FloraNova®
Expert Drain To Waste

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

			FloraNova Grow	FloraNova Bloom	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	1ml	~	2.5ml	2.5ml	~	1ml	5ml	~	~	~
	WEEK 2* 400 - 600 total ppm	Early Growth	2.5ml	~	2.5ml	5ml	~	1ml	5ml	~	~	~
	WEEK 3* 600 - 800 total ppm	Late Growth	4ml	~	2.5ml	5ml	~	1ml	5ml	~	~	~
BLOOM PHASE 12 HOUR PHOTOPERIOD	WEEK 4 600 - 800 total ppm	Transition	2ml	2ml	1ml	2.5ml	~	1ml	2.5ml	2.5ml	~	~
	WEEK 5 600 - 800 total ppm	Early Bloom	~	4ml	1ml	2.5ml	2ml	1ml	2.5ml	2.5ml	~	~
	WEEK 6** 600 - 800 total ppm	Early Bloom	~	4ml	1ml	2.5ml	2ml	1ml	2.5ml	2.5ml	~	~
	WEEK 7** 600 - 800 total ppm	Mid Bloom	~	4ml	~	2.5ml	2ml	1ml	~	5ml	~	~
	WEEK 8 600 - 800 total ppm	Mid Bloom	~	4ml	~	2.5ml	2ml	1ml	~	5ml	~	~
	WEEK 9 600 - 800 total ppm	Late Bloom	~	4ml	~	~	2.5ml	1ml	~	5ml	~	~
	WEEK 10 600 - 800 total ppm	Late Bloom	~	4ml	~	~	2.5ml	1ml	~	5ml	~	~
	WEEK 11 500 - 700 total ppm	Ripen	~	2.5ml	~	~	~	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 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

Drain to Waste Nutrient Solution Tips

- 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.

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			BASE NUTRIENT		ROOTS	WEIGHT	AROMA	FLUSH
GROWTH PHASE 18 HOUR PHOTOPERIOD	WEEK 1 100 - 300 total ppm	Seedling	1ml	~	2.5ml	~	1ml	~
	WEEK 2* 400 - 600 total ppm	Early Growth	2.5ml	~	2.5ml	~	1ml	~
	WEEK 3* 500 - 700 total ppm	Late Growth	4ml	~	2.5ml	~	1ml	~
BLOOM PHASE 12 HOUR PHOTOPERIOD	WEEK 4 500 - 700 total ppm	Transition	2ml	2ml	1ml	~	1ml	~
	WEEK 5 500 - 700 total ppm	Early Bloom	~	4ml	1ml	2ml	1ml	~
	WEEK 6** 500 - 700 total ppm	Early Bloom	~	4ml	1ml	2ml	1ml	~
	WEEK 7** 500 - 700 total ppm	Mid Bloom	~	4ml	~	2ml	1ml	~
	WEEK 8 500 - 700 total ppm	Mid Bloom	~	4ml	~	2ml	1ml	~
	WEEK 9 600 - 800 total ppm	Late Bloom	~	4ml	~	2.5ml	1ml	~
	WEEK 10 600 - 800 total ppm	Late Bloom	~	4ml	~	2.5ml	1ml	~
	WEEK 11 300 - 500 total ppm	Ripen	~	2.5ml	~	~	1ml	~
	WEEK 12 0 - 200 total ppm	Flush	~	~	~	~	~	10ml

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