










## GROWTH 18h

| Weeks   | 1     | 2     | 3     |
|---|-------|-------|-------|
| EC  | 1.0   | 1.2   | 1.2   |
|  Master Root     | 2ml/L | 2ml/L | 2ml/L |
|  Master Grow A+B | 1ml/L | 2ml/L | 2ml/L |

## BLOOM 12h

| Weeks  | 1     | 2     | 3     | 4     | 5     | 6       | 7       | 8     | 9                |
|--|-------|-------|-------|-------|-------|---------|---------|-------|------------------|
| EC   | 1.2   | 1.4   | 1.6   | 1.8   | 2.0   | 2.2     | 2.0     | 1.8   | Flush with water |
|  Master Root      | 1ml/L | 1ml/L | 1ml/L | 1ml/L | 1ml/L | 0.5ml/L | 0.5ml/L |       |                  |
|  Master Bloom A+B | 2ml/L | 2ml/L | 2ml/L | 3ml/L | 3ml/L | 3ml/L   | 3ml/L   | 3ml/L |                  |
|  Enzymes          | 2ml/L | 2ml/L | 2ml/L | 2ml/L | 2ml/L | 2ml/L   | 2ml/L   | 2ml/L |                  |
|  Silica Force     | 1ml/L | 1ml/L | 1ml/L | 1ml/L | 1ml/L | 1ml/L   | 1ml/L   | 1ml/L |                  |
|  Sugar Shot       | 2ml/L | 2ml/L | 2ml/L | 2ml/L | 2ml/L | 2ml/L   | 2ml/L   | 2ml/L |                  |
|  Bloom Booster   |       |       | 1ml/L | 1ml/L | 2ml/L | 2ml/L   | 2ml/L   | 1ml/L |                  |
|  Sticky Fingers |       | 2ml/L | 2ml/L | 2ml/L | 2ml/L | 2ml/L   | 2ml/L   | 2ml/L |                  |

# Nutrient Schedule

# ASK AN XPERT



Plants need more than just plain water to grow strong and healthy. By using **Xpert Nutrients** you will achieve best results and highest quality crops. Before you get started you should choose your substrate. You can choose between Light Mix & Microbial Mix. Turn on the lights to 18h light and start!

Roots are responsible for absorbing and distributing nutrients through the plant to optimize growth and plant health, that's why you should start your program with **Master Root**. **Master Root** is specially designed to form a well-developed and strong plant root system. High in vitamins, growth hormones, and amino acids it stimulates the volume in the root system by increasing the root hairs and helps to effectively absorb nutrients. Add **Master Grow A+B** in this phase. It is a growth stimulant (base) selected in order to provide the perfect proportion of nutrients needed in the vegetative phase of the plants. It activates the growth and the protection

genes, which leads to strong plants and high yields.

When you are done with vegetative phase stop with **Master Grow A+B**, but continue with **Master Root**. After you switch your lights to 12h light start with **Master Bloom A+B**. That way you will give a base nutrient to your plants and provide them with the ideal composition of nutrients for the bloom phase, increasing the crop's ability to bloom productively. When the flowering period starts the plant's nutrient requirements will change, but the plant doesn't stop developing roots during this phase. This means that you'll need to maintain the root system in the best possible conditions so the plant can create large buds. At this point, using products such as **Enzymes** is an excellent option. **Enzymes** will keep the root surface clean, remove dead organic matter and root residues. \*This product is indispensable if you intend to reuse your growing medium for another cycle.

The sugars or carbohydrates are essential during the flowering period. **Sugar Shot** increases the levels of sugar, aromas and taste in the plant and in the final product. On the other hand, **Sticky Fingers** will maximize resin and terpene production. In this stage, your plants will respond well to nutrient solutions with higher concentrations of phosphorus and potassium, so using **Bloom Booster** helps drive budding faster and easier. **Bloom Booster** generates a vastly improved bloom & a much higher volume of production.

Your plant will need a lot of strength to support heavy and large flowers, but don't worry, **Silica Force** strengthens the mechanical properties of the cell walls and helps plants withstand unfavorable environmental conditions and other stress factors so your plants can use more of their energy on the creation of blooms and buds. It reduces the possibility of penetration of insects or fungi in the leaves and reduces stress, caused by mechanical, biotic and abiotic factors.

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\* Use **Cal-Mag Amino** for calcium-magnesium deficiencies, or with reverse osmosis water  
\*Make sure your pH value for soil is between **6.2 and 6.5**; for coco soil between **5.8-6.2**; for hydroponics between **5.8-6.2**. Use **Xpert pH Down** or **Xpert pH UP** for correction  
\*Follow the EC value written in the schedule

\*Add Silica Force first at the nutrient solution  
\*Add enzymes last in the nutrient solution, preferably just before watering  
\*You can mix several fertilizers. When using A+B nutrients, always add part A first, mix in the water, than add part B and mix again