FloraDuo®
Expert Recirculating

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

			FloraDuo A	FloraDuo B	RapidStart	Diamond Nectar	Liquid KoolBloom	Floralicious Plus §	FloraBlend	Flora Nectar	KoolBloom (dry)	FloraKleen	Armor Si
			BASE NUTRIENT		ROOTS	WEIGHT		AROMA & SIZE		FLAVOR	RIPENING \ FLUSH		DEFENSE
GROWTH PHASE 18 HOUR PHOTOPERIOD	WEEK 1 500 - 700 total ppm	Seedling	5ml	2.5ml	~	5ml	~	~	10ml	~	~	~	1.5ml
	WEEK 2* 900 - 1100 total ppm	Early Growth	10ml	5ml	2.5ml	10ml	~	1ml	10ml	~	~	~	2ml
	WEEK 3* 1200 - 1400 total ppm	Late Growth	15ml	5ml	2.5ml	10ml	~	1ml	10ml	~	~	~	2.5ml
BLOOM PHASE 12 HOUR PHOTOPERIOD	WEEK 4 1100 - 1300 total ppm	Transition	10ml	10ml	1ml	5ml	~	1ml	5ml	5ml	~	~	2.5ml
	WEEK 5 1200 - 1400 total ppm	Early Bloom	7.5ml	15ml	1ml	5ml	2.5ml	1ml	5ml	5ml	~	~	2.5ml
	WEEK 6** 1200 - 1400 total ppm	Early Bloom	7.5ml	15ml	1ml	5ml	2.5ml	1ml	5ml	5ml	~	~	2.5ml
	WEEK 7** 1200 - 1400 total ppm	Mid Bloom	7.5ml	15ml	1ml	5ml	2.5ml	1ml	~	10ml	~	~	2.5ml
	WEEK 8 1200 - 1400 total ppm	Mid Bloom	7.5ml	15ml	1ml	5ml	2.5ml	1ml	~	10ml	~	~	2ml
	WEEK 9 1100-1400 total ppm	Late Bloom	5ml	15ml	1ml	~	5ml	1ml	~	10ml	~	~	1.5ml
	WEEK 10 1100-1400 total ppm	Late Bloom	5ml	15ml	~	~	5ml	1ml	~	10ml	~	~	~
	WEEK 11 900 - 1100 total ppm	Ripen	2.5ml	7.5ml	~	~	~	1ml	~	10ml	0.5 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 nutrirents, add to water only.

Monitor plants for signs of stress when feeding aggressive formulas

Amounts per 3.79 liters (1 US Gallon)

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.

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

FloraDuo®
Expert Drain To Waste

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

			FloraDuo A	FloraDuo B	RapidStart	Diamond Nectar	Liquid KoolBloom	Floralicious Plus §	FloraBlend	Flora Nectar	KoolBloom (dry)	FloraKleen
			BASE NUTRIENT		ROOTS	WEIGHT		AROMA & SIZE		FLAVOR	RIPENING \ FLUSH	
GROWTH PHASE 18 HOUR PHOTOPERIOD	WEEK 1 200 - 400 total ppm	Seedling	2.5ml	1ml	~	2.5ml	~	~	5ml	~	~	~
	WEEK 2* 500 - 700 total ppm	Early Growth	5ml	2.5ml	2.5ml	5ml	~	1ml	5ml	~	~	~
	WEEK 3* 600 - 800 total ppm	Late Growth	7.5ml	2.5ml	2.5ml	5ml	~	1ml	5ml	~	~	~
BLOOM PHASE 12 HOUR PHOTOPERIOD	WEEK 4 600 - 800 total ppm	Transition	5ml	5ml	1ml	2.5ml	~	1ml	2.5ml	2.5ml	~	~
	WEEK 5 700 - 900 total ppm	Early Bloom	5ml	7.5ml	1ml	2.5ml	2ml	1ml	2.5ml	2.5ml	~	~
	WEEK 6** 700 - 900 total ppm	Early Bloom	5ml	7.5ml	1ml	2.5ml	2ml	1ml	2.5ml	2.5ml	~	~
	WEEK 7** 800 - 1000 total ppm	Mid Bloom	5ml	7.5ml	1ml	2.5ml	4ml	1ml	~	5ml	~	~
	WEEK 8 800 - 1000 total ppm	Mid Bloom	5ml	7.5ml	1ml	2.5ml	4ml	1ml	~	5ml	~	~
	WEEK 9 800 - 1000 total ppm	Late Bloom	5ml	7.5ml	1ml	~	4ml	1ml	~	5ml	~	~
	WEEK 10 800 - 1000 total ppm	Late Bloom	5ml	7.5ml	~	~	4ml	1ml	~	5ml	~	~
	WEEK 11 500 - 700 total ppm	Ripen	1ml	5ml	~	~	~	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 nutrirents, 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

- 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.

§ 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.
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