GENERAL HYDROPONICS®

FloraDuo®
Drain To Waste Simple

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

			FloraDuo A	FloraDuo B	FloraBlend	RapidStart	Floralicious Plus	Liquid KoolBloom	FloraKleen
GROWTH PHASE 18 HOUR PHOTOPERIOD	WEEK 1 300 - 500ppm	Seedling	2.5 ml	1 ml	15 ml	2.5 ml	-	-	-
	WEEK 2* 500 - 700ppm	Growth	5 ml	2.5 ml	10 ml	2.5 ml	1 ml	-	-
	WEEK 3* 700 - 900ppm	Aggressive Growth	7.5 ml	2.5 ml	10 ml	2.5 ml	1 ml	-	-
BLOOM PHASE 12 HOUR PHOTOPERIOD	WEEK 4 600 - 800ppm	Transition	5 ml	5 ml	10 ml	2.5 ml	1 ml	-	-
	WEEK 5 500 - 700ppm	Bloom	2.5 ml	5 ml	5 ml	2.5 ml	1 ml	2.5 ml	-
	WEEK 6** 500 - 700ppm	Bloom	2.5 ml	5 ml	5 ml	2.5 ml	1 ml	2.5 ml	-
	WEEK 7** 600 - 800ppm	Aggressive Bloom	2.5 ml	7.5 ml	-	1 ml	1 ml	2.5 - 5 ml	-
	WEEK 8 600 - 800ppm	Aggressive Bloom	2.5 ml	7.5 ml	-	1 ml	1 ml	2.5 - 5 ml	-
	WEEK 9 200 - 400ppm	Ripen	1 ml	5 ml	-	-	1 ml	-	-
	WEEK 10 100 - 200ppm	Flush	-	-	-	-	-	-	10 ml

*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.

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.

FloraDuo®
Recirculating Simple

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

			FloraDuo A	FloraDuo B	FloraBlend	RapidStart	Floralicious Plus	Liquid KoolBloom	FloraKleen
GROWTH PHASE 18 HOUR PHOTOPERIOD	WEEK 1 500 - 700ppm	Seedling	5 ml	2.5 ml	15 ml	2.5 ml	-	-	-
	WEEK 2* 900 - 1100ppm	Growth	10 ml	5 ml	10 ml	2.5 ml	1 ml	-	-
	WEEK 3* 1200 - 1400ppm	Aggressive Growth	15 ml	5 ml	10 ml	2.5 ml	1 ml	-	-
BLOOM PHASE 12 HOUR PHOTOPERIOD	WEEK 4 1100 - 1300ppm	Transition	10 ml	10 ml	10 ml	2.5 ml	1 ml	-	-
	WEEK 5 1000 - 1200ppm	Bloom	5 ml	10 ml	5 ml	2.5 ml	1 ml	5 ml	-
	WEEK 6** 1000 - 1200ppm	Bloom	5 ml	10 ml	5 ml	2.5 ml	1 ml	5 ml	-
	WEEK 7** 1200 - 1400ppm	Aggressive Bloom	5 ml	15 ml	-	1 ml	1 ml	5 - 10 ml	-
	WEEK 8 1200 - 1400ppm	Aggressive Bloom	5 ml	15 ml	-	1 ml	1 ml	5 - 10 ml	-
	WEEK 9 400 - 600ppm	Ripen	2.5 ml	7.5 ml	-	-	1 ml	-	-
	WEEK 10 100 - 200ppm	Flush	-	-	-	-	-	-	10 ml

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- 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.
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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

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Drain To Waste Expert

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			FloraDuo A	FloraDuo B	FloraBlend	RapidStart	SubCulture-M	SubCulture-B	Floralicious Plus	Liquid KoolBloom	Dry KoolBloom	FloraNectar	FloraKleen
GROWTH PHASE 18 HOUR PHOTOPERIOD	WEEK 1 400 - 500ppm	Seedling	2.5 ml	1 ml	15 ml	2.5 ml	0.5 tsp	-	-	-	-	-	-
	WEEK 2* 600 - 700ppm	Growth	5 ml	2.5 ml	10 ml	2.5 ml	0.5 tsp	-	1 ml	-	-	-	-
	WEEK 3* 700 - 900ppm	Aggressive Growth	7.5 ml	2.5 ml	10 ml	2.5 ml	0.5 tsp	0.5 tsp	1 ml	-	-	-	-
BLOOM PHASE 12 HOUR PHOTOPERIOD	WEEK 4 600 - 800ppm	Transition	5 ml	5 ml	10 ml	2.5 ml	-	0.5 tsp	1 ml	-	-	-	-
	WEEK 5 500 - 700ppm	Bloom	2.5 ml	5 ml	5 ml	2.5 ml	-	0.5 tsp	1 ml	2.5 ml	-	2.5 ml	-
	WEEK 6** 500 - 700ppm	Bloom	2.5 ml	5 ml	5 ml	2.5 ml	-	0.5 tsp	1 ml	2.5 ml	-	2.5 ml	-
	WEEK 7** 800 - 1000ppm	Aggressive Bloom	2.5 ml	7.5 ml	-	1 ml	-	-	1 ml	2.5 - 5 ml	0.25 tsp	5 ml	-
	WEEK 8 800 - 1000ppm	Aggressive Bloom	2.5 ml	7.5 ml	-	1 ml	-	-	1 ml	2.5 - 5 ml	0.25 tsp	5 ml	-
	WEEK 9 700 - 900ppm	Ripen	1 ml	5 ml	-	-	-	-	1 ml	-	0.5 tsp	10 ml	-
	WEEK 10 100 - 200ppm	Flush	-	-	-	-	-	-	-	-	-	-	10 ml

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	WEEK 3* 1200 - 1400ppm	Aggressive Growth	15 ml	5 ml	10 ml	2.5 ml	1 ml	-	-	-
BLOOM PHASE 12 HOUR PHOTOPERIOD	WEEK 4 1100 - 1300ppm	Transition	10 ml	10 ml	10 ml	2.5 ml	1 ml	-	-	-
	WEEK 5 1000 - 1200ppm	Bloom	5 ml	10 ml	5 ml	2.5 ml	1 ml	5 ml	-	-
	WEEK 6** 1000 - 1200ppm	Bloom	5 ml	10 ml	5 ml	2.5 ml	1 ml	5 ml	-	-
	WEEK 7** 1200 - 1400ppm	Aggressive Bloom	5 ml	15 ml	-	1 ml	1 ml	5 - 10 ml	0.25 tsp	-
	WEEK 8 1200 - 1400ppm	Aggressive Bloom	5 ml	15 ml	-	1 ml	1 ml	5 - 10 ml	0.25 tsp	-
	WEEK 9 400 - 600ppm	Ripen	2.5 ml	7.5 ml	-	-	1 ml	-	0.5 tsp	-
	WEEK 10 100 - 200ppm	Flush	-	-	-	-	-	-	-	10 ml

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