

STEP

1

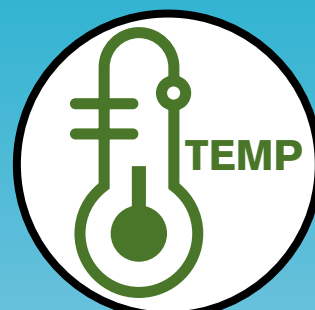


# FloraFlex<sup>®</sup>

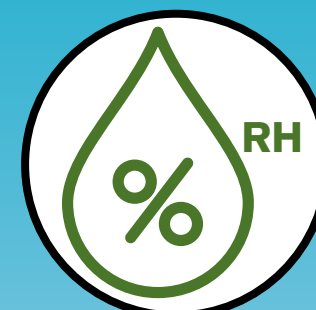
Helping you grow with your garden.<sup>®</sup>

## SEEDLING GERMINATION

Light Cycle 24 Hours (80 - 200 umol)



76° - 79° F



64% - 68%

### PROCESS

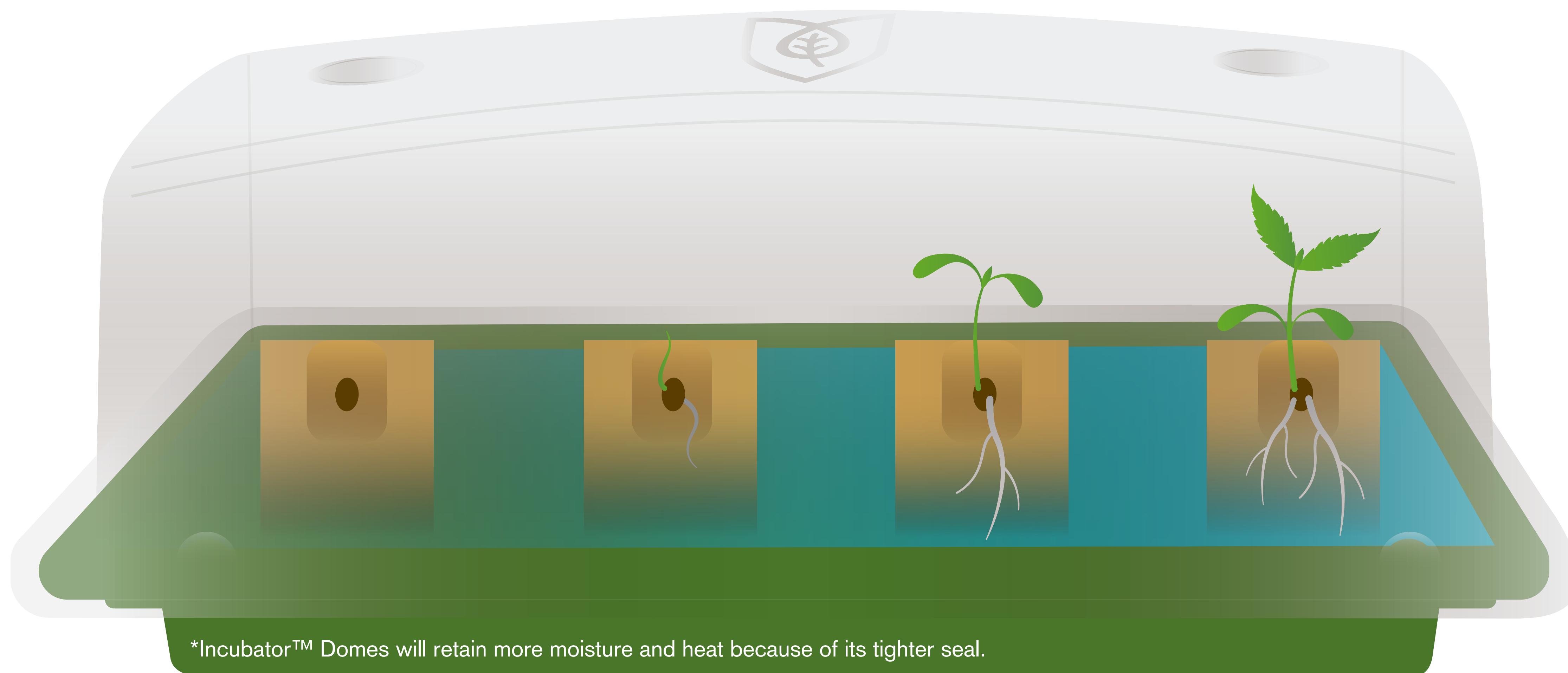
Soak the 40|40 cubes in pH water between 5.5-6.0.

Place your seed in the hole of the 40|40, push half way down, i.e., toothpick.

Within 2-5 days you should begin to see all of your seeds sprouted out of the 40|40 cubes.

Once the seedlings have germinated open the vents on the Incubator<sup>™</sup> Dome, then slide it to the side to allow more airflow through our patent-pending convection design. Remove the dome completely once the seedlings have 2-3 sets of fan leaves.

Begin watering with your nutrient rich solution. (2g each B1:B2 per gallon)



\*Incubator<sup>™</sup> Domes will retain more moisture and heat because of its tighter seal.

Day 0

Day 7-9

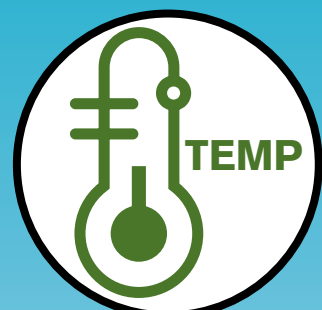


# FloraFlex®

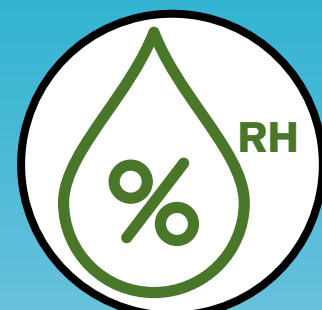
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## CLONING PROPAGATION

Light Cycle 24 Hours (80 - 200 umol)



76° - 79° F



64% - 68%

Soak 40|40 cubes in nutrient solution (2g each B1:B2 per gallon).

Take 4-6" healthy clones from the top of the mother or plant. Cut clones at a 45° angle.

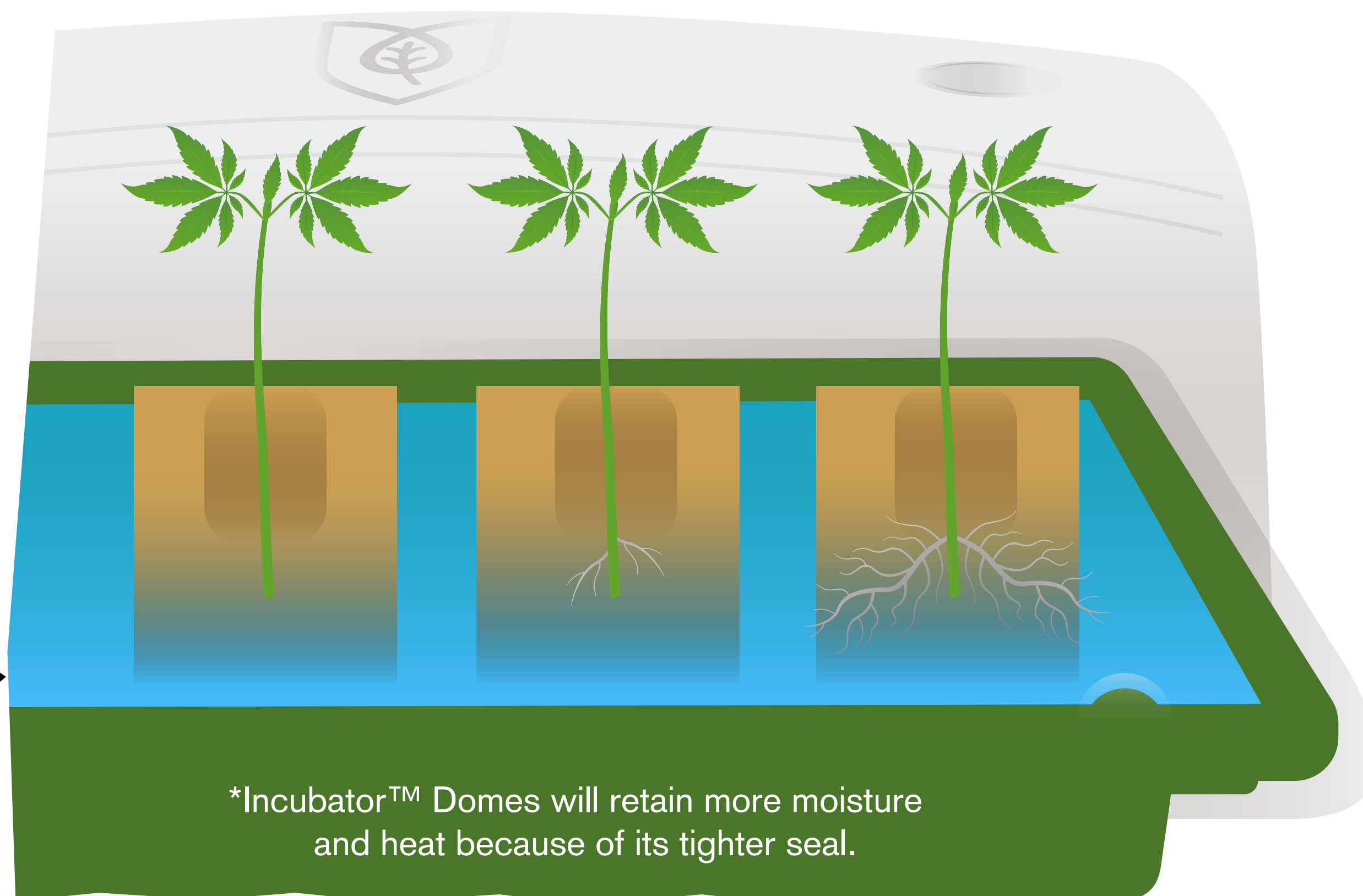
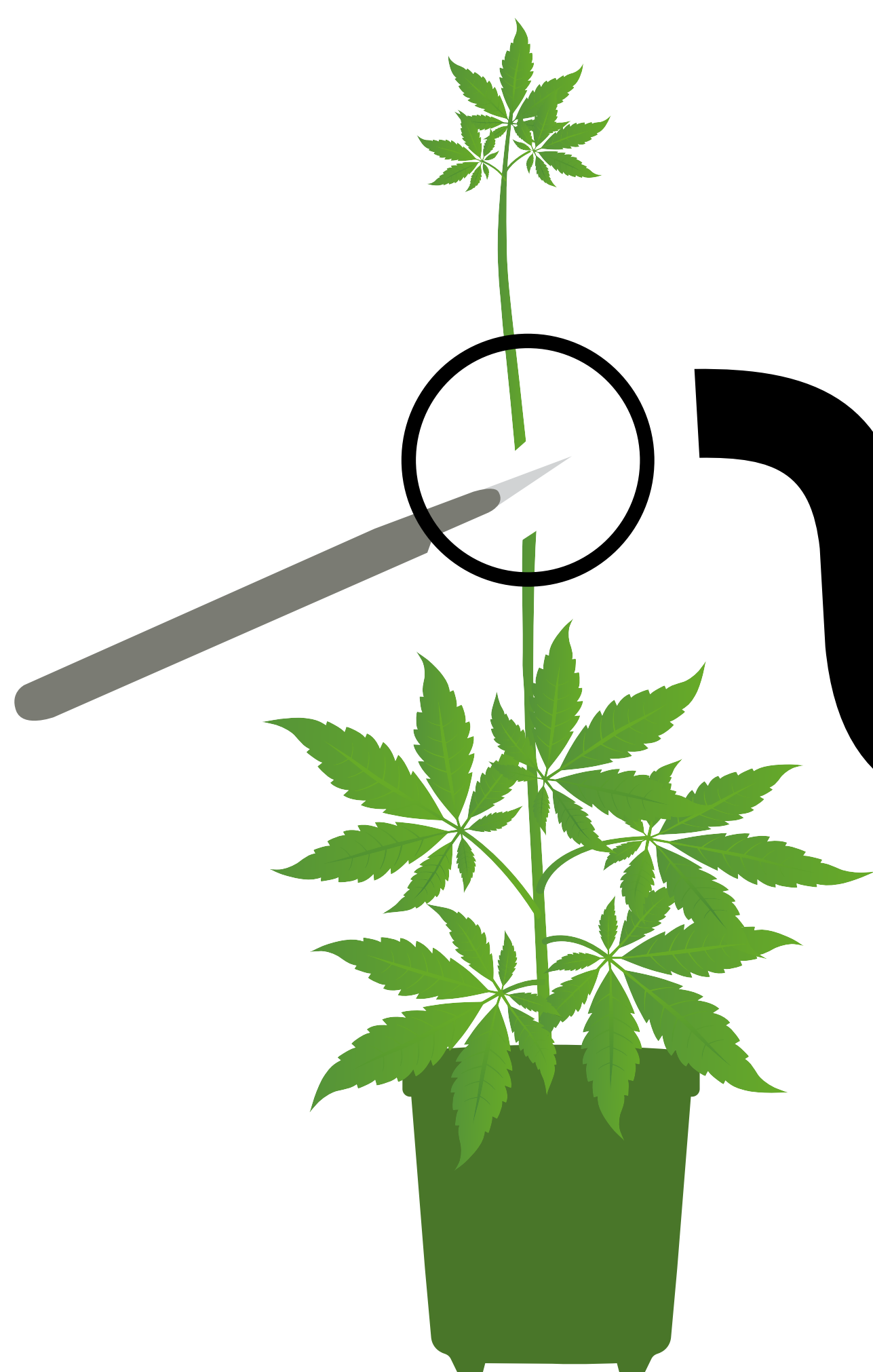
Place cutting in a cup with nutrient solution with a pH of 5.5-6.0 (2g each B1:B2 per gallon).

Place clones inside the pre-drilled holes of the 40|40 cubes between 1/2-2/3 of the way down.

Ensure that the clone is snugly wedged into the 40|40 cube.

Spray the clones with the Veg Foliar at a pH of 5.5-6.0.

Set the Incubator™ Dome on and in closed position, also close the top vents.



Day 0 ●

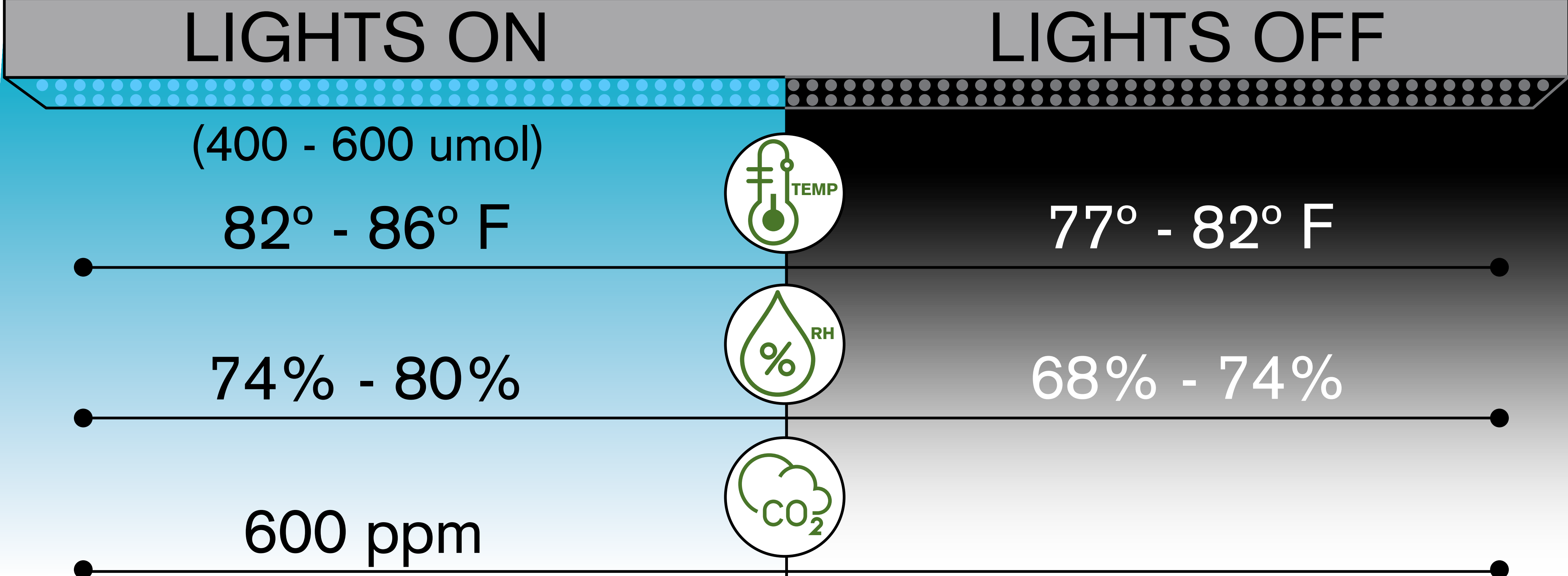
● Day 7-9

\*Do not open or crack the vents on the dome for the first 3 days. Days 4-9, slide the dome up and pop the top vents to create convection/airflow for 1-2 hours. By days 9-12 you should have roots on all of your cuttings and the dome should be slid up and top vents left completely open. Dome should be completely removed between days 12-15. Once clones have rooted switch to Week 1 Veg solution.





## EARLY VEG - WEEK 1



**LIGHT CYCLE**  
18 hours on and 6 off  
or 24 hours lights on.

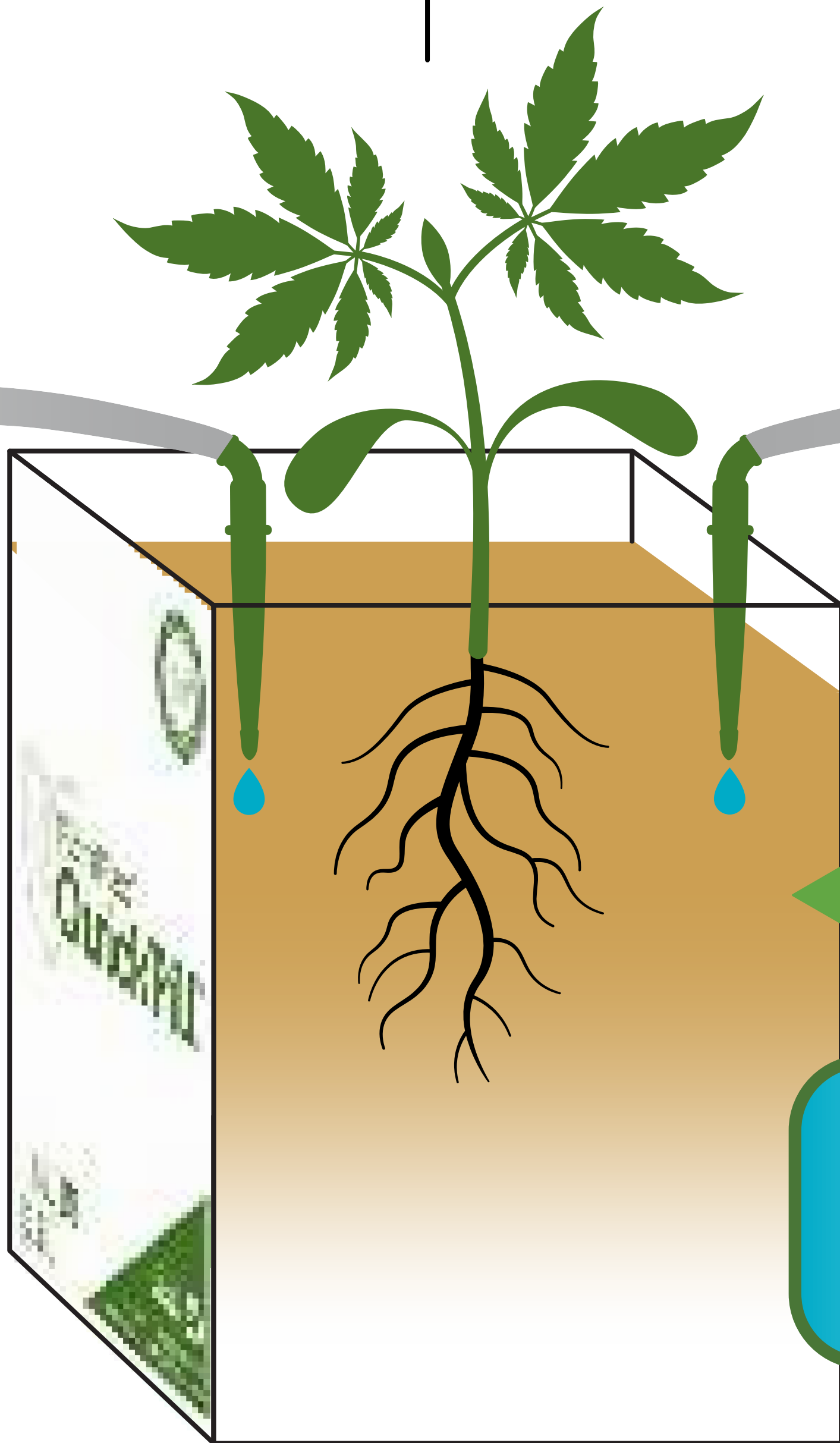
**HOW TO FEED**

Depending on your medium's initial saturation, the moisture content can and will vary.

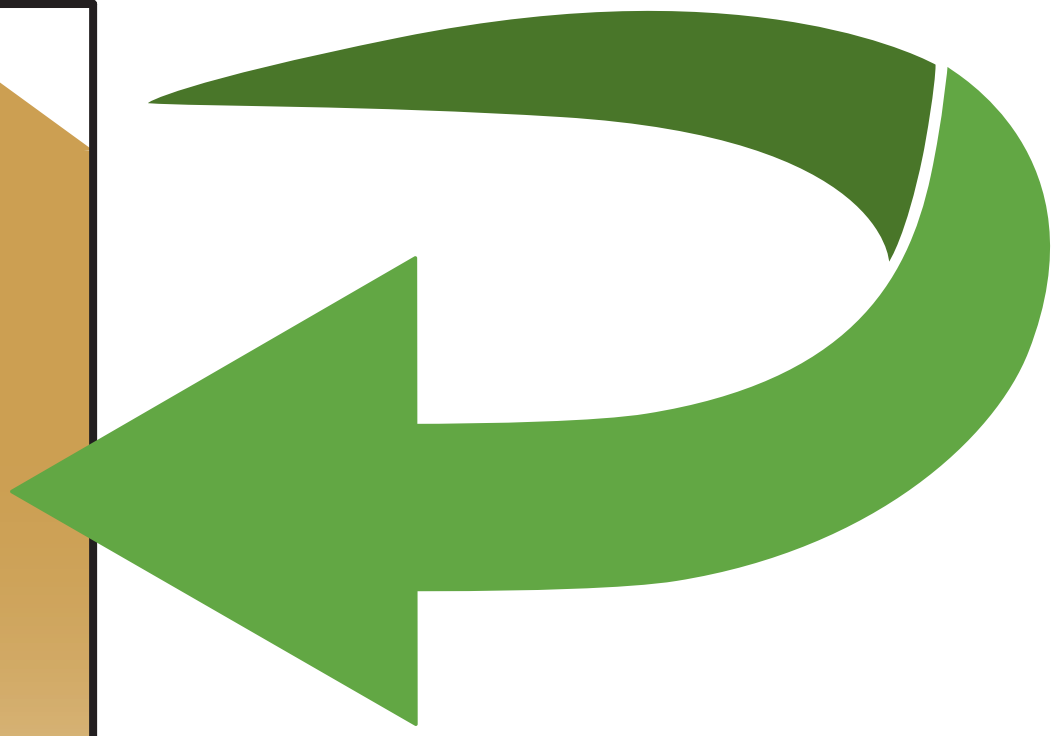
After transplant you will typically wait 3-7 days before the first feed, what you are waiting for is an initial dryback of 35-40% moisture content.

Feeds should be 20-25% of pots volume to bring you up to 55-60% moisture content.

\*The FloraFlex QuickFill Coco at full saturation is 60% moisture content.  
\*For Veg nutrient usage see our Full Tilt Schedule.



**OVERNIGHT DRYBACKS**  
20% - 25%



**MOISTURE CONTENT**

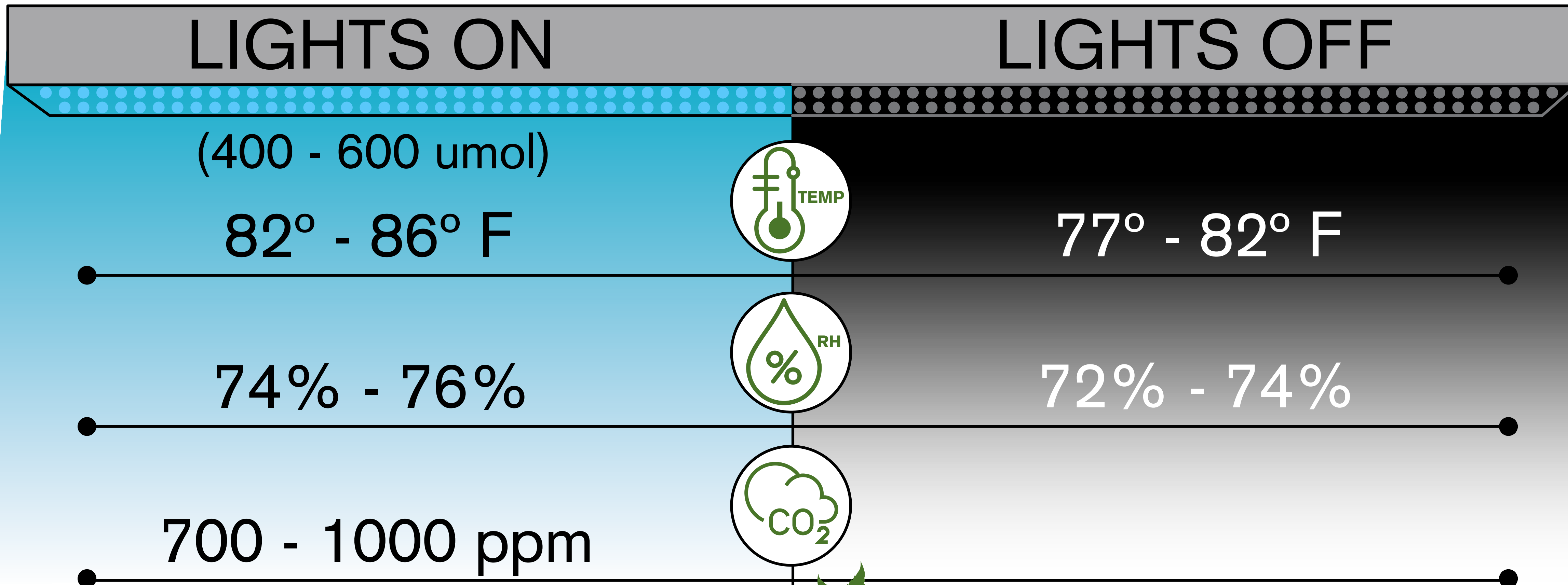
55% - 60%

35% - 45%

\*Feeling the weight of your plant is common practice when you don't have a proper moisture content reader. Fully saturate one pot/cube with runoff as a reference of what 100% feels like.

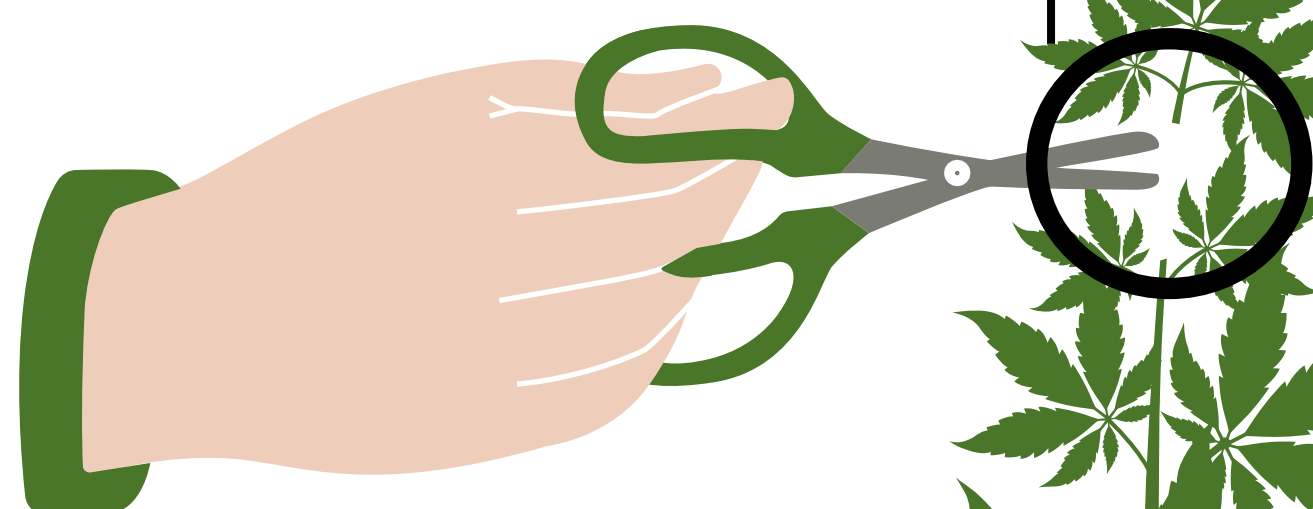


**MID TO LATE VEG - WEEK 2-4**



**LIGHT CYCLE**

18 hours on and 6 off or 24 hours lights on.



\*We suggest topping/pinching your plants between 8-12" in height. For longer Veg times and/or to produce larger/bushier plants extend this process and continue to top/pinch the tops of your plants, as well as implement super cropping techniques of bending the branches down.

**OVERNIGHT DRYBACKS**

10% - 15%

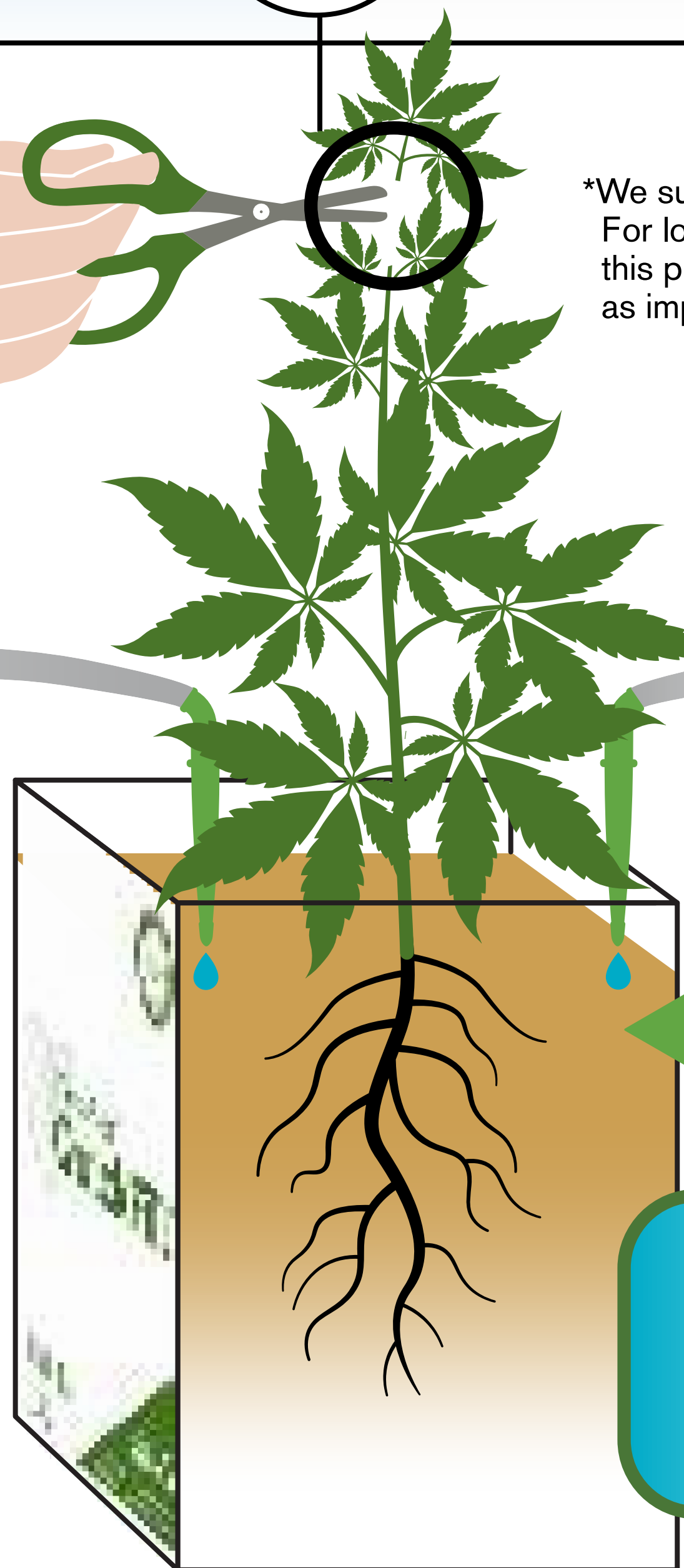
**HOW TO FEED**

Vegetative style feedings should be frequent and daily at 1-3% of your pot's/medium's volume. Your goal is to maintain a 50-60% moisture content while the lights are on.

Start feeds 2 hours after the lights come on and stop feeds at least 2 hours before the lights turn off.

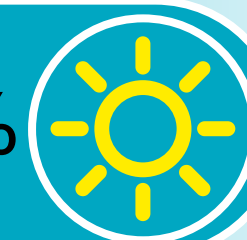
\*The FloraFlex QuickFill Coco at full saturation is 60% moisture content.

\*For Veg nutrient usage see our Full Tilt Schedule.



**MOISTURE CONTENT**

50% - 60%



40% - 45%

\*Feeling the weight of your plant is common practice when you don't have a proper moisture content reader. Fully saturate one pot/cube with runoff as a reference of what 100% feels like.

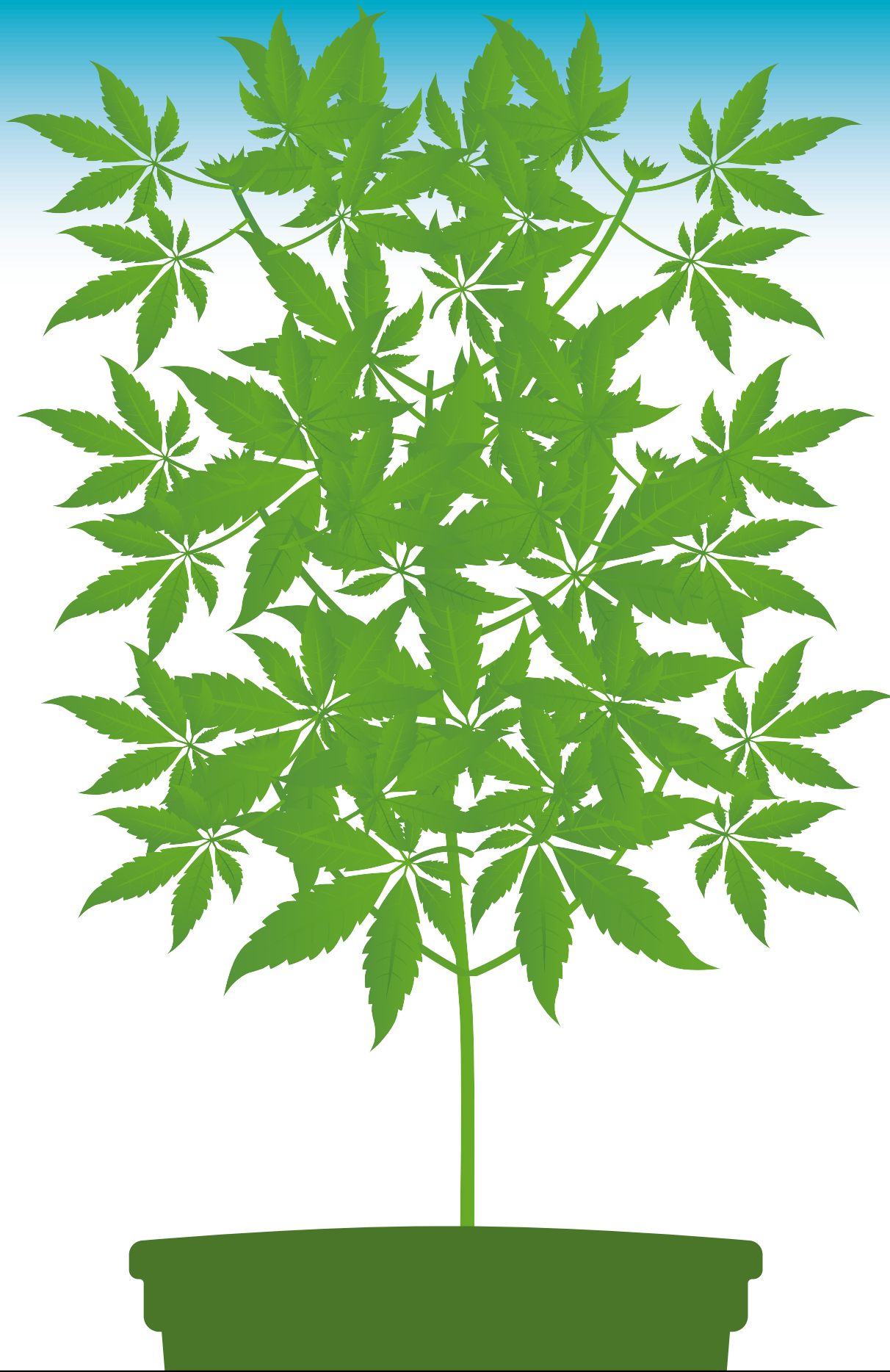




## TRANSITION FLIP TO BLOOM

Light Cycle 12 /12

Pre-Strip



4 Node Strip



2 Node Strip



### TO DO

Switch to Bloom Nutrients (see Full Tilt Schedule).

Light will now be 12 hours on and 12 hours off.

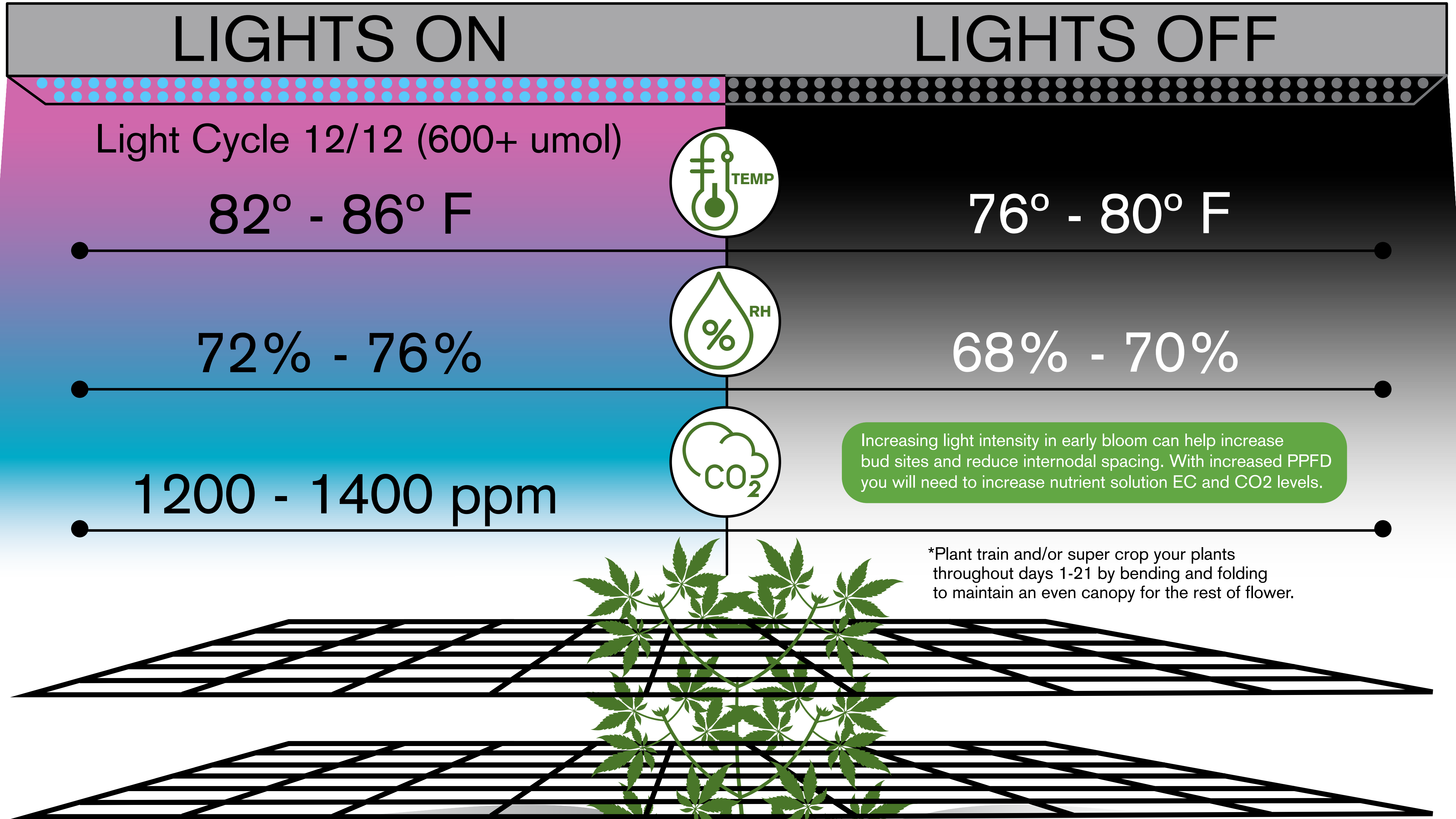
You will now begin generative style feedings (see Step 6 - Early Bloom).

Most growers choose to strip nodes off of their plants at "flip." Here we show you two of the popular ways, with a 4 node and 2 node strip.





## EARLY BLOOM - DAYS 1-21



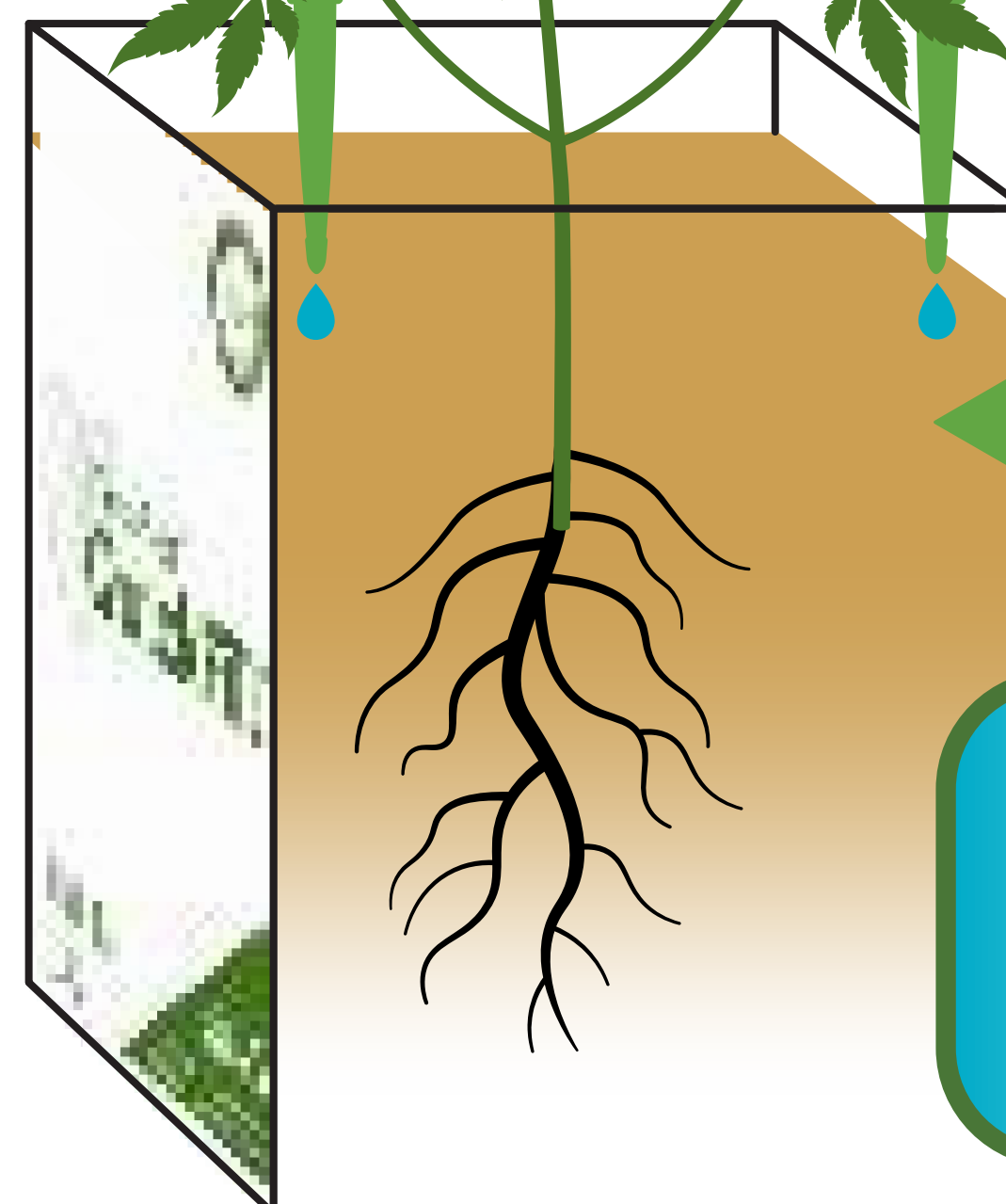
### HOW TO FEED

Generative style feedings should be 4-6% of your pot's/medium's volume until you achieve runoff between hours 5 & 6 after the lights turn on. Your target is 20-30% of your medium's volume, and should bring your medium's moisture content up to 50-60%.

Start feeds 1-3 hours after the lights come on and stop feeds 2 hours before the lights turn off.

\*The FloraFlex QuickFill Coco at full saturation is 60% moisture content.

\*For Bloom nutrient usage see our Full Tilt Schedule.

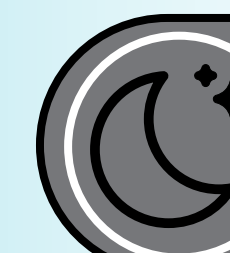


### OVERNIGHT DRYBACKS

20% - 30%

### MOISTURE CONTENT

50% - 60%



25% - 30%

\*Feeling the weight of your plant is common practice when you don't have a proper moisture content reader. Fully saturate one pot/cube with runoff as a reference of what 100% feels like.





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## DEFOLIATION - DAYS 20-22

### LIGHTS ON

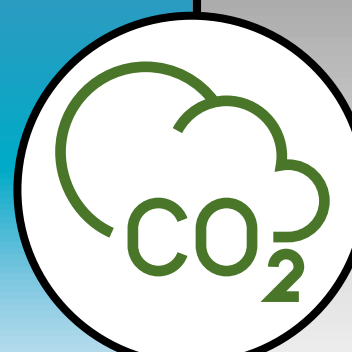
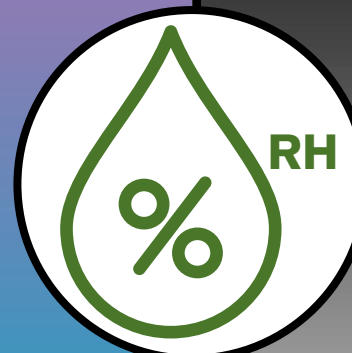
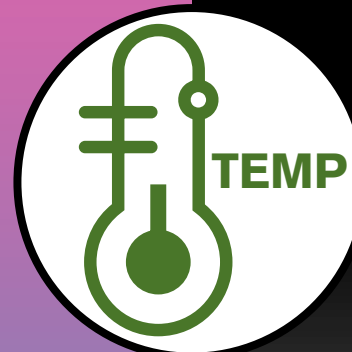
### LIGHTS OFF

(700+ umol)

82° - 86° F

72% - 76%

1200 - 1400 ppm



76° - 80° F

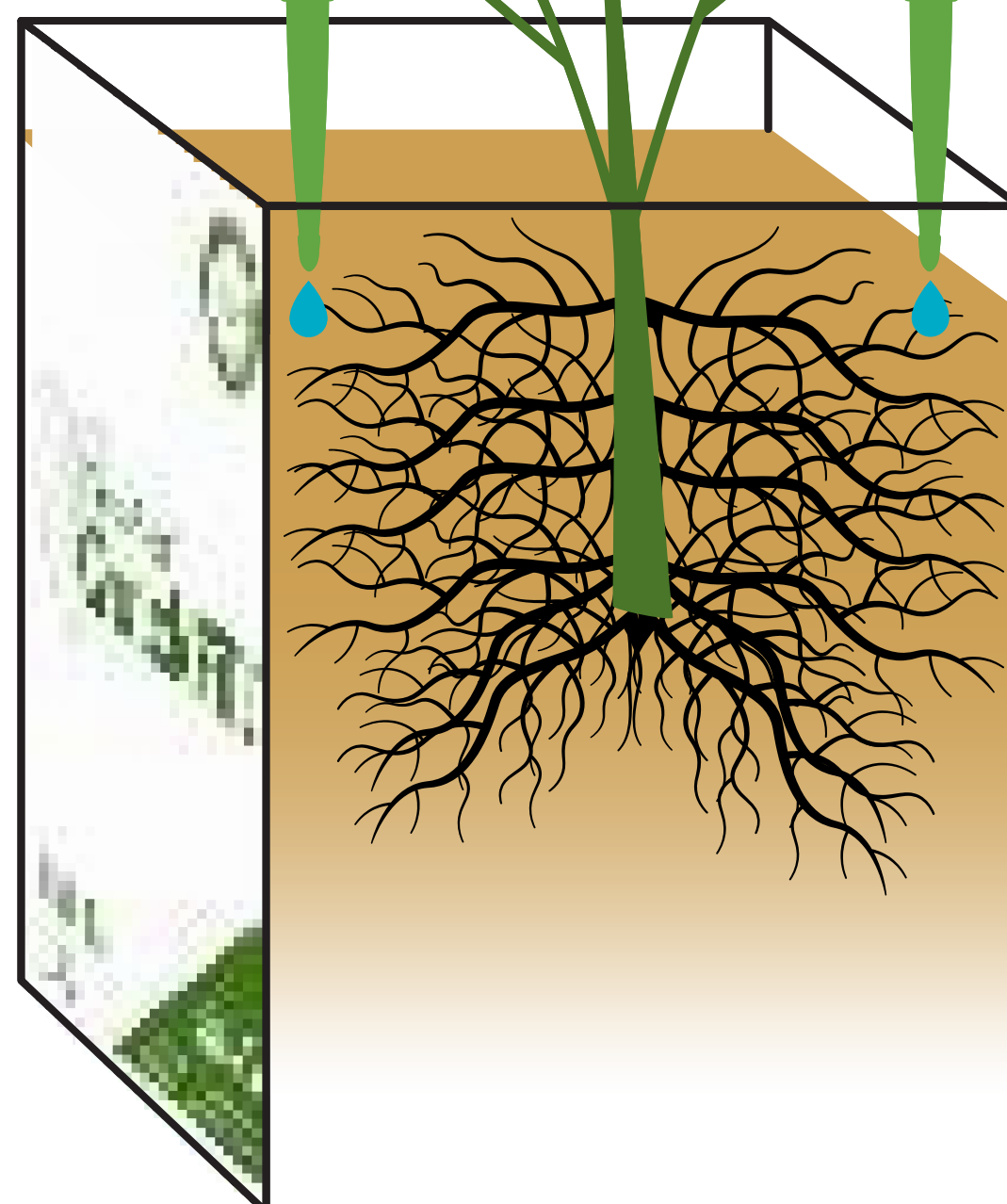
68% - 70%



### HOW TO FEED

Drop irrigation volumes by 30-50% for 2-4 days after defoliation. The plants will uptake less water because they will not transpire as much with the removed foliage/leaves.

After defoliation see step 8 for how to feed.

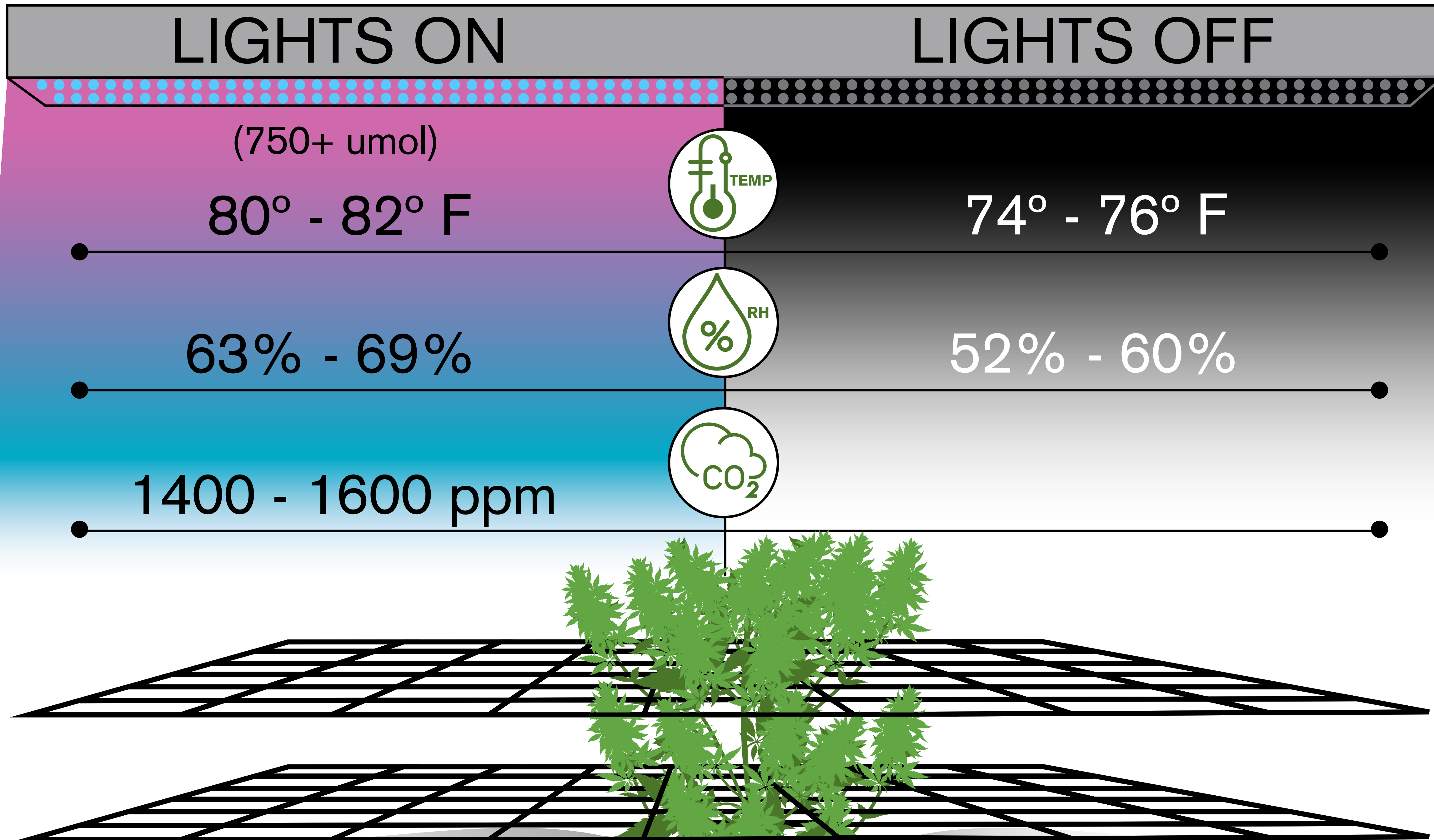


### TO DO

Days 20-22 you strip all of the fan leaves except for the top 2-3 larger fan leaves on each branch.



**MID BLOOM - DAYS 22-42**



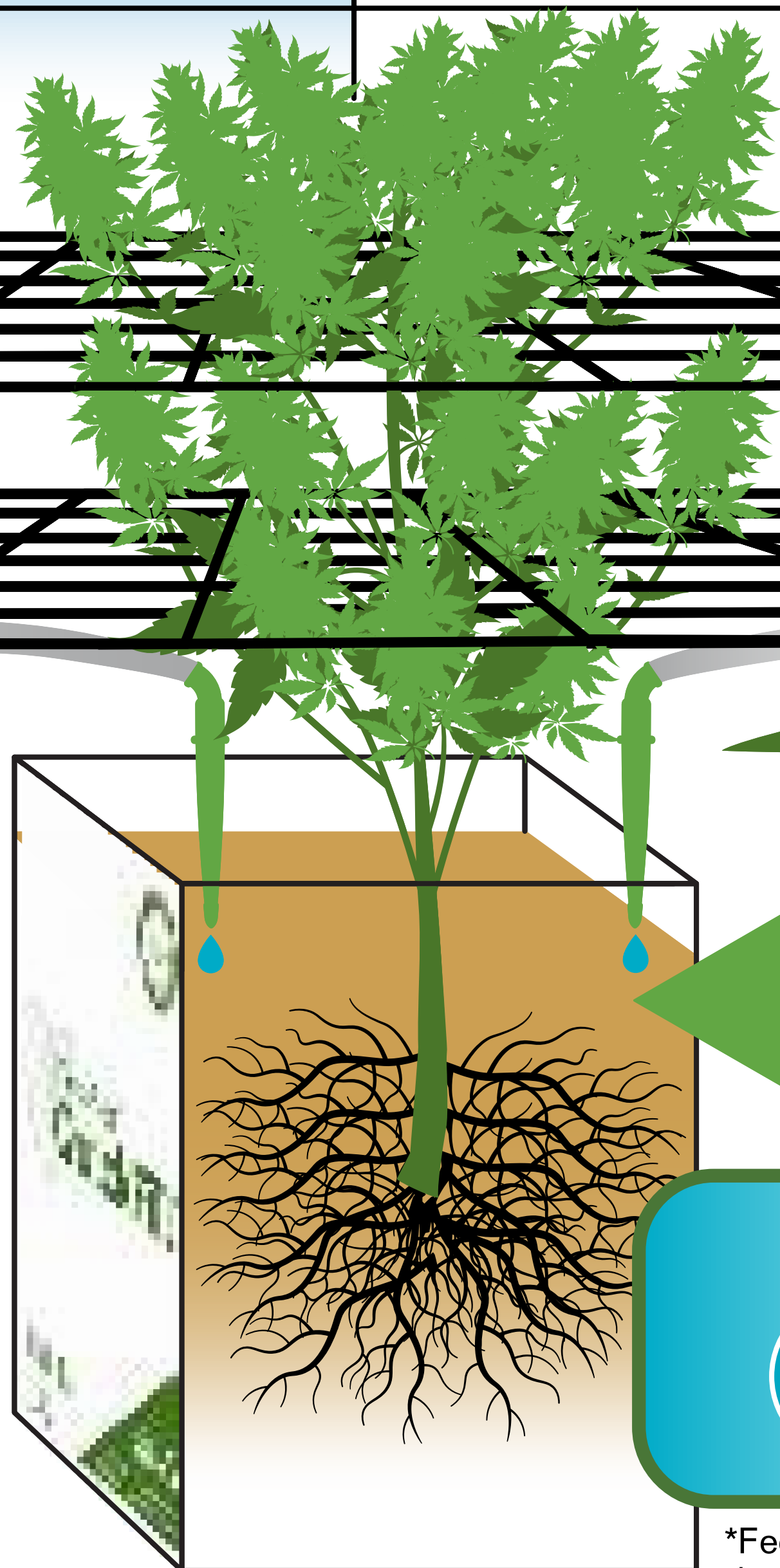
### HOW TO FEED

Vegetative style feedings should be frequent and daily at 1-3% of your pot's/medium's volume. Your goal is to maintain a 50-60% moisture content while the lights are on.

Start feeds 2 hours after the lights come on and stop feeds 2 hours before the lights turn off.

\*The FloraFlex QuickFill Coco at full saturation is 60% moisture content.

\*For Veg nutrient usage see our Full Tilt Schedule.

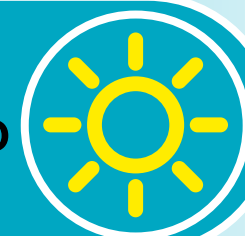


### OVERNIGHT DRYBACKS

10% - 15%

### MOISTURE CONTENT

50% - 60%



40% - 45%

\*Feeling the weight of your plant is common practice when you don't have a proper moisture content reader. Fully saturate one pot/cube with runoff as a reference of what 100% feels like.





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**LATE BLOOM - DAY 43 DEFOLIATION - BEGIN FLUSH**

**LIGHTS ON**

**LIGHTS OFF**

(800+  $\mu\text{mol}$ )

78° - 80° F



72° - 74° F

52% - 60%



50% - 55%



\*Stop CO2 supplementation.



The flowers may or may not shed weeks before they do, but will strip leaves on day 45.

Strip lower fan leaves, leaving the top 3-4 again in a row from the lower bud sites.

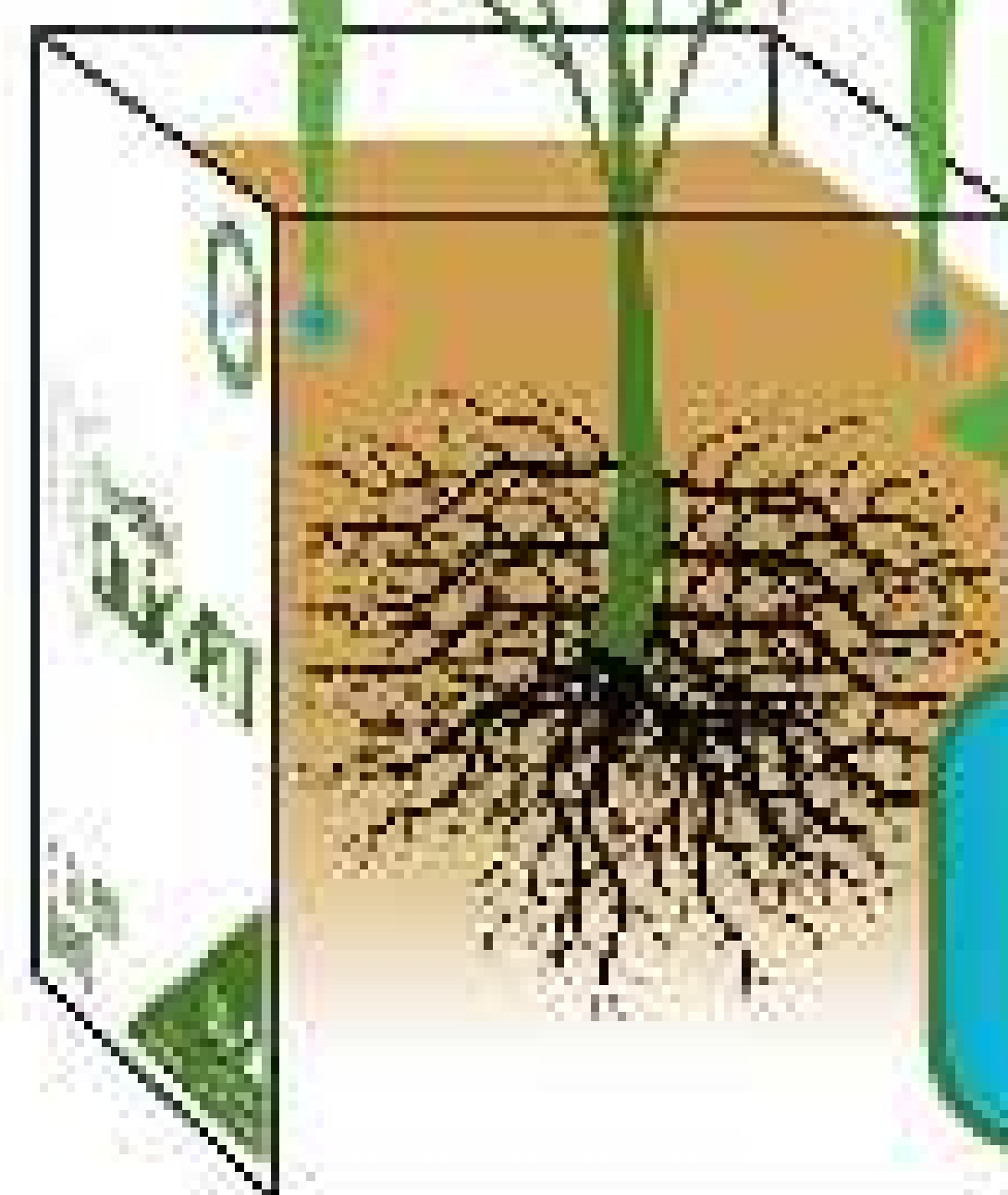
## HOW TO FEED

Generative style feedings should be 4-6% of your pot/medium's volume and you achieve runoff between hours 4-6 after the lights turn on. Your target is 25-30% of your medium's volume, and should bring your medium's moisture content up to 50-60%.

Start feeds 2 hours after lights on, then stop them by hour 6 and/or when runoff is achieved.

\*The FloraFlex Quick Fill Coocoat full emulsion is 60% water by weight.

\*For 3 liter nutrient usage see our Full Till Schedule.



**OVERNIGHT DRYBACKS**

25% - 35%

**MOISTURE CONTENT**

50% - 60%

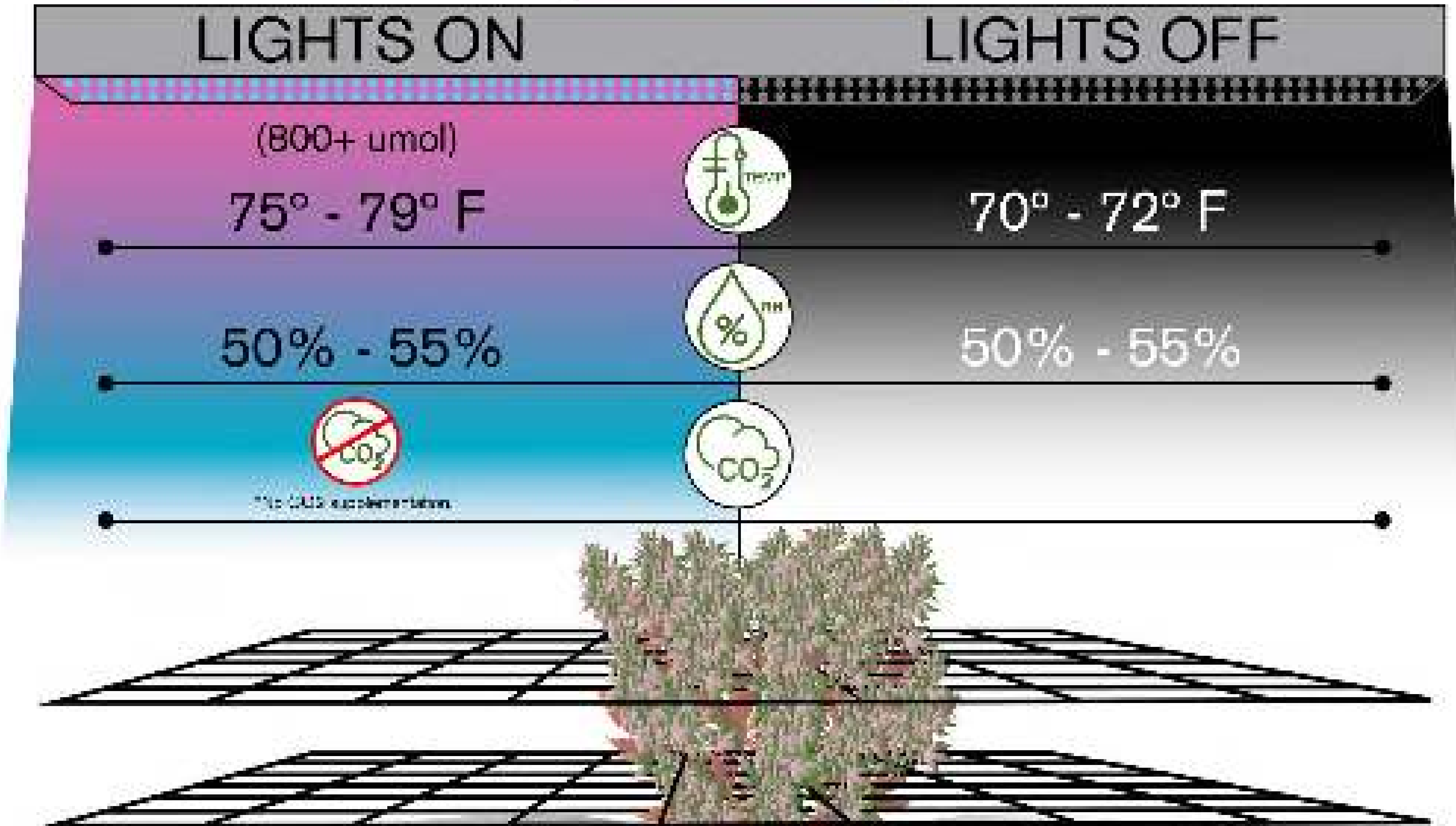


25% - 30%

\*Feeding the weight of your plant is common practice when you don't have a proper moisture content. Instead, fully saturate one pot/cuber with until a reservoir of water 100% fills the box.



**FLUSH 7-14 DAYS**



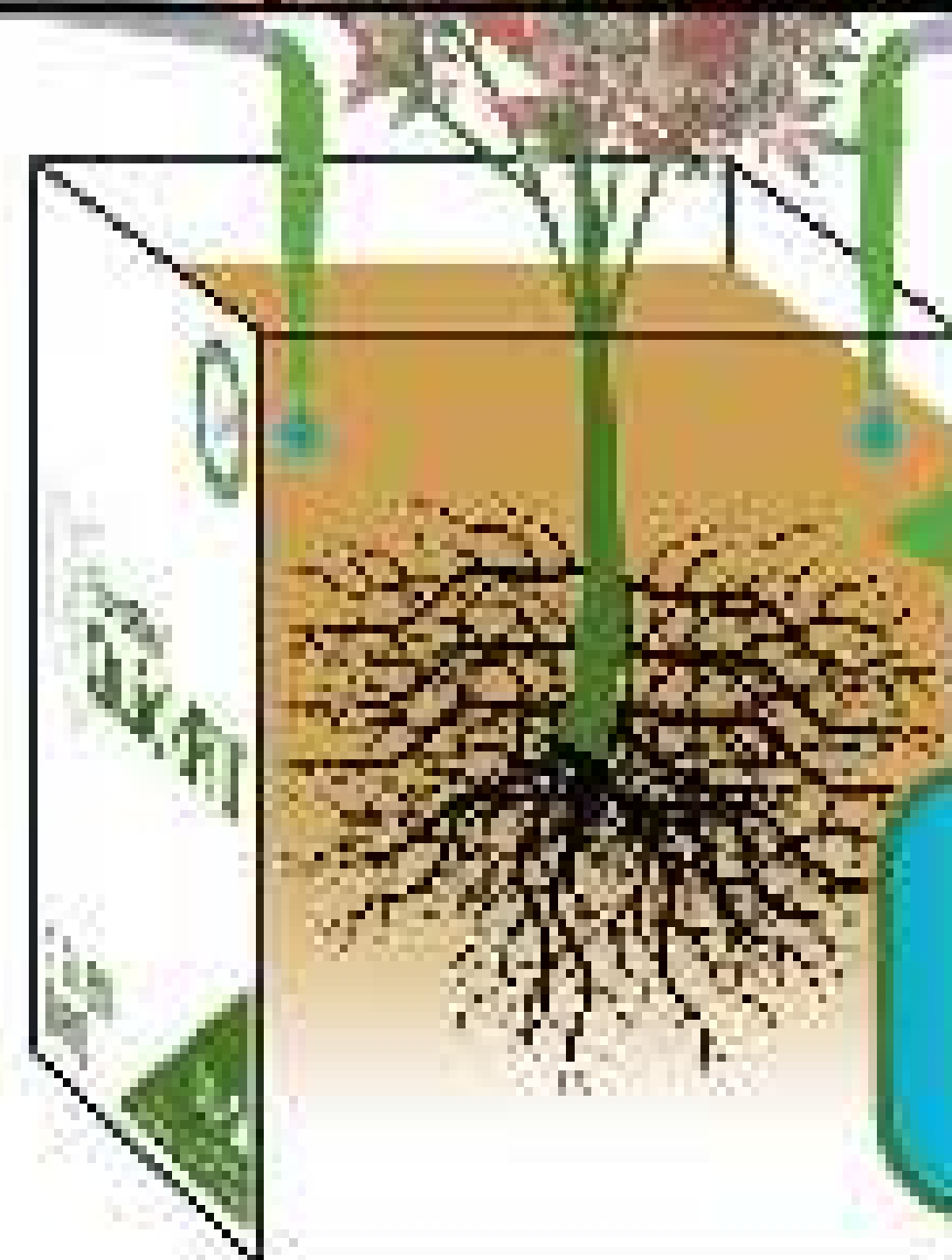
## HOW TO FEED

Generative style feedings should be 4-6% of your pot's medium's volume until you achieve runoff between hours 4-6 after the lights turn on. Your target is 25-35% of your medium's volume, and should bring your medium's moisture content up to 50-60%.

Start feeds 2 hours after lights on, then stop them by hour 8 and/or when runoff is achieved.

Can Flush Stage use all pH lab, distilled or RO water.

\*The FloraFlex Guide #1 Over at 1:1 ratio for a 60% moisture content.



## OVERNIGHT DRYBACKS

25% - 35%

## MOISTURE CONTENT

50% - 60%



25% - 30%

\*Feeding the weight of your plant is common practice when you don't have a proper moisture content. Please fully aerate one per cubic inch with a minimum of water 100% fresh flow.





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**PRE-HARVEST 1-3 DAYS / HARVEST**

**LIGHTS ON**

**LIGHTS OFF**

(600  $\mu\text{mol}$ )

60° - 65° F



60° - 65° F

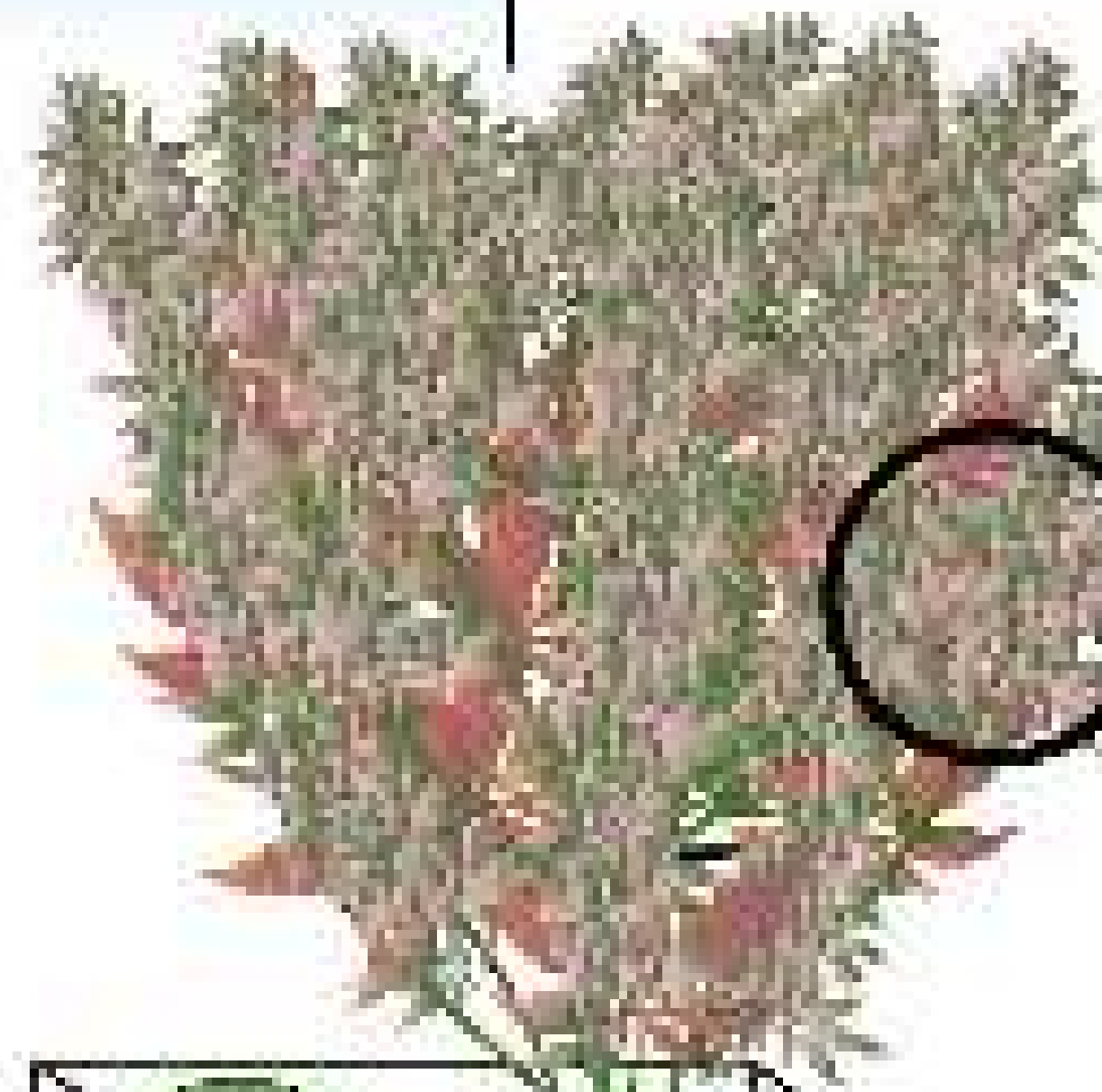
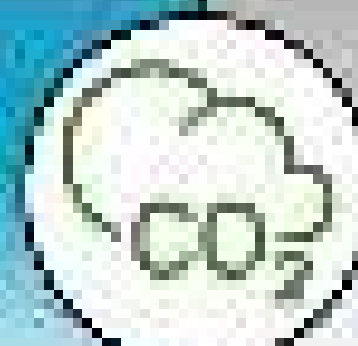
45% - 50%



45% - 50%



\*No CO<sub>2</sub> supplementation



\*The buds are mostly cloudy and slightly trich.

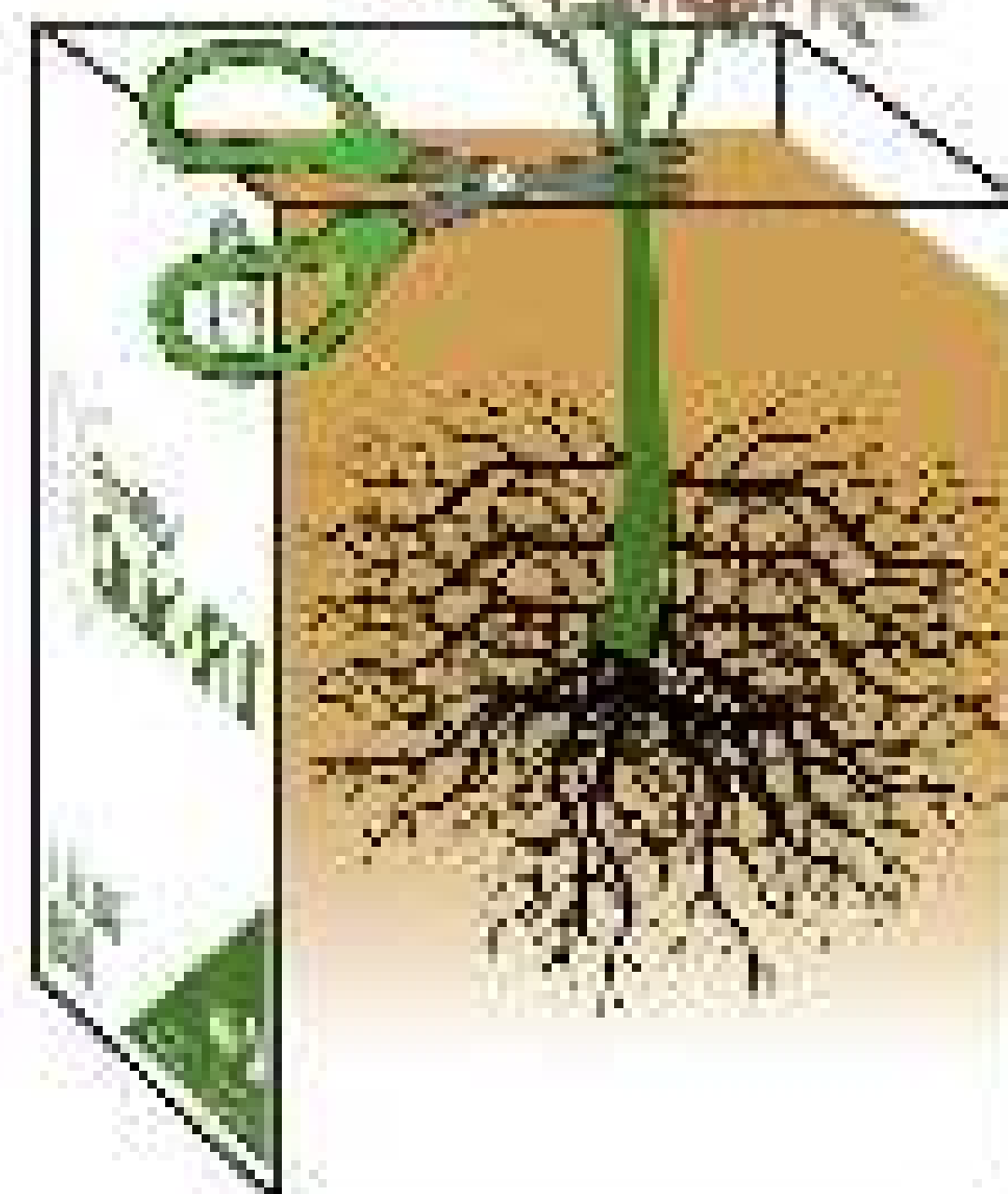


## PROCESS

Do not water for the last 1-3 days before harvest.

Harvest when the plants have reached the temporary wilting point, below 35% moisture content.

Best time to harvest is at lights come on (morning), but do not allow full intensity of light, just enough to see what you're doing.



STEP  
12



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DRY

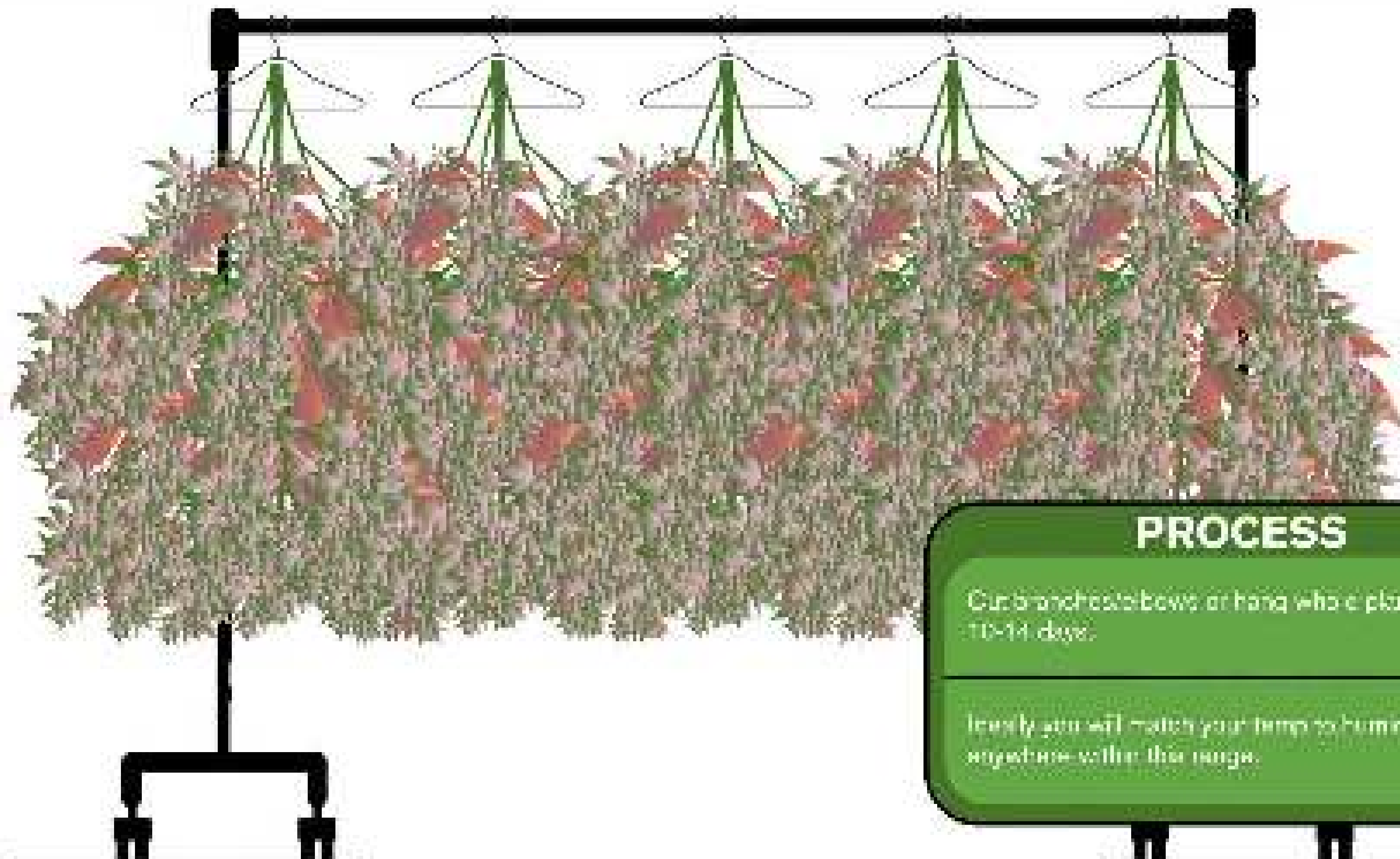
## LIGHTS OFF



55° - 65° F



55% - 65%



### PROCESS

Cut branches to bows or hang whole plant for 10-14 days.

Ideally you will match your temp to humidity anywhere within this range.



STEP

13



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TRIM / CURE

## LIGHTS OFF



55° - 65° F



55% - 65%



### PROCESS

Once 75-85% of the stems branches snap it is time to either:

1. Place main explants in a deeper tray without counting for 3-7 days trim and then bag.
2. Begin trimming and placing buds into shallow bins where as much as possible will occur for 3-7 days until bagging.

Even if opening Lucky/Damn Bags daily is common practice.

daily you will watch your buds to humidity anywhere within this range.