

P1 Irrigation Event:

P1 is bringing a pot or cube to field capacity (full saturation). Start 1-2 hours after lights come on with an irrigation event taking place every 15-30 minutes until field capacity is hit and 5-15% runoff is seen. This usually takes anywhere from 5-9 irrigation events at 2-6% shots.

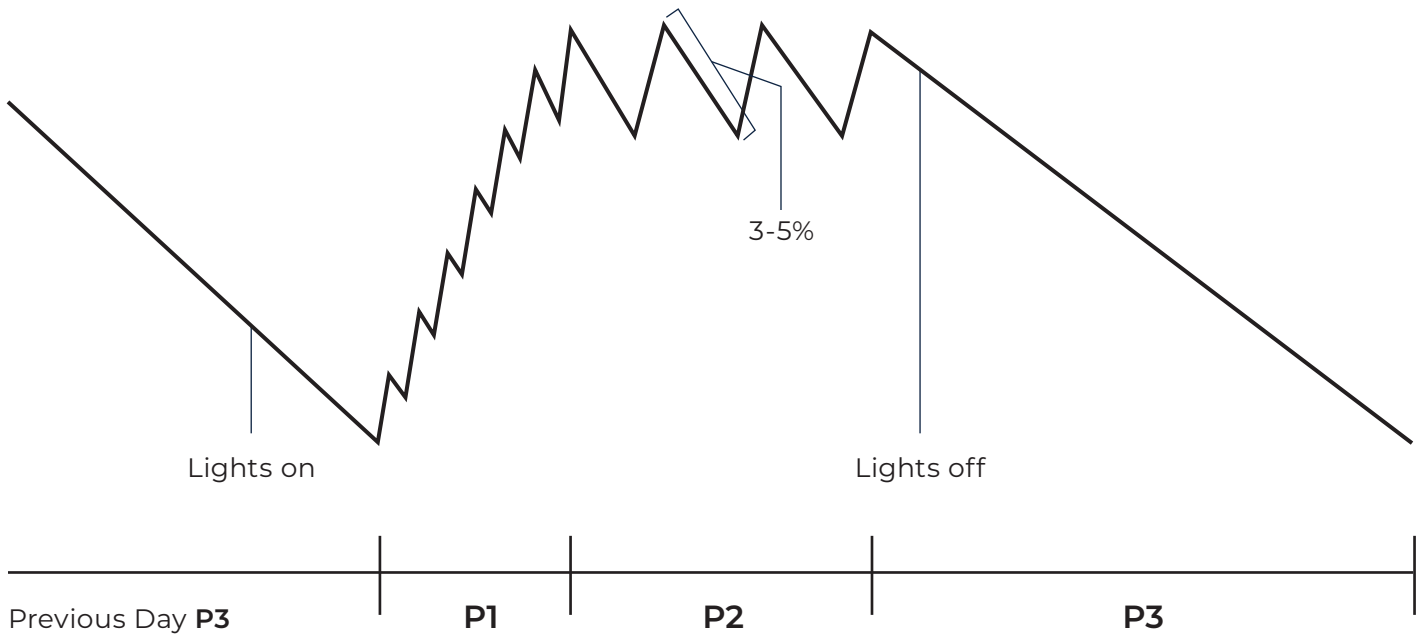
P1 NOTE: 2% shot means 2% of your total substrate.

Example: If using 1 gallon of substrate, a 2% shot would be $3,785 \text{ IL} \times .02 = 75.7 \text{ ml}$ per irrigation event.

P2 Irrigation Event:

P2 is for holding field capacity and usually starts 1-2 hours after P1 is complete. Look for a 3-5% dryback between feeds on P2. It will take anywhere from 45 minutes - 2 hours between feeds based on your substrate, pot size and how environmentals are run, to achieve this dryback.

P2 NOTE: Sometimes P2 irrigations are unnecessary. Sometimes all you need is P1 irrigations to runoff to achieve the water content you are looking for at the start of the next day.



SHOT VOLUMES	
1 Gallon Pot	1% shot = 40 ml
2 Gallon Pot	1% shot = 75 ml
3 Gallon Pot	1% shot = 110 ml
5 Gallon Pot	1% shot = 150 ml
7 Gallon Pot	1% shot = 190 ml
10 Gallon Pot	1% shot = 225 ml
4" Rockwool (Delta 6.5)	1% shot = 6.5 ml
4" Rockwool (Delta 10)	1% shot = 10 ml
6" Rockwool (Hugo)	1% shot = 35 ml
Uni-Slab Rockwool	1% shot = 50 ml
8" Rockwool (Mama)	1% shot = 80 ml
6" Rockwool Slab	1% shot = 100 ml

P3 Dryback:

P3 is dryback overnight. During veg / flower swell, look for around a 15% dryback. During flower stretch / flower flush, look for around a 30% dryback. This is a very critical step when running in a 1 gallon pot or 6x6 Rockwool, with very large plants.

EC Note: High substrate EC should be avoided once stretch has completed on crop to avoid nutrient burn on plants.

FULL CYCLE SUBSTRATE EC RANGE	
Veg Substrate	3-5 EC
Stretch Flower Substrate	4-10 EC
Bulk Flower Substrate	3.5-6 EC
*EC range may vary based on substrate.	

*Disclaimer: This content is subject to change. We are always adjusting as we learn. This chart is currently what we know to be the proper irrigation strategy. We are currently working on several other strategies. As we gather data and make adjustments, we will share what we learn and update any necessary materials.