

# GENERAL HYDROPONICS®

## MAXI SERIES® All amounts per 3.79 Liters (1 US Gallon)

### Recirculating Program



		GROWTH (18h photoperiod)						BLOOM (12h photoperiod)						
WEEK # GROWTH STAGE: PPM RANGE:		1 Seedling 350-450	2 Early Growth 800-1050	3 Late Growth 1000-1400	4 Transition 1050-1400	5 Early Bloom 1050-1400	6 Early Bloom 1050-1400	7 Mid Bloom 1050-1300	8 Mid Bloom 1050-1300	9 Late Bloom 1100-1400	10 Late Bloom 1000-1200	11 Ripen 400-750	12 Flush 0-50	
simple program	expert program	Base Nutrient	MaxiGro	0.5tsp	1tsp	1.5tsp	1tsp	~	~	~	~	~	~	
			MaxiBloom	~	~	~	0.5tsp	1.5tsp	1.5tsp	1.5tsp	1.5tsp	1.5tsp	0.5tsp	~
		Roots	RapidStart	~	2.5ml	2.5ml	1ml	1ml	1ml	1ml	1ml	~	~	
		Weight	Liquid KoolBloom	~	~	~	~	1ml	1ml	1ml	2.5ml	2.5ml	~	
		Aroma	Floralicious Plus	~	1ml	1ml	1ml	1ml	1ml	1ml	1ml	1ml	~	
		Flush	FloraKleen	~	~	~	~	~	~	~	~	~	10ml	
		Defense	Armor Si	~	1.5ml	2ml	2.5ml	2.5ml	2.5ml	2.5ml	2ml	1.5ml	~	~
		Weight	Diamond Nectar	5ml	10ml	10ml	5ml	5ml	5ml	5ml	~	~	~	~
		Vigor	CALIMAGic	~	2.5ml	5ml	5ml	5ml	5ml	5ml	5ml	2.5ml	~	~
		Aroma	FloraBlend	10ml	10ml	10ml	5ml	5ml	5ml	~	~	~	~	~
		Flavor	FloraNectar	~	~	~	5ml	5ml	5ml	10ml	10ml	10ml	10ml	~
		Ripening	Dry KoolBloom	~	~	~	~	~	~	~	~	~	0.5tsp	~

#### 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.

#### 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.

#### 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

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## MAXI SERIES® All amounts per 3.79 Liters (1 US Gallon)

### Drain To Waste Program

		GROWTH (18h photoperiod)				BLOOM (12h photoperiod)								
		1	2	3	4	5	6	7	8	9	10	11	12	
		Seedling	Early Growth	Late Growth	Transition	Early Bloom	Early Bloom	Mid Bloom	Mid Bloom	Late Bloom	Late Bloom	Ripen	Flush	
		150-200	400-450	600-800	600-800	500-750	550-800	550-750	550-750	500-700	550-700	300-500	0-50	
		WEEK #												
		GROWTH STAGE:												
		PPM RANGE:												
simple program	expert program	Base Nutrient	MaxiGro	0.25tsp	0.5tsp	0.75tsp	0.5tsp	~	~	~	~	~	~	~
			MaxiBloom	~	~	~	0.25tsp	0.75tsp	0.75tsp	0.75tsp	0.75tsp	0.75tsp	0.5tsp	~
		Roots	RapidStart	~	2.5ml	2.5ml	1ml	1ml	1ml	1ml	1ml	1ml	~	~
		Weight	Liquid KoolBloom	~	~	~	~	1ml	1ml	1ml	1ml	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

#### 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.

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