



PROPER
(GRAMS)

POWDER

@drip_hydro
driphydro.com



← mix in order

proper Recommended for Soil, Coco, & Rockwool															units are in g/gal	
	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				
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				691		
Target PPM 700	1599	1599				1781				1764				968		
Target EC	2.28	2.28				2.54				2.52				1.38		
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	
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	

notes

- Ensure Powder A is eliminated at least 10 days before harvest.
- Do not use Flow if you are using beneficial bacteria.
- If you are experiencing any issues, contact:

Jason:
@maxoutmgmt_

Travis:
@divergent_flowers2.0

notes

- 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.

notes

- 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

proper

Recommended for Soil, Coco, & Rockwool

units are in mL/gal

	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			
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				691	
Target PPM 700	1599	1599				1781				1764				968	
Target EC	2.28	2.28				2.54				2.52				1.38	
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)	100	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
	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
PPFD																
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)	100	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

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.

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

doser conversions

mL	%	Ratio
8	0.21	475
13	0.34	280
17	0.44	225

notes

•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.



PROPER
(STOCK CONCENTRATES)
(A+D, B, C, D)

POWDER

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proper															Recommended for Soil, Coco, & Rockwool															units are in mL/gal		
	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 + d	17	17	17	17	17	17	17	17	17	17	17	17																				
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													8																			
flow (optional)	2	2	2	2	2	2	2	2	2	2	2																					
Target PPM 500	1142	1142				1272				1260				691																		
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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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CO ₂ (PPM)		600				1100-1400				1100-1400				900-1000	800-900	700																
Substrate EC		<5				<8				<5				<3	<3	<1																

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

doser conversions

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8	0.21	475
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- LED leaf surface temperature should be 2-5° less than ambient room temperature.
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