

Hi-K Special

Hi K Special 13-0-44^{PLUS} is all nitrate nitrogen and is an excellent crop toner for any plant variety, especially during periods of low light. Application can be made as early as half way through the total crop time and continued until finished. Being high in potash, it is an excellent late season fertilizer that will help to toughen up Nursery Stock, Trees, Shrubs, Turf and Greens to make them more resistant to frost, snow and ice. As the growing season comes to an end more frequent applications of the 13-0-44 should be made.

It is excellent for overcoming severe potash deficiencies, or applications can be altered with other Nutriculture formulas to prevent a marginal low potash condition.

**MIXING RATE FOR
200 PPM NITROGEN**

HOSE END SPRAYER:

1:15 ratio- Premix
3.08 oz. per gal. (23.08
gms. per litre)

TANK: 0.21 oz. per gal.
(1.54 gms. per litre)

PROPORTIONER:

1:100 ratio use 20.5
oz. per gal. of concen-
trate. (154 gms. per
litre).

OTHER RATIOS:

Multiply ratio times
ounces divided by
100.

OTHER PPM: Multiply
desired PPM times
ounces divided by
200. Increase or
decrease PPMN
according to crop
response.

Guaranteed Analysis

(For continuous liquid feeding)

13-0-44+ Hi-K Special	Percent	Lbs/Ton	Concentration at
Total Nitrogen (N)	13%	272	200 PPM as N
13% Nitrate Nitrogen			
Soluble Potash (K ₂ O)	44%	880	647 as K ₂ O
Boron (B)	0.02%	0.40	0.29 PPM as B
Copper (Cu)	0.05%	1.00	0.74 PPM as Cu
0.05% Chelated Copper (Cu)			
Iron (Fe)	0.10%	2.00	1.47 PPM as Fe
0.10% Chelated Iron (Fe)			
Total Manganese (Mn)	0.05%	1.00	0.74 PPM as Mn
0.05% Chelated Manganese			
Molybdenum (Mo)	0.0009%	0.018	0.01 PPM as Mo
Zinc (Zn)	0.05%	1.00	0.74 PPM as Zn
0.05% Chelated Zinc (Zn)			
Derived from Potassium Nitrate, Borax, Copper EDTA, Iron EDTA, Manganese EDTA and Zinc EDTA. Potential basicity equivalent to 450 lbs. Calcium Carbonate per ton.			

Nitrogen Parts Per Million Chart				
Injector Ratio	Ounces required per Gallon of concentrate			
	100 PPM	150 PPM	200 PPM	300 PPM
1:50	5.13	7.69	10.26	15.39
1:100	10.25	15.37	20.50	30.75
1:150	15.38	23.07	30.76	46.14
1:200	20.50	30.75	41.00	61.50
1:300	30.76	46.14	61.52	92.28
Based on 1/2 gallon per square foot coverage. Two Tablespoons equals One Ounce (approximately) One Cup equals One Pound (approximately)				

Conductivity of 13-0-44+ using distilled water mixed at: (allow +/- 10%)	
50 PPM Nitrogen =	.48 Millimhos/CM
100 PPM Nitrogen =	.95 Millimhos/CM
150 PPM Nitrogen =	1.41 Millimhos/CM
200 PPM Nitrogen =	1.88 Millimhos/CM
300 PPM Nitrogen =	2.83 Millimhos/CM
400 PPM Nitrogen =	3.77 Millimhos/CM
500 PPM Nitrogen =	4.73 Millimhos/CM