



## proper

Recommended for Soil, Coco, & Rockwool

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	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	0.27	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				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

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 <sub>2</sub> (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 <sub>2</sub> (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.

•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.



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

# POWDER

@drip\_hydro  
driphydro.com



## proper

Recommended for Soil, Coco, & Rockwool

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	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			
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														
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 <sub>2</sub> (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 <sub>2</sub> (PPM)		600				1100-1400			1100-1400			900-1000	800-900	700
Substrate EC		<5				<8			<5			<3	<3	<1

### concentrates

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

•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

### 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

@drip\_hydro  
driphydro.com



## proper

Recommended for Soil, Coco, & Rockwool

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	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			
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														
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 <sub>2</sub> (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 <sub>2</sub> (PPM)		600				1100-1400			1100-1400			900-1000	800-900	700
Substrate EC		<5				<8			<5			<3	<3	<1

### concentrates

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

•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.

### 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.