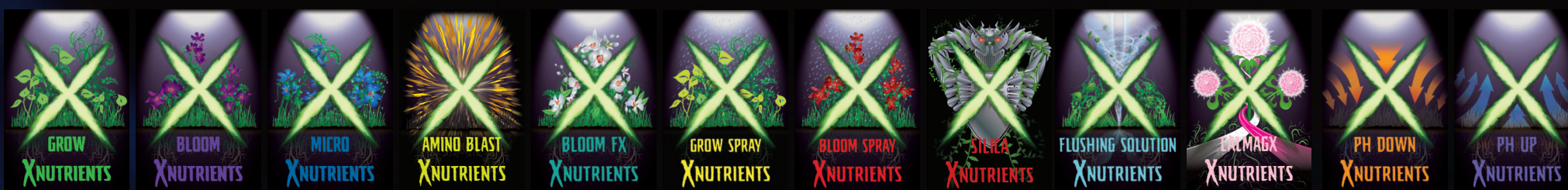


## Basic Program

Amounts per Gallon	Veg Week 1	Veg Week 2	Veg Week 3	Veg Week 4	Bloom Week 5	Bloom Week 6	Bloom Week 7	Bloom Week 8	Bloom Week 9	Bloom Week 10	Bloom Week 11	Bloom Week 12
<b>Grow Nutrients</b>	8 ml	15 ml	15 ml	20 ml	5 ml							
<b>Bloom Nutrients</b>					15 ml	20 ml	20 ml	25 ml	25 ml	25 ml	25 ml	10 ml
<b>Micro Nutrients</b>	10 ml	15 ml	15 ml	15 ml	15 ml	15 ml	15 ml	10 ml	10 ml	10ml	10 ml	
<b>PPMs (base)</b>	567	947	947	1106	1159	1176	1176	1176	1176	1176	1176	354
<b>Amino Blast</b>	5 ml	10 ml	15 ml	15 ml	15 ml	15 ml	15 ml	15 ml	15 ml	15 ml	15 ml	

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## Advanced Program

Amounts per Gallon	Veg Week 1	Veg Week 2	Veg Week 3	Bloom Week 4	Bloom Week 5	Bloom Week 6	Bloom Week 7	Bloom Week 8	Bloom Week 9	Bloom Week 10	Bloom Week 11	Bloom Week 12
<b>Grow Nutrients</b>	8 ml	15 ml	20 ml	5 ml								
<b>Bloom Nutrients</b>				15 ml	20 ml	20 ml	25 ml	25 ml	25 ml	25 ml	10 ml	
<b>Micro Nutrients</b>	10 ml	15 ml	15 ml	15 ml	15 ml	15 ml	10 ml	10 ml	10 ml	10 ml		
<b>PPMs (base)</b>	567	947	1106	1159	1176	1176	1176	1176	1176	1176	354	
<b>Amino Blast</b>	5 ml	10 ml	15 ml	15 ml	15 ml	15 ml	15 ml	15 ml	15 ml	15 ml		
<b>Bloom FX</b>				10 ml	10 ml	10 ml	10 ml	15 ml	20 ml	25 ml	30 ml	
<b>Grow Spray</b>		2x/week	2x/week									
<b>Bloom Spray</b>				2x/week	2x/week	2x/week	2x/week					
<b>Silica</b>		2 ml	2 ml	2 ml	2 ml	2 ml						
<b>Flushing Solution</b>												15 ml 2x

For a custom chart go to: [www.xnutrients.com/calculator](http://www.xnutrients.com/calculator)

Maintain pH range of 5.5 to 6.5. Use X Nutrients pH-Up/pH-Down. Always add to water, do not pre-mix.



# XNUTRIENTS



5 Gallon	10 Gallon	25 Gallon	50 Gallon
<b>Basic Program</b> <b>\$2.71 / week</b>	<b>Basic Program</b> <b>\$3.74 / week</b>	<b>Basic Program</b> <b>\$6.77 / week</b>	<b>Basic Program</b> <b>\$13.28 / week</b>
<b>Advanced Program</b> <b>\$3.68 / week</b>	<b>Advanced Program</b> <b>\$5.30 / week</b>	<b>Advanced Program</b> <b>\$10.24 / week</b>	<b>Advanced Program</b> <b>\$19.66 / week</b>

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**For optimal results allow cuttings to sit in MX Clone Gel for 30 seconds. To use MX Clone Gel as a solution add 5ml gel to 3 gallons of water in your aero cloner or to soak your rockwool cubes.**

## GROWER NOTES

- Using amended soil, ease into the schedule and use nutrients as needed to avoid over fertilizing. For cuts, start light nutrients after one week of transplanting.
- When using coco, we add a bit more cal/mag throughout the cycle, and at 5ml once a week, and silica as well at 2-3ml.
- When growing in coco/soil/soiless mediums start nutrients at half dilution then increase in 1/4 increments as needed.
- Always adjust your pH after adding nutrients to your water.
- When using Grow and Bloom sprays, be sure to have a clean and stable environment. Spray as lights come on for best results. Below 80 and above 70 are optimal temps for foliar feeding.
- When transplanting rooted cuttings, make sure your medium is evenly saturated, and has had time to get to room temperature. This reduces shock and helps promote healthy growth almost immediately after transplanting.
- Use our Grow Spray at 5 ml per liter 3 days after you start your clones to get a jump start on your plants vegging process.

February 2013

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6409 Alisal St. • Pleasanton, CA 94566 • 925-215-0745  
www.xnutrients.com