

NITRO+K 22-0-16

82% TIME-RELEASED METHYLENE NITROGEN

With **POTASSIUM CARBONATE**



- **A Crystal Clear True Solution**
- **Will Not Settle In Stock Tank**

GUARANTEED ANALYSIS:

Total Nitrogen (N) 22%
 4% Urea Nitrogen
 18% Slowly Available Water Soluble Nitrogen*
 Soluble Potash (K₂O) 16%
 Derived From: Low biuret Urea, Methylene Urea, Potassium Carbonate.
 *82% slowly available Nitrogen from Methylene Urea
 Weight per gallon: 12.1 lbs.
 Weight per litre 1.45 kg
 pH 10.5
 1 gallon contains . 2.6 lbs. nitrogen and 1.9 lbs potassium
 1 litre contains . . 0.68 kg nitrogen and 0.23 kg potassium

PRODUCT DESCRIPTION:

Nitro+K is a crystal clear concentrate liquid solution containing a safe, non-burning nitrogen source from methylene polymer and a safe potassium source from potassium carbonate. Nitro+K can be used on any greenhouse or nursery crops. Foliar applications will quickly correct nitrogen and potassium deficiencies. Because of Nitro+K's low phytotoxicity, the volume of water can be reduced during its application to avoid over saturation of the soil. For newly seeded plants, Nitro+K can be applied once seeds have emerged. Since Nitro+K contains methylene polymers, it will not force fast lanky growth. Instead, it provides a steady release of nitrogen, resulting in more uniform plant growth while promoting even growth between internodes. The efficiency of methylene urea can reduce the ppm of nitrogen by 30%, or extend the application intervals.

Nitro+K can be applied through overhead irrigation or as a foliar spray. This crystal clear solution will not settle out in the stock tank, and therefore provides precise analysis of nutrients through the entirety of its use. A major advantage of Nitro+K is its ability to be directly siphoned from the original container with a high ratio proportioner.

Nitro+K has an alkaline pH of 10. Accordingly, it will raise the pH of your stock tank. However, as with all nitrogen fertilizers, it will slowly have an acidifying effect on the soil.

STORAGE & HANDLING:

Nitro+K needs no special agitation. It can be tank mixed with other technical materials. Nitro+K is alkaline (with a pH of 10.5) and compatible with copper-based fungicides.

- **Balanced Ratio Of N To K**
- **No Phytotoxicity, No Salts, No Chlorides**

CROP PROGRAMS	
Plant Type:	Application Rate:
Plugs	Set injector at 100 PPM of Nitrogen. (30 ml per Litre water at 1:100 ratio)
	Foliar Spray 1 gallon per 100 gallons of water. Apply monthly. (1 L per 100 liters water)
Container of Field-Grown Trees, Oaks, Evergreens or Deciduous	Set injector at 150-200 PPM of Nitrogen. Apply monthly. (45 - 60 ml per Litre water at 1:100 ratio)
	Foliar Spray 1 gallon per 100 gallons of water. Apply monthly (1 L per 100 liters water)
Foliage and Ornamental Grasses	Foliar Spray 1 gallon per 100 gallons of water. Apply monthly (1 L per 100 liters water)
Ferns	Foliar Spray: ½ - 1 gallon per acre in a minimum of 100 gallons of water. Apply every other week (½ - 1 Litre per 100 liters water) *Do not mix with any other technical materials

NURSERY APPLICATIONS		
Application	Rate	Notes
Containerized Crops, Woody Ornamentals, Flowering Ornamentals in Shadehouse or Greenhouse, Foliage, Field-Grown Nursery Stock And Trees	Foliar Spray: 1 gallon per 100 gal of water (1 L in 100 L water)	Thoroughly spray to point of run-off. Apply every 2-4 weeks.

Mixing: Nitro+K must first be diluted with water prior to mixing with other nutrients or pesticides. Do not mix concentrated technical materials together without first diluting with water. Care should be taken when blending Nitro+K with highly acidic materials such as phosphoric acid or ammonium sulfate. Neutralize these materials to a pH of 7 or above. Potassium phosphate, potassium chloride, potassium nitrate, urea and urea ammonium nitrate or phosphorus solutions may be readily blended with Nitro+K after dilution with water. The following mixing procedures should be used after Nitro+K has been diluted with water. Add products to mix in this order: 1. wettable powders, 2. flowables, 3. water sol-

NITRO+ K 22-0-16							
Fluid Ounces of Nitro+ K 22-0-16 per Gallon of Stock Tank Water							
PPM Nitrogen	25	50	75	100	150	200	300
PPM Potassium	18	36	54	72	108	144	216
1:500	5	10	15	20	30	41	91
1:300	3	6	9	12	18	24	55
1:200	2	4	6	8	12	16	37
1:100	1	2	3	4	6	8	12
1:50	0.5	1	1.5	2	3	4	6
1:15 Ratio for Hozon Proportioner							
1:15	0.15	0.30	0.46	0.61	0.91	1.22	1.83

ubles, 4. surfactants, 5. emulsifiable concentrates. Be sure to agitate during each addition. Be sure each product is mixed well before adding next and apply all of the mixture that day. Nitro+K can be mixed with copper based fungicides.

CONDITION OF SALE AND WARRANTY:

Growth Products, Ltd. warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. Handling, storage and use of the product by Buyer or User are beyond the control of Growth Products, Ltd. and Seller. Risks such as crop injury or other unintended consequences resulting from, but not limited to, weather or soil conditions, presence of other materials, disease, pests, drift to other crops or property, or failure to follow label directions will be assumed by Buyer or User. IN NO CASE WILL GROWTH PRODUCTS, LTD. OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.

CAUTION: Keep out of reach of children. In case of contact with eyes, flush immediately with copious amounts of water. Contact a physician. Do not take internally.

Manufactured in the USA By:

