

CULTURED SOLUTIONS

CRYSTAL CLEAR LIQUID FERTILIZERS



Follow QR Link to
CCH2O Website for
Cultured Solutions
Nutrient Calculator



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	
Lalstop K61™	Pre-LIGHT	Pre-LIGHT	Pre-LIGHT	Pre-LIGHT	Pre-LIGHT	Pre-LIGHT	Pre-LIGHT	Pre-LIGHT	Pre-LIGHT	Pre-LIGHT	Pre-LIGHT	Pre-LIGHT	
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	
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

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

-All recommendations
are represented in
Milliliters 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

Coco Coir, Rockwool, Drip, Soilless

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	
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	1/1.2	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

To learn more visit www.cch2o.com