

Element	Symbol	Fertilizer ppm	Source Water Analysis ppm	Adjustments ppm	PROFILE ppm	
Nitrate N	NO3	142.3	0	0	142	94.7%
Ammonium N	NH4	8.0	0	0	8	5.3%
Urea N	NH2	0.0	0	0	0	0.0%

Nitrogen	N Total	150.3	0	0	150
Phosphorus	P	49.3	0		49
Potassium	K	258.2	0		258
Magnesium	Mg	45.1	0	0	45
Sulfur	S	81.0	0		81
Calcium	Ca	133.2	0	0	133
Iron	Fe	0.21400	0	0	0.21400
Boron	B	0.35667	0	0	0.35667
Manganese	Mn	0.35667	0	0	0.35667
Zinc	Zn	0.10700	0	0	0.10700
Molybdenum	Mo	0.07133	0	0	0.07133
Sodium	Na	0.00000	0	0	0.00000
Copper	Cu	0.10700	0	0	0.10700
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	718	0	0	718
Estimated TDS@.7	#N/A			
Estimated TDS@.5	#N/A			
Estimated EC/mS	#N/A			
Estimated EC/uS	#N/A			

	US Gal	Liters
Reservoir Volume	100	378.5

%	<input type="checkbox"/> Use per Liter dilutions		(default=per US Gal)	
<input checked="" type="checkbox"/> Use Weights for Liquids	Grams or mL	Ttl Needed for	Solute per	
Product (solute)	per US Gal	100 Gals	US Gal	Liter
Hydro	2.7	270.0	2.70	0.71
CaNO3	2.8	280.0	2.80	0.74
MAP		0.0	0.00	0.00
MKP	0.2	20.0	0.20	0.05
bloom booster		0.0	0.00	0.00
Potassium sulfate	0.5	50.0	0.50	0.13
silica	5	500.0	5.00	1.32
Cost for this solution mix		\$0.00		

Comments:
full does jacks: 3.687
Full dose cano3: 2.438

.2 grams/gal cacl2

5ml grotek silica

The Handy-Dandy Little From-To Converter					
Convert	1	tsp	To	ml	= 4.929994084

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 for your 100 Gallon volume	
Epsom Salts				
magnesium sulfate heptahydrate (MgSO ₄ ·7H ₂ O)	98%	50	Mg	12.8
			S	16.8