

Light <span style="float: right;">All measurements are mL per gallon</span>														
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>	Cleanse	2	2	2	2	2	2	2	2	2	2	2	2	10
2 <sup>nd</sup>	Balance	Use as pH up (Recommended for batch tank mixing and Dosatron. Do not use with NetaFlex)												
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	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	
	PK							3	5	7	8	10	8	
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 <span style="float: right;">All measurements are mL per gallon</span>														
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>	Cleanse	2	2	2	2	2	2	2	2	2	2	2	2	10
2 <sup>nd</sup>	Balance	Use as pH up (Recommended for batch tank mixing and Dosatron. Do not use with NetaFlex)												
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	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	
	PK							4	5	9	10	12	10	
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 <span style="float: right;">All measurements are mL per gallon</span>														
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>	Cleanse	2	2	2	2	2	2	2	2	2	2	2	2	10
2 <sup>nd</sup>	Balance	Use as pH up (Recommended for batch tank mixing and Dosatron. Do not use with NetaFlex)												
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	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	
	PK							4	6	9	10	12	10	
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 <span style="float: right;">All measurements are mL per gallon</span>									
		VEGETATIVE				FLOWER			
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		1x week				?	?	?	?
Mix Together with IPM									

## STACK

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

**Root Drench:** Mix 1-2 mL per gallon of water in a weekly mix. May be mixed with regular fertilizer recipe. Add last to reservoir.

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

**Transplant Use:** Mix 2 mL per gallon of water and bare root soak for 30-60 seconds prior to transplanting or water in solution after transplanting. Stack reduces transplant stress and improves plant vigor.

**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.

**\*Apply Stack once weekly as a root drench or foliar.**

## 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>	Cleanse	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
2 <sup>nd</sup>	Balance	Use as pH up (Recommended for batch tank mixing and Dosatron. Do not use with NetaFlex)												
3 <sup>rd</sup>	Core	1.2	1.2	1.2	1.2	1.8	1.8	1.8	1.8	1.8	1.8	1.8	0.9	
	Grow	2.0	2.0	2.0	2.0									
	Bloom					3.0	3.0	3.0	3.0	3.0	3.0	3.0	1.5	
TARGETS	EC	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
	PPM 500	450	450	450	450	650	650	650	650	650	650	650	300	< 50
	PPM 700	630	630	630	630	910	910	910	910	910	910	910	420	< 70
	pH	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>	Cleanse	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
2 <sup>nd</sup>	Balance	Use as pH up (Recommended for batch tank mixing and Dosatron. Do not use with NetaFlex)												
3 <sup>rd</sup>	Core	2.1	2.1	2.1	2.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	1.5	
	Grow	3.5	3.5	3.5	3.5									
	Bloom					5.0	5.0	5.0	5.0	5.0	5.0	5.0	2.5	
TARGETS	EC	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
	PPM 500	750	750	750	750	1000	1000	1000	1000	1000	1000	1000	500	< 50
	PPM 700	1050	1050	1050	1050	1400	1400	1400	1400	1400	1400	1400	700	< 70
	pH	5.4-6.0												

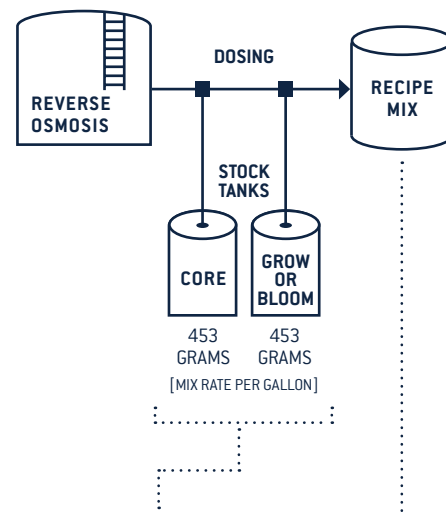
Heavy														
Pro Line is in grams per gallon, Cleanse is mL per gallon.														
MIXING ORDER	VEGETATIVE				FLOWER									
	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	FLUSH	
1 <sup>st</sup>	Cleanse	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	10.0
2 <sup>nd</sup>	Balance	Use as pH up (Recommended for batch tank mixing and Dosatron. Do not use with NetaFlex)												
3 <sup>rd</sup>	Core	3.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	1.5	
	Grow	5.0	5.0	5.0	5.0									
	Bloom					6.7	6.7	6.7	6.7	6.7	6.7	6.7	2.5	
TARGETS	EC	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
	PPM 500	1000	1000	1000	1000	1350	1350	1350	1350	1350	1350	1350	500	< 50
	PPM 700	1400	1400	1400	1400	1890	1890	1890	1890	1890	1890	1890	700	< 70
	pH	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	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		1x 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%	0.5
0.33%	0.56%	1.0
0.48%	0.80%	1.5
0.67%	1.10%	2.0
0.80%	1.33%	2.5
0.95%	1.60%	3.0

## TARGET EC REFERENCE

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