

### WHAT IS CLONING?

The process of replicating genetic phenotypes by taking branch cuttings from mother plants. Branch cuttings contain auxin hormones that encourage lateral root growth.

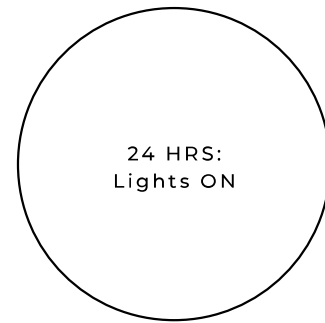
### WHY CLONE?

To stabilize preferred cultivars in order to produce a consistent final crop on any size scale. Cuttings from the same mother plant share identical chemotype compositions.

#### CLIMATE

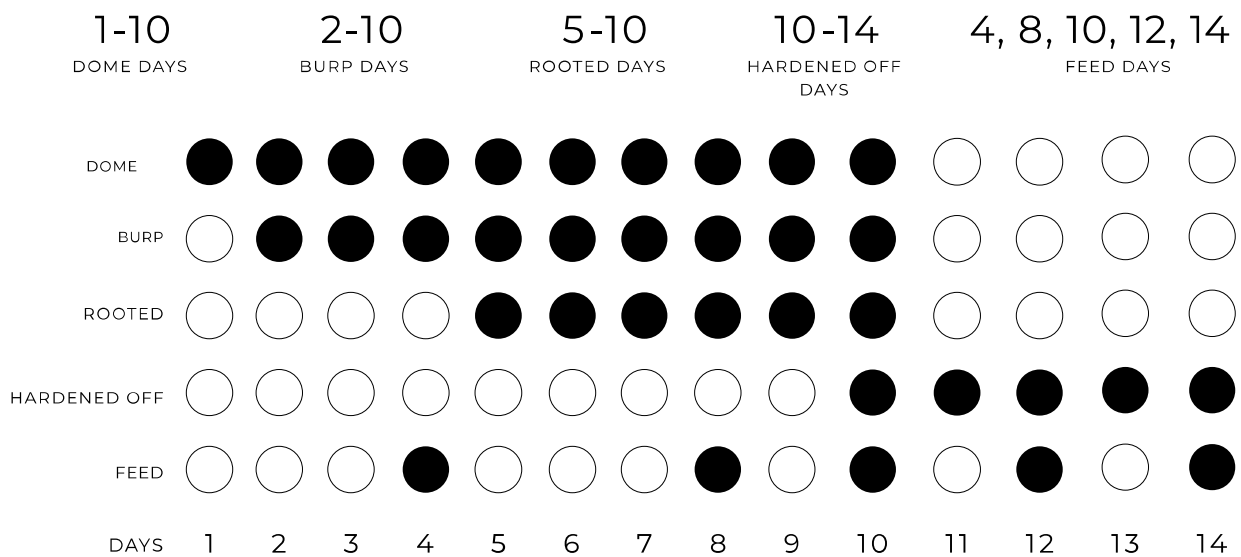
TEMP:	23.8° - 26.6° C	(Room)
RH:	65 - 75%	(Room)
DH:	80 - 95%	(Dome)
VPD:	0.8 kPa	(Room)
PPFD:	100 - 150	(Canopy)
EC:	2.0 - 3.0	(Input)
PH:	5.6 - 6.0	(Input)

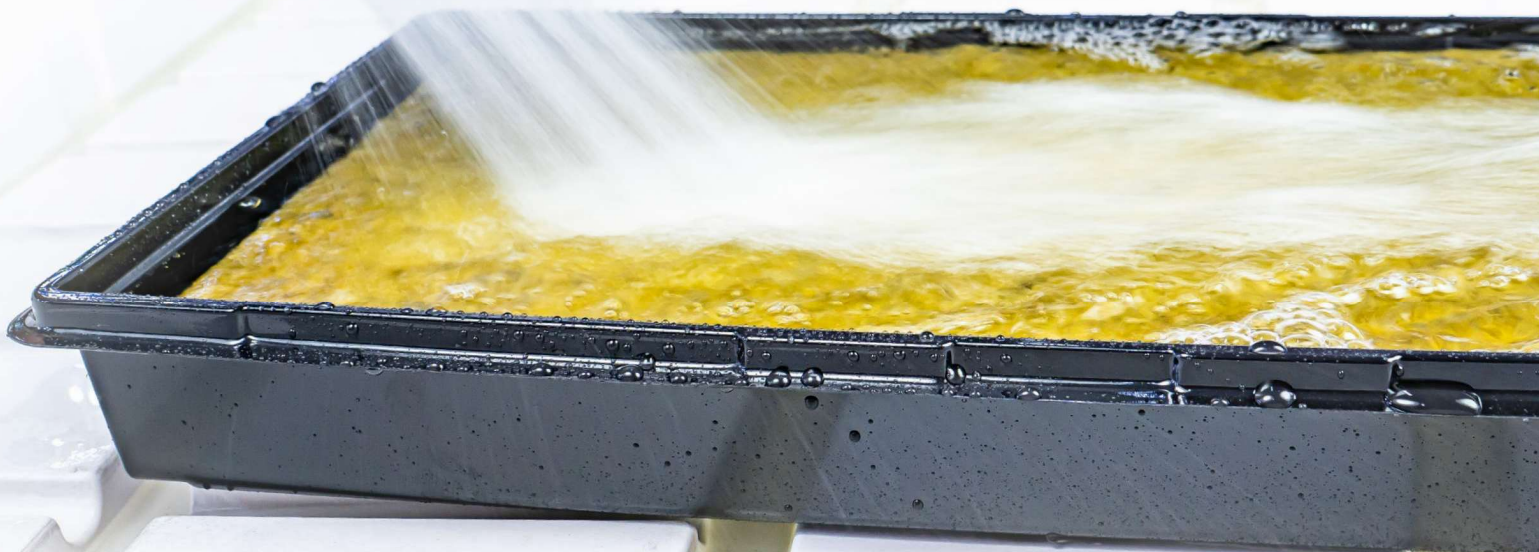
#### LIGHT SCHEDULE



### EXPECTED TIME FRAMES

14 TOTAL DAYS



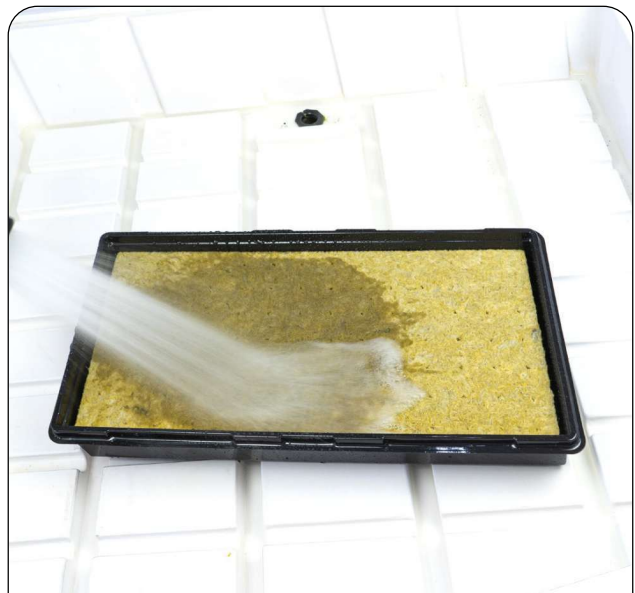


**PRO TIP:**

The solution level should be even with the top of the rockwool slab to ensure complete saturation.



- 1** Place a new, dry rockwool slab into a clean base tray.



- 2** Saturate the rockwool slab with the Athena® clone feed a recipe.

- ③ Let the rockwool soak for at least 10 minutes.



- ④ Drain excess solution.



















- ⑤ Tilt the tray 90° to drain fully.

**NOTE:** The tray is sufficiently drained when there are only droplets remaining.



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<div>1 Liter</div>  <div>    </div> <div> Day 1-6 Hand feed 20% run-off 1x every 2 days </div>			<div>4 Liter</div>  <div>    </div> <div> Day 1-7 Hand feed 20% run-off 1x every 2 days </div>		
Day 7-14 Hand feed 20% run-off 1x every 1-2 days			Day 8-15 0.5 GPH emitters 20% run-off 5 min. 5x daily		
			Day 16-30 0.5 GPH emitters 20% run-off 20 min. 5x daily		
<div>20 Liter</div>  <div>    </div> <div> Day 1-10 Hand feed 20% run-off 1-2x every 2 days </div>			<div>25 Liter</div>  <div>    </div> <div> Day 1-10 Hand feed 20% run-off 1-2x every 2 days </div>		
Day 11-15 1.0 GPH emitters 20% run-off 20 min. 5x daily			Day 11-30 1.0 GPH emitters 20% run-off 30 min. 5x daily		
Day 16-30 1.0 GPH emitters 20% run-off 40 min. 5x daily			Day 31-90 1.0 GPH emitters 20% run-off 60 min. 5x daily		