



feed your fire.

charge POWDER B MUST BE MIXED AT A RATE OF 1 lb/gal · Rec'd for Stacking in 3-5 Gallon Coco Pots · 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	21	21	21	21	21	21	21	21	17	17	17	8			
powder b	42	42	42	42	42	42	42	42	26	26	26	26	16		
powder c									17	17	17	17	8		
powder d	17	17	17	17	17	17	17	17	17	17	17	17	8		
ooze <small>(Contributes Minimal EC NOT INCLUDED IN TOTAL)</small>									5	5	5	5	5		
Target PPM 500	1593	1593				1593				1449			1145	489	
Target PPM 700	2230	2230				2230				2029			1603	684	
Target EC	3.19	3.19				3.19				2.90			2.29	0.98	
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.

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
21	0.55	180
26	0.69	146
42	1.11	90

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.

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%.



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		
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	1581	1581				1581				1412			1129	510	
Target PPM 700	2213	2213				2213				1976			1581	714	
Target EC	3.16	3.16				3.16				2.82			2.26	1.02	
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.

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.

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%.