



← mix in order

proper

Recommended for Soil, Coco, & Rockwool

units are in g/L (Flow is 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	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	0.75	
powder b	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1	1	1	1	1	1	
powder c	0	0	0	0	0	0	0	0.5	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	0.05	0.025	
flow (optional)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5			
Target PPM 500	1426	1426				1426		1544					1257	
Target PPM 700	1996	1996				1996		2161					1760	
Target EC	2.85	2.85				2.85		3.09					2.51	
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		25-27
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	100	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)		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	100	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

- 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 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.



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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	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	3.25	
powder b	5.25	5.25	5.25	5.25	5.25	5.25	5.25	4.25	4.25	4.25	4.25	4.25	4.25	
powder c								4.25	4.25	4.25	4.25	4.25	4.25	
powder d	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	2.75	
flow (optional)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5			
Target PPM 500	1426	1426				1426		1544					1257	
Target PPM 700	1996	1996				1996		2161					1760	
Target EC	2.85	2.85				2.85		3.09					2.51	
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		25-27
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	100	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	100	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

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 1 mL/4L EC's:
Powder A: 0.072 EC
Powder B: 0.072 EC
Powder C: 0.033 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 1-3°C less than ambient room temperature.

•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.

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Recommended for Soil, Coco, & Rockwool

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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 + d	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	3.25	
powder b	5.25	5.25	5.25	5.25	5.25	5.25	5.25	4.25	4.25	4.25	4.25	4.25	4.25	
powder c								4.25	4.25	4.25	4.25	4.25	4.25	
flow (optional)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.25	5.25	5.25	5.25			
Target PPM 500	1426	1426				1426		1544					1257	
Target PPM 700	1996	1996				1996		2161					1760	
Target EC	2.85	2.85				2.85		3.09					2.51	
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			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)	100	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 1 mL/gal EC's:
Powder A+D: 0.072 EC
Powder B: 0.072 EC
Powder C: 0.033 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.

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mL	%	Ratio
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notes

- LED leaf surface temperature should be 1-3°C less than ambient room temperature.
- HPS leaf surface temperature should be 1-2°C less than ambient room temperature.
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