

HOW TO MIX PROACTIVE FOR YOUR **WATER TANK**

ProActive feedchart for Hydroponics & Coco based growing methods when using Active Hydroponics Systems NFT, Flood and Drain, Wilma, Aquafarm, IWS, Brummy Bubbler, Multiflow (to name a few).



INTERMEDIATE GROWERS

PROPAGATION		VEGETATION / GROW PERIOD				FLOWERING / BLOOM PERIOD								
LIGHT: 20 HOURS E.C. 1.4		LIGHT: 18 HOURS E.C. 1.6				LIGHT: 12 HOURS								
E.C. 1.4		E.C. 1.6				E.C. 1.6	E.C. 1.7		E.C. 1.8			E.C. 2.0		
WEEK 1	WEEK 2	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9
1ml PER LITRE	1ml PER LITRE	1ml PER LITRE	1ml PER LITRE	1ml PER LITRE	1ml PER LITRE	1ml PER LITRE	1.5ml PER LITRE	1.5ml PER LITRE	2ml PER LITRE	2ml PER LITRE	2ml PER LITRE ALL IN ONE OR PK-B	3ml PER LITRE	3ml PER LITRE	FLUSH
1ml PER LITRE	1ml PER LITRE	0.5ml PER LITRE	0.5ml PER LITRE	0.5ml PER LITRE	0.5ml PER LITRE	0.5ml PER LITRE	0.5ml PER LITRE							
		0.25ml PER LITRE	0.25ml PER LITRE	0.25ml PER LITRE	0.25ml PER LITRE	0.5ml PER LITRE	0.5ml PER LITRE	0.5ml PER LITRE	0.5ml PER LITRE	0.5ml PER LITRE	0.5ml PER LITRE	0.5ml PER LITRE	0.5ml PER LITRE	
						0.5ml PER LITRE	0.5ml PER LITRE	0.5ml PER LITRE	1ml PER LITRE	1ml PER LITRE	1ml PER LITRE	1ml PER LITRE	1ml PER LITRE	

KEY: ALL-IN-ONE NUTRIENT ROOT STIMULATOR SELF DEFENCE BOOST & FUNGICIDE NANO POWER POWDER PK-B

HOW TO MIX PROACTIVE FOR YOUR **WATER TANK**

The chart overleaf, like all nutrient charts, should be treated as a guide, not an exact plan. We are confident this chart is accurate however tap water from area to area differs.

With run to waste and recirculation hydroponics, to get it right, you must learn to read your tank and your plants. Firstly, do NOT grow blindly, you MUST have an EC meter and a pH meter no matter what if you wish to be successful!

We recommend adding the pH Water Conditioner to your water first. Mix it in well and leave for 10 minutes, then you can dose in your additives according to the chart depending on which WEEK you are dosing for. You then add our All-in-One nutrient. Although we have given you the dosage on our chart, it is strongly recommended to add the base nutrient gradually and check the EC with a calibrated EC meter until you reach the desired EC level. Once you have got to this stage and allowed everything to mix in for another 10 minutes or so, check the pH value of the solution again, you will find you may need to add pH down at the end. Do not exceed 0.75ml per litre of the water conditioner, as primarily, this is not a pH down. If the desired pH is not met, use pH down to achieve desired pH level. Do not keep adding water conditioner to lower the pH. A pH level of 6.0 - 6.5 is the ideal range to be in.

Before every application, the bottles should be shaken vigorously, and the same principle employed in the tank, ie. a decent recirculating pump or circulation pump should be employed.

Now comes the secret of recirculating hydroponics...

During growth, as your plants drink and absorb nutrition from your nutrient reservoir, the volume of water will go down. When this level has gone down by approximately 50% check your EC level and pH value. If your EC level is the same as when you dosed your tank, this means your plants are absorbing water and nutrients at the same pace, which means you are spot on. If the EC level has dropped, this means your plants are absorbing nutrients fast and are actually underfed. If the EC level has raised, you guessed it, your plants are overfed. So as you fill up your half full nutrient reservoir with fresh water, diluting the solution down, you are now armed with the knowledge you need to pro rata and adjust the solution accordingly with pH Water Conditioner at half the previous strength, then additives, followed by your All-in-One Nutrient to achieve the desired EC level. Finally adjust the pH value with a little more pH down if necessary.

We only recommend a reservoir dump or drain away if your plants show signs of deficiencies or severe overfeeding or some other anomaly you are unable to figure out. In this case, just to be safe, drain down the reservoir and fill it with fresh water and flush the plants for 24 hours, then drain down the reservoir and refill with fresh water and redo nutrients and start again! Simple and easy and far less wasteful!!!

The chart includes a starting background tap water EC reading of 0.4

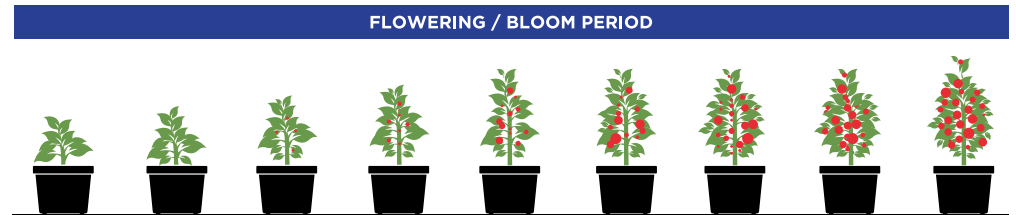
Thank you for choosing ProActive

Jeff Winterbourne



FOLIAR FEEDING

Nutrients to add to your sprayer



FLOWERING / BLOOM PERIOD								
WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9
1 SPOON PER LITRE	1 SPOON PER LITRE	1 SPOON PER LITRE	1 SPOON PER LITRE	1 SPOON PER LITRE	1 SPOON PER LITRE	1 SPOON PER LITRE		
1ml PER LITRE	1ml PER LITRE	1ml PER LITRE	1ml PER LITRE	1ml PER LITRE	1ml PER LITRE	1ml PER LITRE		
1ml PER LITRE	1ml PER LITRE	1ml PER LITRE	1ml PER LITRE	1ml PER LITRE	1ml PER LITRE	1ml PER LITRE		

All three additives can be mixed in one spray bottle or as three separate bottles

REGULAR FOLIAR

Spray **ONCE** per WEEK

INTENSIVE FOLIAR

Spray **3 TIMES** per WEEK

Shake vigorously before each use.

FREQUENTLY ASKED QUESTIONS:

- **WHEN DO I SPRAY MY LEAVES?**
For use in low light or no light levels, ideally 1 hour before the lights go on. Not to be used at night as the plants' fruits will stay wet.
- **HOW MUCH DO I SPRAY?**
Leaves should have a nice even covering from the stem to the the leaf tips. Spray until just before drippage.
- **WHAT HAPPENS IF I SPRAY TOO MUCH?**
If you spray too much, a residue will build up on the leaves, which may look unsightly. Do not overspray.