

STEP

1



# FloraFlex®

Helping you grow with your garden.®

## SEEDLING GERMINATION

Light Cycle 24 Hours (80 - 200 umol)



76° - 79° F



64% - 68%

### PROCESS

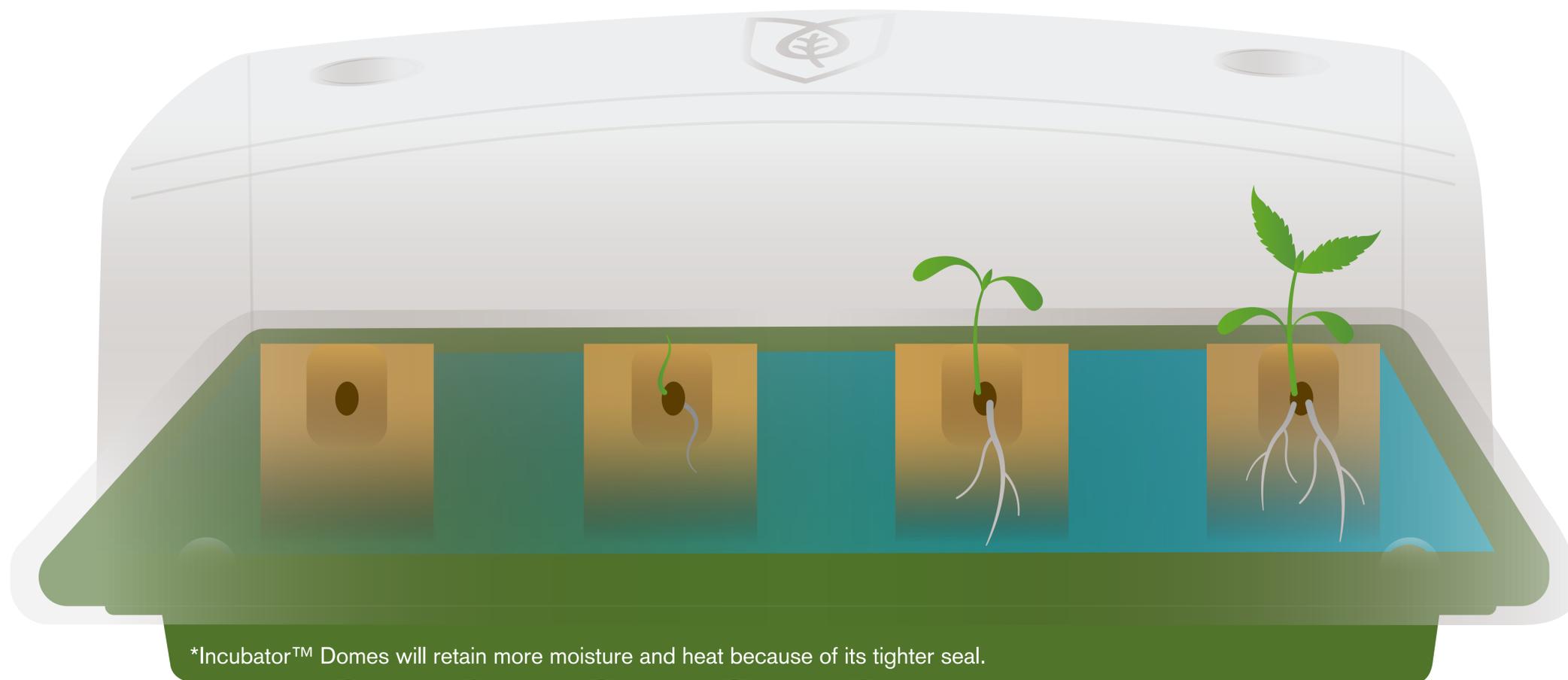
Soak the 40|40 cubes in pH water between 5.5-6.0.

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™ 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™ Domes will retain more moisture and heat because of its tighter seal.

Day 0

Day 7-9



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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.

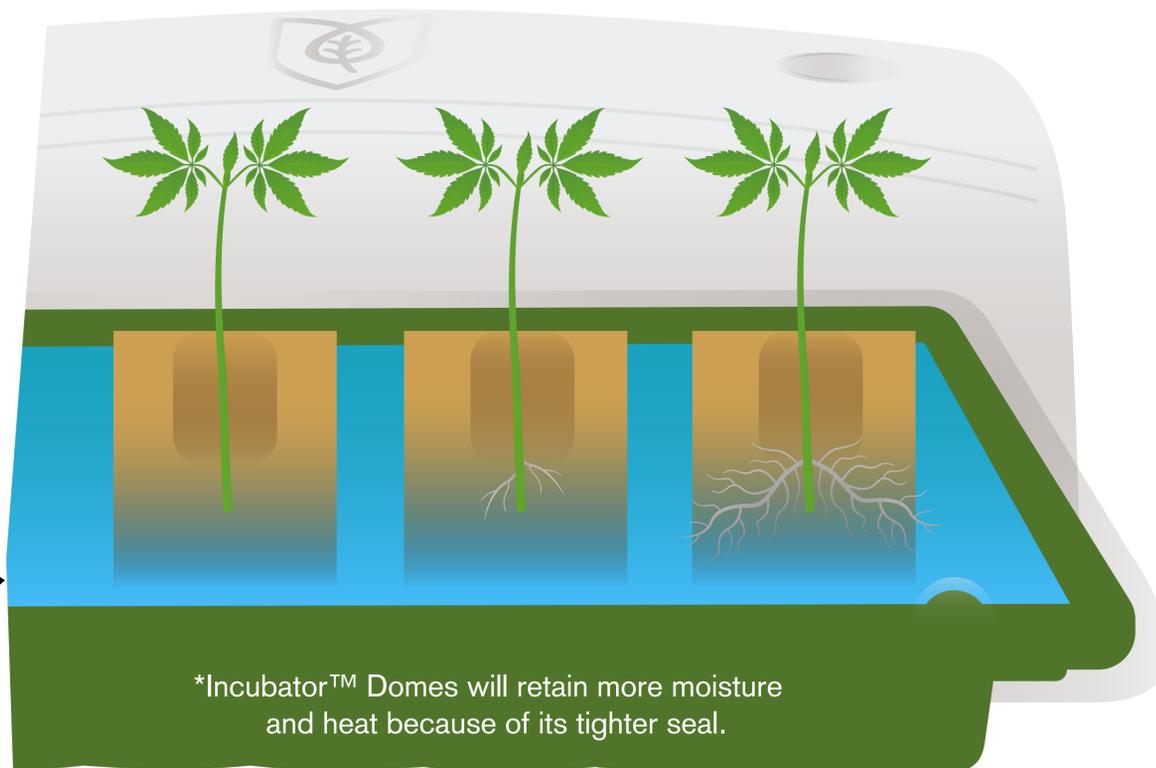
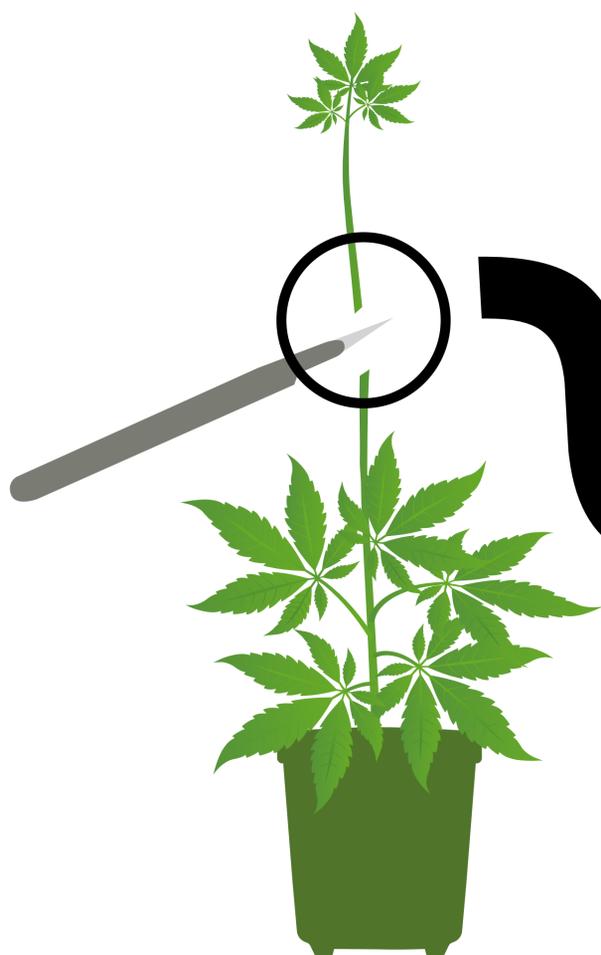
Place cutting in a cup with nutrient solution with a pH of 5.5-6.0 (2g each B1:B2 per gallon).

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.



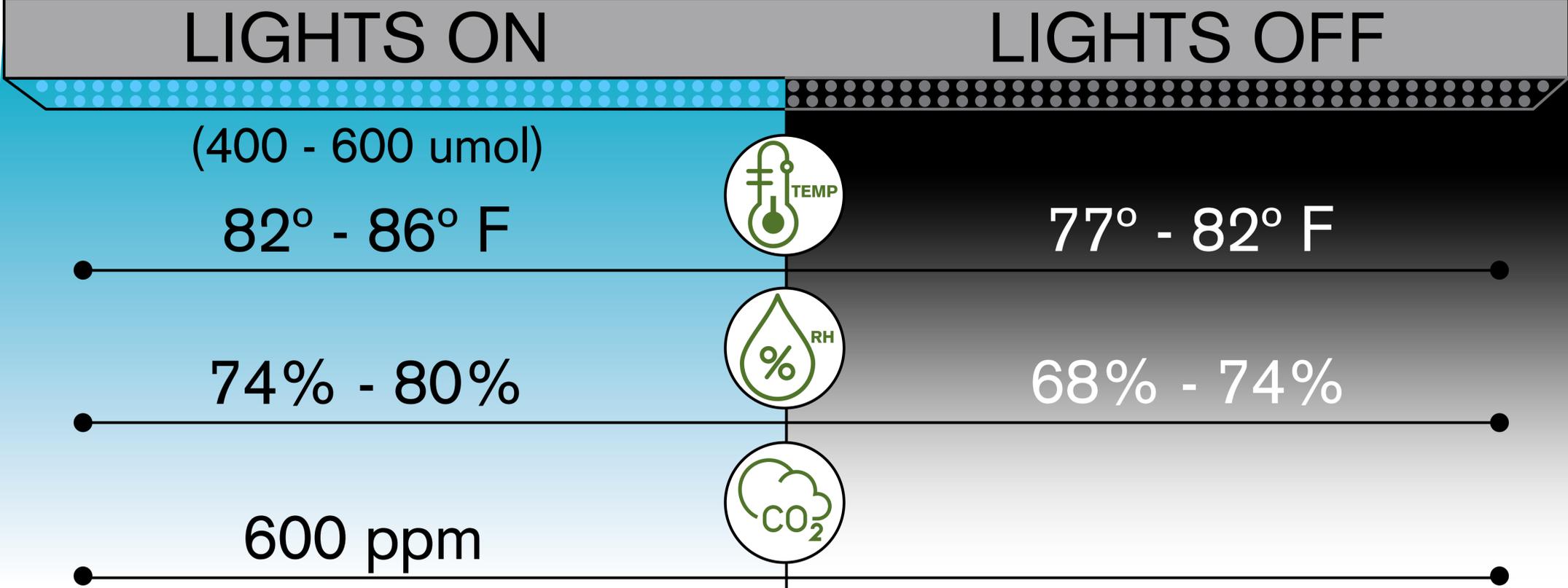
Day 0 ●

● 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



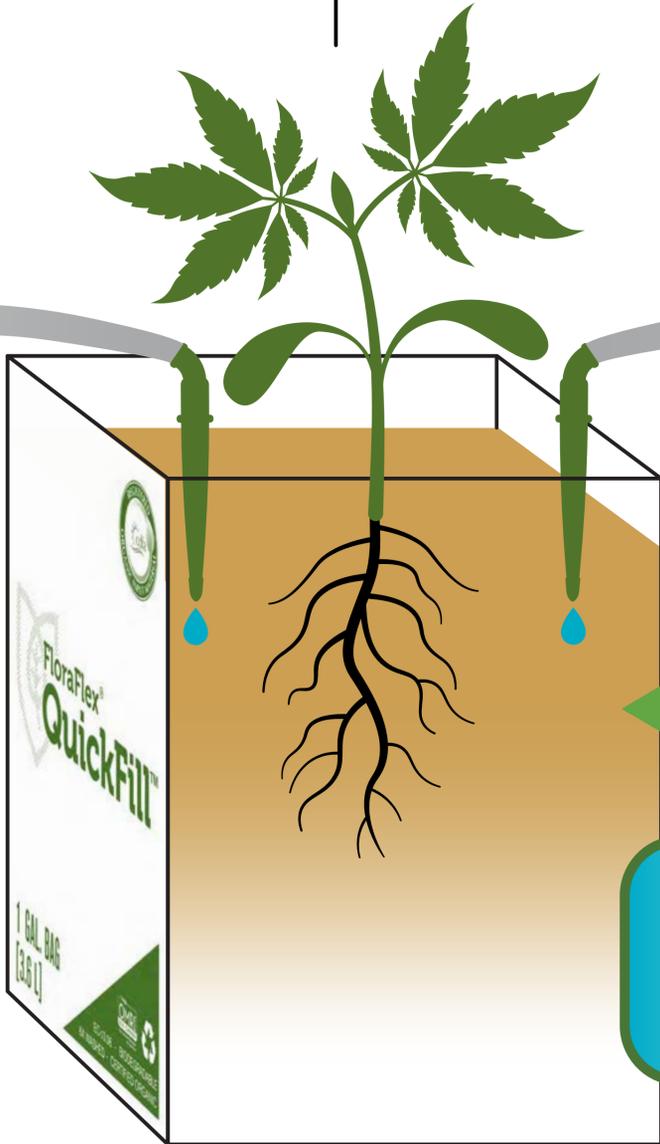
**LIGHT CYCLE**  
18 hours on and 6 off  
or 24 hours lights on.

**HOW TO FEED**

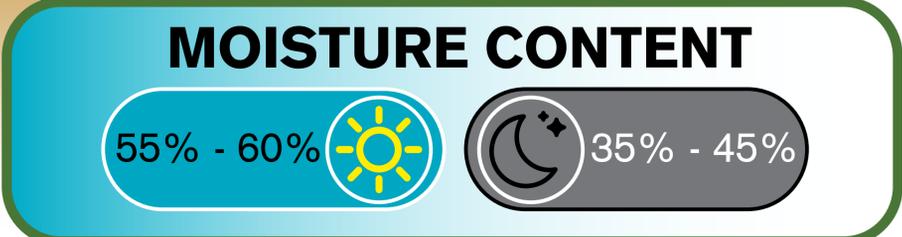
Depending on your medium's initial saturation, the moisture content can and will vary.

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.



**OVERNIGHT DRYBACKS**  
20% - 25%



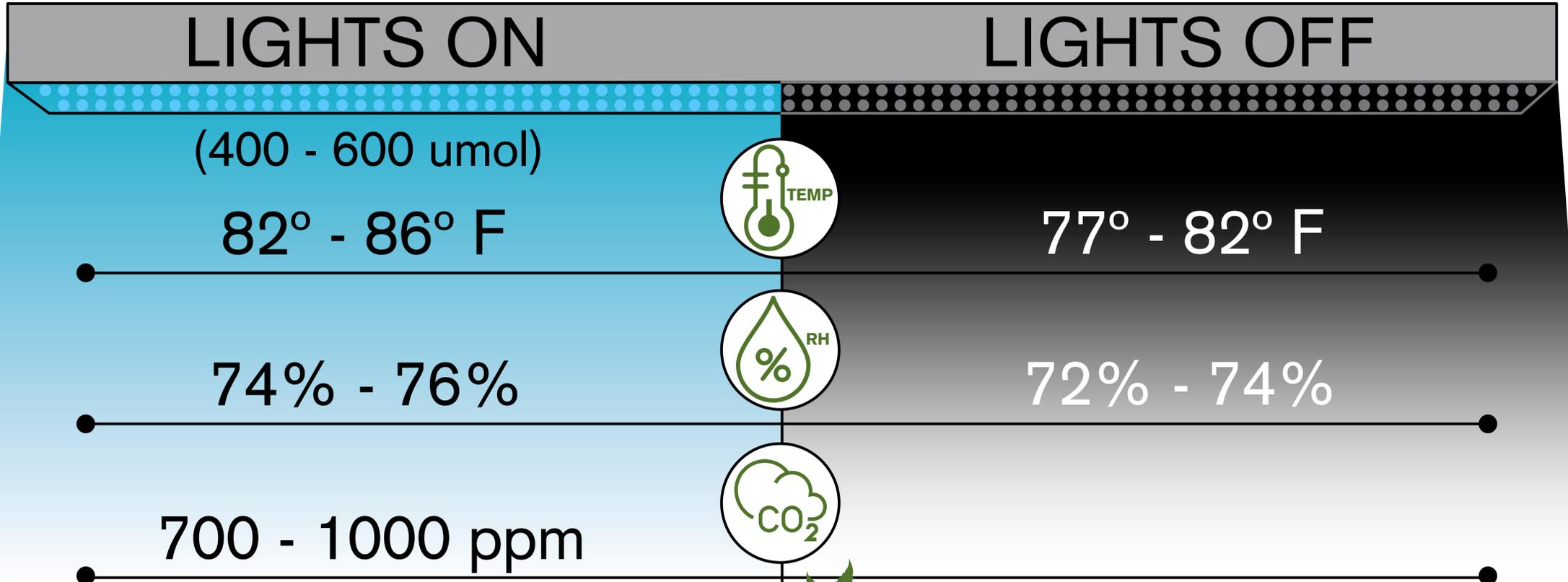
\*The FloraFlex QuickFill Coco at full saturation is 60% moisture content.

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

\*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.



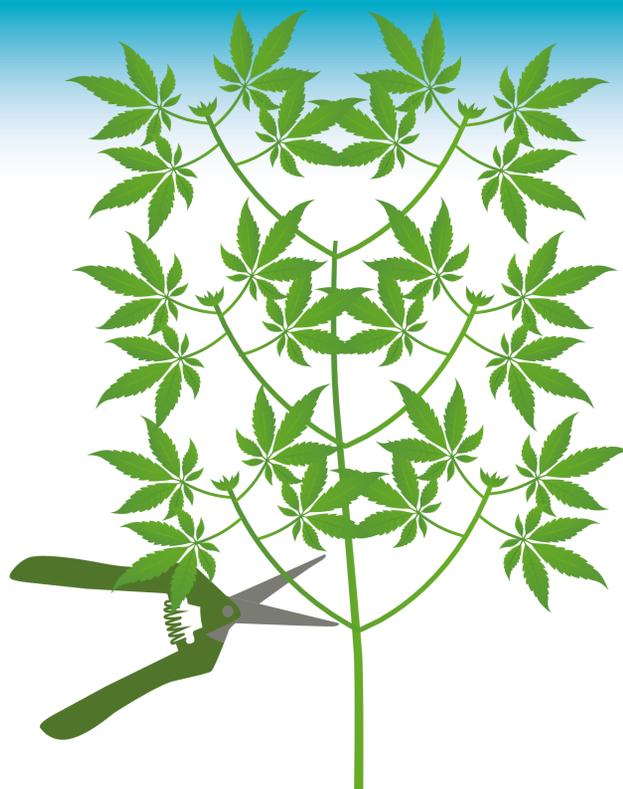
## TRANSITION FLIP TO BLOOM

Light Cycle 12 /12

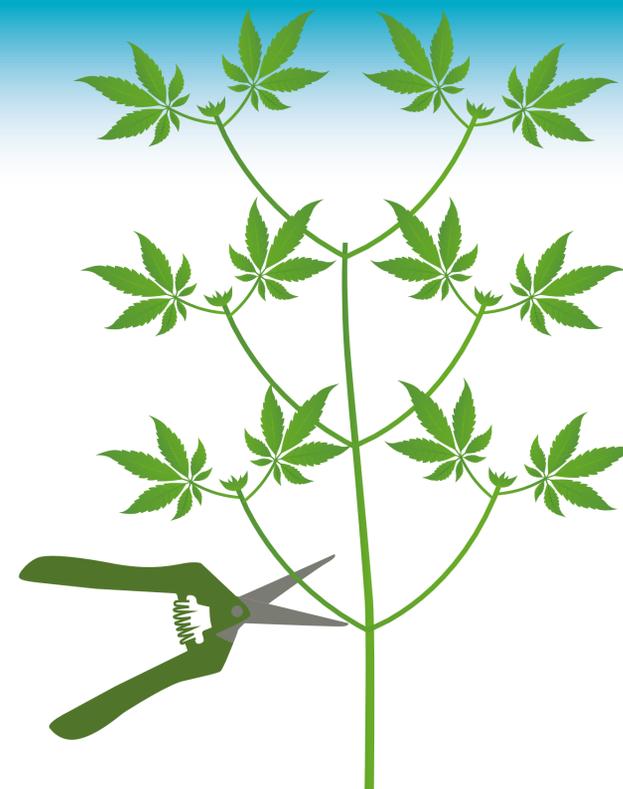
Pre-Strip



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.

STEP  
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## EARLY BLOOM - DAYS 1-21

### LIGHTS ON

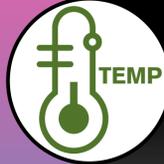
### LIGHTS OFF

Light Cycle 12/12 (600+ umol)

82° - 86° F

72% - 76%

1200 - 1400 ppm



76° - 80° F

68% - 70%

Increasing light intensity in early bloom can help increase bud sites and reduce internodal spacing. With increased PPFd you will need to increase nutrient solution EC and CO2 levels.

\*Plant train and/or super crop your plants throughout days 1-21 by bending and folding to maintain an even canopy for the rest of flower.

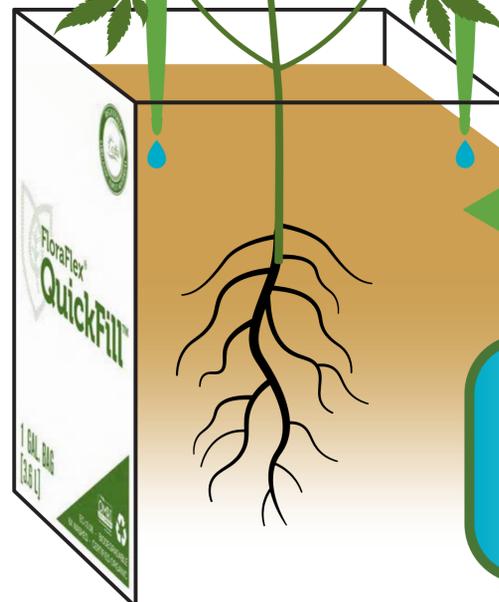
### HOW TO FEED

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



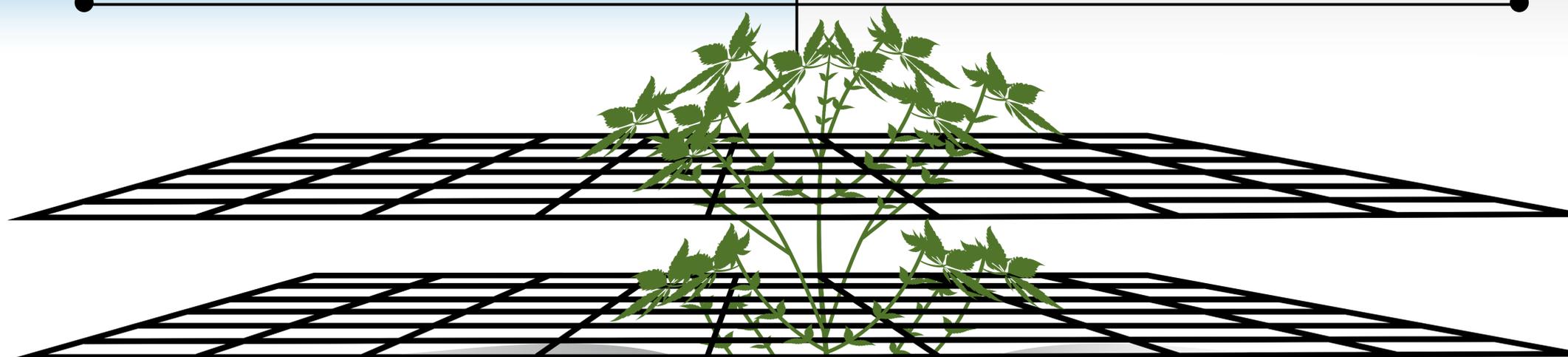
76° - 80° F

72% - 76%



68% - 70%

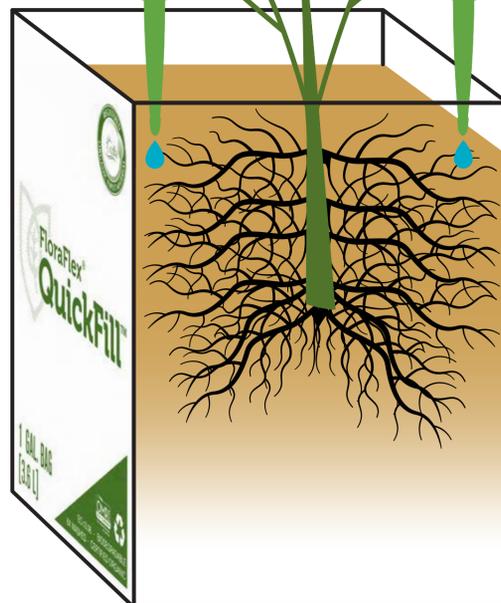
1200 - 1400 ppm



### 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.

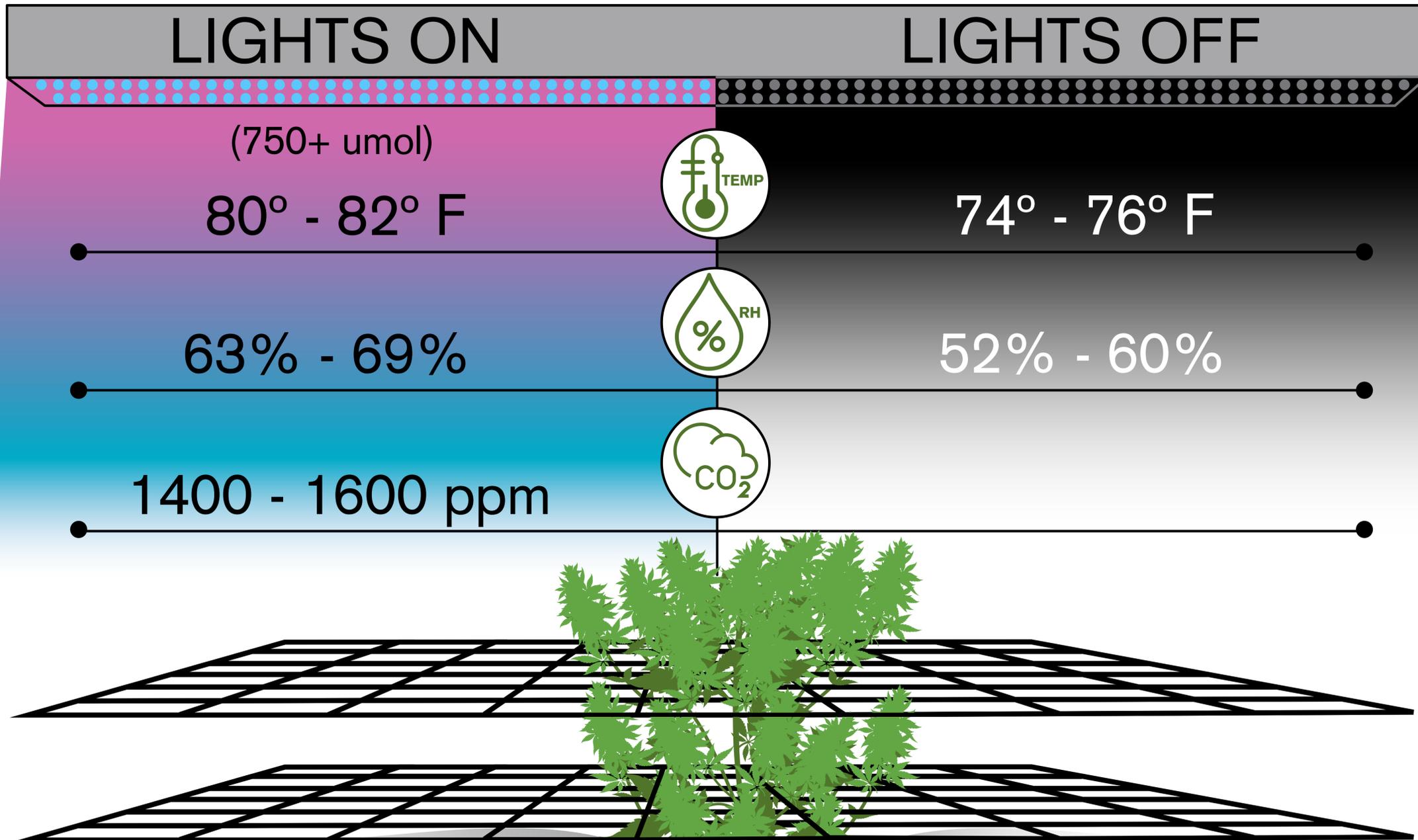


### TO DO

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**



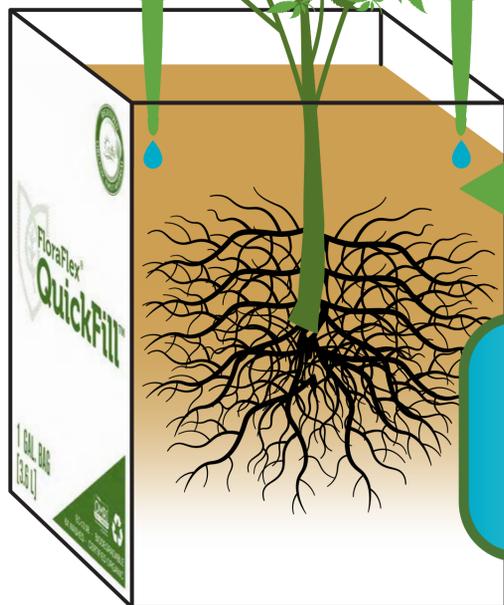
### HOW TO FEED

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%

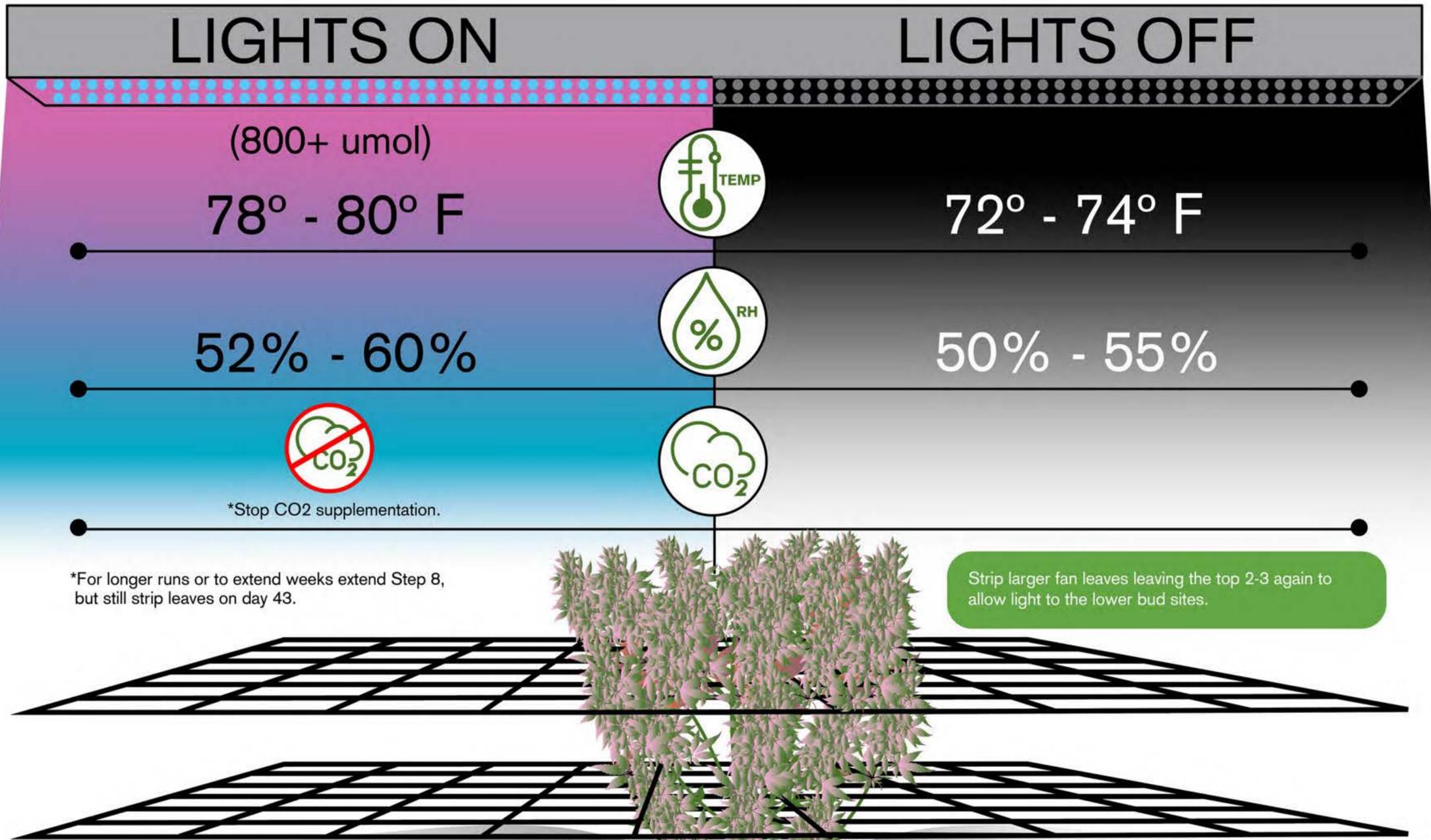


40% - 45%

\*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.



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



\*For longer runs or to extend weeks extend Step 8, but still strip leaves on day 43.

Strip larger fan leaves leaving the top 2-3 again to allow light to the lower bud sites.

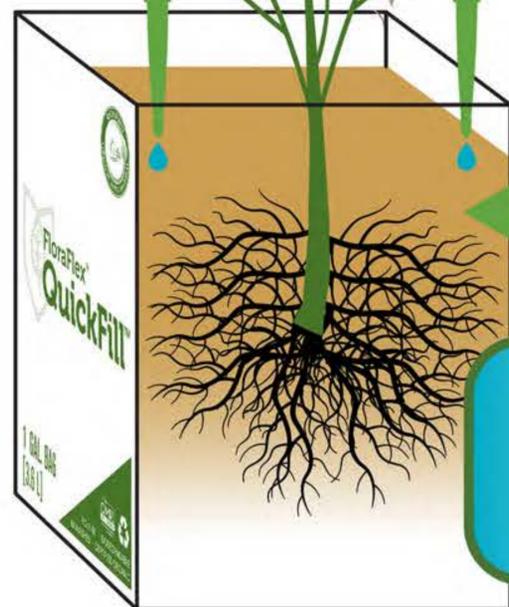
## HOW TO FEED

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 6 and/or when runoff is achieved.

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

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



**OVERNIGHT DRYBACKS**  
25% - 35%

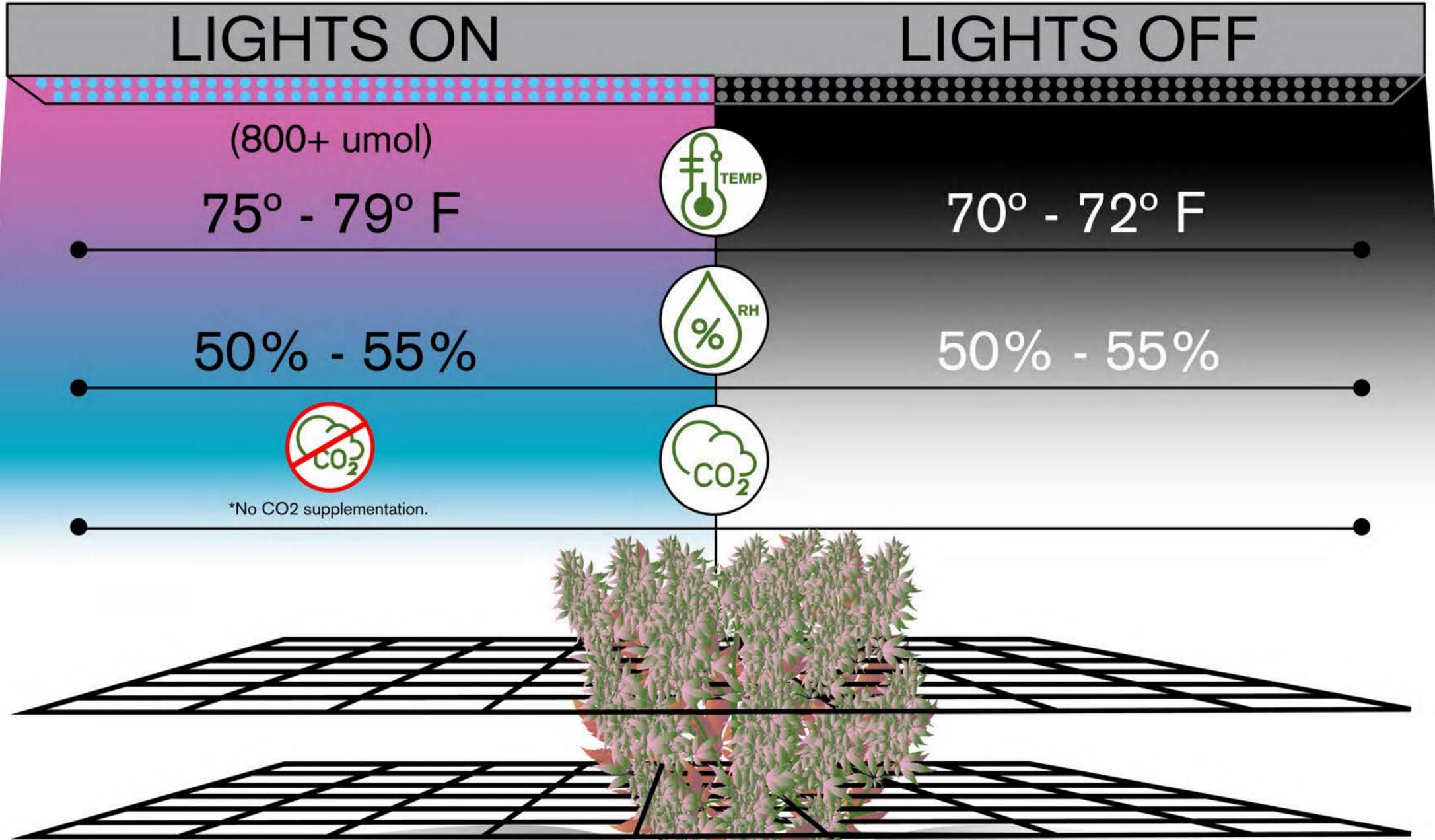
## MOISTURE CONTENT

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.



**FLUSH 7-14 DAYS**



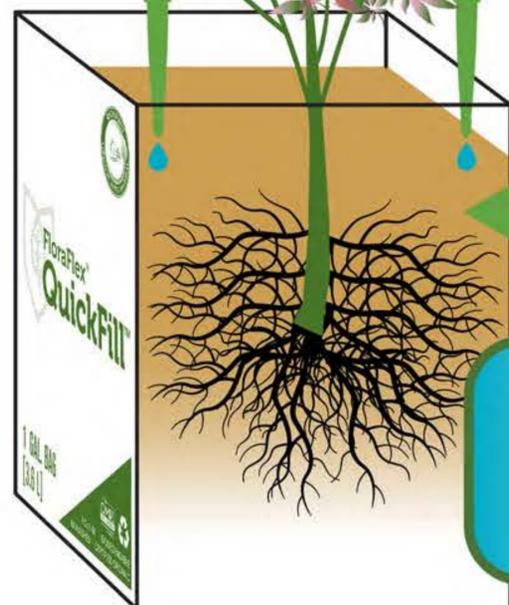
## HOW TO FEED

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 6 and/or when runoff is achieved.

For Flush Stage use pH'd tap, distilled or RO water.

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



## OVERNIGHT DRYBACKS

25% - 35%

## MOISTURE CONTENT

50% - 60%

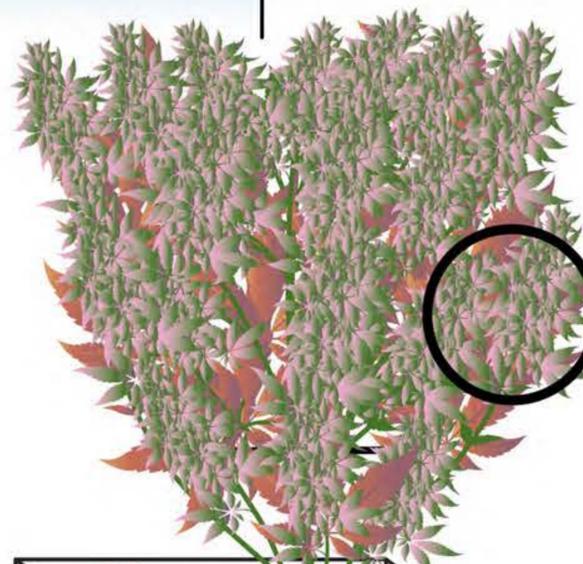
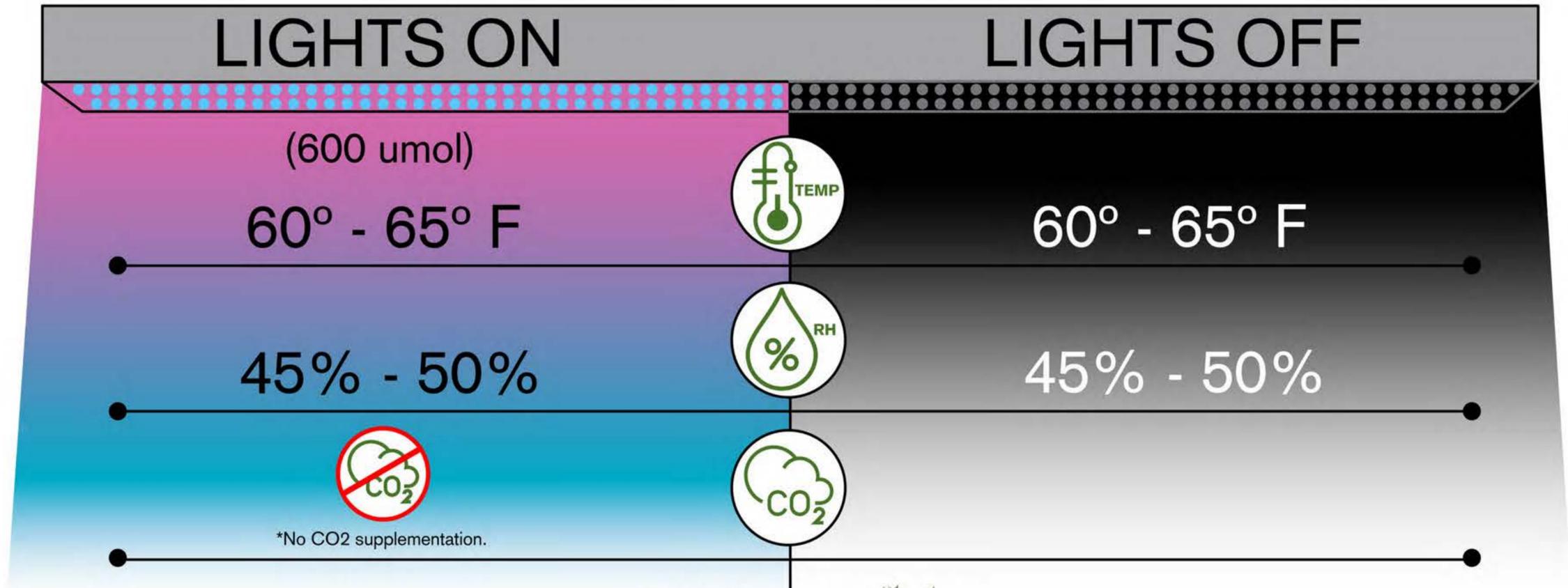


25% - 30%

\*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.



## PRE-HARVEST 1-3 DAYS / HARVEST



\*Trichomes mostly cloudy, and slightly amber.

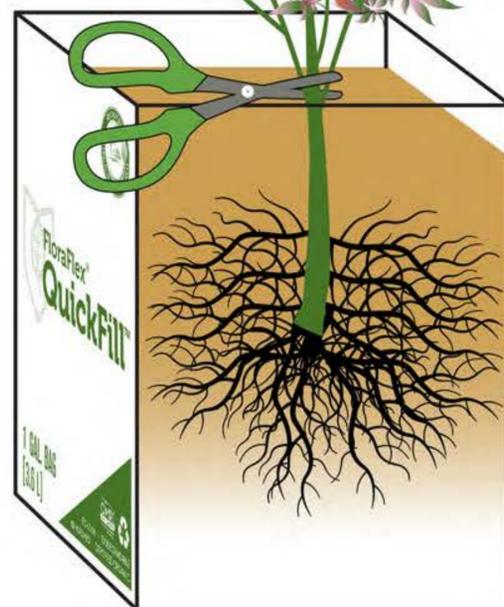


### PROCESS

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

Harvest when the plants have reached the temporary wilting point, below 30% moisture content.

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



STEP  
12



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DRY

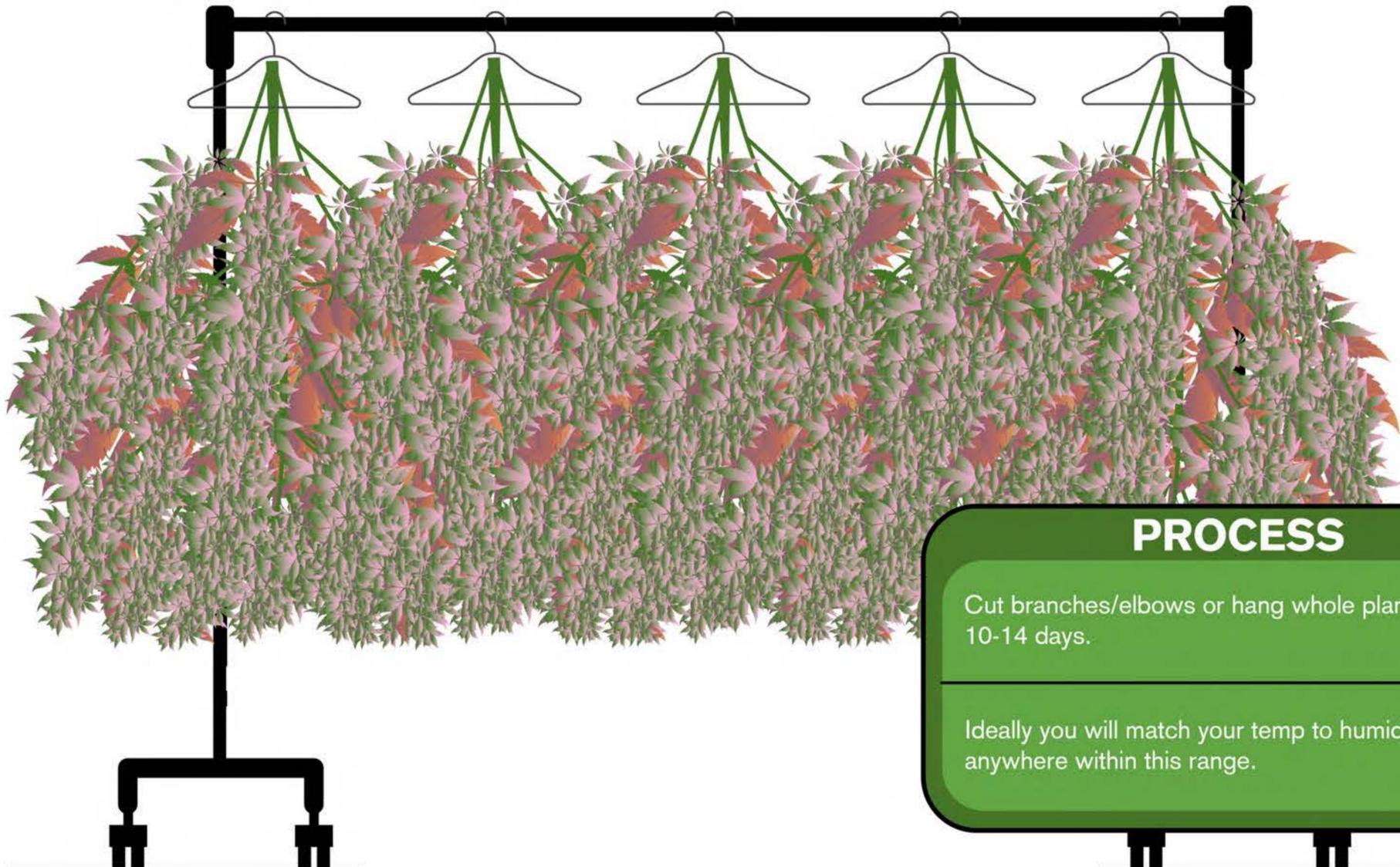
LIGHTS OFF



55° - 65° F



55% - 65%



## PROCESS

Cut branches/elbows 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 branches/plants inside deeper totes without cramming for 3-7 days, trim and then bag.
2. Begin trimming and placing buds into shallow bins so good aeration still occurs for 3-7 days until bagging.

Burping/opening Turkey/Oven Bags daily is common practice.

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