



EMERALD HARVEST® 2-PART NUTRIENT SERIES FEED CHART

This feeding chart is suitable for all growing media in recirculating or drain-to-waste systems.



Location:



NOTES

(EC / PPM etc.)

Massive Root Builder

Root Wizard

Honey Cube

King Kona

Emerald Growers

Precious Plant Tonics

Powerful Bio-tone Booster

Agave and Resin Enhancer

Sturdy Stalk

CAL-MAG

Potassium Silicate

Calcium-Magnesium

0.5-1.25 ml per liter

Use when needed from early vegetative through late flowering phase.

Recommended for use on water day's only.

Do not use Cal-Mag and Sturdy Stalk in the same watering.

Simple, Easy Success

		CALIPRO GROW A		CALIPRO GROW B		CALIPRO BLOOM A		CALIPRO BLOOM B						
		Professional 2-Part Nutrient Series				Professional 2-Part Nutrient Series								
		Seedlings & Cuttings	0.5 mL/L	0.5 mL/L	0.5 mL/L	Transplants	0.75 mL/L	0.75 mL/L	Early Vegetative	1.0 mL/L	1.0 mL/L	Late Vegetative	1.25 mL/L	1.25 mL/L
WEEK														
1	Transition	1.25 mL/L	1.25 mL/L				1.5 mL/L	1.0 mL/L	1.0 mL/L	1.0 mL/L				
2	Early Flowering						1.25 mL/L	1.25 mL/L	2.0 mL/L	2.0 mL/L	3.75 mL/L			
3	Early Flowering						1.25 mL/L	1.25 mL/L	2.0 mL/L	2.0 mL/L	2.0 mL/L			
4	Mid Flowering						1.5 mL/L	1.5 mL/L	2.5 mL/L	3.0 mL/L	2.0 mL/L			
5	Mid Flowering						1.5 mL/L	1.5 mL/L	2.5 mL/L	3.0 mL/L	2.0 mL/L			
6	Late Flowering						1.5 mL/L	1.5 mL/L	2.5 mL/L	2.0 mL/L	2.0 mL/L			
7	Late Flowering						1.5 mL/L	1.5 mL/L	2.5 mL/L	2.0 mL/L	2.0 mL/L			
8	Ripening						1.5 mL/L	1.5 mL/L	1.25 mL/L	1.0 mL/L	1.5 mL/L			
9	Ripening						0.25 mL/L	0.25 mL/L		1.5 mL/L				

		PH UP		PH DOWN		Premium pH Alkalizer		Premium pH Acidifier		CAL-MAG		STURDY STALK	
Conversions:		Teaspoons (tsp)	Milliliters (mL)	Tablespoons (tbsp)	Ounces (oz)	Litres (L)	US quarts (qt)	US gallons (gal)					
		1/4 tsp	1 mL	-	-	0.95 L	1 qt	-					
		1 tsp	5 mL	1/3 tbsp	-	1.89 L	2 qt	-					
		1 1/2 tsp	7.5 mL	1/2 tbsp	-	3.79 L	-	-					
		3 tsp	15 mL	1 tbsp	1/2 oz	22.71 L	-	-					
		6 tsp	30 mL	2 tbsp	1 oz	45.42 L	-	-					

To extend the flowering phase: repeat one or more mid-flowering weeks.

Important:

Do not premix concentrated nutrients.
Fill the reservoir with water & then add nutrients.

Always mix Cali-Pro A with fresh water first, then add Cali-Pro B.

Ideal water temp is 60–77°F (16–22°C). Ideal pH range after mixing nutrients is 5.8–6.3.

Monitor plants for signs of stress when following a more aggressive feeding program.

EMERALD HARVEST®
SIMPLE, EASY SUCCESS



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EMERALD HARVEST® 3-PART NUTRIENT SERIES FEED CHART

This feeding chart is suitable for all growing media in recirculating or drain-to-waste systems.



GROW

PROFESSIONAL 3-PART NUTRIENT SERIES

BLOOM

EMERALD GROWSES
Premium Plant Tonic

KING KONA
Powerful Bloom Booster

HONEY CHOME
(Aroma and Resin Enhancer)

ROOT WIZARD
Massive Root Builder

NOTES
(EC / PPM etc.)



Location:

		VEGETATIVE (18-hr light)		FLOWERING PHASE (12-hr light)		FRUITING (12-hr light)	
		SEEDLINGS & CUTTINGS		TRANSPLANTS		LATE VEGETATIVE	
WEEK		0.5 mL/L	0.5 mL/L	1.0 mL/L	0.25 mL/L	1.5 mL/L	1.0 mL/L
1 Transition		1.0 mL/L	1.0 mL/L	1.0 mL/L	1.5 mL/L	1.0 mL/L	1.0 mL/L
2 Early Flowering		0.5 mL/L	1.0 mL/L	2.0 mL/L	2.0 mL/L	2.0 mL/L	3.75 mL/L
3 Early Flowering		0.5 mL/L	1.0 mL/L	2.0 mL/L	2.0 mL/L	2.0 mL/L	2.0 mL/L
4 Mid Flowering		0.5 mL/L	1.25 mL/L	2.5 mL/L	2.5 mL/L	3.0 mL/L	2.0 mL/L
5 Mid Flowering		0.5 mL/L	1.25 mL/L	2.5 mL/L	2.5 mL/L	3.0 mL/L	2.0 mL/L
6 Late Flowering		1.5 mL/L	2.75 mL/L	2.5 mL/L	2.0 mL/L	2.0 mL/L	2.0 mL/L
7 Late Flowering		1.5 mL/L	2.75 mL/L	2.5 mL/L	2.0 mL/L	2.0 mL/L	2.0 mL/L
8 Ripening		1.0 mL/L	2.75 mL/L	1.25 mL/L	1.0 mL/L	1.5 mL/L	1.5 mL/L
9 Ripening		0.5 mL/L	0.5 mL/L	0.5 mL/L	1.5 mL/L	1.5 mL/L	1.5 mL/L

To extend the vegetative phase, repeat one or more late vegetative weeks.

Important:
Do not premix concentrated nutrients.
Fill the reservoir with water & then add nutrients.

Always mix MICRO with fresh water first, then add GROW and/or BLOOM.
Ideal water temp is 60–72°F (16–22°C).

Ideal pH range after mixing nutrients is 5.8–6.3.

Monitor plants for signs of stress when following a more aggressive feeding program.

Notes:

PH UP
Premium pH Alkalizer
Apply to the nutrient solution just a little at a time, testing the pH periodically until the readings are in the desired range.

Testing the pH periodically until the readings are in the desired range.

PH DOWN
Premium pH Acidifier
Use when needed from early vegetative through late flowering phase. Recommended for use on water days only.
Do not use Cal-Mag and Surey Salt in the same watering.

CAL-MAG
Calcium/Magnesium Potassium Silicate
0.5–1.25 mL per liter

Use when needed from early vegetative through late flowering phase.

Recommended for use on water days only.

Do not use Cal-Mag and Surey Salt in the same watering.

To extend the flowering phase, repeat one or more mid-flowering weeks.

STURDY STALK
Potassium Silicate
0.5–1.25 mL per liter

Use when needed from early vegetative through late flowering phase.

Recommended for use on water days only.

Do not use Cal-Mag and Surey Salt in the same watering.

Conversions:

Test spoon (tsp)	Milliliters (mL)	Tablespoons (tbsp)	Ounces (oz)
1/4 tsp	1 mL	-	-
1 tsp	5 mL	1/3 tbsp	-
1 1/2 tsp	7.5 mL	1/2 tbsp	-
3 tsp	15 mL	1 tbsp	1/2 oz
6 tsp	30 mL	2 tbsp	1 oz

	Liters (L)	US quarts (qt)	US gallons (gal)
1/4 tsp	0.95 L	1 qt	-
1 tsp	1.89 L	2 qt	-
1 1/2 tsp	3.79 L	-	1 gal
3 tsp	22.71 L	-	6 gal
6 tsp	30 mL	2 tbsp	1 oz



EMERALD HARVEST® 2-PART NUTRIENT SERIES FEED CHART

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Location:



KING KONA
Powerful Bloom Booster
Aroma and Resin Enhancer

HONEY CLOUD
Massive Root Builder

(EC / PPM etc.)

NOTES

Vegetative (18-hr light)		CALIPRO GROW A		CALIPRO GROW B		CALIPRO BLOOM A		CALIPRO BLOOM B		EMERALD GROWTHS®	
Seedlings & Cuttings	Transplants	3.0 mL/gal	3.0 mL/gal	4.0 mL/gal	4.0 mL/gal	5.0 mL/gal	5.0 mL/gal	6.0 mL/gal	6.0 mL/gal	4.0 mL/gal	15.0 mL/gal
Early Vegetative	Early Vegetative	4.0 mL/gal	4.0 mL/gal					6.0 mL/gal	4.0 mL/gal		
Late Vegetative	Late Vegetative	5.0 mL/gal	5.0 mL/gal					6.0 mL/gal	4.0 mL/gal		

To extend the vegetative phase, repeat one or more late vegetative weeks.

Flowering Phase (12-hr light)		WEEK		1		2		3		4	
1 Transition	5.0 mL/gal	5.0	5.0					6.0	4.0	4.0	
2 Early Flowering				5.0	5.0			8.0	8.0	8.0	15.0
3 Early Flowering				5.0	5.0			8.0	8.0	8.0	
4 Mid Flowering				6.0	6.0			10.0	12.0	8.0	
5 Mid Flowering				6.0	6.0			10.0	12.0	8.0	
6 Late Flowering				6.0	6.0			10.0	8.0	8.0	
7 Late Flowering				6.0	6.0			10.0	8.0	8.0	
8 Ripening				6.0	6.0			5.0	4.0	6.0	
9 Ripe				1.0	1.0					6.0	

To extend the flowering phase: repeat one or more mid-flowering weeks.

Important:

Do not premix concentrated nutrients.

Fill the reservoir with water & then add nutrients.

Always mix Cali-Pro A with fresh water first, then add Cali-Pro B.

Ideal water temp is 60–77°F (16–22°C).

Ideal pH range after mixing nutrients is 5.8–6.3.

Monitor plants for signs of stress when following a more aggressive feeding program.

Notes:

Fill the reservoir with water & then add nutrients.

Always mix Cali-Pro A with fresh water first, then add Cali-Pro B.

Ideal water temp is 60–77°F (16–22°C).

Ideal pH range after mixing nutrients is 5.8–6.3.

Monitor plants for signs of stress when following a more aggressive feeding program.

PH UP
Premium pH Alkalizer

Apply to the nutrient solution just a little at a time, testing the pH periodically until the readings are in the desired range.

PH DOWN
Premium pH Acidifier

Use when needed from early vegetative through late flowering phase.

Recommended for use on water day's only.

Do not use Cal-Mag and Sturdy Stalk in the same watering.

CAL-MAG
Calcium-Magnesium

Use when needed from early vegetative through late flowering phase.

Recommended for use on water day's only.

STURDY STALK
Potassium Silicate

Use when needed from early vegetative through late flowering phase.

Recommended for use on water day's only.

Conversions:

Teaspoons (tsp)	Milliliters (mL)	Tablespoons (tbsp)	Ounces (oz)	Litres (L)	US quarts (qt)	US gallons (gal)
1/4 tsp	1 mL	-	-	0.95 L	1 qt	-
1 tsp	5 mL	1/3 tbsp	-	1.89 L	2 qt	-
1 1/2 tsp	7.5 mL	1/2 tbsp	-	3.79 L	-	1 gal
3 tsp	15 mL	1 tbsp	12 oz	22.71 L	-	6 gal
6 tsp	30 mL	2 tbsp	1 oz	-	-	-



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GROW

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MICRO

BLOOM

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HONEY CHOME®
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ROOT WIZARD®
Massive Root Builder

NOTES
(EC / PPM etc.)

Location:



		Vegetative (18-hr light)		Flowering Phase (12-hr light)		To extend the vegetative phase, repeat one or more late vegetative weeks.				
WEEK		Seedlings & Cuttings	Transplants	Early Vegetative	Late Vegetative	Transition	Early Flowering	Mid Flowering	Late Flowering	Ripening
1	Seedlings & Cuttings	2.0 mL/gal	2.0 mL/gal	2.0 mL/gal	2.0 mL/gal	4.0 mL/gal	4.0 mL/gal	6.0 mL/gal	4.0 mL/gal	4.0 mL/gal
2	Early Flowering	2.0 mL/gal	2.0 mL/gal	8.0 mL/gal	8.0 mL/gal	8.0 mL/gal	8.0 mL/gal	8.0 mL/gal	15.0 mL/gal	2.0 mL/gal
3	Early Flowering	2.0 mL/gal	2.0 mL/gal	8.0 mL/gal	8.0 mL/gal	8.0 mL/gal	8.0 mL/gal	8.0 mL/gal	8.0 mL/gal	2.0 mL/gal
4	Mid Flowering	2.0 mL/gal	5.0 mL/gal	10.0 mL/gal	10.0 mL/gal	12.0 mL/gal	12.0 mL/gal	8.0 mL/gal	8.0 mL/gal	2.0 mL/gal
5	Mid Flowering	2.0 mL/gal	5.0 mL/gal	10.0 mL/gal	10.0 mL/gal	12.0 mL/gal	8.0 mL/gal	8.0 mL/gal	8.0 mL/gal	2.0 mL/gal
6	Late Flowering			6.0 mL/gal	11.0 mL/gal	10.0 mL/gal	8.0 mL/gal	8.0 mL/gal	8.0 mL/gal	2.0 mL/gal
7	Late Flowering			6.0 mL/gal	11.0 mL/gal	10.0 mL/gal	8.0 mL/gal	8.0 mL/gal	8.0 mL/gal	2.0 mL/gal
8	Ripening			4.0 mL/gal	11.0 mL/gal	5.0 mL/gal	4.0 mL/gal	6.0 mL/gal	6.0 mL/gal	2.0 mL/gal
9	Ripening	2.0 mL/gal		2.0 mL/gal		2.0 mL/gal		6.0 mL/gal		

To extend the flowering phases repeat one or more mid-flowering weeks.

Notes:

Do not premix concentrated nutrients.

Fill the reservoir with water & then add nutrients.

Always mix MICRO with fresh water first, then add GROW and/or BLOOM.

Ideal water temp is 60–72°F (16–22°C).

Ideal pH range after mixing nutrients is 5.8–6.3.

Monitor plants for signs of stress when following a more aggressive feeding program.

PH UP

Premium pH Alkalizer

PH DOWN

Premium pH Acidifier

CAL-MAG

Calcium/Magnesium

STURDY STALK

Potassium Silicate

2-5 mL per gallon

Use when needed from early vegetative through late flowering phase.

Recommended for use on water only.

Do not use Cal-Mag and Surdy Stalk in the same watering.

Conversions:

Teaspoons (tsp)

Milliliters (mL)

Tablespoons (tbsp)

Ounces (oz)

Litres (L)

US quarts (qt)

US gallons (gal)

Use when needed from early vegetative through late flowering phase.

Recommended for use on water only.

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