

Element	Symbol	Fertilizer ppm	Source Water Analysis ppm	Adjustments ppm	PROFILE ppm	
Nitrate N	NO3	140.7	0	0	141	94.3%
Ammonium N	NH4	8.6	0	0	9	5.7%
Urea N	NH2	0.0	0	0	0	0.0%

Reservoir Volume	US Gal	Liters
	100	378.5

Element	Symbol	Fertilizer ppm	Source Water Analysis ppm	Adjustments ppm	PROFILE ppm
Nitrogen	N Total	149.3	0	0	149
Phosphorus	P	37.2	0	0	37
Potassium	K	180.8	0	0	181
Magnesium	Mg	33.4	0	0	33
Sulfur	S	72.7	0	0	73
Calcium	Ca	142.7	0	0	143
Iron	Fe	4.12153	0	0	4.12153
Boron	B	0.97754	0	0	0.97754
Manganese	Mn	4.49141	0	0	4.49141
Zinc	Zn	2.45707	0	0	2.45707
Molybdenum	Mo	0.07398	0	0	0.07398
Sodium	Na	0.00000	0	0	0.00000
Copper	Cu	1.29458	0	0	1.29458
Chlorine	Cl	0.00000	0	0	0.00000
Cobalt	Co	0.00000	0	0	0.00000
Silicon	Si	0.00000	0	0	0.00000
Selenium	Se	0.00000	0	0	0.00000
Active Elements		629	0	0	629

Estimated TDS@.7	#N/A
Estimated TDS@.5	#N/A
Estimated EC/mS	#N/A
Estimated EC/uS	#N/A

<input type="checkbox"/> Use per Liter dilutions (default=per US Gal)			
<input checked="" type="checkbox"/> Use Weights for Liquids	Grams or mL	liters Needed for	Solute per
	per US Gal	100 Gals	US Gal Liter
Product (solute)			
Hydro	2	200.0	2.00 0.63
CaNO3	3	300.0	3.00 0.79
diamond k mag		0.0	0.00 0.00
MKP	0.16	16.0	0.16 0.04
LKB		0.0	0.00 0.00
Potassium sulfate	0.5	50.0	0.50 0.13
most	0.2	20.0	0.20 0.05
Cost for this solution mix		\$0.00	

Comments:
 full does jacks: 3.687
 Full dose cano3: 2.438
 .07 grams/gal cacl2

The Handy-Dandy Little From-To Converter

Convert	1	tsp	To	ml	=	4.929994084
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For this converter to function, the Excel Analysis ToolPak Add-In must be installed.

Common additions to nutrient solutions

Product	Purity%	Grams or mL added to mix	Element(s) / ppm
Epsom Salts			for your 100 Gallon volume
magnesium sulfate heptahydrate (MgSO4.7H2O)	98%	70	Mg 17.9 S 23.6