

Unified Fertilizer Formulation																							
				standard rate																			
Theoretical breakdown of PPM when injected at		1:100	1:200	1 gallon stock, 3.785 liters				20 gallons, 75.7 liters															
Ammoniacal	N	18	9	Tank A		Tank B		Tank A		Tank B													
Nitrate	N	280	140	Salt	Mass (g)	Salt	Mass (g)	Salt	Mass (g)	Salt	Mass (g)												
Total	N	300	150	Calcium Nitrate	700	Monopotassium Phosphate	167.454	Calcium Nitrate	14000	Monopotassium Phosphate	3349.08												
	P	100	50	Potassium NITRATE	32.394	Magnesium Sulfate	426.4	Potassium NITRATE	647.88	Magnesium Sulfate	8528												
	K	400	200	Iron EDTA	14.4	Potassium SULFATE	213.8	Iron EDTA	288	Potassium SULFATE	4276												
	Ca	350	175	Manganese EDTA	2.922			Manganese EDTA	58.44														
	Mg	110	55	Zinc EDTA	0.27			Zinc EDTA	5.4														
	S	240	120	Copper EDTA	0.108			Copper EDTA	2.16														
	Fe	5.000	2.5	Sodium Molybdate	0.018			Sodium Molybdate	0.36														
	Cu	1.000	0.5																				
	B	1.000	0.5	5 gallons, 18.93 liters																			
	Mn	0.100	0.05	Tank A		Tank B		Tank A		Tank B													
	Mo	0.020	0.01	Salt	Mass (g)	Salt	Mass (g)																
	Zn	0.040	0.02	Calcium Nitrate	3500	Monopotassium Phosphate	837.27																
Greenhouses/ Locations Used:				Potassium NITRATE	161.97	Magnesium Sulfate	2132																
				Iron EDTA	72	Potassium SULFATE	1069																
				Manganese EDTA	14.61																		
				Zinc EDTA	1.35																		
				Copper EDTA	0.54																		
				Sodium Molybdate	0.09																		
				10 gallons, 37.85 liters																			
				Tank A		Tank B		Tank A		Tank B													
				Salt	Mass (g)	Salt	Mass (g)																
				Calcium Nitrate	7000	Monopotassium Phosphate	1674.54																
				Potassium NITRATE	323.94	Magnesium Sulfate	4264																
				Iron EDTA	144	Potassium SULFATE	2138																
				Manganese EDTA	29.22																		
				Zinc EDTA	2.7																		
				Copper EDTA	1.08																		
				Sodium Molybdate	0.18																		