



mix in order ↓

stack		Recommended for Stacking in 6" Rockwool or 100% Coco 1 Gal												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	
powersi original	0.3	0.5	0.5	0.5	0.5										
camg	0.25-0.5	0.25-0.5	0.25-0.5	0.25-0.5	0.25-0.5	0.25-0.5	0.25-0.5	0.25-0.5	0.25-0.5	0.25-0.5	0.25-0.5	0.25-0.5	0.25-0.5		
base a	2.6	2.9	2.9	2.6	2.6	2.1	2.1	2.1	1.8	1.8	1.8	1.6			
base b	2.1	2.4	2.4	2.1	2.1	2.6	2.6	2.6	2.4	2.4	2.4	2.1			
flex						0.5	0.5	0.5	0.8	0.8	0.8	1.1	1.1		
Target PPM 500	895-945	985-1035		895-945		910-960			860-910			810-860	210-260		
Target PPM 700	1253-1323	1379-1449		1253-1323		1274-1344			1204-1274			1134-1204	294-364		
Target EC	1.79-1.89	1.97-2.07		1.79-1.89		1.82-1.92			1.72-1.82			1.62-1.72	0.42-0.52		
Target pH	5.5-5.6	5.5-6.5 (Coco & Rockwool)				5.5-6.5 (Coco & Rockwool)									
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	

- notes**
- Vegetative Dryback: Do not get water content under 25-30% of field capacity.
 - Vegetative EC Stack Point Targets: 4-6 EC at field capacity.
 - Generative Dryback: Do not get water content under 40-45% of field capacity.
 - Generative EC Stack Point Targets: 6-8 EC at field capacity.
 - We advise against stacking (crop steering) if you do not have the correct instruments such as moisture sensors and climate control.
 - In Coco, 0.5 mL/L of CaMg is recommended.
 - Certain cultivars will not require as much CaMg. Reduce to 0.25 mL/L or remove completely.
 - Use Flow once weekly.
 - Do not mix Flow with PowerSi.
 - Use PowerSi on the days you do not use Flow.
 - Do not use Flow if you are using beneficial bacteria.
 - Foliar PowerSi Original @0.5-1 mL/L once weekly.
 - 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.