



**GENERAL
HYDROPONICS®**

FLORA SERIES®



The Original

Like people, plants benefit from an appropriate diet. But different types of plants have significantly different nutrient needs, which change during each growth cycle. So what's the best way to keep your fruits, vegetables, and flowers thriving?

At General Hydroponics, we wrestled with that question four decades ago. Our solution: **Flora Series**.

First formulated in 1976, Flora Series is the original three-part hydroponic-based nutrient system. And thanks to its ingredients, consistent performance, and spectacular results, it's one of our most-used nutrients today.



FloraBloom® 0-5-4

Packed with phosphorus, potassium, magnesium, and sulfur to help boost results during fruiting and flowering.



FloraGro® 2-1-6

Blended with nitrogen, phosphorus, potassium, and magnesium to encourage structural and foliar growth.



FloraMicro® 5-0-1

Rich in nitrogen, calcium, and chelated micronutrients to help support fast-growing crops during all stages of growth.

Benefits

By using different combinations of these products, you can help to fulfill each plant's nutrient needs based on its growth stage and environment. Your plants will receive an ideal blend of primary nutrients, secondary nutrients, and micronutrients — and the results will show. Get ready for vigorous plants with large flowers and impressive yields.

For Best Results

- Use a conductivity or PPM meter to monitor water quality and control nutrient strength. Drain, discard, and replace nutrient solution every week or two to prevent nutrient imbalance.
- Maintain a nutrient solution pH of 5.5 to 6.5. Adjustments may be necessary since water quality and pH vary by region and season.
- Refer to the **Applications Table** for mixing recommendations. Please measure accurately. Reduce nutrient strength if plants show signs of stress or are growing in very bright, dry, or hot environments.
- Always add FloraMicro to fresh water first, stir well, and then add FloraGro and/or FloraBloom.



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All amounts per 3.79 liters (1 U.S. gallon)

	MEDIUM FEED												
	GROW (18H PHOTOPERIOD)				BLOOM (12H PHOTOPERIOD)								
Week	1	2	3	4	1	2	3	4	5	6	7	8	9
Growth stage	Seedling/Clone	Early Growth	Early Growth	Late Growth	Early Bloom	Early Bloom	Mid Bloom	Mid Bloom	Mid Bloom	Late Bloom	Late Bloom	Ripen	Flush
Total Nitrogen (ppm)	50	125	160	190	145	145	110	110	110	80	80	70	
EC range (mS/cm)	0.5-0.6	1.1-1.3	1.4-1.8	1.7-2.1	1.7-2.0	1.7-2.0	1.6-2.0	1.6-2.0	1.6-2.0	1.2-1.4	1.2-1.4	1.0-1.2	
PPM range (500 scale)	250-350	550-700	700-900	850-1050	800-1050	800-1050	800-1000	800-1000	800-1000	550-750	550-750	500-650	
BASE NUTRIENTS	FloraMicro (mL/gal)	1.9	2.8	4.7	5.7	4.7	4.7	2.8	2.8	2.8	2.8	2.8	2.8
	FloraGro (mL/gal)	1.9	4.7	5.7	6.6	3.8	3.8	4.7	4.7	4.7	2.3	2.3	1.5
	FloraBloom (mL/gal)	1.9	2.3	2.8	3.8	6.6	6.6	6.1	6.1	6.1	2.8	2.8	2.3
PRO PERFORMANCE PACK	CALiMAGic (mL/gal)*		1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.0	1.0	
	Floralicious Plus (mL/gal)		1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
	Liquid KoolBloom (mL/gal)					1.0	1.0	1.0	1.0	1.0	1.9		
	RapidStart (mL/gal)	1.0	1.0	1.0	1.0	1.0	1.0						
CUSTOMIZED PERFORMANCE	Ripen (mL/gal)											4.0	5.0
	Armor Si (mL/gal)		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
	FloraKleen (mL/gal)												10.0

*Adjust as needed



Feed Chart / Applications Table



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TABLA DE
FERTILIZACIÓN

TABLEAU DES DOSES
PRESCRITES DE FERTILISATION

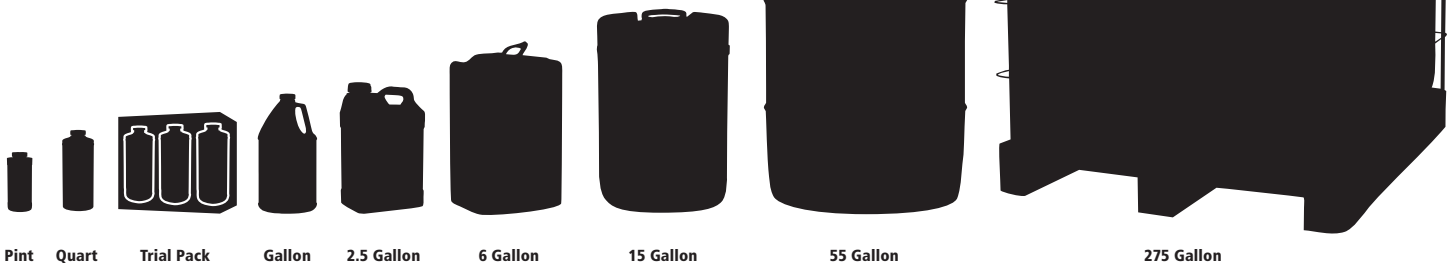
肥料计划信息表

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Feeding charts are recommendations only. Adjustments may be needed based upon crop type grown, environmental conditions, individual grow structure, and use of additional products. Actual results may vary.

Available sizes



At General Hydroponics, we've been making - and perfecting - hydroponic cultivation formulas for more than 45 years.
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For more information, or to download feedcharts, visit: GeneralHydroponics.com