

GENERAL HYDROPONICS®

CocoTek® Expert Recirculating

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

GROWTH PHASE 18 HOUR PHOTOPERIOD	WEEK 1 400 - 600 total ppm	Seedling	BASE NUTRIENT				ROOTS	WEIGHT		AROMA & SIZE		FLAVOR	RIPENING \ FLUSH		DEFENSE
			GROW-A	GROW-B	BLOOM-A	BLOOM-B		Diamond Nectar	Liquid KoalBloom	Floralicious Plus S	FloraBlend		Flora Nectar	KoalBloom (dry)	
	WEEK 2* 800 - 1000 total ppm	Early Growth	5ml	5ml	~	~	2.5ml	5ml	~	1ml	5ml	~	~	~	1ml
	WEEK 3* 1100 - 1300 total ppm	Late Growth	10ml	10ml	~	~	2.5ml	5ml	~	1ml	5ml	~	~	~	2ml
BLOOM PHASE 12 HOUR PHOTOPERIOD	WEEK 4 1100 - 1300 total ppm	Transition	12.5ml	12.5ml	~	~	2.5ml	5ml	~	1ml	5ml	~	~	~	2ml
	WEEK 5 1100 - 1300 total ppm	Early Bloom	12.5ml	12.5ml	~	~	1ml	5ml	~	1ml	5ml	~	~	~	2ml
	WEEK 6** 1100 - 1300 total ppm	Early Bloom	7.5ml	7.5ml	7.5ml	7.5ml	1ml	5ml	~	1ml	5ml	~	~	~	2ml
	WEEK 7** 1200 - 1400 total ppm	Mid Bloom	~	~	15ml	15ml	1ml	5ml	~	1ml	5ml	~	~	~	2ml
	WEEK 8 1200 - 1400 total ppm	Mid Bloom	~	~	15ml	15ml	~	5ml	2.5ml	1ml	~	5ml	~	~	2ml
	WEEK 9 1200 - 1400 total ppm	Late Bloom	~	~	15ml	15ml	~	5ml	2.5ml	1ml	~	5ml	~	~	2ml
	WEEK 10 1200 - 1400 total ppm	Late Bloom	~	~	15ml	15ml	~	~	5ml	1ml	~	5ml	~	~	~
	WEEK 11 1000 - 1200 total ppm	Ripen	~	~	10ml	10ml	~	~	~	1ml	~	5ml	~	~	~
	WEEK 12 0 - 200 total ppm	Flush	~	~	~	~	~	~	~	~	~	~	0.5tsp	~	~
				~	~	~	~	~	~	~	~	~	~	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)

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

CocoTek® Expert Drain To Waste

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

GROWTH PHASE 18 HOUR PHOTOPERIOD	WEEK 1 200 - 400 total ppm	Seedling	BASE NUTRIENT				ROOTS	WEIGHT		AROMA & SIZE		FLAVOR	RIPENING \ FLUSH	
			GROW-A	GROW-B	BLOOM-A	BLOOM-B		Diamond Nectar	Liquid KoalBloom	Floralicious Plus S	FloraBlend		Flora Nectar	KoalBloom (dry)
	WEEK 2* 500 - 700 total ppm	Early Growth	2.5ml	2.5ml	~	~	1ml	2.5ml	~	1ml	2.5ml	~	~	~
	WEEK 3* 600 - 800 total ppm	Late Growth	5ml	5ml	~	~	1ml	2.5ml	~	1ml	2.5ml	~	~	~
BLOOM PHASE 12 HOUR PHOTOPERIOD	WEEK 4 600 - 800 total ppm	Transition	7.5ml	7.5ml	~	~	1ml	2.5ml	~	1ml	2.5ml	~	~	~
	WEEK 5 600 - 800 total ppm	Early Bloom	4ml	4ml	4ml	4ml	1ml	2.5ml	~	1ml	2.5ml	~	~	~
	WEEK 6** 600 - 800 total ppm	Early Bloom	~	~	7.5ml	7.5ml	1ml	2.5ml	~	1ml	2.5ml	~	~	~
	WEEK 7** 600 - 800 total ppm	Mid Bloom	~	~	7.5ml	7.5ml	~	2.5ml	2.5ml	1ml	~	2.5ml	~	~
	WEEK 8 600 - 800 total ppm	Mid Bloom	~	~	7.5ml	7.5ml	~	2.5ml	2.5ml	1ml	~	2.5ml	~	~
	WEEK 9 600 - 800 total ppm	Late Bloom	~	~	7.5ml	7.5ml	~	~	2.5ml	1ml	~	5ml	~	~
	WEEK 10 800 - 1000 total ppm	Late Bloom	~	~	7.5ml	7.5ml	~	~	2.5ml	1ml	~	5ml	~	~
	WEEK 11 800 - 1000 total ppm	Ripen	~	~	7.5ml	7.5ml	~	~	~	1ml	~	5ml	0.125 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.

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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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CocoTek® Simple Recirculating

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GROWTH PHASE 18 HOUR PHOTOPERIOD	WEEK 1 300 - 500 total ppm	Seedling	GROW-A	GROW-B	BLOOM-A	BLOOM-B	RapidStart	Liquid KoolBloom	Floralicious Plus [§]	FloraKleen
			BASE NUTRIENT				ROOTS	WEIGHT	AROMA	FLUSH
BLOOM PHASE 12 HOUR PHOTOPERIOD	WEEK 2* 700 - 900 total ppm	Early Growth	5ml	5ml	~	~	2.5ml	~	1ml	~
	WEEK 3* 1000 - 1200 total ppm	Late Growth	10ml	10ml	~	~	2.5ml	~	1ml	~
	WEEK 4 1000 - 1200 total ppm	Transition	12.5ml	12.5ml	~	~	2.5ml	~	1ml	~
	WEEK 5 1000 - 1200 total ppm	Early Bloom	12.5ml	12.5ml	~	~	1ml	~	1ml	~
	WEEK 6** 1000 - 1200 total ppm	Early Bloom	~	~	15ml	15ml	1ml	~	1ml	~
	WEEK 7** 1000 - 1200 total ppm	Mid Bloom	~	~	15ml	15ml	~	2.5ml	1ml	~
	WEEK 8 1000 - 1200 total ppm	Mid Bloom	~	~	15ml	15ml	~	2.5ml	1ml	~
	WEEK 9 1100 - 1300 total ppm	Late Bloom	~	~	15ml	15ml	~	5ml	1ml	~
	WEEK 10 1100 - 1300 total ppm	Late Bloom	~	~	15ml	15ml	~	5ml	1ml	~
	WEEK 11 600 - 800 total ppm	Ripen	~	~	10ml	10ml	~	2.5ml	1ml	~
	WEEK 12 0 - 200 total ppm	Flush	~	~	~	~	~	~	~	10ml

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	WEEK 10 700 - 900 total ppm	Late Bloom	~	~	7.5ml	7.5ml	~	2.5ml	1ml	~
	WEEK 11 400 - 600 total ppm	Ripen	~	~	7.5ml	7.5ml	~	2.5ml	1ml	~
	WEEK 12 0 - 200 total ppm	Flush	~	~	~	~	~	~	~	10ml

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