



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	0.5	0.5	0.5	0.5	0.5																											
camg	1-2	1-2	1-2	1-2	1-2	1-2	1-2	1-2	1-2	1-2	1-2	1-2	1-2																			
base a	10	11	11	10	10	8	8	8	7	7	7	6																				
base b	8	9	9	8	8	10	10	10	9	9	9	8																				
flex						2	2	2	3	3	3	4	4																			
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 (°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																		

- 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, 2mL/gal of CaMg is recommended.
 - Certain cultivars will not require as much CaMg. Reduce to 1 mL/gal 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 @2-4 mL/gal once weekly.
 - 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.