CULTURED SOLUTIONS®

PREMIUM HYDROPONIC NUTRIENTS

Specialized Feed Chart For Growers Using UC Roots instead of Clear Line

Follow QR Link to CCH2O Website for Cultured Solutions Nutrient Calcutator

For specific usage questions or product details reach out to tech@cch2o.com

RECIRCULATING HYDRO

NORMAL STRENGTH RDWC, DWC, AEROPONICS, NFT

PLANT STAGE	VEG				BLOOM								FLUSH
WEEK	1	2	3	4	1	2	3	4	5	6	7	8	2-3DAYS
UC Roots	5	5	5	5	5	5	5	5	5	5	5	5	10-15
COCO CAL	2	2	2	2	2	2	2	2	2	2	2	2	
VEG A	0.5	1	2	2.5									
VEG B	0.5	1	2	2.5									
BLOOM A					3.5	4.5	6	6	7	6	4	3	
BLOOM B					3.5	4.5	6	6	7	6	4	3	
BUD BOOSTER					0.5	1.5	2	3	3.5	3	2	1.5	
MYCOSTOP™	Per 1 GRAM / 100 Gal		Per 1 GRAM / 100 Gal		Per 1 GRAM / 100 Gal		Per 1 GRAM / 100 Gal		Per 1 GRAM / 100 Gal		Per 1 GRAM / 100 Gal		
PPM 500	100	175	300	325	425	500	600	650	700	650	450	400	0-100
PPM 700	140	245	420	455	595	700	840	910	980	910	630	560	0-100
EC	0.2	0.3	0.6	0.6	0.8	0.8	1.2	1.3	1.4	1.2	0.9	0.8	0.1
pH	6	6	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.8	5.8	5.7
TEMP	68°	68°	68°	68°	68°	68°	68°	68°	68°	68°	68°	65°	62°
ORP	250-350	250-350	250-350	250-350	250-350	250-350	250-350	250-350	250-350	250-350	250-350	250-350	250-350
DO MINIMUM	8 mg/L	8 mg/L	8 mg/L	8 mg/L	8 mg/L	8 mg/L	8 mg/L	8 mg/L	8 mg/L	8 mg/L	8 mg/L	8 mg/L	8 mg/L

-All recommendations are represented in Millileters Per Gallon

-Omit Mycostop if Regionally Unavailable

-Do not combine any products in undiluted form

-Use clean measuring instruments do not put anything into the bottle

-Store closed in original packaging at a temperature between 45°F and 85°F

DRAIN TO WASTE

NORMAL STRENGTH ROCKWOOL, COCO, PRO-MIX & SOILESS

PLANT STAGE	VEG				BLOOM								FLUSH
WEEK	1	2	3	4	1	2	3	4	5	6	7	8	2-3DAYS
UC Roots	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	5-10
COCO CAL	3	3	3	3	3	3	3	3	3	3	3	3	
VEG A	4	4	6	6									
VEG B	4	4	6	6									
BLOOM A					8	8	9	9	9	8	4	3	
BLOOM B					8	8	9	9	9	8	4	3	
BUD BOOSTER							4	5	9	10	12	10	
PPM 500	450	450	600	600	800	800	1000	1050	1100	1050	1000	750	0-100
PPM 700	630	630	840	840	1120	1120	1400	1470	1540	1470	1050	700	0-100
EC	0.9	0.9	1.2	1.2	1.6	1.6	2	2.1	2.2	2.1	1.5	1	0.1
pH	6	6	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.8	5.8	5.7
TEMP	68°	68°	68°	68°	68°	68°	68°	68°	68°	68°	68°	65°	62°
ORP	350-400	350-400	350-400	350-400	350-400	350-400	350-400	350-400	350-400	350-400	350-400	350-400	350-400
DO MINIMUM	8 mg/L	8 mg/L	8 mg/L	8 mg/L	8 mg/L	8 mg/L	8 mg/L	8 mg/L	8 mg/L	8 mg/L	8 mg/L	8 mg/L	8 mg/L

mL/gal Injection Rate

1	1 : 3840
2	1 : 1920
3	1 : 1280
4	1: 960
5	1 : 770
6	1 : 640
7	1 : 550
8	1 : 480
9	1 :430
10	1 : 385

1 tsp	= 5mL
1 tbsp	= 15mL
1 oz	= 30 m
1 qt	= 946 m
1 gal	= 3.785
1 gal	= 120 o

GENERAL ENVIRONMENTAL TARGETS

PLANT GROWTH STAGE	VEG				BLOOM								FLUSH
Weeks	1	2	3	4	1	2	3	4	5	6	7	8	3 to 7 Day Flush
Temp - Day (F°)	86°	84°	82°	80°	79°	79°	78°	77°	76°	76°	75°	75°	70°
Temp - Night (F°)	70°	70°	70°	69°	69°	69°	68°	68°	68°	67°	66°	65°	63°
Relative Humidity - Day	75%	75%	70%	70%	65%	65%	65%	63%	63%	60%	60%	50%	50%
Relative Humidity - Night	60%	60%	60%	60%	60%	60%	58%	58%	58%	56%	56%	54%	50%
VPD - Day (kPa)	1/1.1	1/1.1	1/1.1	1.1/1.2	1.2	1.2	1.15/1.2	1.2	1.2	1.2/1.3	1.2/1.3	1.4/1.5	1.5
VPD - Night (kPa)	1	1	1	1	1	1	1	1	1	1	1	1	1
CO2 (ppm)	1500	1500	1500	1400	1350	1350	1250	1200	1100	1000	900	800	500
PPFD µmol/m²/s	300-600	300-600	300-600	300-600	600-900	600-900	600-900	600-900	600-900	600-900	600-900	600-900	600-900