

GENERAL HYDROPONICS®

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	GROW-A	GROW-B	BLOOM-A	BLOOM-B	RapidStart	Diamond Nectar	Liquid KoolBloom	Floralicious Plus §	FloraBlend	Flora Nectar	KoolBloom (dry)	FloraKleen
			BASE NUTRIENT				ROOTS	WEIGHT		AROMA & SIZE		FLAVOR	RIPENING FLUSH	
BLOOM PHASE 12 HOUR PHOTOPERIOD	WEEK 2* 500 - 700 total ppm	Early Growth	5ml	5ml	~	~	1ml	2.5ml	~	1ml	2.5ml	~	~	~
	WEEK 3* 600 - 800 total ppm	Late Growth	7.5ml	7.5ml	~	~	1ml	2.5ml	~	1ml	2.5ml	~	~	~
	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	~	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	~	~	5ml	1ml	~	5ml	~	~
	WEEK 10 800 - 1000 total ppm	Late Bloom	~	~	7.5ml	7.5ml	~	~	5ml	1ml	~	5ml	~	~
	WEEK 11 800 - 1000 total ppm	Ripen	~	~	7.5ml	7.5ml	~	~	2.5ml	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.

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

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			BASE NUTRIENT				ROOTS	WEIGHT	AROMA	FLUSH
BLOOM PHASE 12 HOUR PHOTOPERIOD	WEEK 2* 500 - 700 total ppm	Early Growth	5ml	5ml	~	~	1ml	~	1ml	~
	WEEK 3* 600 - 800 total ppm	Late Growth	7.5ml	7.5ml	~	~	1ml	~	1ml	~
	WEEK 4 600 - 800 total ppm	Transition	4ml	4ml	4ml	4ml	1ml	~	1ml	~
	WEEK 5 500 - 700 total ppm	Early Bloom	~	~	7.5ml	7.5ml	1ml	~	1ml	~
	WEEK 6** 500 - 700 total ppm	Early Bloom	~	~	7.5ml	7.5ml	1ml	~	1ml	~
	WEEK 7** 700 - 900 total ppm	Mid Bloom	~	~	7.5ml	7.5ml	~	~	1ml	~
	WEEK 8 700 - 900 total ppm	Mid Bloom	~	~	7.5ml	7.5ml	~	2.5ml	1ml	~
	WEEK 9 700 - 900 total ppm	Late Bloom	~	~	7.5ml	7.5ml	~	2.5ml	1ml	~
	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	~	~	1ml	10ml
	WEEK 12 0 - 200 total ppm	Flush	~	~	~	~	~	~	~	~

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**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.

§ 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.