

Flora Series®

Expert Recirculating

- Nutrient solution runoff drains to reservoir and is reused.
- Typically, "soil" gardens are NOT recirculating.

GROWTH PHASE 18 HOUR PHOTOPERIOD	WEEK 1	Seedling
	400 - 600 total ppm	
BLOOM PHASE 12 HOUR PHOTOPERIOD	WEEK 2*	Early Growth
	1000 - 1200 total ppm	
	WEEK 3*	Late Growth
	1200 - 1400 total ppm	
	WEEK 4	Transition
	1100 - 1300 total ppm	
	WEEK 5	Early Bloom
	1100 - 1300 total ppm	
	WEEK 6**	Early Bloom
	1100 - 1300 total ppm	
	WEEK 7**	Mid Bloom
	1100 - 1300 total ppm	
WEEK 8	Mid Bloom	
1100 - 1300 total ppm		
WEEK 9	Late Bloom	
1200 - 1400 total ppm		
WEEK 10	Late Bloom	
1200 - 1400 total ppm		
WEEK 11	Ripen	
1100 - 1300 total ppm		
WEEK 12	Flush	
0 - 200 total ppm		

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

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

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.

	FloraGro	FloraMicro	FloraBloom	RapidStart	Diamond Nectar	Liquid Koobloom	Floralicious Plus †	FloraBlend	Flora Nectar	KoolBloom (dry)	FloraKleen®
	BASE NUTRIENT			ROOTS	WEIGHT		AROMA & SIZE		FLAVOR	RIPENING FLUSH	
	2.5ml	2.5ml	2.5ml	2.5ml	5ml	~	1ml	10ml	~	~	~
	10ml	7.5ml	2.5ml	2.5ml	10ml	~	1ml	10ml	~	~	~
	10ml	10ml	5ml	2.5ml	10ml	~	1ml	10ml	~	~	~
	7.5ml	7.5ml	7.5ml	1ml	5ml	~	1ml	5ml	5ml	~	~
	2.5ml	7.5ml	10ml	1ml	5ml	2.5ml	1ml	5ml	5ml	~	~
	2.5ml	7.5ml	10ml	1ml	5ml	2.5ml	1ml	5ml	5ml	~	~
	2.5ml	7.5ml	12.5ml	~	5ml	2.5ml	1ml	~	10ml	~	~
	2.5ml	7.5ml	12.5ml	~	5ml	2.5ml	1ml	~	10ml	~	~
	~	7.5ml	15ml	~	~	5ml	1ml	~	10ml	~	~
	~	7.5ml	15ml	~	~	5ml	1ml	~	10ml	~	~
	~	5ml	15ml	~	~	~	1ml	~	10ml	0.5 tsp	~
	~	~	~	~	~	~	~	~	~	~	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)										

† 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 Recirculating

- Nutrient solution runoff drains to reservoir and is reused.
- Typically, "soil" gardens are NOT recirculating.

GENERAL HYDROPONICS®

GROWTH PHASE 18 HOUR PHOTOPERIOD	WEEK 1 300 - 500 total ppm	Seedling
	WEEK 2* 900 - 1100 total ppm	Early Growth
	WEEK 3* 1100 - 1300 total ppm	Late Growth
BLOOM PHASE 12 HOUR PHOTOPERIOD	WEEK 4 1000 - 1200 total ppm	Transition
	WEEK 5 1000 - 1200 total ppm	Early Bloom
	WEEK 6** 1000 - 1200 total ppm	Early Bloom
	WEEK 7** 1000 - 1200 total ppm	Mid Bloom
	WEEK 8 1000 - 1200 total ppm	Mid Bloom
	WEEK 9 1000 - 1200 total ppm	Late Bloom
	WEEK 10 1000 - 1200 total ppm	Late Bloom
WEEK 11 800 - 1000 total ppm	Ripen	
WEEK 12 0 - 200 total ppm	Flush	

BASE NUTRIENT			ROOTS	WEIGHT	AROMA	FLUSH
FloraGro	FloraMicro	FloraBloom	2.5ml	~	1ml	~
2.5ml	2.5ml	2.5ml	2.5ml	~	1ml	~
10ml	7.5ml	2.5ml	2.5ml	~	1ml	~
10ml	10ml	5ml	2.5ml	~	1ml	~
7.5ml	7.5ml	7.5ml	1ml	~	1ml	~
2.5ml	7.5ml	10ml	1ml	2.5ml	1ml	~
2.5ml	7.5ml	10ml	1ml	2.5ml	1ml	~
2.5ml	7.5ml	12.5ml	~	2.5ml	1ml	~
2.5ml	7.5ml	12.5ml	~	2.5ml	1ml	~
~	7.5ml	15ml	~	5ml	1ml	~
~	7.5ml	15ml	~	5ml	1ml	~
~	5ml	15ml	~	~	1ml	~
~	~	~	~	~	~	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)

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.