Flora Series®
Simple Recirculating

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

			FloraMicro	FloraGro	FloraBloom	RapidStart	Liquid KoolBloom	Floralicious Plus §
			BASE NUTRIENT			ROOTS	WEIGHT	AROMA
GROWTH PHASE 18 HOUR PHOTOPERIOD	WEEK 1 300 - 500 total ppm	Seedling	2.5ml	2.5ml	2.5ml	~	~	~
	WEEK 2* 900 - 1100 total ppm	Early Growth	7.5ml	10ml	2.5ml	2.5ml	~	1ml
	WEEK 3* 1100 - 1300 total ppm	Late Growth	10ml	10ml	5ml	2.5ml	~	1ml
BLOOM PHASE 12 HOUR PHOTOPERIOD	WEEK 4 1000 - 1200 total ppm	Transition	7.5ml	7.5ml	7.5ml	1ml	~	1ml
	WEEK 5 1000 - 1200 total ppm	Early Bloom	7.5ml	2.5ml	10ml	1ml	2.5ml	1ml
	WEEK 6** 1000 - 1200 total ppm	Early Bloom	7.5ml	2.5ml	10ml	1ml	2.5ml	1ml
	WEEK 7** 1000 - 1200 total ppm	Mid Bloom	7.5ml	2.5ml	12.5ml	1ml	2.5ml	1ml
	WEEK 8 1000 - 1200 total ppm	Mid Bloom	7.5ml	2.5ml	12.5ml	1ml	2.5ml	1ml
	WEEK 9 1000 - 1200 total ppm	Late Bloom	7.5ml	~	15ml	1ml	5ml	1ml
	WEEK 10 1000 - 1200 total ppm	Late Bloom	7.5ml	~	15ml	~	5ml	1ml
	WEEK 11 800 - 1000 total ppm	Ripen	5ml	~	15ml	~	~	1ml

*For additional weeks of growth, repeat week 2 or 3.
**For additional weeks of bloom, repeat week 6 or 7.

Do not premix nutrirents, 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

- 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.

Flora Series®
Simple Drain To Waste

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

			FloraMicro	FloraGro	FloraBloom	RapidStart	Liquid KoolBloom	Floralicious Plus §
			BASE NUTRIENT			ROOTS	WEIGHT	AROMA
GROWTH PHASE 18 HOUR PHOTOPERIOD	WEEK 1 200 - 400 total ppm	Seedling	2ml	1ml	1ml	~	~	~
	WEEK 2* 500 - 700 total ppm	Early Growth	4ml	5ml	1ml	2.5ml	~	1ml
	WEEK 3* 600 - 800 total ppm	Late Growth	5ml	5ml	2.5ml	2.5ml	~	1ml
BLOOM PHASE 12 HOUR PHOTOPERIOD	WEEK 4 500 - 700 total ppm	Transition	4ml	4ml	4ml	1ml	~	1ml
	WEEK 5 500 - 700 total ppm	Early Bloom	4ml	1ml	5ml	1ml	2ml	1ml
	WEEK 6** 500 - 700 total ppm	Early Bloom	4ml	1ml	5ml	1ml	2ml	1ml
	WEEK 7** 500 - 700 total ppm	Mid Bloom	4ml	1ml	6ml	1ml	2ml	1ml
	WEEK 8 500 - 700 total ppm	Mid Bloom	4ml	1ml	6ml	1ml	2ml	1ml
	WEEK 9 600 - 800 total ppm	Late Bloom	4ml	~	8ml	1ml	2.5ml	1ml
	WEEK 10 600 - 800 total ppm	Late Bloom	4ml	~	8ml	~	2.5ml	1ml
	WEEK 11 400 - 600 total ppm	Ripen	2.5ml	~	8ml	~	~	1ml

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

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