

Normal

All measurements are mL per 10 L

	VEGETATIVE				FLOWER								FLUSH	
	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8		
DOSAGES	Cleanse	5	5	5	5	5	5	5	5	5	5	5	5	25
	CaMg	7	7	7	7	7	7	7	7	7	7	7		
	Grow A	11	12	13	13									
	Grow B	11	12	13	13									
	Bloom A					16	18	18	18	18	16	8	5	
	Bloom B					16	18	18	18	18	16	8	5	
	PK							8	13	18	21	26	21	
	Stack*				3	3	3	3	3	3				
TARGETS	EC	0.9	1.0	1.1	1.1	1.1	1.3	1.4	1.6	1.7	1.6	1.0	0.6	<0.1
	PPM 500	450	500	550	550	600	650	750	800	850	800	600	300	<50
	PPM 700	630	700	770	770	840	910	1050	1120	1190	1120	840	420	<70
	PH	5.4-6.0											5.2-5.8	

STACK

Application Timing: Apply Stack from the final week of vegetative growth to week 4-5 of flowering, or once plants stop growing vertically.

Root Drench: Mix 3 mL per 10 L of water in a weekly mix. May be mixed with regular fertilizer recipe. Add last to reservoir.

Foliar Application: Mix 20 mL per 10 L 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 5 mL per 10 L 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 10 mL per 10 L 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. 3mL is the rate for root feeding.**

Heavy

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	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8		
DOSAGES	Cleanse	5	5	5	5	5	5	5	5	5	5	5	5	25
	CaMg	7	7	7	7	8	8	8	8	8	8	3		
	Grow A	11	12	13	13									
	Grow B	11	12	13	13									
	Bloom A					16	21	21	24	24	21	11	8	
	Bloom B					16	21	21	24	24	21	11	8	
	PK							11	16	24	36	32	26	
	Stack*				3	3	3	3	3	3				
TARGETS	EC	0.9	1.0	1.1	1.1	1.2	1.5	1.8	2.0	2.1	2.0	1.3	1.0	<0.1
	PPM 500	450	500	550	550	600	750	900	1000	1050	1000	650	500	<50
	PPM 700	630	700	770	770	840	1050	1260	1400	1470	1400	910	700	<70
	PH	5.4-6.0											5.2-5.8	

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.

Measurement Conversions

VOLUME CONVERSIONS					WEIGHT CONVERSIONS		
MILLILITER	TEASPOON	FLUID OUNCE	GALLON	LITER	GRAM	OUNCE	POUND
1.0	0.2	-	1	3.8	10	0.35	-
5	1	0.2	5	18.9	300	10.6	0.7
29.6	6	1	100	378.5	500	17.6	1.1
100	16.7	2.8	264	1000	1134	40	2.5

For specific feeding instructions and information visit athenaproducts.com/feed-schedules

Best Practices

Shake well before use.

Use clean measuring instruments—do not put anything into the bottle or pail.

To increase target EC always add equal amounts A/B.

Do not combine any products in undiluted form.

Store closed in original packaging at a temperature between 7° C and 30° F.

Some applications may require different dosages, based on cultivar and method.

Light

Pro Line is in grams per 10 L, Cleanse and Stack are mL per 10 L

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	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8		
DOSAGES														
Cleanse	5	5	5	5	5	5	5	5	5	5	5	5	5	25
Core	3.2	3.2	3.2	3.2	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	2.4	
Grow	5.3	5.3	5.3	5.3										
Bloom					8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	4.0	
Stack*				3	3	3	3	3	3	3				
TARGETS														
EC	0.9	0.9	0.9	0.9	1.3	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	650	300	< 50
PPM 700	630	630	630	630	910	910	910	910	910	910	910	910	420	< 70
PH	5.4-6.0												5.2-5.8	

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	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8		
DOSAGES														
Cleanse	5	5	5	5	5	5	5	5	5	5	5	5	5	25
Core	5.7	5.7	5.7	5.7	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	4.0	
Grow	9.5	9.5	9.5	9.5										
Bloom					13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	6.6	
Stack*				3	3	3	3	3	3	3				
TARGETS														
EC	1.5	1.5	1.5	1.5	2.0	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	1000	500	< 50
PPM 700	1050	1050	1050	1050	1400	1400	1400	1400	1400	1400	1400	1400	700	< 70
PH	5.4-6.0												5.2-5.8	

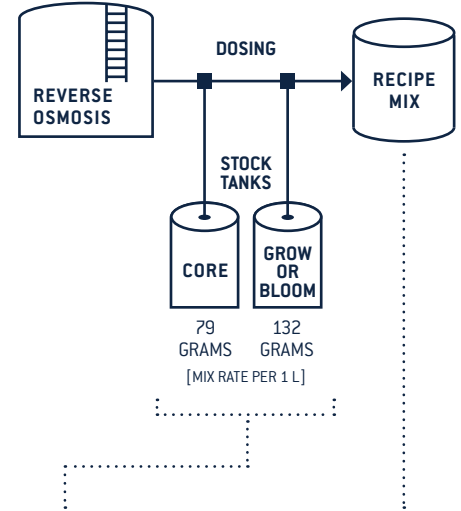
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	VEGETATIVE				FLOWER								FLUSH	
	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8		
DOSAGES														
Cleanse	5	5	5	5	5	5	5	5	5	5	5	5	5	25
Core	8.0	8.0	8.0	8.0	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	4.0	
Grow	13.2	13.2	13.2	13.2										
Bloom					17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	6.6	
Stack*				3	3	3	3	3	3	3				
TARGETS														
EC	2.0	2.0	2.0	2.0	2.7	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	1350	500	< 50
PPM 700	1400	1400	1400	1400	1890	1890	1890	1890	1890	1890	1890	1890	700	< 70
PH	5.4-6.0												5.2-5.8	

STOCK TANK INSTRUCTIONS

- Mixing concentrate solution more than 190 grams per Liter requires agitation.
- Concentrate may be up to 300 grams per Liter water.
- Never mix multiple products together in concentrated form.
- Use reverse osmosis (RO) water for all stock tank



INJECTION RATIO	GRAMS / 10 LITER OUTPUT		EC
	CORE	GROW / BLOOM	
1:75	10.6	17.6	2.7
1:100	7.9	13.2	2.0
1:112	7.1	11.8	1.8
1:128	6.2	10.3	1.6
1:150	5.3	8.8	1.4
1:200	4.0	6.6	1.0

TARGET EC REFERENCE

EC	PPM 500	PPM 700	GRAMS / 10 LITER	
			CORE	GROW/ BLOOM
0.5	250	350	1.9	3.2
1.0	500	700	4.0	6.6
1.5	750	1050	5.7	9.5
2.0	1000	1400	8.0	13.2
2.5	1250	1750	9.5	15.9
3.0	1500	2100	11.4	19.1
3.5	1750	2450	13.3	22.2
4.0	2000	2800	15.2	25.4