

GENERAL HYDROPONICS®

FLORADUO®

All amounts per 3.79 Liters (1 US Gallon)

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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.

Drain To Waste Program

Drain To Waste Program			GROWTH (18h photoperiod)			BLOOM (12h photoperiod)									
			WEEK # GROWTH STAGE: PPM RANGE:	1 Seedling 250-300	2 Early Growth 550-700	3 Late Growth 750-1000	4 Transition 600-800	5 Early Bloom 700-950	6 Early Bloom 750-1000	7 Mid Bloom 750-1000	8 Mid Bloom 750-1000	9 Mid Bloom 750-1000	10 Late Bloom 750-900	11 Ripen 300-500	12 Flush 0-50
simple program	expert program	Base Nutrient	FloraDuo A	2.5ml	5ml	7.5ml	5ml	5ml	5ml	5ml	5ml	5ml	5ml	1ml	~
			FloraDuo B	1ml	2.5ml	2.5ml	5ml	7.5ml	7.5ml	7.5ml	7.5ml	7.5ml	7.5ml	5ml	~
		Roots	RapidStart	~	2.5ml	2.5ml	1ml	1ml	1ml	1ml	1ml	1ml	~	~	~
		Weight	Liquid KoolBloom	~	~	~	~	1ml	2ml	2ml	2ml	2.5ml	2.5ml	~	~
		Aroma	Floralicious Plus	~	1ml	1ml	1ml	1ml	1ml	1ml	1ml	1ml	1ml	~	
		Flush	FloraKleen	~	~	~	~	~	~	~	~	~	~	10ml	
		Defense	Armor Si	~	0.5ml	1ml	1.5ml	1.5ml	1.5ml	1.5ml	1.5ml	1ml	0.5ml	~	~
		Weight	Diamond Nectar	2.5ml	5ml	5ml	2.5ml	2.5ml	2.5ml	2.5ml	2.5ml	~	~	~	~
		Vigor	CALiMAGic	~	1.5ml	2.5ml	2.5ml	2.5ml	2.5ml	2.5ml	2.5ml	2.5ml	1.5ml	~	~
		Aroma	FloraBlend	5ml	5ml	5ml	2.5ml	2.5ml	2.5ml	~	~	~	~	~	~
		Flavor	FloraNectar	~	~	~	2.5ml	2.5ml	2.5ml	5ml	5ml	5ml	5ml	5ml	~
		Ripening	Dry KoolBloom	~	~	~	~	~	~	~	~	~	~	0.25tsp	~

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**.

CREATE YOUR OWN FEEDCHART

Personalized Program

Personalized Program			GROWTH (18h photoperiod)			BLOOM (12h photoperiod)								
			1 Seedling	2 Early Growth	3 Late Growth	4 Transition	5 Early Bloom	6 Early Bloom	7 Mid Bloom	8 Mid Bloom	9 Mid Bloom	10 Late Bloom	11 Ripen	12 Flush
simple program	expert program	Base Nutrient	FloraDuo A											
			FloraDuo B											
		Roots	RapidStart											
		Weight	Liquid KoolBloom											
		Aroma	Floralicious Plus											
		Flush	FloraKleen											
		Defense	Armor Si											
		Weight	Diamond Nectar											
		Vigor	CALiMAGic											
		Aroma	FloraBlend											
		Flavor	FloraNectar											
		Ripening	Dry KoolBloom											

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