

NOTE: This is a specimen label for electronic distribution. Refer to product label on container for specific directions for use.



# MONTEREY N-SLO® K

Contains 10.5% Slowly Available Nitrogen

**READ ENTIRE LABEL BEFORE USING THIS PRODUCT**

### PRODUCT DESCRIPTION

MONTEREY N-SLO K is a slow release nitrogen solution, ideal for turf, horticultural and crop applications. MONTEREY N-SLO K is a reacted UF (ureaform) polymer nitrogen and carbon chain material. MONTEREY N-SLO K is a true solution containing water soluble polymeric nitrogen along with small percentages of free urea. MONTEREY N-SLO K provides residual nitrogen release, low volatilization and reduced leaching. The release of nitrogen from MONTEREY N-SLO K depends on soil microorganisms, hydrolysis and UV radiation. Since this molecule contains carbon, it provides an energy source for microorganisms. The nitrogen release works in conjunction with the increase in soil temperature and microbial activity. This form of nitrogen molecule resists leaching and volatilization, making it an economical and practical nitrogen source. MONTEREY N-SLO K contains no suspended particles, needs no special agitation and can be used along with other technical products for low volume spraying and root injection. It is ideal for fertigation systems where there is concern with clogging and abrasion.

### APPLICATION RECOMMENDATIONS

**SOIL APPLICATIONS FOR TREES AND ORNAMENTALS:** The nitrogen release period for deep root injection depends on the soil and climate conditions. No special agitation is required. For trees, apply 1 lb. nitrogen per 1,000 square feet (under drip line), inject 4" - 8" below soil surface, into root zone, with correctly calibrated tree fertilizer injection equipment. For ornamentals, apply 3/4 lb. nitrogen twice a year, as a soil drench.

**FOLIAR APPLICATIONS FOR VEGETABLES, FIELD CROPS, FRUIT AND NUT CROPS, CITRUS, BERRIES, ORNAMENTALS, etc.:** MONTEREY N-SLO K may be applied to plant foliage to enhance growth and correct nitrogen and potassium deficiencies. Physical compatibility with crop protection pesticides should be checked by a simple jar test. Some combinations may cause phytotoxicity. Combination with phosphorus fertilizers or micronutrients may also be done. Application should be made by the amount of nitrogen desired according to the following chart.

Application Rate	1 Qt. / A	2 Qts. / A	2 Gals. / A
Total Nitrogen Supplied	0.4 lbs. / A	0.8 lbs. / A	3.3 lbs. / A
Total Potassium Supplied	0.4 lbs. / A	0.8 lbs. / A	3.3 lbs. / A

### GUARANTEED ANALYSIS

15-0-15

Total Nitrogen (N) ..... 15.00%  
 4.5% Urea Nitrogen  
 10.5% Slowly Available Water Soluble Nitrogen\*  
 Water Soluble Potash (K<sub>2</sub>O) ..... 15.00%

Derived from Ureaform, Low Biuret Urea and Potassium Carbonate.

\*10.5% Slowly Available Nitrogen from Ureaform.

Weight per gallon = 10.9 lbs. 1 gallon contains 1.64 lbs. nitrogen.



**KEEP OUT OF REACH OF CHILDREN  
 CAUTION: HARMFUL IF SWALLOWED**

### CONDITIONS OF SALE AND WARRANTY

Monterey Chemical Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated when used in accordance with the use directions under normal conditions. Monterey Chemical Company neither makes, nor authorizes any agent or representative to make, any other warranties, express or implied, including fitness or merchantability.

The directions for use of this product are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as timing and method of application, weather and crop conditions, presence of other materials, or other influencing factors, all of which are beyond the control of Monterey Chemical Company and Seller. Buyer and user acknowledge and assume all risks and liability resulting from the handling and use of this material not in strict accordance with directions given herewith. In no case shall Monterey Chemical Company or the Seller be liable for consequential, special, indirect, or incidental damages or losses resulting from the handling or use of this product. The foregoing is a condition of sale by Monterey Chemical Company and is accepted as such by the Buyer.

N-SLO is a registered trademark of Monterey Chemical Company.

### Net Contents:

5 Gallons / 18.9 Liters       250 Gallons / 950 Liters

Manufactured for:

**MONTEREY CHEMICAL COMPANY**

P.O. Box 35000 • Fresno, CA 93745-5000 • (559) 499-2100

**TURF AND LAWN CARE APPLICATIONS:** MONTEREY N-SLO K can be applied throughout the growing season on cool, warm and transitional grasses. Dilute with water according to desired nitrogen rate per 1,000 square feet. MONTEREY N-SLO K is ideal for low volume spraying and is compatible with other N-P-K materials and technical products.

**Examples of MONTEREY N-SLO K and Urea Mixing Rates Using 100 Gal. Tank Mix for a Desired Delivery Rate of 1 Lb. of N/ 1,000 Sq. Ft.**

If You Apply:	50% N-SLO K	50% Urea	75% N-SLO K	25% Urea
5 gal./1,000 sq. ft.	6.1 gal.	22 lbs.	9.2 gal.	11 lbs.
4.5 gal./1,000 sq. ft.	6.7 gal.	24 lbs.	10.1 gal.	12 lbs.
4 gal./1,000 sq. ft.	7.5 gal.	27 lbs.	11.4 gal.	14 lbs.
3.5 gal./1,000 sq. ft.	8.7 gal.	31 lbs.	13.0 gal.	16 lbs.
3 gal./1,000 sq. ft.	10.1 gal.	36 lbs.	15.2 gal.	18 lbs.
2.5 gal./1,000 sq. ft.	12.2 gal.	43 lbs.	18.2 gal.	22 lbs.
2 gal./1,000 sq. ft.	15.2 gal.	54 lbs.	22.7 gal.	27 lbs.
1.5 gal./1,000 sq. ft.	20.2 gal.	72 lbs.	30.4 gal.	36 lbs.
1 gal./1,000 sq. ft.	30.5 gal.	108 lbs.	45.0 gal.	54 lbs.

**GREENS AND TEES APPLICATIONS:** Apply MONTEREY N-SLO K at a rate of between 1/4 lb. to 1 lb. nitrogen per 1,000 sq. ft. Use the conversion chart below for spoon-feeding greens and tees.

### Nitrogen Per Liquid Ounce

10 oz. = 1/8 lb. Nitrogen	29 oz. = 3/8 lb. Nitrogen
13 oz. = 1/6 lb. Nitrogen	39 oz. = 1/2 lb. Nitrogen
19 oz. = 1/4 lb. Nitrogen	1 gal. (128 oz.) = 1.64 lb. N

### STORAGE AND HANDLING

When stored below 32°F for long periods of time, MONTEREY N-SLO K will become cloudy or viscous. When placed in warmer temperatures or mixed with warm water, MONTEREY N-SLO K will regain its normal fluid state. Freezing does not affect the agronomic quality of this product. **Bulk Storage:** MONTEREY N-SLO K can be stored in polypropylene, fiberglass, and stainless steel tanks. Heat does not affect this product. Recommended storage temperature is 40°F and above. When stored outside for long periods of time in temperatures <32°F it is recommended to dilute the concentrate with water by 10-15% to assure fluidity. If temperatures are less than 10°F, store inside warehouse.