

GENERAL HYDROPONICS®

COCOTEK® PREMIUM NUTRIENT

All amounts per 3.79 Liters (1 US Gallon)

All Amounts per 3.79 Liters (1 US Gallon)

Recirculating Nutrient Solution Tips:

- Keep nutrient solution temperature below 75° F (24° C).
- Change nutrient solution every 7-10 days and top off with fresh water between nutrient changes.
- Keep nutrient solution aerated.
- For best results maintain nutrient solution pH between 5.5 - 6.5.

Drain to Waste Nutrient Solution Tips:

- Keep nutrient solution temperature below 75° F (24° C).
- Allow 5% - 25% runoff during each irrigation.
- Consider fresh water irrigation after 1 - 3 nutrient applications.
- To flush apply fresh water irrigation after three nutrient applications to flush excess mineral accumulation.
- Keep nutrient solution aerated.
- For best results maintain nutrient solution pH between 5.5 - 6.5.

Troubleshooting factors to consider:

- Arid, bright, hot environments cause plants to drink more than if they are grown where it's humid, dim, and cool. Thus gardeners should use less concentrated nutrient solutions when growing conditions are more intense in order to lessen the risk of overfeeding.
- The pH (acidity or alkalinity) of a nutrient solution affects the availability of the elements contained within. Use GH pH adjusters to maintain nutrient pH between 5.5 - 6.5.

Which comes first, Armor Si or CALiMAGic?

- When using both **Armor Si** and **CALiMAGic**, add **Armor Si** to the reservoir **first**.
- When using **Armor Si** and/or **CALiMAGic**, with **Flora Series**, these products should be added **prior to adding FloraMicro**.

Feeding Program

		GROWTH (18h photoperiod)			BLOOM (12h photoperiod)										
		WEEK # GROWTH STAGE: PPM - RO WATER:	1 Seedling 450-550	2 Early Growth 900-1000	3 Late Growth 1100-1300	4 Transition 1100-1300	5 Early Bloom 1200-1400	6 Early Bloom 1200-1400	7 Mid Bloom 1200-1400	8 Mid Bloom 1250-1450	9 Mid Bloom 1250-1450	10 Late Bloom 1250-1450	11 Ripen 800-1250	12 Flush 0-50	
simple program	expert program	Base Nutrient	CT Grow-A	5ml	10ml	12.5ml	12.5ml	7.5ml	~	~	~	~	~	~	
			CT Grow-B	5ml	10ml	12.5ml	12.5ml	7.5ml	~	~	~	~	~	~	
			CT Bloom-A	~	~	~	~	7.5ml	15ml	15ml	15ml	15ml	15ml	10ml	~
			CT Bloom-B	~	~	~	~	7.5ml	15ml	15ml	15ml	15ml	15ml	10ml	~
		Roots	Rapid Start	~	2.5ml	2.5ml	1ml	1ml	1ml	~	~	~	~	~	~
		Weight	Liquid KoolBloom	~	~	~	~	1ml	2.5ml	2.5ml	2.5ml	5ml	5ml	~	~
		Aroma	Floralicious Plus	~	1ml	1ml	1ml	1ml	1ml	1ml	1ml	1ml	1ml	1ml	~
		Flush	FloraKleen	~	~	~	~	~	~	~	~	~	~	~	10ml
		Aroma	Diamond Nectar	5ml	10ml	10ml	5ml	5ml	5ml	5ml	5ml	~	~	~	~
		Weight	FloraBlend	10ml	10ml	10ml	5ml	5ml	5ml	~	~	~	~	~	~
		Flavor	FloraNectar	~	~	~	5ml	5ml	5ml	10ml	10ml	10ml	10ml	10ml	~
		Ripening	Dry KoolBloom	~	~	~	~	~	~	~	~	~	~	0.5tsp	~
		Defense	Armor Si	~	1.5ml	2ml	2.5ml	2.5ml	2.5ml	2.5ml	2.5ml	2ml	1.5ml	~	~

CREATE YOUR OWN FEEDCHART

Personalized Program

		GROWTH (18h photoperiod)			BLOOM (12h photoperiod)									
		WEEK #	1	2	3	4	5	6	7	8	9	10	11	12
		GROWTH STAGE:	Seedling	Early Growth	Late Growth	Transition	Early Bloom	Early Bloom	Mid Bloom	Mid Bloom	Mid Bloom	Late Bloom	Ripen	Flush
simple program	expert program	Base Nutrient	CT Grow-A											
			CT Grow-B											
			CT Bloom-A											
			CT Bloom-B											
	simple program	Roots	Rapid Start											
		Weight	Liquid KoolBloom											
		Aroma	Floralicious Plus											
		Flush	FloraKleen											
		Aroma	Diamond Nectar											
		Weight	FloraBlend											
		Flavor	FloraNectar											
		Ripening	Dry KoolBloom											
		Defense	Armor Si											

Useful Conversions

1 TSP	=	5 ml
1 TBSP	=	15 ml
1 oz	=	30 ml
1 Qt	=	946 ml
1 Gal	=	3.785 L
1 Gal	=	128 oz