



← 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	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 (Contributes Minimal EC NOT INCLUDED IN TOTAL)		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	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) 5-10				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	

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 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 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.



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

POWDER

@drip_hydro
driphydro.com



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				
ooze (Contributes Minimal EC NOT INCLUDED IN TOTAL)		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	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															
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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
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: 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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(STOCK CONCENTRATES)
(A+D, B, C, D)

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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					
ooze (Contributes Minimal EC NOT INCLUDED IN TOTAL)		5-10	5-10	5-10	5-10	5-10	5-10	5-10	5-10	5-10	5-10	5-10	5-10			
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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

- 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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