

# Flora Series®

## Expert Drain To Waste

- Can be soil, soilless, coco or hydroponic.
- Nutrients are not reused.

GROWTH PHASE 18 HOUR PHOTOPERIOD	WEEK 1 200 - 400 total ppm	Seedling	1ml	2ml	1ml	2.5ml	2.5ml	~	1ml	5ml	~	~	~
	WEEK 2* 500 - 700 total ppm	Early Growth	5ml	4ml	1ml	2.5ml	5ml	~	1ml	5ml	~	~	~
	WEEK 3* 600 - 800 total ppm	Late Growth	5ml	5ml	2.5ml	2.5ml	5ml	~	1ml	5ml	~	~	~
BLOOM PHASE 12 HOUR PHOTOPERIOD	WEEK 4 600 - 800 total ppm	Transition	4ml	4ml	4ml	1ml	2.5ml	~	1ml	2.5ml	2.5ml	~	~
	WEEK 5 600 - 800 total ppm	Early Bloom	1ml	4ml	5ml	1ml	2.5ml	2ml	1ml	2.5ml	2.5ml	~	~
	WEEK 6** 600 - 800 total ppm	Early Bloom	1ml	4ml	5ml	1ml	2.5ml	2ml	1ml	2.5ml	2.5ml	~	~
	WEEK 7** 600 - 800 total ppm	Mid Bloom	1ml	4ml	6ml	~	2.5ml	2ml	1ml	~	5ml	~	~
	WEEK 8 600 - 800 total ppm	Mid Bloom	1ml	4ml	6ml	~	2.5ml	2ml	1ml	~	5ml	~	~
	WEEK 9 600 - 800 total ppm	Late Bloom	~	4ml	8ml	~	~	2.5ml	1ml	~	5ml	~	~
	WEEK 10 600 - 800 total ppm	Late Bloom	~	4ml	8ml	~	~	2.5ml	1ml	~	5ml	~	~
	WEEK 11 500 - 700 total ppm	Ripen	~	2.5ml	8ml	~	~	~	1ml	~	5ml	0.25 tsp	~
	WEEK 12 0 - 200 total ppm	Flush	~	~	~	~	~	~	~	~	~	~	10ml
*For additional weeks of growth, repeat week 2 or 3.  **For additional weeks of bloom, repeat week 6 or 7.			Do not premix nutrients, add to water only.			Monitor plants for signs of stress when feeding aggressive formulas							
			Amounts per 3.79 liters (1 US Gallon)										

### Drain to Waste Nutrient Solution Tips

- For best results add FloraMicro to fresh water first.
- When growing plants in coco media or with reverse osmosis water use 5ml of CALiMACic per gallon during the first two weeks.
- Keep nutrient solution temperature below 75° F (24° C).
- Allow 5% - 25% runoff during each irrigation.
- Feed with fresh water once a week
- Keep nutrient solution aerated.
- For best results maintain nutrient solution pH between 5.5 - 6.5.

† For specific growth stages, Floralicious Grow or Bloom may be used in place of Floralicious Plus

### 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.

# Flora Series®

## Simple Drain To Waste

- Can be soil, soilless, coco or hydroponic.
- Nutrients are not reused.

<b>GROWTH PHASE</b> <b>18 HOUR PHOTOPERIOD</b>	<b>WEEK 1</b> 200 - 400 total ppm	Seedling
	<b>WEEK 2*</b> 500 - 700 total ppm	Early Growth
	<b>WEEK 3*</b> 600 - 800 total ppm	Late Growth
<b>BLOOM PHASE</b> <b>12 HOUR PHOTOPERIOD</b>	<b>WEEK 4</b> 500 - 700 total ppm	Transition
	<b>WEEK 5</b> 500 - 700 total ppm	Early Bloom
	<b>WEEK 6**</b> 500 - 700 total ppm	Early Bloom
	<b>WEEK 7**</b> 500 - 700 total ppm	Mid Bloom
	<b>WEEK 8</b> 500 - 700 total ppm	Mid Bloom
	<b>WEEK 9</b> 600 - 800 total ppm	Late Bloom
	<b>WEEK 10</b> 600 - 800 total ppm	Late Bloom
	<b>WEEK 11</b> 400 - 600 total ppm	Ripen
	<b>WEEK 12</b> 0 - 200 total ppm	Flush

\*For additional weeks of growth, repeat week 2 or 3.

\*\*For additional weeks of bloom, repeat week 6 or 7.

FloraGro	FloraMicro	FloraBloom	RapidStart	Liquid KoolBloom	Floralicious Plus †	FloraKleen
BASE NUTRIENT			ROOTS	WEIGHT	AROMA	FLUSH
1ml	2ml	1ml	2.5ml	~	1ml	~
5ml	4ml	1ml	2.5ml	~	1ml	~
5ml	5ml	2.5ml	2.5ml	~	1ml	~
4ml	4ml	4ml	1ml	~	1ml	~
1ml	4ml	5ml	1ml	2ml	1ml	~
1ml	4ml	5ml	1ml	2ml	1ml	~
1ml	4ml	6ml	~	2ml	1ml	~
1ml	4ml	6ml	~	2ml	1ml	~
~	4ml	8ml	~	2.5ml	1ml	~
~	4ml	8ml	~	2.5ml	1ml	~
~	2.5ml	8ml	~	~	1ml	~
~	~	~	~	~	~	10ml

Do not premix nutrients, add to water only.

Monitor plants for signs of stress when feeding aggressive formulas

Amounts per 3.79 liters (1 US Gallon)

### 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

### Recirculating Nutrient Solution Tips

- For best results add FloraMicro to fresh water first.
- When growing plants in coco media or with reverse osmosis water use 5ml of CALiMAGic per gallon during the first two weeks.
- 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.

† For specific growth stages, **Floralicious Grow or Bloom** may be used in place of **Floralicious Plus**

### 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.