

Cultivation Nation™

HYDROPONIC Feeding Schedule

During the flowering stage, reduce the amount of light from 18 hours to 12 hours. For best results, maintain a pH range of 5.8 to 6.3. Keep ambient temperature between 65-86°F (18-30°C). In hot environments water levels will decrease more quickly due to plant transpiration and evaporation. This can cause higher salt concentrations in your reservoir. Add fresh water to top off reservoir. Never mix pure concentrates together; always add water first. Should plants show signs of stress or

color irregularities, flush your system with SledgeHammer® to remove unwanted salt build-up and improve the root bio-culture. Change reservoir and add fresh nutrients to achieve full strength EC. Procedure for feeding between reservoir changes: Add fresh water to top off system. Check EC before feeding. Add nutrients in their appropriate ratios until the needed EC gain is achieved. For edible plants flush the system again one to two weeks prior to harvest.

FEED AS EC REQUIRES

PER GALLON OF WATER

Time*	Week	Seedlings and Cuttings	1	2	3	4		5	6	7		8	9	10		11	12
Light	Hours	18	18	18	18	18		12	12	12		12	12	12		12	12
EC	Range	0.31-0.33	0.81-0.83	1.17-1.24	1.77-1.82	2.03-2.15		2.16-2.23	1.65-1.75	1.65-1.75		1.97-2.03	1.82-1.90	1.76-1.80		1.22-1.36	0.98-1.06
PPM (700 scale)	Range	217 - 231	567 - 581	819 - 868	1239-1274	1421-1505		1512-1561	1155-1225	1155-1225		1379-1421	1274-1330	1232-1260		854 - 952	686 - 742
CULTIVATION NATION™ GROW	1/2 tsp	1 tsp	1 tsp	2 tsp	2 tsp		2 tsp	1 tsp	1 tsp		1 tsp						
CULTIVATION NATION™ MICRO			1/2 tsp	1 tsp	1 tsp		1 tsp	1 tsp	1 tsp		1 tsp	1 tsp	1 tsp				
CULTIVATION NATION™ BLOOM						1 tsp	1 tsp	1 tsp	1 tsp		2 tsp	2 tsp	2 tsp		2 tsp	2 tsp	
GRINGO RASTA® Cal-Mag OMRI Listed®				1/2 tsp	1 tsp	1 tsp	1 tsp	1 tsp	1 tsp		1 tsp	1/2 tsp	1/2 tsp		1/2 tsp		
Open Sesame®					1/4 tsp	1/2 tsp	1/2 tsp										
Beastie Bloomz®								1/2 tsp	1/2 tsp		1/2 tsp						
Cha Ching®												1/2 tsp	1/2 tsp		1/2 tsp	1/2 tsp	

SledgeHammer® Flush: 1/2 tsp/Gallon of Water

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* SCHEDULE ADJUSTMENTS

EXTEND VEGETATIVE CYCLE: Repeat Week 4.

EXTEND FLOWERING CYCLE: Repeat Week 12.

CONVERSIONS

1/4 tsp = 1.25 mL
1/2 tsp = 2.5 mL
1 tsp = 5 mL = 1/3 Tbsp
2 tsp = 10 mL = 2/3 Tbsp
3 tsp = 15 mL = 1 Tbsp

