

Light														
All measurements are mL per gallon														
MIXING ORDER	VEGETATIVE				FLOWER									
	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	
1 <sup>st</sup>	Use as pH up (Recommended for batch tank mixing and Dosatron. Do not use with NetaFlex)													
2 <sup>nd</sup>	Cleanse	2	2	2	2	2	2	2	2	2	2	2	10	
3 <sup>rd</sup>	CaMg	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3			
ANY ORDER ↓	Grow A	5	5	5	5									
	Grow B	5	5	5	5									
	Bloom A					7	7	7	7	7	6	3	2	
	Bloom B					7	7	7	7	7	6	3	2	
TARGETS	PK						3	5	7	8	10	8		
	EC	1.07	1.07	1.07	1.07	1.29	1.29	1.43	1.57	1.71	1.57	1.00	0.57	<0.1
	PPM 500	536	536	536	536	643	643	714	786	857	786	500	286	<50
	PPM 700	750	750	750	750	900	900	1000	1100	1200	1100	700	400	<70
	pH	5.4-6.0												

Normal														
All measurements are mL per gallon														
MIXING ORDER	VEGETATIVE				FLOWER									
	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	
1 <sup>st</sup>	Use as pH up (Recommended for batch tank mixing and Dosatron. Do not use with NetaFlex)													
2 <sup>nd</sup>	Cleanse	2	2	2	2	2	2	2	2	2	2	2	10	
3 <sup>rd</sup>	CaMg	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3			
ANY ORDER ↓	Grow A	6	6	6	6									
	Grow B	6	6	6	6									
	Bloom A					9	9	9	9	9	8	4	3	
	Bloom B					9	9	9	9	9	8	4	3	
TARGETS	PK						4	5	9	10	12	10		
	EC	1.2	1.2	1.2	1.2	1.8	1.8	2.0	2.1	2.2	2.1	1.5	1.0	<0.1
	PPM 500	600	600	600	600	900	900	1000	1050	1100	1050	750	500	<50
	PPM 700	840	840	840	840	1260	1260	1400	1470	1540	1470	1050	700	<70
	pH	5.4-6.0												

Heavy														
All measurements are mL per gallon														
MIXING ORDER	VEGETATIVE				FLOWER									
	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	
1 <sup>st</sup>	Use as pH up (Recommended for batch tank mixing and Dosatron. Do not use with NetaFlex)													
2 <sup>nd</sup>	Cleanse	2	2	2	2	2	2	2	2	2	2	2	10	
3 <sup>rd</sup>	CaMg	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3			
ANY ORDER ↓	Grow A	8	8	8	8									
	Grow B	8	8	8	8									
	Bloom A					11	11	12	12	10	9	4	3	
	Bloom B					11	11	12	12	10	9	4	3	
TARGETS	PK						4	6	9	10	12	10		
	EC	1.6	1.6	1.6	1.6	2.1	2.1	2.5	2.6	2.4	2.3	1.5	1.0	<0.1
	PPM 500	800	800	800	800	1050	1050	1250	1300	1200	1150	750	500	<50
	PPM 700	1120	1120	1120	1120	1470	1470	1750	1820	1680	1610	1050	700	<70
	pH	5.4-6.0												

Spray Schedule									
All measurements are mL per gallon									
	APPLICATION FREQUENCY	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	
IPM	Preventative	2x week	60-90	60-90	60-90	60-90	60-90	60-90	60-90
	Pressure	3x week	90-120	90-120	90-120	90-120	90-120	90-120	90-120
Stack		2x week		?	?	?	?	?	?
	Mix Together with IPM								

## STACK

**Application Timing:** Apply Stack from the second week of vegetative growth up to week 3 of flowering, or once plants stop growing vertically.

**Foliar Application:** Mix 7 mL per gallon of water and spray thoroughly twice weekly. Spray with lights off and allow to dry before turning on. Do not spray past week 3 of flower.

**Seed Treatment:** Mix 4 mL per gallon of water and soak seed for 1-2 minutes before planting. Stack increases germination rates and plant vigor.

## CLEANSE

### Irrigation System Maintenance

*Regular Use:* Mix 2-5 mL per gallon water in every irrigation.

*Severe Conditions:* Mix 10 mL per gallon water for combatting severe reservoir and growing media conditions.

### Media/System Flush

Mix 10 mL per gallon of water during the final flush to reduce mineral load in media and plant tissue.

### Cuttings/Clones

Mix 10 mL Cleanse per gallon of water. Dip fresh cuttings fully to improve cell health and increase immunity.

### Foliar Application

Mix 375 mL Cleanse per gallon of water and spray evenly. Test on a small area first to ensure no damage.

### Surface Treatment/Cleaning

Mix 375 mL Cleanse per gallon of water and spray all surfaces, tools, floors, and walls maintain a clean and trouble-free environment without toxic and dangerous chemicals.

## IPM

### Before application:

- Shake well before mixing
- Turn off fans to ensure even coverage
- Turn off lights to reduce risk of damage
- Saturate growing media with water

### During application:

- Wear appropriate protective gear (PPE)
- Evenly coat the entire plant from stem to leaves

Light															
Pro Line is in grams per gallon, Cleanse is mL per gallon.															
MIXING ORDER	VEGETATIVE				FLOWER										
	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		
1 <sup>st</sup>	<b>Balance</b>	Use as pH up (Recommended for batch tank mixing and Dosatron. Do not use with NetaFlex)													
2 <sup>nd</sup>	<b>Cleanse</b>	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	10	
3 <sup>rd</sup>	<b>Core</b>	1.2	1.2	1.2	1.2	1.8	1.8	1.8	1.8	1.8	1.8	1.8	0.9		
	<b>Grow</b>	2.0	2.0	2.0	2.0										
	<b>Bloom</b>					3.0	3.0	3.0	3.0	3.0	3.0	3.0	1.5		
TARGETS	<b>EC</b>	0.9	0.9	0.9	0.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.6	< 0.1	
	<b>PPM 500</b>	450	450	450	450	650	650	650	650	650	650	650	300	< 50	
	<b>PPM 700</b>	630	630	630	630	910	910	910	910	910	910	910	420	< 70	
	<b>pH</b>	5.4-6.0													

Normal															
Pro Line is in grams per gallon, Cleanse is mL per gallon.															
MIXING ORDER	VEGETATIVE				FLOWER										
	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		
1 <sup>st</sup>	<b>Balance</b>	Use as pH up (Recommended for batch tank mixing and Dosatron. Do not use with NetaFlex)													
2 <sup>nd</sup>	<b>Cleanse</b>	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	10	
3 <sup>rd</sup>	<b>Core</b>	2.1	2.1	2.1	2.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	1.5		
	<b>Grow</b>	3.5	3.5	3.5	3.5										
	<b>Bloom</b>					5.0	5.0	5.0	5.0	5.0	5.0	5.0	2.5		
TARGETS	<b>EC</b>	1.5	1.5	1.5	1.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	< 0.1	
	<b>PPM 500</b>	750	750	750	750	1000	1000	1000	1000	1000	1000	1000	500	< 50	
	<b>PPM 700</b>	1050	1050	1050	1050	1400	1400	1400	1400	1400	1400	1400	700	< 70	
	<b>pH</b>	5.4-6.0													

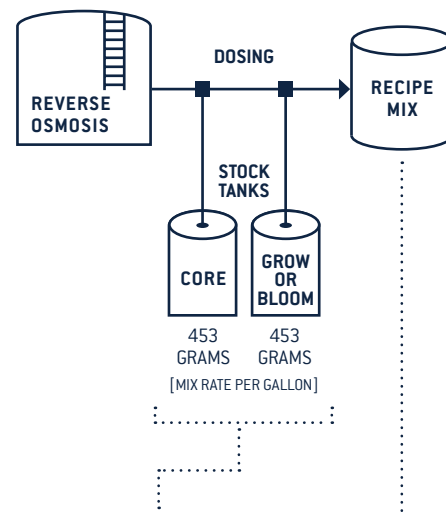
Heavy															
Pro Line is in grams per gallon, Cleanse is mL per gallon.															
MIXING ORDER	VEGETATIVE				FLOWER										
	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	FLUSH		
1 <sup>st</sup>	<b>Balance</b>	Use as pH up (Recommended for batch tank mixing and Dosatron. Do not use with NetaFlex)													
2 <sup>nd</sup>	<b>Cleanse</b>	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	10.0	
3 <sup>rd</sup>	<b>Core</b>	3.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	1.5		
	<b>Grow</b>	5.0	5.0	5.0	5.0										
	<b>Bloom</b>					6.7	6.7	6.7	6.7	6.7	6.7	6.7	2.5		
TARGETS	<b>EC</b>	2.0	2.0	2.0	2.0	2.7	2.7	2.7	2.7	2.7	2.7	2.7	1.0	< 0.1	
	<b>PPM 500</b>	1000	1000	1000	1000	1350	1350	1350	1350	1350	1350	1350	500	< 50	
	<b>PPM 700</b>	1400	1400	1400	1400	1890	1890	1890	1890	1890	1890	1890	700	< 70	
	<b>pH</b>	5.4-6.0													

Spray Schedule									
All measurements are mL per gallon									
		VEGETATIVE				FLOWER			
APPLICATION FREQUENCY		WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	
IPM	<b>Preventative</b>	2x week	60-90	60-90	60-90	60-90	60-90	60-90	60-90
	<b>Pressure</b>	3x week	90-120	90-120	90-120	90-120	90-120	90-120	90-120
Stack		2x week	?	?	?	?	?	?	?
Mix Together with IPM									

## STOCK TANK MIXING

### THE 1LB METHOD

- Mix 1lb of soluble powder per gallon of water.
- Never mix multiple products together in concentrated form.
- Use reverse osmosis (RO) water for all stock tank concentrate mixes.



SET DOSER TO		
CORE	GROW/BLOOM	EC
0.16%	0.27%	<b>0.5</b>
0.33%	0.56%	<b>1.0</b>
0.48%	0.80%	<b>1.5</b>
0.67%	1.10%	<b>2.0</b>
0.80%	1.33%	<b>2.5</b>
0.95%	1.60%	<b>3.0</b>

## TARGET EC REFERENCE

EC	PPM 500	PPM 700	GRAMS / GAL	
			CORE	GROW/BLOOM
<b>0.5</b>	250	350	0.7	1.2
<b>1.0</b>	500	700	1.5	2.5
<b>1.5</b>	750	1050	2.2	3.6
<b>2.0</b>	1000	1400	3.0	5.0
<b>2.5</b>	1250	1750	3.6	6.0
<b>3.0</b>	1500	2100	4.3	7.2
<b>3.5</b>	1750	2450	5.0	8.4
<b>4.0</b>	2000	2800	5.8	9.6

Light														
All measurements are mL per 10 L														
MIXING ORDER	VEGETATIVE				FLOWER									
	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	
1 <sup>st</sup>	Use as pH up (Recommended for batch tank mixing and Dosatron. Do not use with NetaFlex)													
2 <sup>nd</sup>	Cleanse	5	5	5	5	5	5	5	5	5	5	5	5	26
3 <sup>rd</sup>	CaMg	5-8	5-8	5-8	5-8	5-8	5-8	5-8	5-8	5-8	5-8			
ANY ORDER	Grow A	13	13	13	13									
	Grow B	13	13	13	13									
	Bloom A					19	19	19	19	19	16	8	5	
	Bloom B					19	19	19	19	19	16	8	5	
	PK						8	13	19	21	26	21		
TARGETS	EC	1.07	1.07	1.07	1.07	1.29	1.29	1.43	1.57	1.71	1.57	1.00	0.57	<0.1
	PPM 500	536	536	536	536	643	643	714	786	857	786	500	286	<50
	PPM 700	750	750	750	750	900	900	1000	1100	1200	1100	700	400	<70
	pH	5.4-6.0												

Normal														
All measurements are mL per 10 L														
MIXING ORDER	VEGETATIVE				FLOWER									
	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	
1 <sup>st</sup>	Use as pH up (Recommended for batch tank mixing and Dosatron. Do not use with NetaFlex)													
2 <sup>nd</sup>	Cleanse	5	5	5	5	5	5	5	5	5	5	5	5	26
3 <sup>rd</sup>	CaMg	5-8	5-8	5-8	5-8	5-8	5-8	5-8	5-8	5-8	5-8			
ANY ORDER	Grow A	16	16	16	16									
	Grow B	16	16	16	16									
	Bloom A					24	24	24	24	24	21	11	8	
	Bloom B					24	24	24	24	24	21	11	8	
	PK						11	13	24	26	32	26		
TARGETS	EC	1.2	1.2	1.2	1.2	1.8	1.8	2.0	2.1	2.2	2.1	1.5	1.0	<0.1
	PPM 500	600	600	600	600	900	900	1000	1050	1100	1050	750	500	<50
	PPM 700	840	840	840	840	1260	1260	1400	1470	1540	1470	1050	700	<70
	pH	5.4-6.0												

Heavy														
All measurements are mL per 10 L														
MIXING ORDER	VEGETATIVE				FLOWER									
	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	
1 <sup>st</sup>	Use as pH up (Recommended for batch tank mixing and Dosatron. Do not use with NetaFlex)													
2 <sup>nd</sup>	Cleanse	5	5	5	5	5	5	5	5	5	5	5	5	26
3 <sup>rd</sup>	CaMg	5-8	5-8	5-8	5-8	5-8	5-8	5-8	5-8	5-8	5-8			
ANY ORDER	Grow A	21	21	21	21									
	Grow B	21	21	21	21									
	Bloom A					29	29	32	32	26	24	11	8	
	Bloom B					29	29	32	32	26	24	11	8	
	PK						11	16	24	26	32	26		
TARGETS	EC	1.6	1.6	1.6	1.6	2.1	2.1	2.5	2.6	2.4	2.3	1.5	1.0	<0.1
	PPM 500	800	800	800	800	1050	1050	1250	1300	1200	1150	750	500	<50
	PPM 700	1120	1120	1120	1120	1470	1470	1750	1820	1680	1610	1050	700	<70
	pH	5.4-6.0												

Spray Schedule									
All measurements are mL per 10 L									
		VEGETATIVE				FLOWER			
APPLICATION FREQUENCY		WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	
IPM	Preventative	2x week	158-238	158-238	158-238	158-238	158-238	158-238	158-238
	Pressure	3x week	238-317	238-317	238-317	238-317	238-317	238-317	238-317
Stack		2x week		18	18	18	18	18	18
	Mix Together with IPM								

## STACK

**Application Timing:** Apply Stack from the second week of vegetative growth up to week 3 of flowering, or once plants stop growing vertically.

**Foliar Application:** Mix 20 mL per 10 L of water and spray thoroughly twice weekly. Spray with lights off and allow to dry before turning on. Do not spray past week 3 of flower.

**Seed Treatment:** Mix 10 mL per 10 L of water and soak seed for 1-2 minutes before planting. Stack increases germination rates and plant vigor.

## CLEANSE

### Irrigation System Maintenance

*Regular Use:* Mix 5 mL per 10 L water in every irrigation.

*Severe Conditions:* Mix 25 mL per 10 L water for combatting severe reservoir and growing media conditions.

### Media/System Flush

Mix 25 mL per 10 L of water during the final flush to reduce mineral load in media and plant tissue.

### Cuttings/Clones

Mix 25 mL Cleanse per 10 L of water. Dip fresh cuttings fully to improve cell health and increase immunity.

### Foliar Application

Mix 100 mL Cleanse per 1 L of water and spray evenly. Test on a small area first to ensure no damage.

### Surface Treatment/Cleaning

Mix 100 mL Cleanse per 1 L of water and spray all surfaces, tools, floors, and walls maintain a clean and trouble-free environment without toxic and dangerous chemicals.

## IPM

### Before application:

- Shake well before mixing
- Turn off fans to ensure even coverage
- Turn off lights to reduce risk of damage
- Saturate growing media with water

### During application:

- Wear appropriate protective gear (PPE)
- Evenly coat the entire plant from stem to leaves

Light															
Pro Line is in grams per 10 L, Cleanse and Stack are mL per 10 L															
MIXING ORDER	VEGETATIVE				FLOWER										
	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		
1 <sup>st</sup>	<b>Balance</b>	Use as pH up (Recommended for batch tank mixing and Dosatron. Do not use with NetaFlex)													
2 <sup>nd</sup>	<b>Cleanse</b>	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	26	
3 <sup>rd</sup>	<b>Core</b>	3.2	3.2	3.2	3.2	4.8	4.8	4.8	4.8	4.8	4.8	4.8	2.4		
	<b>Grow</b>	5.0	5.0	5.0	5.0										
	<b>Bloom</b>					7.9	7.9	7.9	7.9	7.9	7.9	7.9	4.0		
TARGETS	<b>EC</b>	0.9	0.9	0.9	0.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.6	< 0.1	
	<b>PPM 500</b>	450	450	450	450	650	650	650	650	650	650	650	300	< 50	
	<b>PPM 700</b>	630	630	630	630	910	910	910	910	910	910	910	420	< 70	
	<b>pH</b>	5.4-6.0													

Normal															
Pro Line is in grams per 10 L, Cleanse and Stack are mL per 10 L															
MIXING ORDER	VEGETATIVE				FLOWER										
	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		
1 <sup>st</sup>	<b>Balance</b>	Use as pH up (Recommended for batch tank mixing and Dosatron. Do not use with NetaFlex)													
2 <sup>nd</sup>	<b>Cleanse</b>	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	26	
3 <sup>rd</sup>	<b>Core</b>	5.5	5.5	5.5	5.5	7.9	7.9	7.9	7.9	7.9	7.9	7.9	4.0		
	<b>Grow</b>	9.2	9.2	9.2	9.2										
	<b>Bloom</b>					13.2	13.2	13.2	13.2	13.2	13.2	13.2	6.6		
TARGETS	<b>EC</b>	1.5	1.5	1.5	1.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	< 0.1	
	<b>PPM 500</b>	750	750	750	750	1000	1000	1000	1000	1000	1000	1000	500	< 50	
	<b>PPM 700</b>	1050	1050	1050	1050	1400	1400	1400	1400	1400	1400	1400	700	< 70	
	<b>pH</b>	5.4-6.0													

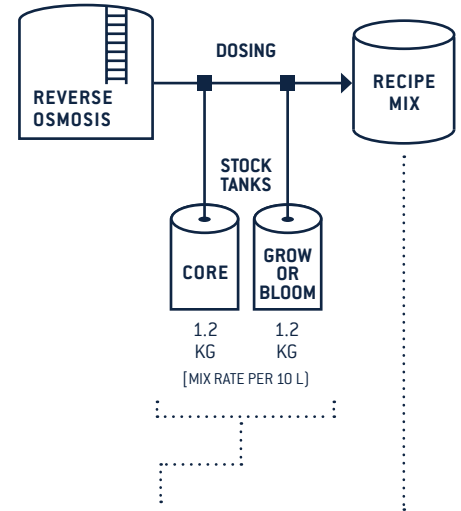
Heavy															
Pro Line is in grams per 10 L, Cleanse and Stack are mL per 10 L															
MIXING ORDER	VEGETATIVE				FLOWER										
	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	FLUSH		
1 <sup>st</sup>	<b>Balance</b>	Use as pH up (Recommended for batch tank mixing and Dosatron. Do not use with NetaFlex)													
2 <sup>nd</sup>	<b>Cleanse</b>	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	26	
3 <sup>rd</sup>	<b>Core</b>	7.9	7.9	7.9	7.9	10.6	10.6	10.6	10.6	10.6	10.6	10.6	4.0		
	<b>Grow</b>	13.2	13.2	13.2	13.2										
	<b>Bloom</b>					17.7	17.7	17.7	17.7	17.7	17.7	17.7	6.6		
TARGETS	<b>EC</b>	2.0	2.0	2.0	2.0	2.7	2.7	2.7	2.7	2.7	2.7	2.7	1.0	< 0.1	
	<b>PPM 500</b>	1000	1000	1000	1000	1350	1350	1350	1350	1350	1350	1350	500	< 50	
	<b>PPM 700</b>	1400	1400	1400	1400	1890	1890	1890	1890	1890	1890	1890	700	< 70	
	<b>pH</b>	5.4-6.0													

Spray Schedule									
All measurements are mL per 10 L									
		VEGETATIVE				FLOWER			
APPLICATION FREQUENCY		WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	
IPM	Preventative	2x week	158-238	158-238	158-238	158-238	158-238	158-238	158-238
	Pressure	3x week	238-317	238-317	238-317	238-317	238-317	238-317	238-317
Stack		2x week		18	18	18	18	18	18
Mix Together with IPM									

## STOCK TANK MIXING

### THE 1.2KG METHOD

- Mix 1.2 kg of soluble powder per 10 L of water.
- Never mix multiple products together in concentrated form.
- Use reverse osmosis (RO) water for all stock tank concentrate mixes.



SET DOSER TO		
CORE	GROW/BLOOM	EC
0.16%	0.27%	<b>0.5</b>
0.33%	0.56%	<b>1.0</b>
0.48%	0.80%	<b>1.5</b>
0.67%	1.10%	<b>2.0</b>
0.80%	1.33%	<b>2.5</b>
0.95%	1.60%	<b>3.0</b>

## TARGET EC REFERENCE

EC	PPM 500	PPM 700	GRAMS / 3.79L	
			CORE	GROW/BLOOM
<b>0.5</b>	250	350	0.7	1.2
<b>1.0</b>	500	700	1.5	2.5
<b>1.5</b>	750	1050	2.2	3.6
<b>2.0</b>	1000	1400	3.0	5.0
<b>2.5</b>	1250	1750	3.6	6.0
<b>3.0</b>	1500	2100	4.3	7.2
<b>3.5</b>	1750	2450	5.0	8.4
<b>4.0</b>	2000	2800	5.8	9.6