

Feeding Schedule For Growing With Air Injection Technology For Soil

(Up to 70 percent savings on the cost of nutrients.)

We use the Flora Series nutrients from General Hydroponics. You can print the feeding schedule by going to: generalhydroponics.com under feeding schedule, click on: **Flora series Drain to Waste (Expert & Simple)**.



We started this project twelve months ago using the Flora Series of nutrients. Feel free to use your favorite nutrients instead. We have found that when growing with the Air Injection Technology, we are able to save up to 70% on the cost of nutrients, versus growing traditionally in soil or Hydroponics. During the first eight weeks, we use the Drain to waste (Simple) then switch to the Drain to waste (Expert) allowing us to save even more. We found no advantage of using the Drain to Waste (Expert) for the entire grow cycle. The reason we switch to the Expert Series in week eight, is to provide extra nutrients for: weight, aroma, flavor, etc. We drain our system every 7 days and replace with fresh nutrients. We then flush our plant every 2 to 3 weeks with fresh reverse osmosis water.



Charge the system with about 3 quarts of nutrient mix, depending on the size of your water and air gap in the container. Then listen for the bubbles. During week 1 do not exceed 250 ppm. The reason for this is so you don't shock the new transplant. During week 2 follow the feeding schedule.

Day 1: Charge the system with your nutrient mix. (Listen for bubbles). Now is the time to transplant.

Day 2: Fresh water only. (Listen for bubbles).

Day 3: Fresh water then nutrient mix. 50/50. Repeat day 2 and 3 throughout the entire grow cycle. (One day water only, next day, water and nutrient mix).

Week 2 or 3: Flush the system with fresh water every 2 to 3 weeks. Drain the system for about 5 minutes. Then charge the system with about 3 quarts of fresh water, (listen for bubbles). Let run for 5 minutes with air pump on high. Then turn the air pump to low and drain the fresh water. Allow to drain for 15 minutes. This will wash the salts from the soil, water, and air chamber. Now recharge the system with fresh nutrients, follow the nutrient schedule on the feeding schedule.



Week 4 or 5: Now is the time to start trimming the plant from bottom to top. This needs to be done every 3 to 5 days, due to the excessive growth rate. If not trimmed the plant will grow out of control. Because your plant is growing faster than normal, adjust your lighting accordingly. This also needs to be done every 3 to 5 days. When growing with this technology it is important to be proactive during this stage of the grow cycle. If the plant is trimmed properly you will trim off more mass than its final mass at production.

For how to videos on this technology go to: modularhydro.com