



Hi-K Special 13-0-44 PLUS

- Establishes seeds and seedlings fast
- Develops strong roots

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.

Guaranteed Analysis (For continuous liquid feeding)

13-0-44+	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)				
Manganese (Mn)	0.05%	1.00	0.74	PPM as Mn
0.05% Chelated Manganese (Mn)				
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. CAUTION: This fertilizer is to be used on soils which responds to molybdenum. Crops high in molybdenum are toxic to grazing animals. Potential basicity equivalent to 450 lbs. Calcium Carbonate per ton.

MIXING RATE FOR 200 PPM NITROGEN

HOSE END SPRAYER: 1:15 ratio-Premix

3.08 oz. per gal. (23.08 gms. per liter)

TANK: 0.21 oz. per gal. (1.54 gms. per liter) PROPORTIONER: 1:100 ratio use 20.5 oz. per gal. of concentrate. (154 gms. per liter).

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.

NITROGEN PARTS PER MILLION CHART

Parts per Million	50	100	150	200	300	400
Injector Ratios	Ounces required per gal of concentrate					
1:15	.77	1.54	2.31	3.08	4.61	6.15
1:50	2.56	5.13	7.69	10.25	15.40	20.50
1:100	5.13	10.25	15.38	20.50	30.80	41.01
1:200	10.25	20.50	30.76	41.01	61.5	*
1:300	15.38	30.76	46.14	61.51	*	*

EC (+ - 10%) mmhos/cm.48 .95 1.41 1.88 2.83 3.77

*Maximum solubility approx. 60 oz. per gallon

To Order Use Code:

25 lb Bag: 130044+