will be boxed separately.



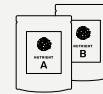
LID



REUSABLE SLEEVE (X20)



FLOOR MAT



NUTRIENTS A & B



LIGHT LEVEL (X4)



REUSABLE CUP (X20)



TSP SCOOP (X2)



PLANT LEVEL (X4)



WATER DIFFUSER



pH TEST CUP



FILL PORT COVER



COUPLER (X2)



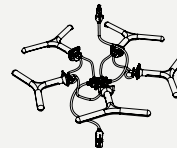
TOP LIGHT (SINGLE CABLE) (X1)



pH DOWN



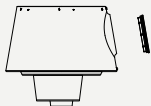
HOSE COUPLER (NEEDED FOR EMPTYING FARMSTAND)



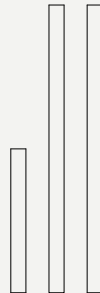
LOWER LIGHT (DUAL CABLE) (X3)



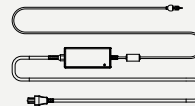
pH PEN



COLLAR + GASKET (PRE-ASSEMBLED IN COLLAR)



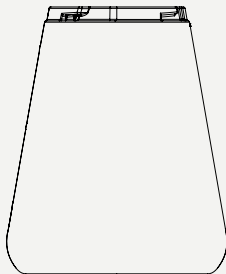
PVC PIPES



POWER SUPPLY



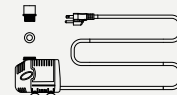
pH CALIBRATION KIT



TANK



SMART TIMER



PUMP + RUBBER GASKET + PUMP FITTING + SUCTION CUPS



PIPETTE



STICKERS

ASSEMBLING THE FARMSTAND NOOK: PUMP AND TANK

1

Lay the Floor Mat where your Farmstand Nook will be placed and center the Tank on top.

2

Locate your Pump and rotate the dial on the front of the Pump clockwise until it can no longer turn- in order to ensure the opening is in the correct position. Attach the suction cups to the bottom of the Pump.

3

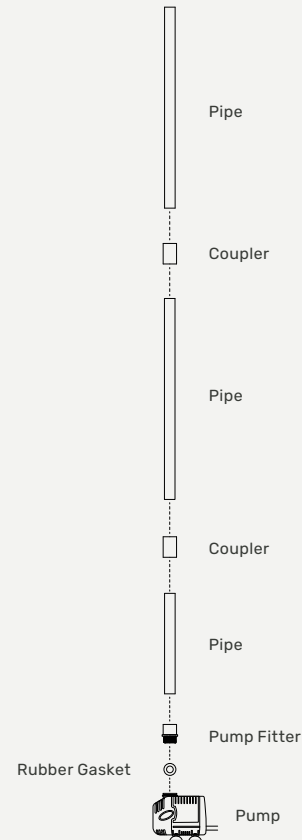
Fit the Rubber Gasket around the end of the Pump Fitting, then screw it into the opening of the Pump. Attach the Pipes and Pipe Couplers as shown in the illustration.

4

Firmly press the pump in the center of the tank to secure the suction cups. Rest the Pump cord in the groove on the Tank.

5

Locate the Power Supply and set it on the ground next to the Tank.



ASSEMBLING THE FARMSTAND NOOK: PUMP AND TANK

6

Place the Collar over the Pipes and slide it down to the Tank while passing the male end of the Power Supply cable up through the center of the Collar. Rest the other end of the Power Supply cord in the groove of the tank. Make sure there is enough slack in the Power Supply cord to make a U-loop as shown in the illustration.

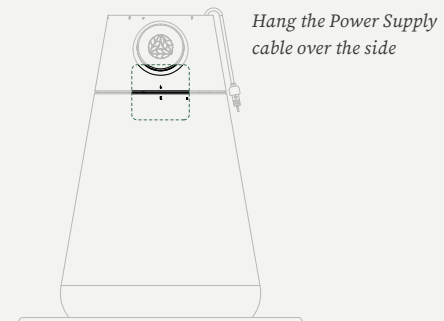
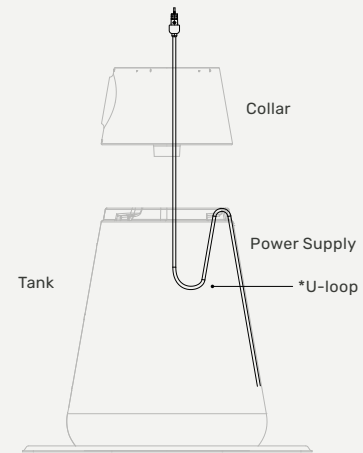
Important note: Parts within the Collar may become dislodged in transit. If the Collar is not fitting properly to the Tank or if any parts are loose, contact our support team by phone, live chat, text or email 7 days a week from 8am to 5pm PT here.

7

Lock the Collar into place by turning it clockwise until the markings on the Collar and Tank align. The Fill Port should be on the opposite side from the groove on the tank. Hang the Power Supply cable over the side so it doesn't fall into the tank.

8

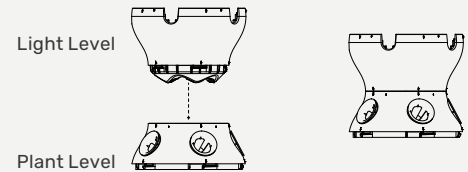
Press the Pump and Power Supply cords into the groove on the side of the Tank. Secure the Fill Port Cover into the opening on the front of the Collar.



ASSEMBLING THE FARMSTAND NOOK: LIGHT LEVELS AND PLANT LEVELS

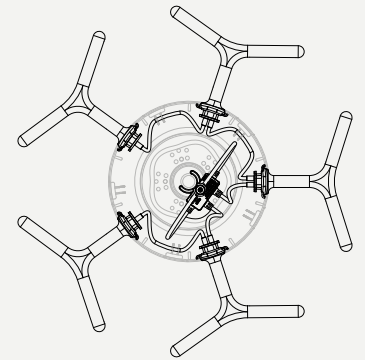
9

Locate your boxed Top Lights and Lower Lights. **Be sure to keep them separated.** Assemble the first module by placing a Light Level on top of a Plant Level and turning clockwise until the lines on both levels are aligned.



10

Take hold of a dual-cabled Lower Light. Attach it to the Light Level by placing one light in each of the 5 u-notches. As you do this, place the first light to the right of the groove on the inner ring of the module, connecting in a clockwise circle. Be sure to slide each light all the way down so that the top of the light is flush with the top of the Light Level.

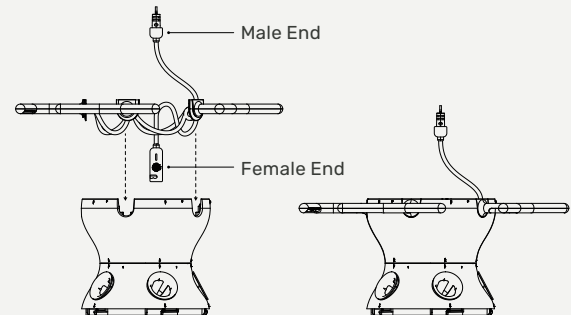


11

The Light cables should circle the inside of the Light Level without any overlap as shown here.

12

Pass the female cable from the Light down through the center of the module.



13

Repeat steps 9 through 12 for the other two Lower Lights.

14

Repeat steps 9 through 12 for the final Top Light. This will go on last.

ASSEMBLING THE FARMSTAND NOOK: ATTACHING THE MODULES

15

Place one of the fully assembled lower level modules over the Pipe and slide it down to rest on the Collar. Insert the the male end of the Power Supply into the female end of the light cable. Twist until locked.

16

Lock the module onto the Collar by twisting it clockwise until the lines on both levels are aligned.

17

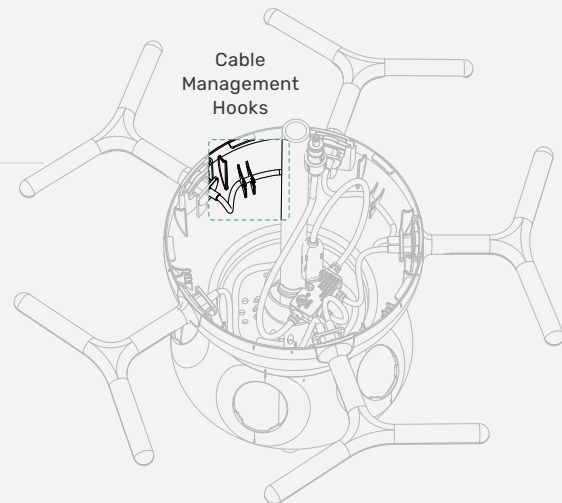
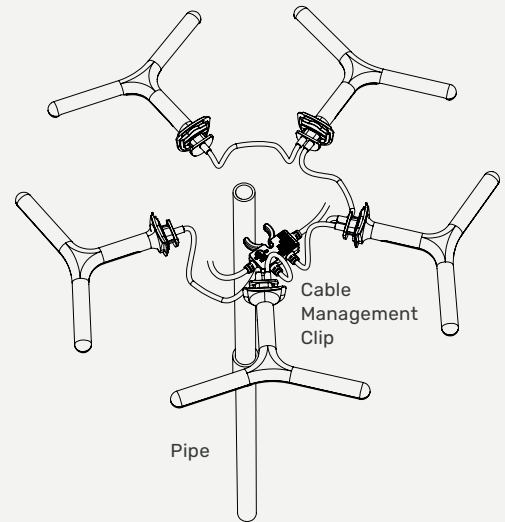
Fasten the cable management clip to the center Pipe and press the clip down onto the inner ring of the module to secure it in place.

18

Locate the cable management hooks inside the module and use them to secure the cables between each light.

19

Repeat step 15 to 18 for the remaining modules, with the top module going on last.



ASSEMBLING THE FARMSTAND NOOK: ATTACHING THE MODULES

20

Place the Water Diffuser on the end of the Pipe.

21

Lock the Nook's Lid into place by turning it clockwise on the top level until the lines on both levels are aligned.

22

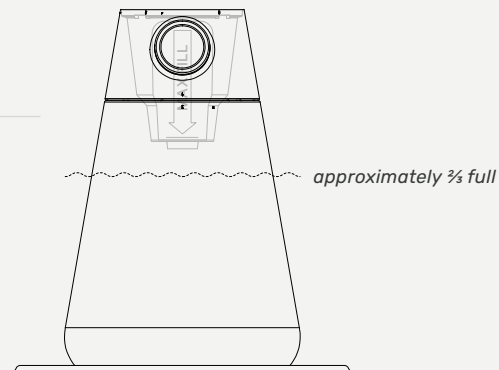
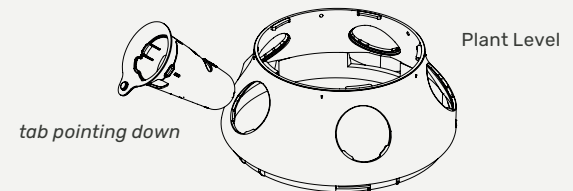
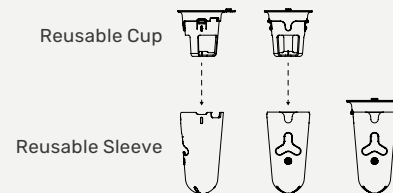
Important note: Squeeze the side tabs on the reusable Plant ID Cups to soften them before first time use. Then, properly align and connect them with the Sleeves as shown in the illustration. The Sleeve will click when it locks in place.

23

Place the assembled Sleeved Cups in the Nook by sliding them in with the tab pointing down until you hear a click. The top of the cup should touch the module.

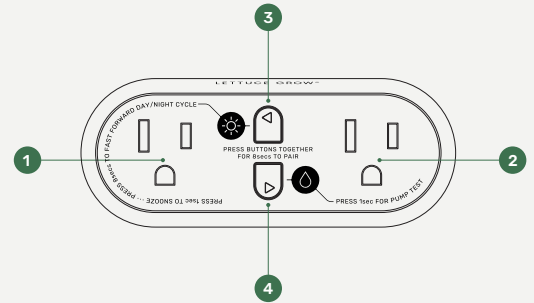
24

Add water to your Nook by removing the Fill Port Cover and filling until the tank is approximately $\frac{3}{4}$ full.



SETTING UP THE FARMSTAND NOOK SMART TIMER

We recommend using the Smart Timer with the Lettuce Grow App for our most up-to-date timer recommendations and full control of the settings. If you don't have access to wifi, the Smart Timer can also be configured manually, however this is not suggested for optimal growth settings.



SMART TIMER SETUP AND USE WITH THE LETTUCE GROW APP	SMART TIMER SETUP AND USE WITHOUT THE LETTUCE GROW APP
<p>1 Download the Lettuce Grow app.</p>	<p>1 Plug the Smart Timer into a working outlet.</p>
<p>2 Open the app and login in with your account information.</p>	<p>2 Plug the lights into the left outlet (1) and the pump into the right outlet (2).</p>
<p>3 Click "Connect a Smart Timer" and follow the instructions.</p>	<p>3 The timer will automatically set the start of the 14-hour Day cycle when you initially turn it on. We recommend plugging in your Smart Timer when you want the Day cycle to begin.</p>
<p>4 Plug the lights into the left outlet (1) and the pump into the right outlet (2).</p>	<p>4 You can reprogram the Smart Timer at any time to start the beginning of the next Day or Night cycle by pressing and holding the top button (3) for 5 seconds.</p>

SETTING UP THE FARMSTAND NOOK SMART TIMER

DEFAULT APP SETTINGS

We recommend mimicking the natural outdoor light cycle, but you can make adjustments as needed.

DAY (8am - 10pm)	Lights (On)	Pump
	14 hours	2 mins on/ 58 mins off

NIGHT (10pm - 8am)	Lights (Off)	Pump
	10 hours	2 mins on/ 2 hrs 58 mins off

OPTIONAL FUNCTIONALITY:

Pump Test

This feature allows you to run the pump for short periods of time. Press the bottom button (4) to run a 15-minute pump test. When the test starts, the light on the top button (3) will be solid while the light on the bottom button (4) will blink.

Timer Snooze

Need a break? Pause the Nook's Pump and Lights for 90 minutes by quickly pressing the top button (3). The regular cycle will continue once the snooze is

ADDING NUTRIENTS AND ADJUSTING PH

ADDING NUTRIENTS

1

Start by removing the Fill Port Cover.

2

Add warm water to a lidded jar and add 6 TSP of Nutrient A. Secure the lid and shake until dissolved. Pour contents into the Tank.

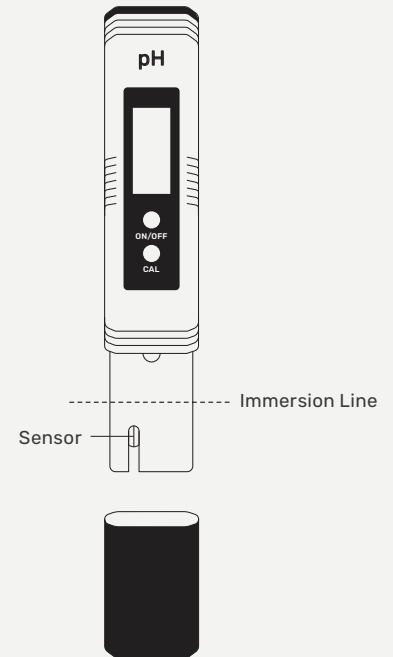
3

Repeat with Nutrient B.

4

Top off the water level in the Tank.
Warning: do not exceed the fill line.

NOTE: The above dosage is for a fresh tank of water- the weekly maintenance dosage is 1 tsp. of A & B.



ADDING NUTRIENTS AND ADJUSTING PH

CALIBRATING YOUR PH PEN

1

Unbox your pH pen.

2

Gather three clean cups and three spoons. Fill each cup with 1 cup of room temperature water.

3

Pour each buffer solution into a separate cup and stir gently with a separate spoon until dissolved. Place each packet next to the corresponding cup.

4

Remove the pen cap and protective film from the screen.

5

Clean the sensor by holding it under clean running water.

6

Press the "ON/OFF" button to turn on the pen.

7

Immerse the sensor in the cup with the 6.86 buffer solution. Do not exceed the immersion line. Press "CAL" for 5 seconds. 6.86 will flash 3 times.

8

Clean the electrode by holding it under clean running water.

9

Immerse the sensor in the cup with the 4.01 buffer solution and press "CAL" for 5 seconds. 4.01 will flash 3 times.

10

Clean the sensor by holding it under clean running water.

11

Immerse the sensor in the cup with the 9.18 buffer solution and press "CAL" for 5 seconds. 9.18 will flash 3 times.

12

Hold the sensor under clean running water, gently dry it and replace the cap.

Always replace the cap after use and store out of direct sunlight or heat. The pH Pen will need to be recalibrated every 6 months, or if it is unused for a prolonged period of time, is used very frequently, or if stored improperly.

ADDING NUTRIENTS AND ADJUSTING PH

TESTING PH

- 1 Rinse the sensor located at the bottom of the pen with water.
- 2 Press the "ON/OFF" button to turn on the Pen.
- 3 If the pump is not currently running, run a Pump Test (via the app or manually) before testing pH levels.
- 4 Remove the Nook lid and use the pH Test Scoop to collect water.
- 5 Place the sensor in the pH Test Scoop.
Warning: do not exceed the fill line.
- 6 Stir gently and wait 30 seconds for an accurate reading. The ideal pH range is between 5.5 - 6.0.
- 7 If your water is within the 5.5 - 6.0 range, rinse the electrode with fresh water, press the "ON/OFF" button to turn off the pen, and replace the cap.
- 8 If your water is above 6.0, continue on to learn how to adjust the pH.
NOTE: Always replace the cap after use and store out of direct sunlight.

ADJUSTING PH

If the reading is above 6.0, you'll need to adjust it by adding pH Down.

- 9 Make sure the pump is running. If needed, run a Pump Test.
- 10 If pH is between 6.1 - 6.5, draw 5mL of pH Down using the Pipette and add it directly to the Tank through the Fill Port.
- 11 If pH is higher than 6.5, draw 10mL of pH down using the Pipette and add it directly to the Tank through the Fill Port.
- 12 Let the pump run for 5 minutes to make sure the pH down is thoroughly mixed.
- 13 Retest the pH and repeat steps 8-12 until pH is in range.
You have just balanced your pH levels! Remember to do this weekly after you add your regular dosing of nutrients and top off the water level. Both nutrients and water affect pH, so testing and adjusting should always be the last step.

NEXT STEPS

PLANT SEEDLINGS

Place each seedling in an open Grow Cup on your Farmstand. Make sure the plant is pushed all the way down into the Grow Cup. Our seedling orders arrive with Plant ID Labels that fit on the tab of each Cup. Just fold the label and push the circle through the tab on the Grow Cup.

WHAT TO EXPECT

By week 3 you'll be able to 'Cut and Come Again' from certain plants to make fresh salads and garnishes. As they keep growing, be sure to eat and enjoy the fruits of your labor so plants remain at a manageable size. 'Full Plant Harvest' dates coincide with the Plant ID Label's 'Replace By' date as well as your app notifications!

WEEKLY MAINTENANCE

Every week, you'll need to do the following to keep your Farmstand running smoothly:

- + Add 1 tsp of nutrients A & B
- + Fill the water to the max fill line
- + Test and adjust pH
- + Plant new seedlings in available ports
for continuous growing

CLEANING THE FARMSTAND NOOK

To keep both your Nook and plants happy and healthy, we recommend emptying and refreshing the Tank once every 2 months. Water chemistry is the key to growing healthy plants, and a clean tank is the first step to success.

HARVEST!

Cut and Come Again (Partial Harvest):

For certain plants like herbs and leafy greens, you can harvest a few leaves, strands, or bits of plants at a time when you just want to use a little bit. Start by harvesting the oldest, outer leaves first and leaving younger, inner leaves intact until grown to maturity.

Full Plant Harvest:

For greens like lettuces and cabbage, we recommend harvesting the full plant. This helps to prevent pests, keeps your Farmstand clean, and allows you to grow more plants! Simply pull the grow cup out of the Farmstand, remove the roots (and compost them), and rinse and re-use the grow cup for your next seedling.

CONTACT US



[FAQs](https://lettucegrow.com/faq)
lettucegrow.com/faq



[Nook Assembly Guide](https://lettucegrow.com/assembly-nook)
lettucegrow.com/assembly-nook


If you have any other questions, please reach out to us! We can't wait to help you grow!

lettucegrow.com/contact-us

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