GENERAL HYDROPONICS®

FLORADUO®
Drain To Waste Program
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.

			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
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	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	~

(left margin: simple program / expert program)

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

			GROWTH (18h photoperiod)			BLOOM (12h photoperiod)								
		WEEK # **GROWTH STAGE:** **PPM RANGE:**	**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
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