



Age Old Organics
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Technical Bulletin

ppm chart for Age Old Products

For the proper maintenance of your hydroponic growing systems, you will need to know the pH and the E.C. levels of your water. First measure out 1 gallon of tap water into a clean container. Read the pH and E.C. level. This provides you with the base number or background. You will subtract this number from the totals derived from the nutrient additions made to the gallon of water. Note the results for future reference.

Initial Water Reading		
pH	E.C.	E.C x 500= ppm

Add nutrient to the water and take the pH, and E.C. readings. Subtract the E.C. results from measurement of water from the new results, giving you the actual E.C. level of only the nutrient in that solution. Using the results of your calculations, multiply the E.C. number by 500 to arrive at the ppm of nutrient in the solution.

As a general rule, the ideal level for optimum growth from a balanced formula is 400 to 600 ppm. Consult your local hydroponic store or published literature for recommended levels for the crop you are growing.

ACTUAL NUTRIENT CONTENT PER GALLON OF WATER					
AGE OLD GROW 12-6-6			AGE OLD BLOOM 5-10-5		
Amount	EC	ppm	Amount	E.C.	ppm
One Teaspoon (5ml)	0.18	90	One Teaspoon (5ml)	0.3	150
Two Teaspoons (10 ml)	0.33	165	Two Teaspoons (10 ml)	0.66	330
One Tablespoon (15 ml)	.81	405	One Tablespoon (15 ml)	1.33	665
One Ounce (30 ml)	2.3	715	One Ounce (30 ml)	2.51	1255

ACTUAL NUTRIENT CONTENT PER GALLON OF WATER								
LIQUID SOIL A			LIQUID SOIL B			LIQUID SOIL A AND B TOGETHER		
Amount	EC	ppm	Amount	E.C.	ppm	Amount	E.C.	ppm
One Teaspoon (5ml)	0.18	90	One Teaspoon (5ml)	0.3	150	One Teaspoon A Two Teaspoons B	0.7	350
Two Teaspoons (10 ml)	0.33	165	Two Teaspoons (10 ml)	0.5	250	Two Teaspoons A Two teaspoons B	1.2	600
One Tablespoon (15 ml)	.81	405	One Tablespoon (15 ml)	0.7	350	One Tablespoon A Two Tablespoons B	2.1	1150
One Ounce (30 ml)	2.3	715	One Ounce (30 ml)	1.4	700	Left blank intentionally	-	-

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