



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				
Target PPM 500	1142	1142				1272				1260				974	
Target PPM 700	1599	1599				1781				1764				1363	
Target EC	2.28	2.28				2.54				2.52				1.95	
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.

feed your fire.



mix in order

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	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	17	17	17	17	17	17	17	17	13	13	13	13	13			
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					
Target PPM 500	1142	1142				1272				1260				974		
Target PPM 700	1599	1599				1781				1764				1363		
Target EC	2.28	2.28				2.54				2.52				1.95		
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)										
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
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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
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
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Substrate EC		<5				<8				<5				<3	<3	<1

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

concentrates

- Stock Concentrations:
Powder A: 2 lb/gal
Powder B: 2 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: 0.068 EC
Powder C: 0.031 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
13	0.34	280
17	0.44	225

LST

- LED leaf surface temperature should be 2-5° less than ambient room temperature.
- 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.



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powder a + d	17	17	17	17	17	17	17	17	17	17	17	17	8			
powder b	17	17	17	17	17	17	17	17	13	13	13	13	13			
powder c						8	8	8	17	17	17	17	17			
flow (optional)	2	2	2	2	2	2	2	2	2	2	2					
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CO ₂ (PPM)		600				1100-1400				1100-1400				900-1000	800-900	700
Substrate EC		<5				<8				<5				<3	<3	<1

NOTICE:

•Ensure Powder A is eliminated at least 10 days before harvest.

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: 2 lb/gal Powder C: 1 lb/gal Powder D: 40 g/gal
- Stock 1 mL/gal EC's: Powder A+D: 0.069 EC Powder B: 0.068 EC Powder C: 0.031 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.

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mL	%	Ratio
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