FloraDuo® Drain To Waste Expert

Amounts per 3.79 liters (1 US Gallon)

Do not premix nutrirents, add to water only. Monitor plants for signs of stress when feeding aggressive formulas

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

			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 1000 - 2000ppm	*Seedling*	2.5 ml	1 ml	15 ml	2.5 ml	0.5 tsp	0	0	0	0	0	0
	WEEK 2* 1000 - 2000ppm	*Growth*	5 ml	2.5 ml	10 ml	1 - 2.5 ml	0.5 tsp	0	1 ml	0	0	0	0
	WEEK 3* 1000 - 2000ppm	*Agressive Growth*	7.5 ml	2.5 ml	10 ml	1 - 2.5 ml	0.5 tsp	0.5 tsp	1 ml	0	0	0	0
BLOOM PHASE 12 HOUR PHOTOPERIOD	WEEK 4 1000 - 2000ppm	*Transition*	5 ml	5 ml	10 ml	1 - 2.5 ml	0	0.5 tsp	1 ml	0	0	0	0
	WEEK 5 1000 - 2000ppm	*Bloom*	2.5 ml	5 ml	5 ml	1 - 2.5 ml	0	0.5 tsp	1 ml	5 ml	0	2.5ml	0
	WEEK 6 ** 1000 - 2000ppm	*Bloom*	2.5 ml	5 ml	5 ml	1 - 2.5 ml	0	0.5 tsp	1 ml	5 ml	0	2.5ml	0
	WEEK 7 ** 1000 - 2000ppm	*Aggressive Bloom*	2.5 ml	7.5 ml	0	1 ml	0	0	1 ml	5 - 10 ml	0.25 tsp	5 ml	0
	WEEK 8 1000 - 2000ppm	*Aggressive Bloom*	2.5 ml	7.5 ml	0	1 ml	0	0	1 ml	5 - 10 ml	0.25 tsp	5 ml	0
	WEEK 9 1000 - 2000ppm	*Ripen*	1 ml	5 ml	0	0	0	0	1 ml	0	0.5 tsp	10 ml	0
	WEEK 10 1000 - 2000ppm	*Flush*	0	0	0	0	0	0	0	0	0	0	10 ml

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

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

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.
- 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.

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® Recirculating Expert

Amounts per 3.79 liters (1 US Gallon)

Do not premix nutrirents, add to water only. Monitor plants for signs of stress when feeding aggressive formulas

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	Dry KoolBloom®	FloraKleen®
GROWTH PHASE 18 HOUR PHOTOPERIOD	WEEK 1	*Seedling*	5 ml	2.5 ml	15 ml	2.5 ml	0	0	0	0
	WEEK 2*	*Growth*	10 ml	5 ml	10 ml	1 - 2.5 ml	1 ml	0	0	0
	WEEK 3*	*Agressive Growth*	15 ml	5 ml	10 ml	1 - 2.5 ml	1 ml	0	0	0
BLOOM PHASE 12 HOUR PHOTOPERIOD	WEEK 4	*Transition*	10 ml	10 ml	10 ml	1 - 2.5 ml	1 ml	0	0	0
	WEEK 5	*Bloom*	5 ml	10 ml	5 ml	1 - 2.5 ml	1 ml	2.5ml	0	0
	WEEK 6	*Bloom*	5 ml	10 ml	5 ml	1 - 2.5 ml	1 ml	2.5ml	0	0
	WEEK 7 **	*Aggressive Bloom*	5 ml	15 ml	0	1 ml	1 ml	2.5 - 5ml	0.25 tsp	0
	WEEK 8 **	*Aggressive Bloom*	5 ml	15 ml	0	1 ml	1 ml	2.5 - 5ml	0.25 tsp	0
	WEEK 9	*Ripen*	2.5 ml	7.5 ml	0	0	1 ml	0	0.5 tsp	0
	WEEK 10	*Flush*	0	0	0	0	0	0	0	10 ml

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

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

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.

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® Drain To Waste Simple

Amounts per 3.79 liters (1 US Gallon)

Do not premix nutrirents, add to water only. Monitor plants for signs of stress when feeding aggressive formulas

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	*Seedling*	2.5 ml	1 ml	15 ml	2.5 ml	0	0	0
	WEEK 2*	*Growth*	5 ml	2.5 ml	10 ml	1 - 2.5 ml	1 ml	0	0
	WEEK 3*	*Agressive Growth*	7.5 ml	2.5 ml	10 ml	1 - 2.5 ml	1 ml	0	0
BLOOM PHASE 12 HOUR PHOTOPERIOD	WEEK 4	*Transition*	5 ml	5 ml	10 ml	1 - 2.5 ml	1 ml	0	0
	WEEK 5	*Bloom*	2.5 ml	5 ml	5 ml	1 - 2.5 ml	1 ml	2.5ml	0
	WEEK 6	*Bloom*	2.5 ml	5 ml	5 ml	1 - 2.5 ml	1 ml	2.5ml	0
	WEEK 7 **	*Aggressive Bloom*	2.5 ml	7.5 ml	0	1 ml	1 ml	2.5 - 5ml	0
	WEEK 8 **	*Aggressive Bloom*	2.5 ml	7.5 ml	0	1 ml	1 ml	2.5 - 5ml	0
	WEEK 9	*Ripen*	1 ml	5 ml	0	0	1 ml	0	0
	WEEK 10	*Flush*	0	0	0	0	0	0	10 ml

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

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

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.
- 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

Amounts per 3.79 liters (1 US Gallon)

Do not premix nutrirents, add to water only. Monitor plants for signs of stress when feeding aggressive formulas

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	*Seedling*	5 ml	2.5 ml	15 ml	2.5 ml	0	0	0
	WEEK 2*	*Growth*	10 ml	5 ml	10 ml	1 - 2.5 ml	1 ml	0	0
	WEEK 3*	*Agressive Growth*	15 ml	5 ml	10 ml	1 - 2.5 ml	1 ml	0	0
BLOOM PHASE 12 HOUR PHOTOPERIOD	WEEK 4	*Transition*	10 ml	10 ml	10 ml	1 - 2.5 ml	1 ml	0	0
	WEEK 5	*Bloom*	5 ml	10 ml	5 ml	1 - 2.5 ml	1 ml	2.5ml	0
	WEEK 6 **	*Bloom*	5 ml	10 ml	5 ml	1 - 2.5 ml	1 ml	2.5ml	0
	WEEK 7 **	*Aggressive Bloom*	5 ml	15 ml	0	1 ml	1 ml	2.5 - 5ml	0
	WEEK 8	*Aggressive Bloom*	5 ml	15 ml	0	1 ml	1 ml	2.5 - 5ml	0
	WEEK 9	*Ripen*	2.5 ml	7.5 ml	0	0	1 ml	0	0
	WEEK 10	*Flush*	0	0	0	0	0	0	10 ml

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

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

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.

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.