

Grow Box Growing Instructions

PACKING LIST

- Grow box w/ installed air pump, sub pump, fans, & grow light.
- Reservoir
- Net pots & starter plugs
- Advanced nutrients trio (micro, grow, bloom)
- Air hose (large & small size)
- Air Stone
- Clay pebbles
- Timer/Power Strip
- Odor jar deodorizer
- Pipette (nutrient feeder)

A black rectangular box containing the white text "DEALZER.COM". The text is in a bold, sans-serif font, with ".COM" in a smaller size and positioned to the right of "DEALZER".

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INITIAL SETUP (10 minutes)

The Grow Box is fully assembled but there are a few things to setup.

1. Set the reservoir at the bottom of the grow box and fill with clean water. (distilled water or reverse osmosis water works well). Fill water so that it almost reaches the bottom of the net-pots. Keep it about a half inch away from the net pot. Later the roots will seek water and move towards it.
2. Connect the small air tube to the air pump installed inside the grow box. Thread the other end of the tube through the hole in the reservoir lid. Attach the threaded tube to the airstone. Place the airstone in the middle of the reservoir.
3. Place the water pump sideways inside the reservoir. There are suction cups on the bottom of the water pump that can attach to the inside-side of the reservoir. Thread the water pump's wiring through the indentation on the corner of the reservoir bucket.
4. Place the reservoir lid onto the reservoir bottom. The water pump wire shouldn't get in the way since it's threaded through the indentation.
5. Place net cups into reservoir holes. Put starter plugs (sponge looking item) into the net cups. Make sure they are damp but not soaked. You can wet them in clean water and squeeze out the excess water if need be.
6. The knob is screwed in backwards for shipping purposes. Unscrew it and screw it back into the front.
7. If the light isn't already installed at the top, remove it from the box and hang it from the inside-top of the grow box.
8. Place the thicker tube, clay pebbles and nutrients to the side for now. It won't be used until later.
9. If you have the timer/power long strip, then plug the lights into the green side since the green side turns them on and off. If you have the square timer, just plug in the 1 light into it. Make sure the timer switch is turned on. If you have the square timer, just plug the light into the timer. Move the wheel on the time to set the current time. Set the timer to 18 hours lights on and 6 hours lights off. When you press down on the buttons around the mechanical clock, they keep the lights on. If you pull up on the button, they will keep the lights off. Push down on the mechanical timer clock button for 18 hours and make sure the rest of the button stay up for a total of 6 hours. Here is a video explanation: <https://www.youtube.com/watch?v=pnpaAomDSj8>
10. Open the odor jar, remove the protective film and place on top of the box.

3 PHASES OF PLANT GROWTH

There are only 3 phases of plant growth to grow from seed to harvest. They are the germination (2-10 days), vegetative (5 weeks) & flowering (8 weeks) stages.

Germination Phase

In this phase, the seed begins to sprout its 1st true leaf.

1. Keep all fans and lights off. Don't let any light in by opening the door. Only open the door in a dark or semi-dark room. The water pump should be kept on inside the reservoir to prevent algae from forming.
2. Fill the reservoir with clean water until it is ½" below the net pots. The roots will later stretch towards the water.
3. Turn on the air pump to pump oxygen into the water.
4. Turn on the water pump to shuffle the water.
5. Ensure the starter plugs in the net pots are damp but not soaked. Squeeze out excess water.
6. Insert 1 seed in each of the starter plugs (sponge like item). Push them about 1 inch down. Place 1 starter plug into each net-pot.
7. Cover the starter plugs entirely with clay pebbles. These pebbles are meant to block the light from hitting the seed or the roots which is unhealthy for the plant.
8. Close the door to keep the seeds in darkness and come back in 48 hours to see if the seeds sprouted. Make sure all planted seeds sprout. If not, then close the door and come back again in 24 hours. If the seeds don't sprout after 10 days, it means the seed is not functional.

Once 1st true leaves (or a decent size 1 inch sprout) appear on each plant, the germination phase is over.

Note: You will NOT use any nutrients in this phase.

Vegitative Stage

The vegetative stage is the 1st stage when you start using nutrients and it lasts for about 5 weeks.

1. Follow the nutrient feed chart we included that starts at week 1 of the vegetative stage. It will tell you to mix all 3 nutrients for EACH gallon of water. Mix them in 1 at a time starting with Micro, then Grow, then Bloom consecutively.
2. Change the water and nutrients weekly using the thick vinyl tube as a hose. It attaches to a nozzle that is included in the water pump box. If your plant drinks water too fast, add water only for the rest of the week.
3. The lights must all be plugged into the green section of the power outlet/timer which turns on and off depending on your schedule. Set the timer for 18 hours lights on and 6 hours lights off for the 5 week period. Here is a 2 minute video guide to program the timer: <https://tinyurl.com/v462nj7w>
4. Monitor plants at least weekly but daily is better. Try to only open the door during the cycle when lights are on. Don't disturb plants when sleeping in the dark unless in a dark room.
5. Always maintain 70-80 degrees inside the box.

Tech Support

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Flowering Stage

After the 5 week period of the vegetative stage, you will enter the flowering stage.

1. Change your timer so that it is now 12 hours lights on and 12 hours lights off.
2. Continue feeding nutrients to the plants weekly according to the nutrient feeding chart's flowering stage section. The last 2 weeks that say flush means only put water in without nutrients.
3. Watch your plants grow quickly until they fully flower. Once they do, it is time to dry the plants.

DRYING FULLY GROWN PLANTS

Drying plants is easy. If you have a separate dryer like the [Magic Herb Dryer](#), move them there, hang the usable parts upside down and let them dry for 7-10 days. If you don't have a dryer, you can buy one at Dealzer.com or hang the plants upside down in the grow box with only the fans on. Come back in 7-10 days. If you can break any of the branches, it means the plants are now dry. If not, come back in 24 hours and try again.

CURING PLANTS

Curing plants is meant to improve the quality of the dried plant matter. If you bought the curing jar, simply put the usable dried plant matter inside the jar with the humidity pack. Remove the clear plastic from the humidity pack but don't rip open the pack itself. It works as is. Always keep the humidity pack in the curing jar. If you don't have a curing jar, put the plant matter in any airtight jar. 62% is ideal humidity. A wet towel in the jar also increases humidity if you don't have a humidity pack. Curing simply improves the feel and taste quality of the plant.

TIPS

1. Always maintain temperature inside the box between 70-80 degrees for healthy plant growth. Manipulating the room temperature is the best way to do this but note that the inside temperature of the box is always warmer than the outside room temperature.
2. Some plants cannot handle too much nutrient and will experience nutrient burn indicated by brown spots especially on the ends of the leaf. If this happens, lower nutrients by 25%.
3. Almost all other problems result from CalMag deficiency. You can buy CalMag and use it like medicine when that happens.
4. When emptying the reservoir, use the thick hose to easily hose out the water. Try your best to clean the reservoir itself with a clean towel to wipe out any residual nutrients before adding a fresh batch.
5. Put the provided odor blocking jar on top of the grow box, instead of inside, to help control odor. If you put it inside, the plants will taste bad later. Remove the plastic seal first so that the odor block can begin working.
6. Here is a highly recommended Canadian supplier of quality, legal seeds:

<https://tinyurl.com/pfakptdc>

Happy Growing!

Here is a free Grow Bible:

<https://tinyurl.com/53y8abhu>

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