



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	1	1	1	1	1	1	1	1	1	1	1	0.5			
powder b	1	1	1	1	1	1	1	1	0.8	0.8	0.8	0.8	0.8		
powder c						0.25	0.25	0.25	0.5	0.5	0.5	0.5	0.5		
powder d	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.03	0.03		
Target PPM 500	1142	1142				1272			1260			974	691		
Target PPM 700	1599	1599				1781			1764			1363	968		
Target EC	2.28	2.28				2.54			2.52			1.95	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 (°C)	100	26-29		26-29		26-29
Night Temp (°C)		25-28		25-28		24-27
RH (%)		65-70		65-70		60-65
Day VPD (kPa)		1.1-1.2		1.1-1.2		1.3-1.4
PPFD		Increase from 200-500 depending on veg time		Increase from 800, ~5% per day, to reach 1050-1200		1050-1200
CO ₂ (PPM)		600		1100-1400		1100-1400
Substrate EC		<5		<8		<5

HPS						
Day Temp (°C)	100	25-27		25-27		25-26
Night Temp (°C)		24-26		24-26		23-25
RH (%)		65-70		65-70		60-65
Day VPD (kPa)		1.1		1.1		1.2-1.3
PPFD		Increase from 200-500 depending on veg time		Increase from 800, ~7% per day, to reach 950-1100		950-1100
CO ₂ (PPM)		600		1100-1400		1100-1400
Substrate EC		<5		<8		<5

notes

•If you are experiencing any issues, contact:

Jason:
@maxoutmgmt_

Travis:
@divergent_flowers2.0

notes

•LED leaf surface temperature should be 1-3°C 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 1-2°C 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
↓

proper Recommended for Soil, Coco, & Rockwool															units are in mL/L	
	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	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	2.1				
powder b	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	3.4	3.4	3.4	3.4	3.4			
powder c						2.1	2.1	2.1	4.5	4.5	4.5	4.5	4.5			
powder d	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	2.1	2.1			
Target PPM 500	1142	1142				1272			1260			974	691			
Target PPM 700	1599	1599				1781			1764			1363	968			
Target EC	2.28	2.28				2.54			2.52			1.95	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 (°C)		26-29				26-29			26-29			25-27	24-26	23-25		
Night Temp (°C)		25-28				25-28			24-27			23-26	21-24	20-22		
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 (°C)		25-27				25-27			25-26			25-26	23-24	23-24		
Night Temp (°C)		24-26				24-26			23-25			22-24	20-22	18-20		
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: 239 g/L
Powder B: 239 g/L
Powder C: 119 g/L
Powder D: 10.5 g/L

•Stock Target EC's:
Powder A: 256 EC
Powder B: 259 EC
Powder C: 118 EC
Powder D: 2.9 EC

•Blend stocks for 10 minutes and let sit for 10 minutes prior to use.

•Powder B & C may appear cloudy when initially mixed but will soon become transparent.

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°C less than ambient room temperature.

•HPS leaf surface temperature should be 1-4°C 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/L

	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	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	2.1			
powder b	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	3.4	3.4	3.4	3.4	3.4		
powder c						2.1	2.1	2.1	4.5	4.5	4.5	4.5	4.5		
powder d													2.1		
Target PPM 500	1142	1142				1272			1260			974	691		
Target PPM 700	1599	1599				1781			1764			1363	968		
Target EC	2.28	2.28				2.54			2.52			1.95	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 (°C)		26-29	26-29	26-29	25-27	24-26	23-25
Night Temp (°C)		25-28	25-28	24-27	23-26	21-24	20-22
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 (°C)		25-27	25-27	25-26	25-26	23-24	23-24
Night Temp (°C)		24-26	24-26	23-25	22-24	20-22	18-20
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

- Mix Powder A & D together at: 11.34 kg Powder A to 500 g Powder D.
- Combine A & D dry before blending stocks.
- Stock Concentrations:
Powder A: 239 g/L
Powder B: 239 g/L
Powder C: 119 g/L
Powder D: 10.5 g/L
- Stock Target EC's:
Powder A+D: 258.9 EC
Powder B: 259 EC
Powder C: 118 EC
Powder D: 2.9 EC
- Blend stocks for 10 minutes and let sit for 10 minutes prior to use.
- Powder B & C may appear cloudy when initially mixed but will soon become transparent.

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°C less than ambient room temperature.
- HPS leaf surface temperature should be 1-4°C less than ambient room temperature.
- Check apex of the plant, in full light, daily, two hours after lights turn on.