



proper

Recommended for Soil, Coco, & Rockwool

units are in g/gal

mix in order

	CLONE	VEGETATIVE				FLOWER									
	SOAK	week 1	week 2	week 3	week 4	week 1	week 2	week 3	week 4	week 5	week 6	week 7	week 8	flush	
powder a	4	4	4	4	4	4	4	4	4	4	4	4	2		
powder b	4	4	4	4	4	4	4	4	3	3	3	3	3		
powder c						1	1	1	2	2	2	2	2		
powder d	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1		
flow (optional)	2	2	2	2	2	2	2	2	2	2	2				
ooze <small>(Contributes minimal EC NOT INCLUDED IN TOTAL)</small>		5-10	5-10	5-10	5-10	5-10	5-10	5-10	5-10	5-10	5-10	5-10	5-10		
Target PPM 500	1266	128				1426				1412				1126	
Target PPM 700	1773	1805				1996				1976				1576	
Target EC	2.53	2.58				2.85				2.82				2.25	
Target pH	5.5-5.8	5.5-6.0 (Coco & Rockwool) 5.9-6.2 (Soil)				5.7-6.2 (Coco & Rockwool) 6.0-6.4 (Soil)									

NOTICE:
-Ensure Powder A is eliminated at least 10 days before harvest.

notes

- Do not use Flow if you are using beneficial bacteria.
- If you are experiencing any issues, contact:
Jason: @_maxoutmgmt_
Travis: @divergent_flowers2.0

LED											
Day Temp (°F)		80-84			80-84			80-82	78-80	76-78	74-76
Night Temp (°F)		78-82			78-82			76-80	74-78	70-74	68-72
RH (%)		65-70			65-70			60-65	53-58	45-50	40-45
Day VPD (kPa)		1.1-1.2			1.1-1.2			1.3-1.4	1.5-1.6	1.6-1.7	1.7
PPFD	100	Increase from 200-500 depending on veg time			Increase from 800, ~5% per day, to reach 1050-1200			1050-1200	800-950	700-800	600
CO ₂ (PPM)		600			1100-1400			1100-1400	900-1000	800-900	700
Substrate EC		<5			<8			<5	<3	<3	<1

LED LST

- LED leaf surface temperature should be 2-5° less than ambient room temperature.
- Check apex of the plant, in full light, daily, two hours after lights turn on.

HPS											
Day Temp (°F)		77-81			77-81			77-79	75-77	73-75	71-73
Night Temp (°F)		75-79			75-79			73-77	71-75	67-71	65-69
RH (%)		65-70			65-70			60-65	53-58	45-50	40-45
Day VPD (kPa)		1.1			1.1			1.2-1.3	1.3-1.4	1.5-1.6	1.5-1.6
PPFD	100	Increase from 200-500 depending on veg time			Increase from 800, ~7% per day, to reach 950-1100			950-1100	700-850	700-800	600
CO ₂ (PPM)		600			1100-1400			1100-1400	900-1000	800-900	700
Substrate EC		<5			<8			<5	<3	<3	<1

HPS LST

- HPS leaf surface temperature should be 1-4° less than ambient room temperature.
- Check apex of the plant, in full light, daily, two hours after lights turn on.



proper POWDER B MUST BE MIXED AT A RATE OF 1 lb/gal · Recommended for Soil, Coco, & Rockwool · units are in mL/gal

mix in order

	CLONE	VEGETATIVE				FLOWER									
	SOAK	week 1	week 2	week 3	week 4	week 1	week 2	week 3	week 4	week 5	week 6	week 7	week 8	flush	
powder a	17	17	17	17	17	17	17	17	17	17	17	17	8		
powder b	34	34	34	34	34	34	34	34	26	26	26	26	26		
powder c						8	8	8	17	17	17	17	17		
powder d	17	17	17	17	17	17	17	17	17	17	17	17	8		
flow (optional)	2	2	2	2	2	2	2	2	2	2	2				
ooze <small>(Contributes Minimal EC NOT INCLUDED IN TOTAL)</small>									5	5	5	5	5		
Target PPM 500	1289	1289				1442				1448				1140	
Target PPM 700	1805	1805				2019				2027				1596	
Target EC	2.58	2.58				2.88				2.90				2.28	
Target pH	5.5-5.8	5.5-6.0 (Coco & Rockwool) 5.9-6.2 (Soil)				5.7-6.2 (Coco & Rockwool) 6.0-6.4 (Soil)									

NOTICE:
-Ensure Powder A is eliminated at least 10 days before harvest.

concentrates

- Stock Concentrations:
Powder A: 2 lb/gal
Powder B: 1 lb/gal
Powder C: 1 lb/gal
Powder D: 40 g/gal
- Stock 1 mL/gal EC's:
Powder A: 0.068 EC
Powder B: 0.042 EC
Powder C: 0.038 EC
Powder D: 0.001 EC
- Blend stocks for 10 minutes and let sit for 10 minutes prior to use.
- Powder B & C may appear cloudy when initially mixed.

doser conversions

mL	%	Ratio
8	0.21	475
17	0.44	225
26	0.69	146
34	0.90	112

LED

Day Temp (°F)		80-84	80-84	80-82	78-80	76-78	74-76
Night Temp (°F)		78-82	78-82	76-80	74-78	70-74	68-72
RH (%)		65-70	65-70	60-65	53-58	45-50	40-45
Day VPD (kPa)		1.1-1.2	1.1-1.2	1.3-1.4	1.5-1.6	1.6-1.7	1.7
PPFD	100	Increase from 200-500 depending on veg time	Increase from 800, ~5% per day, to reach 1050-1200	1050-1200	800-950	700-800	600
CO ₂ (PPM)		600	1100-1400	1100-1400	900-1000	800-900	700
Substrate EC		<5	<8	<5	<3	<3	<1

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Night Temp (°F)		75-79	75-79	73-77	71-75	67-71	65-69
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Substrate EC		<5	<8	<5	<3	<3	<1

LST

- Leaf surface temperature should be 2-5° less than ambient room temperature for LED and 1-4° less than ambient room temperature for HPS.
- Check apex of the plant, in full light, daily, two hours after lights turn on.

feed your fire.



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powder b	34	34	34	34	34	34	34	34	26	26	26	26	26		
powder c						8	8	8	17	17	17	17	17		
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NOTICE:
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concentrates

- Mix Powder A & D together at:
25 lbs Powder A to 500 g Powder D.
- Combine A & D dry before blending stocks.
- Stock Concentrations:
Powder A: 2 lb/gal
Powder B: 1 lb/gal
Powder C: 1 lb/gal
Powder D: 40 g/gal
- Stock 1 mL/gal EC's:
Powder A+D: 0.069 EC
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