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### ALL MEASUREMENTS PER 1 U.S. GALLON OF RO WATER

2-PART LIQUID	<b>Base Nutrients</b>	(	CUTTINGS/ SEEDLINGS	VEG WEEK 1	VEG WEEK 2	FLOWER WEEK 1	FLOWER WEEK 2	FLOWER WEEK 3	FLOWER WEEK 4	FLOWER WEEK 5	FLOWER WEEK 6	FLOWER WEEK 7	FLOWER WEEK 8	F
NUTRIENT <sub>F</sub>	Aqua Flakes/Cocos/Hydro A & B		2.5 mL	4–5.5 mL	6 mL	6.5 mL	7.5 mL	8.5 mL	9.5 mL	10.5 mL	10 mL	7.5 mL	7.5 mL	
(CHOOSE — ONE)	Soil A & B/Bio-1		2.5 mL	6–8 mL	9.5 mL	11.5 mL	13.5 mL	15 mL	16.5 mL	18 mL	17 mL	11.5 mL	11.5 mL	
OR	H&G Commercial CalMag Powder			2.8 grams	3.6 grams	3.3 grams	3.8 grams	4.2 grams	4.4 grams	4.7 grams	4.5 grams	3.8 grams	3.8 grams	3.
3-PART —	H&G Commercial Grow Powder		.2 grams	1.6 grams	2.0 grams									
POWDER	H&G Commercial Bloom Powder					2.6 grams	3.0 grams	3.4 grams	3.6 grams	3.8 grams	3.7 grams	3.0 grams	3.0 grams	3
NUTRIENTS	- <u>Additives</u>													
	Drip Clean		.4 mL	.4 mL	.4 mL	.4 mL	.4 mL	.4 mL	.4 mL	.4 mL	.4 mL	.4 mL	.4 mL	
	Roots Excelurator		1 mL	1 mL	1 mL	1 mL	1 mL	1 mL	1 mL					
	Amino Treatment			.8 mL	1.5 mL	2.5 mL	2.5 mL	2.5 mL	2.5 mL					
	Multi Zen			3.8 mL	3.8 mL	3.8 mL	3.8 mL	3.8 mL	3.8 mL					
	Algen Extract			1 mL*	1 mL*	1 mL*	1 mL*	1 mL*	1 mL*					
	Nitrogen Boost			0.5–1 mL*	1 mL*	1 –2 mL*	1 –2 mL*	1 –2 mL*	1 –2 mL*					
	Bud-XL									3.8 mL	3.8 mL	3.8 mL	3.8 mL	
	Top Booster										4–5.5 mL			
	Shooting Powder											2.6 grams	2.6 grams	5
	O Top Shooter											2.8 mL	2.8 mL	
	Holiar Only)				10–20 mL		10–20 mL							
			*OPTIONAL		Foliar Spray		Foliar Spray			**For more significant leaf f				
			CUTTINGS/ SEEDLINGS	VEG WEEK 1	VEG WEEK 2	FLOWER WEEK 1	FLOWER WEEK 2	FLOWER WEEK 3	FLOWER WEEK 4	FLOWER WEEK 5	FLOWER WEEK 6	FLOWER WEEK 7	FLOWER WEEK 8	F

# HOUSE B GARDEN NUTRIENTS AND FERTILIZERS

### **Mixture**

Add part A of the nutrients, wait 15 minutes, then add part B.

#### Adjust pH:

Aqua 5.7 – 5.9 Cocos 5.8 – 6.3 Soil 5.8 – 6.3

Add the rest of your fertilizers, one at a time.

Never mix A & B directly together.

#### Propagatio

Use Roots excelurator diluted in water to soak cubes daily, add into a clone machine, or for top feeding.

#### <u>Modified Feeding</u> Schedules

Flowering week 6: Remove the second and fifth week of the cycle flowering 8 weeks.

Flowering week 7: Remove the second week of the cycle flowering 8 weeks.

Flowering week 9: Repeat week 8 of the 8-week flowering cycle.

Flowering week 12: Repeat the second and fifth week of the cycle 10 weeks flowering.

Aggressive fertilization: Increase basic nutrients by 1–2 mL.

**Extended Vegetation:** Repeat the second week, gradually increasing the basic nutrients, as needed.

#### <u>Tips</u>

#### **PROFESSIONAL TIP:**

Use Roots Excelurator at half strength when running on a recirculating system with air stones.

#### **PROFESSIONAL TIP:**

Nitrogen Boost is a powerful and highly concentrated formula. Overdosing can cause nitrogen burn.

DO NOT USE TOP SHOOTER AND SHOOTING POWDER AT THE SAME TIME.

DO NOT ADD RHIZO FORCE TO THE RESERVOIR.

#### DWC:

For **Deep Water Cultivation**, refer to the specific DWC line chart at www.house-garden.us Calculator Online at:

WWW.HOUSE-GARDEN.US

#### **PROFESSIONAL TIP:**

Add **Bud-XL** at the first sign of flower formation to ensure that the plant's energy is used to create flowers and thus increase production.

#### **PROFESSIONAL TIP:**

The yellow color in large leaves is normal after using **Top Booster**.

#### **PROFESSIONAL TIP:**

**Top Shooter** and **Shooting Powder** are the liquid and powder forms of the same high P-K late floral additive (Phosphorus-Potassium).



Using the fertilization chart accurately is the key to success. Only with close monitoring and complete understanding can the true potential of House & Garden Nutrients be realized. Remember that House & Garden is a very concentrated line, so pay close attention to the measurements and take your time to achieve a proper mix.

> William Van De Zwaan Founder, House & Garden

#### **PROFESSIONAL TIP:**

Stop using **Amino Treatment** at the first sign of flower formation.

#### **PROFESSIONAL TIP:**

Magic Green is ONLY a foliar spray and can be used up to 2.5–5 mL per liter on established plants. DO NOT SPRAY with lights on.

ALL PROPOSED MEASURES ARE SUGGESTIONS OF VALUES WITH WHICH WE HAVE ACHIEVED SUCCESS.



# **TECHNICAL SUPPORT**

707-840-0999 ext 0

FLOWER WEEK 9 FLOWER WEEK 10

techsupport@house-garden.us

Adjust pH: Aqua 5.7 – 5.9 Cocos 5.8 – 6.3 Soil 5.8 – 6.3

# **RWEEK FEED CHART**



# ALL MEASUREMENTS PER 1 U.S. GALLON OF RO WATER

2-PART LIQUID	<b>Base Nutrients</b>	CUTTINGS/ SEEDLINGS	VEG WEEK 1	VEG WEEK 2	FLOWER WEEK 1	FLOWER WEEK 2	FLOWER WEEK 3	FLOWER WEEK 4	FLOWER WEEK 5	FLOWER WEEK 6	FLOV
	Aqua Flakes/Cocos/Hydro A & B	2.5 mL	5.5 mL	6 mL	6.5 mL	7.5 mL	8.5 mL	9.5 mL	9 mL	7.5 mL	7
CHOOSE— ONE)	Soil A & B/Bio-1	2.5 mL	8 mL	9.5 mL	11.5 mL	13.5 mL	15 mL	18 mL	17 mL	11.5 mL	11
OR	H&G Commercial CalMag Powder	1.4 grams	2.8 grams	3.6 grams	3.3 grams	3.8 grams	4.2 grams	4.7 grams	4.5 grams	3.8 grams	3.80
3-PART —	H&G Commercial Grow Powder	.8 grams	1.6 grams	2.0 grams							
	H&G Commercial Bloom Powder				2.6 grams	3.0 grams	3.4 grams	3.8 grams	3.6 grams	3.0 grams	3.0
	<u>Additives</u>										
	Drip Clean	.4 mL	.4 mL	.4 mL	.4 mL	.4 mL	.4 mL	.4 mL	.4 mL	.4 mL	6
	Roots Excelurator	1 mL	1 mL	1 mL	1 mL	1 mL	1 mL				
	Amino Treatment		.8 mL	1.5 mL	2.5 mL	2.5 mL	2.5 mL				
	Multi Zen		3.8 mL	3.8 mL	3.8 mL	3.8 mL	3.8 mL				
	Algen Extract		1 mL*	1 mL*	1 mL*	1 mL*	1 mL*				
	Nitrogen Boost		0.5–1 mL*	1 mL*	1–2 mL*	1–2 mL*	1–2 mL*				
	Bud-XL							3.8 mL	3.8 mL	3.8 mL	3
	Top Booster								4–5.5 mL		
	Shooting Powder									2.6 grams	5.2
	Top Shooter									2.8 mL	5
	Magic Green (Foliar Only)			10–20 mL		10–20 mL					
		*OPTIONAL Foliar Spray Foliar Spray **For more significant lea							significant leaf fade	e, omit C	
		CUTTINGS/ SEEDLINGS	VEG WEEK 1	VEG WEEK 2	FLOWER WEEK 1	FLOWER WEEK 2	FLOWER WEEK 3	FLOWER WEEK 4	FLOWER WEEK 5	FLOWER WEEK 6	FLOV

# HOUSE & GARDEN NUTRIENTS **PREMIUM NUTRIENTS & ADDITIVES**

# **Base Nutrients**

Soil A&B provides balanced nutrition for enriched soils and contains



essential nutrients, including a significant amount of calcium.

kes A&B provides the highest quality, fully soluble nutrients designed specifically for recirculating by hydroponic applications. Low ppm base is perfect for ebb and flow, DWC, aeroponics, and any type of rockwool. Also use Aqua Flakes in inert peat mixes for best results.

B is formulated to provide the perfect ratio of nutrients while taking into account the cation-exchange capacity of coir. Coco coir as a medium has unique properties that are distinct from soils and hydroponic media.

nt Soil enables a grower to customize the level of calcium in their soils. Also use it for soils that are heavy in lime.



delivers base nutrition for all vegetative stages. delivers base nutrition for all flowering stages.

delivers secondary elements for all plant stages.

# **Additives**





use of nutrients. Roots Excelurator is a carefully designed formula that provides vigorous and explosive root development. Use at the beginning and until

the first weeks of flowering.

Drip Clean uses ionic

bonding to bind excess

creating a molecule that

removes any buildup of

salts that may accumulate,

minerals in the used system







nt provides the plant with highly available elements and compounds, promoting explosive growth while helping the plant thrive in all conditions. Amino Treatment should be used from the first week of vegetation until the first signs of fruiting appear.

aids in the breakdown of nutrients, while increasing flower knots. Use in the vegetative phase until the first sign of flower formation.

Algen Extract is a mixture of Norwegian seaweed. Processed in small batches through a cold water extraction, this extract is highly concentrated and full of highly available components. It can be used throughout the life cycle of the plant.



to the beginning of flowering, if

necessary. Bud-XL focuses solely on the

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formation of fruits and flowers. It consists of key components for flowering to facilitate the movement of sugar from the leaves and bracts to the fruits and flowers. This ensures a robust and aromatic yield. Use from the first signs of flowering, fruit and flower formation, to the final rinse.







**Top Booster** triggers the final phase of fruiting and flowering, providing extra phosphorus and potassium while directing all energy toward the fruit and flower sites.



der helps induce a second wave of flower production during the last three weeks of the flowering phase, increasing yields by up to 30%.



Shooter is the liquid version of Shooting Powder. It causes more flower production and promotes large and robust formations. Use during the last weeks of flowerina.



Magic Green is a highly versatile foliar application, which provides the plant with an extra boost of vitality and vigor while helping to protect it from environmental pressures. Spray 2.5-5 ml per liter once a week or every two weeks.