

# HOUSE & GARDEN



House & Garden Nutrients is located in the small town of Almere, just outside of Amsterdam in the Netherlands. Owner William Van de Zwaan has been in the horticulture industry his entire life resulting in his passion for gardening as well as creating the highest quality fertilizers available on the world market. William's family owns several greenhouses which produce roses for sale at the Aalsmeer Flower Auction, the worlds largest flower auction. Before designing the House & Garden line of nutrients in 1990, William Van de Zwaan spent time developing other leading fertilizers in Holland no doubt giving him the expertise he used to create the nutrient line he branded with his family name. House & Garden is the only fertilizer company that maintains its own laboratory giving us a clear

advantage in the field of research and developing new products. We constantly test each batch of fertilizer for consistent quality as well as test each new product in our own greenhouses before sending them to market. House & Garden also maintains its own fertilizer manufacturing facility further ensuring you receive the highest quality products available. House & Garden offers complete nutrition for all plants with their cutting edge formulations. The House & Garden nutrient line offers some familiar products that have been improved upon as well as some unique formulations exclusive to the House & Garden line. There are no comparisons for products like Roots Excelurator and Shooting Powder, just ask anyone that has ever used them. In short when you want the best... only House & Garden will do.

Available exclusively at Humboldt Wholesale (707) 840 0999



AQUA/COCO/  
HYDRO

[www.house-garden.us](http://www.house-garden.us)

[www.humboldtwholesale.com](http://www.humboldtwholesale.com)

## HOUSE & GARDEN FEED CHART VEGETATIVE FEED CHART

(AQUA FLAKES/COCOS/HYDRO)



### SHORT VEGETATIVE CROP

Aqua Flakes / Cocos / Hydro		CUTTINGS/ SEEDLINGS	week 1	week 2	week 3
<b>ALL MEASUREMENTS ARE PER US GALLON</b>	Normal	2.5 mL	5.5 mL	6.5 mL	7.5 mL
	Aggressive	2.5 mL	6.5 mL	7.5 mL	9 mL
Algen Extract		1-2 mL	1-2 mL	1-2 mL	1-2 mL
Roots Excelurator		1.1 mL	1.1 mL	1.1 mL	1.1 mL
Drip Clean			0.4 mL	0.4 mL	0.4 mL
Magic Green - FOLIAR every other week		5 mL		5 mL	

### Mixing Instructions:

1. Fill Reservoir with water ( low PPM preferred )
2. Add A component – mix thoroughly and let stand
3. Add B component – mix thoroughly and let stand  
5. 5 mL on the feed chart is calling for 5.5 mL of A and 5.5 mL of B  
**NEVER mix "A" component and "B" component in concentrate!!**
4. Adjust pH – Aqua Flakes / Cocos / Hydro – 5.8  
Soil A / B / 1-Component Soil – 6.3
5. After adjusting pH add appropriate stimulants.  
pH may lower after adding stimulants, this is a natural process due to the live microbial nature of the stimulant and will correct itself within a few hours.

### TALL VEGETATIVE CROP

Aqua Flakes / Cocos / Hydro		CUTTINGS/ SEEDLINGS	week 1	week 2	week 3	week 4	week 5	week 6	week 7
<b>ALL MEASUREMENTS ARE PER US GALLON</b>	Normal	2.5 mL	5.5 mL	6 mL	6.5 mL	7 mL	7.5 mL	8 mL	8.5 mL
	Aggressive	2.5 mL	6 mL	7 mL	8.5 mL	9.5 mL	11 mL	12 mL	12.5 mL
Algen Extract		1-2 mL	1-2 mL	1-2 mL	1-2 mL	1-2 mL	1-2 mL	1-2 mL	1-2 mL
Roots Excelurator		1.1 mL	1.1 mL	1.1 mL	1.1 mL	1.1 mL	1.1 mL	1.1 mL	1.1 mL
Drip Clean			0.4 mL	0.4 mL	0.4 mL	0.4 mL	0.4 mL	0.4 mL	0.4 mL
Magic Green - FOLIAR every other week		5 mL		5 mL		5 mL		5 mL	

### DISCLAIMER:

FEED CHARTS CONTAIN SUGGESTED NUTRIENT LEVELS BASED ON OUR EXPERIENCE AND/OR OUR TESTING COMPLETED WITH HOUSE & GARDEN PRODUCTS. DIFFERENT PLANTS MAY REACT DIFFERENTLY; WATCH YOUR PLANTS FOR SIGNS OF NUTRIENT TOXICITY AND ADJUST NUTRIENT LEVELS ACCORDINGLY.

**CAUTION: Aggressive Strength is only for heavy feeding plants or extremely experienced gardeners!!! This formula can burn plants!!!**

## HOUSE & GARDEN FEED CHART SIX WEEK FLOWERING CYCLE

(AQUA FLAKES/COCOS/HYDRO)



Aqua Flakes / Cocos / Hydro		week 1	week 2	week 3	week 4	week 5	week 6
<b>ALL MEASUREMENTS ARE PER US GALLON</b>	Normal	6.5 mL	7.5 mL	9.5 mL	9.5 mL	7.5 mL	7.5 mL
	Aggressive	8 mL	10 mL	12 mL	14 mL	15 mL	15 mL
Drip Clean		0.4 mL	0.4 mL	0.4 mL	0.4 mL	0.4 mL	0.4 mL
Roots Excelurator		1.1 mL	1.1 mL	1.1 mL			
Multi Zen		3.8 mL	3.8 mL				
Bud XL				3.8 mL	3.8 mL	3.8 mL	3.8 mL
Top Booster				5.7 mL			
Shooting Powder					1/25 gal	1/25 gal	2/25 gal
Magic Green - FOLIAR every other week		5-10 mL		5-10 mL		2 mL	

2-3 DAY PREPARATION FLUSH!



### Aqua Flakes

**Aqua Flakes** is a superior two part base nutrient designed for recirculating hydroponics systems. It contains no bulking agents or additional additives. This unique composition expedites the transfer of nutrients from the root zone into the foliage. Aqua Flakes' balanced and stable nutrient composition ensures optimal absorption and results. House & Garden maintains their own nutrient manufacturing facilities as well as their own laboratories where they continually test each batch of fertilizer they produce.



### Cocos

House & Garden exercised great care when formulating **Cocos** base nutrients. Every coco grower knows that it takes an extremely precise nutrient formulation to get it just right with a coco medium. Well, House & Garden has perfected it. Cocos A&B is one of the purest fertilizers on the market today, helping to eliminate salty buildup in your organic medium.



### Drip Clean

**Drip Clean** helps to remove salt particles and dirt from the root structure, piping, and medium of any garden. Drip Clean is compatible with all mediums and solutions. Used in conjunction with tap or filtered water, Drip Clean is 100% safe for any plant.

# HOUSE & GARDEN FEED CHART EIGHT WEEK FLOWERING CYCLE

(AQUA FLAKES/COCOS/HYDRO)



Aqua Flakes / Cocos / Hydro		week 1	week 2	week 3	week 4	week 5	week 6	week 7	week 8
<b>ALL MEASUREMENTS ARE PER US GALLON</b>	Normal	6.5 mL	7.5 mL	8.5 mL	9.5 mL	10.5 mL	7.5 mL	7.5 mL	7.5 mL
	Aggressive	8 mL	10 mL	12 mL	14 mL	14 mL	15 mL	15 mL	15 mL
Drip Clean		0.4 mL	0.4 mL	0.4 mL	0.4 mL	0.4 mL	0.4 mL	0.4 mL	0.4 mL
Roots Excelurator		1.1 mL	1.1 mL	1.1 mL	1.1 mL				
Multi Zen		3.8 mL	3.8 mL	3.8 mL					
Bud XL					3.8 mL	3.8 mL	3.8 mL	3.8 mL	3.8 mL
Top Booster						5.7 mL			
Shooting Powder							1/25 gal	2/25 gal	2/25 gal
Magic Green - FOLIAR every other week		5-10 mL		5-10 mL		5-10 mL		2 mL	

2-8 DAY PREHARVEST FLUSH



## Roots Excelurator

Roots Excelurator could quite possibly be the BEST nutrient product of ANY kind on the market. It provides specialized nutrition for optimal root growth. This product is without a doubt the most powerful rooting stimulant available. Roots Excelurator will help protect your plants from harmful root disease.



## Multi Zen

Multi Zen is specifically formulated to ensure your crop achieves its maximum potential harvest after harvest. Multi Zen's unique formulation boosts the plant's natural immune system aiding the plants in the break down of nutrients making them more readily available within the root zone.



## Algen Extract

Algen Extract is a premium blend of Norwegian Sea Kelp containing high levels of active ingredients. A superb additive, Algen Extract promotes vigorous vegetative growth as well as aiding the plant's nutrient uptake. Made in small batches, you can be sure Algen Extract will always be the freshest product available.

# HOUSE & GARDEN FEED CHART TEN WEEK FLOWERING CYCLE

(AQUA FLAKES/COCOS/HYDRO)



Aqua Flakes / Cocos / Hydro		week 1	week 2	week 3	week 4	week 5	week 6	week 7	week 8	week 9	week 10
<b>ALL MEASUREMENTS ARE PER US GALLON</b>	Normal	6.5 mL	7.5 mL	8.5 mL	9.5 mL	10.5 mL	11.5 mL	11.5 mL	7.5 mL	7.5 mL	7.5 mL
	Aggressive	8 mL	10 mL	12 mL	12 mL	14 mL	14 mL	15 mL	15 mL	15 mL	15 mL
Drip Clean		0.4 mL	0.4 mL	0.4 mL	0.4 mL	0.4 mL	0.4 mL	0.4 mL	0.4 mL	0.4 mL	0.4 mL
Roots Excelurator		1.1 mL	1.1 mL	1.1 mL	1.1 mL	1.1 mL					
Multi Zen		3.8 mL	3.8 mL	3.8 mL	3.8 mL						
Bud XL						3.8 mL	3.8 mL	3.8 mL	3.8 mL	3.8 mL	3.8 mL
Top Booster							5.7 mL				
Shooting Powder								1/25 gal	1/25 gal	2/25 gal	2/25 gal
Magic Green - FOLIAR every other week		5-10 mL		5-10 mL		5-10 mL		5-10 mL		2 mL	

2-8 DAY PREHARVEST FLUSH



## Bud XL

Bud XL is designed to drive sugars from the plant leaf into the fruit. By doing so, the yield, robustness, and sweetness of the harvest can increase exponentially. Bud-XL helps to extract sugars from large bracts, allowing more sugar and energy to be concentrated on fruit and flower production.



## Top Booster

Top Booster forces the plant to create flowers and fruits in order to ensure its survival. Plants then continue to form flowers and fruits for the remainder of the flowering period. The early triggering of the flowering period allows the plant more time to develop larger and more robust yields.



## Shooting Powder

Shooting Powder is far and away the best finishing agent on the market. Proven to restart aggressive flowering by inducing a second surge of flower production during the last three weeks of the flowering cycle, resulting in up to 30% increase in yield.

# HOUSE & GARDEN FEED CHART TWELVE WEEK FLOWERING CYCLE

(AQUA FLAKES/COCOS/HYDRO)



Soil A / B		week 1	week 2	week 3	week 4	week 5	week 6	week 7	week 8	week 9	week 10	week 11	week 12
<b>ALL MEASUREMENTS ARE PER US GALLON</b>	Normal	6.5 mL	8.5 mL	9.5 mL	10.5 mL	10.5 mL	10.5 mL	11.5 mL	11.5 mL	11.5 mL	7.5 mL	7.5 mL	7.5 mL
	Aggressive	8 mL	10 mL	12 mL	12 mL	12 mL	14 mL	14 mL	14 mL	15 mL	15 mL	15 mL	15 mL
Drip Clean		0.4 mL	0.4 mL	0.4 mL	0.4 mL	0.4 mL	0.4 mL	0.4 mL	0.4 mL	0.4 mL	0.4 mL	0.4 mL	0.4 mL
Roots Excelurator		1.1 mL	1.1 mL	1.1 mL	1.1 mL	1.1 mL	1.1 mL						
Multi Zen		3.8 mL	3.8 mL	3.8 mL	3.8 mL	3.8 mL							
Bud XL							3.8 mL	3.8 mL	3.8 mL	3.8 mL	3.8 mL	3.8 mL	3.8 mL
Top Booster								5.7 mL					
Shooting Powder									1/25 gal	1/25 gal	2/25 gal	2/25 gal	
Magic Green - FOLIAR every other week		5-10 mL		5-10 mL		5-10 mL		5-10 mL		5-10 mL		2 mL	

2-8 DAY PREHARVEST FLUSH



## Magic Green

Magic Green is pure magic. Magic Green is a foliar spray used to increase vitality and ensure that the plants get what they need for a successful flowering period. Use on rooted sprouts, cuttings and mother plants up to once a week during the growth phase. Foliage will turn to a vibrant, dark green color and a protective waxy layer will form on the leaves.

High levels of Phosphorous and Potassium will still be present in the soil after Shooting Powder is used. This can cause damage to young, tender plants. Use caution when reusing soil that has been given Shooting Powder.

We at House & Garden highly recommend you inoculate your soil / hydroponics gardens with beneficial bacteria. Outside of the US we offer House & Garden Bacto Force, unfortunately we can't import this product so we recommend Great White from Plant Success, available at Humboldt Wholesale.

Use all diluted Magic Green within 4 - 6 hours of mixing. Magic Green contains active ingredients that will become anaerobic if left diluted.