CULTURED SOLUTIONS®

PREMIUM HYDROPONIC NUTRIENTS

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
CLEARLINE™	1	1	1	1	1	1	1	1	1	1	1	1	1-2
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
CLEARLINE™	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1-2
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