

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	SledgeHammer® Flush: 1/2 tsp/Gallon of Water	5	6	7	SledgeHammer® Flush: 1/2 tsp/Gallon of Water	8	9	10	SledgeHammer® Flush: 1/2 tsp/Gallon of Water	11	12
Light	Hours	18	18	18	18	18		12	12	12		12	12	12		12	12
EC	Range	0.50-0.60	0.80-0.90	1.10-1.30	1.70-1.90	2.00-2.20		2.50-2.70	1.60-1.80	1.60-1.80		2.00-2.20	1.80-2.00	1.70-1.90		1.20-1.40	1.00-1.20
PPM (700 scale)	Range	350 - 420	560 - 630	770 - 910	1190-1330	1400-1540		1750-1890	1120-1260	1120-1260		1400-1540	1260-1400	1190-1330		840 - 980	700 - 840
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
CULTIVATION NATION® Cal-Mag				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	



*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

