



HYDRoToPS biOpOnic Feeding Schedule

(all figures are provided as a guideline only)

(feed values are per litre of water)	Young Plants	Grow Period Week 1	Grow Period Onwards	Fruiting Week 1	Fruiting Week 2	Fruiting Week 3	Fruiting Week 4	Fruiting Week 5	Fruiting Week 6	Fruiting Week 7	Fruiting Week 8	Flush Week 9 Week 10
Root Stimulator	5 - 10 ml	5 - 10 ml	10 ml	10 ml	7 - 10 ml	5 - 10 ml	5 ml	3 ml	2 ml			
Bactivator	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Head Start	7 - 10 ml	7 ml										
biOpOnic Grow		2 ml	3 - 4 ml	3 ml	2 ml	1 ml						
biOpOnic Leaf Feed	1/2 strength	3/4 strength	Full Strength	Full Strength								
Top Heavy Crop			Yes	Yes	Yes							Yes
biOpOnic Bloom				1 ml	2 ml	3 ml	4 ml	4 ml	4 ml	3 - 4 ml	2 - 3 ml	
biOpOnic Flower Feed					Full Strength	Full Strength	Full Strength					
Triple F						Yes	Yes	Yes	Yes	Yes		
Floral Boost						0.5 ml	1 ml	1 - 2 ml	1 - 2 ml			
biOpOnic Flush												5 - 10 ml*
EC Soft Water	0.6 - 1.2	1.2 - 1.4	1.4 - 1.7	1.5 - 1.8	1.6 - 1.9	1.7 - 2.0	1.8 - 2.1	1.9 - 2.2	1.7 - 2.0	1.4 - 1.8	1.2 - 1.5	0.4 - 0.8
EC Hard Water	0.8 - 1.4	1.4 - 1.6	1.6 - 1.9	1.7 - 2.0	1.8 - 2.1	1.9 - 2.2	2.0 - 2.3	2.1 - 2.4	1.9 - 2.2	1.6 - 2.0	1.6 - 1.9	0.8 - 1.4
pH Guide	5.5 - 6.0	6.0 - 6.3	6.0 - 6.3	6.0 - 6.3	6.0 - 6.3	6.0 - 6.3	6.0 - 6.3	6.0 - 6.3	6.0 - 6.3	6.0 - 6.5	6.0 - 6.3	6.5 - 7.9*

The nutrient ratios and EC levels on the product labels and in the feeding schedule are offered as a guide only. Your experience of the plants you are growing will be the ultimate guide. By monitoring the nutrient strength in the tank as the plants remove solution you are able to set the nutrient strength to suit your plants needs.

If the EC in the tank is rising more than 0.2 to 0.3 points when the plants have removed 25% of the nutrient solution reduce the EC slightly until the EC remains near to the strength set as the plants remove solution from the tank. This can often happen when high temperatures are an issue or the nutrient is set too strong for the plants stage of growth.

If the EC is falling as the plants remove solution increase the nutrient strength in line with your plants needs. Test the EC daily and adjust as necessary. Do not be tempted to add large amounts of water if the EC is rising drastically.

The addition of large volumes of tap water will add significant amounts of calcium and magnesium, especially in hard water areas. This will result in an unbalanced nutrient solution profile possibly causing potassium lock out. It is better to renew the solution with a new mix set at the correct EC for the plants stage of growth and environmental conditions.

For the best results change the tank completely every few days. This is important especially if your tank volume is small. When using Triple F your plants will remove much more solution than usual. Regular changes equal impressive results. For further information see HYDRoToPS Growers Guide 2012/13 section on Managing the Nutrient Solution.

* There is no need to adjust the pH during the flushing period.