



charge

Recommended for Stacking in 3-5 Gallon Coco Pots

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	5	5	5	5	5	5	5	5	4	4	4	2			
powder b	5	5	5	5	5	5	5	5	3	3	3	3	2		
powder c									2	2	2	2	1		
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		
Target PPM 500	1426	1426				1426				1260			977	419	
Target PPM 700	1996	1996				1996				1764			1368	586	
Target EC	2.85	2.85				2.85				2.52			1.95	0.84	
Target pH	5.5-5.8	5.5-5.6				6.0-6.2									
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
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

NOTICE:

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

notes

•If you are experiencing any issues, contact:

Travis:
@divergent_flowers

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.

feed your fire.

If running light intensity below 800 PPFD during Bloom or below 400 PPFD in Veg, you may reduce all inputs by up to 25%. Conversely, in high-light environments exceeding 1250 PPFD in Bloom, consider increasing input EC by up to 25%.



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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	21	21	21	21	21	21	21	21	17	17	17	8				
powder b	21	21	21	21	21	21	21	21	13	13	13	13	8			
powder c									17	17	17	17	8			
powder d	17	17	17	17	17	17	17	17	17	17	17	17	8			
Target PPM 500	1436	1436				1436				1291				986	401	
Target PPM 700	2011	2011				2011				1807				1381	561	
Target EC	2.87	2.87				2.87				2.58				1.97	0.80	
Target pH	5.5-5.8	5.5-5.6				6.0-6.2										
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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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

•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

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feed your fire.

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