

Drexel®

# X<sup>®</sup> 25-0-0

SLOW-RELEASE FOLIAR FERTILIZER

**GUARANTEED ANALYSIS:**

Total Nitrogen (N) ..... 25.00%  
18.8% Urea Nitrogen  
6.2% Other Water Soluble Nitrogen\*  
Derived from Urea and Methylene ureas.  
Chlorine (Cl), maximum 0.01%.  
\* 6.2% Slow-Release Nitrogen derived from Methylene ureas.  
Density, Lbs./Gallon @ 70°F: 9.8 Lbs. (4.45 Kg)

**KEEP OUT OF REACH OF CHILDREN  
WARNING**



**See FIRST AID Below  
Read Entire Label Before Using This Product  
Refer to SDS for Health, Safety and Environmental  
Information.**

**PRODUCT TO BE USED IN SEASON PURCHASED.**

**Net Content:  
2.5 gal (9.46 l)**

**F1743**

Information about the components of this lot of fertilizer material may be obtained by writing to Drexel Chemical Company, P.O. Box 13327, Memphis, TN 38113-0327, and giving the lot number found on the container.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.htm>.

**PRECAUTIONARY STATEMENTS**

**WARNING:** Causes skin and eye irritation. Harmful if swallowed. Do not get on skin, in eyes or on clothing. Take off contaminated clothing and wash before reuse. If swallowed, call poison center, doctor/physician if you feel unwell. Do not eat, drink or smoke when using this product. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, chewing gum, using tobacco or using the toilet. Do not apply this product in such a manner as to directly expose workers or other persons. If product is being mixed with pesticides, spray adjuvants and/or compatibility agents, follow the FIRST AID and Precautionary Statements on the product's labeling.

**PERSONAL PROTECTION EQUIPMENT (PPE)**

Wear eye protection, face protection, protective clothing and protective gloves.

**FIRST AID**

**IF ON SKIN OR CLOTHING:**

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 to 20 minutes.
- If skin irritation occurs, get medical advice.

**IF IN EYES:**

- Rinse cautiously with water for 15 to 20 minutes.
- Remove contact lenses, if present and easy to do so. Continue rinsing.
- If eye irritation persists, get medical attention.

**IF SWALLOWED:**

- Call a poison control center or doctor if you feel unwell.
- Rinse mouth.

**IF INHALED:**

- Move person to fresh air and keep comfortable.
- Call poison control center or doctor for treatment advice if you feel unwell.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency call CHEMTREC at 1-800-424-9300.

X and the DREXEL logo are registered trademarks of Drexel Chemical Company.  
Disclaimer: Always refer to the label on the product before using this or any other Drexel product.



Manufactured By:  
**Drexel Chemical Company**  
P. O. Box 13327, Memphis, TN 38113-0327  
(901) 774-4370  
**SINCE 1972**

## GENERAL INFORMATION

X 25-0-0 is a clear liquid, deriving its slow-release properties from methylene ureas (estimated release pattern is 8 to 12 weeks). X 25-0-0 is recommended for Field crops, Vegetable crops, Fruit and Nut crops, Commercial Christmas trees, Ornamentals, Turf<sup>(1)</sup> and Nursery stock. X 25-0-0 is ideal for drip irrigation systems, ground and aerial applications. It is compatible with other NPK fertilizers, and can be tank-mixed with most herbicides, insecticides and fungicides. Avoid strong acids or contact with aluminum, mild steel and brass. Jar tests should be performed to confirm compatibility before mixing with other components. One gallon of this product contains 2.45 pounds of Nitrogen (N). 0.61 pounds per gallon of Nitrogen, out of 2.45 pounds per gallon of the total Nitrogen in this product, is slow-release.

Foliar fertilization is intended as a supplement to a regular fertilization program and may not, by itself, provide all the nutrients normally required by crops or other intended plants.

**PRECAUTION:** It is best to apply this product in the early morning or late evening to avoid crop injury. As with the use of any agrichemical, crop injury is always possible. Crop stress can be brought on by various environmental and/or agronomic factors, especially those associated with dry conditions and high temperatures. The user is responsible for all risks associated with use and handling. Normal vegetative and/or reproductive growth is not expected to be adversely affected in most situations when this product is used according to label directions.

## RECOMMENDED RATES

Rates and timing of applications are dependent on local conditions, and should always be made as a result of soil or plant tissue analysis. When used as directed, this product does not supply all the nutrients required by plants and is to supplement a soil fertility program based on soil tests. Please refer to your local dealer representative or extension agent for use guidelines. Ground or aerial systems may be utilized to deliver X 25-0-0. Use sufficient water to ensure thorough coverage. Product may be applied either diluted or undiluted. Unless otherwise listed below, a general rate for most other crops would be 4 to 6 quarts per acre when sufficient foliage is present. Higher rates may be applied if done so first on a small test area to determine acceptability.

Use in accordance with recommendations of a qualified individual or institution, such as, but not limited to, a certified crop advisor, agronomist, university crop extension publication, or apply according to recommendations in your approved nutrient management plan.

**Alfalfa:** Apply 4 to 6 quarts per acre after each cutting when sufficient foliage is present.

**Almonds:** Apply 6 to 10 quarts per acre at full leaf. Repeat at early nut expansion.

**Apples:** Apply 4 to 6 quarts per acre prior to fruit set or post-harvest.

**Asparagus:** Apply 6 to 10 quarts per acre at the beginning of mid-fern development and repeat at 14 to 21 day intervals.

**Beans (Dry):** Single Application: Apply 10 quarts per acre at early pod formation. Multiple Application: Apply 4 to 6 quarts per acre at early full flower and repeat in 10 to 14 days.

**Beans (Green, Lima):** Apply 4 to 6 quarts per acre at early flower and repeat in 7 to 10 days.

**Broccoli:** Apply 6 to 10 quarts per acre after thinning, then repeat 3 weeks before head formation. Repeat again in 7 to 10 days.

**Cabbage:** Apply 6 to 10 quarts per acre after thinning, then repeat at early head formation. Repeat again in 14 to 21 days.

**Caneberries:** Apply 4 to 6 quarts per acre prior to fruit set.

**Canola:** Apply 4 to 8 quarts per acre pre-bloom.

**Cantaloupes:** Apply 6 to 10 quarts per acre at early flowering and repeat in 7 to 10 days.

**Cauliflower:** Apply 6 to 10 quarts per acre after thinning or transplant, then repeat at early head set. Repeat again at 10 to 14 day intervals.

**Celery:** Apply 4 to 6 quarts per acre when plants are 8 to 12 inches tall and repeat at 10 to 14 day intervals.

**Cherries:** Apply 4 to 6 quarts per acre prior to fruit set.

**Christmas Trees (Commercial):** Apply 4 to 10 quarts per acre (2.94 to 7.35 fluid ounces per 1,000 square feet) when sufficient foliage is present.

**Citrus:** Apply 4 to 6 quarts per acre at early bloom and repeat after fruit set.

**Corn, Corn (Seed), Corn (Sweet):** Apply 3 to 5 gallons per acre foliarly at V-6 to V-8 stage as a partial side-dress Nitrogen (N) replacement. Apply 1 to 3 gallons per acre foliarly at pre-tassel as a Nitrogen (N) supplement. Apply 1 to 2 gallons per acre foliarly at VT to R-2 stage with fungicides or insecticides. Maximum replacement

value of side-dress Nitrogen (N): 3.0 gallons of this product = 37.5 pounds Nitrogen (N); 4.0 gallons of this product = 50.0 pounds Nitrogen (N); 5.0 gallons of this product = 64.0 pounds Nitrogen (N).

**Cotton:** Seeding Stage: Apply 3 to 4 quarts per acre when first true leaves appear. After Seedling Stage: Apply 2 to 4 quarts per acre. Boll Development: 4 to 12 quarts per acre at early boll formation and repeat at 14 to 21 day intervals.

**Cranberries:** Apply 4 to 6 quarts per acre at hook stage and repeat after fruit set.

**Cucumbers:** Single Application: Apply 10 to 16 quarts per acre at early fruit set. Multiple Applications: Apply 4 to 6 quarts per acre at early flowering and repeat at 10 to 14 day intervals.

**Filberts:** Single Application: Apply 10 to 16 quarts per acre at early nut filling. Multiple Applications: Apply 4 to 6 quarts per acre at early leaf expansion and repeat at 14 to 21 day intervals.

**Flax:** Apply 6 to 10 quarts per acre at early boll development.

**Grain Sorghum:** Apply 4 to 6 quarts per acre after pollination.

**Grapes:** Apply 2 to 4 quarts per acre prior to fruit set.

**Grass (Seed Production):** Apply 10 to 16 quarts per acre at seed head elongation.

**Hops:** Apply 4 to 6 quarts per acre before cone development.

**Lentils:** Apply 4 to 6 quarts per acre at early flowering and repeat at 10 to 14 day intervals.

**Lettuce:** Apply 4 to 6 quarts per acre after thinning, then repeat at early head formation. Repeat again at 10 to 14 day intervals.

**Nectarines:** Apply 6 to 10 quarts per acre prior to fruit set.

**Nursery Stock:** Apply 4 to 10 quarts per acre (2.94 to 7.35 fluid ounces per 1,000 square feet) when sufficient foliage is present. **PRECAUTION:** If applying this product undiluted to nursery stock, avoid possible leaf/tip burn by testing a small sampling of plants for at least one week prior to applying product to entire stock.

**Okra:** Apply 4 to 6 quarts per acre at bud stage and repeat at 10 to 14 day intervals.

**Olives:** Apply 4 to 6 quarts per acre at early fruit development and repeat as needed.

**Onions:** Apply 4 to 6 quarts per acre at mid-set development and repeat at 14 to 21 day intervals.

**Ornamentals:** Apply 4 to 10 quarts per acre (2.94 to 7.35 fluid ounces per 1,000 square feet) when sufficient foliage is present. **PRECAUTION:** If applying this product undiluted to ornamentals, avoid possible leaf/tip burn by testing a small sampling of plants for at least one week prior to applying product to entire stock.

**Peaches:** Apply 6 to 10 quarts per acre prior to fruit set.

**Peanuts:** Single Application: Apply 10 to 16 quarts per acre at early pod development. Multiple Application: Apply 4 to 6 quarts per application at early bloom and repeat at 14 to 21 day intervals until pods are filled.

**Pears:** Apply 4 to 6 quarts per acre prior to fruit set or post-harvest.

**Peas:** Apply 4 to 6 quarts per acre at early flowering and repeat in 10 to 14 days.

**Pecans:** Apply 4 to 6 quarts per acre at full leaf and repeat at early nut expansion.

**Peppers:** Apply 4 to 6 quarts per acre at early fruit set and repeat in 10 to 14 days.

**Plums:** Apply 6 to 10 quarts per acre prior to fruit set.

**Potatoes:** Single Application: Apply 10 to 16 quarts per acre at mid-tuber development. Multiple Application: Apply 4 to 6 quarts per acre at tuber initiation and repeat at 10 to 14 day intervals until maximum tuber development is reached.

**Rice:** Apply 6 to 10 quarts per acre at panicle emergence.

**Small Grains:** Apply 1 to 3 gallons per acre foliarly from spring greenup to early joint (Feekes 8) as a partial replacement of soil-applied Nitrogen (N). Apply 1 to 3 gallons per acre at or near flag leaf stage as a Nitrogen (N) supplement. Maximum replacement value for partial Nitrogen (N) replacement: 3.0 gallons = 30.0 pounds Nitrogen (N). Consult your local agricultural extension agent for conditions in your area that may affect the maximum replacement value.

**Soybeans:** Apply 1 to 3 gallons per acre at V6 to R4 stage as a Nitrogen (N) supplement.

**Spinach:** Apply 6 to 10 quarts per acre when sufficient foliage is present and repeat in 14 to 21 days.

**Squash:** Apply 6 to 10 quarts per acre at early fruit set and repeat at 10 to 14 day intervals.

**Strawberries:** Apply 2 to 3 quarts per acre at early flowering and repeat every 14 days. First fall application may be applied when the height of new growth is at least 3 inches.

**Sugar Beets:** Apply 10 quarts per acre at the 10 to 12 leaf stage and repeat at the 20 leaf stage.

**Sunflower:** Apply 4 to 6 quarts per acre when outer seeds start to fill and repeat in 10 to 14 days.

**Sweet Potatoes:** Apply 4 to 6 quarts per acre at tuber initiation and repeat in 10 to 14 days.

**Tobacco:** Apply 6 to 10 quarts per acre at plant bed stage to near maturity as needed to maintain growth and quality.

**Tomatoes (Process):** Single Application: Apply 10 quarts per acre 10 to 14 days after full bloom. Multiple Applications: Apply 4 to 6 quarts per acre at full bloom. Repeat at 10 to 14 day intervals.

**Turf<sup>(1)(2)</sup>; Bent Grass:** Apply 4.5 to 6.8 pounds of Nitrogen per 1,000 square feet per year. May apply in multiple applications of 0.125 to 0.25 pounds of Nitrogen. **Bermuda Grass:** Apply 9.0 to 11.5 pounds of Nitrogen per 1,000 square feet per year. May apply in multiple applications of 0.25 pounds to 0.5 pounds of Nitrogen. <sup>(2)</sup>Apply no more than 0.7 pounds per 1,000 square feet of readily available Nitrogen as defined by the Association of American Plant Food Control Officials (AAPFCO) during any given 30 day period. **Blue Grass (includes other Cool Season Grass):** Apply 3.75 to 4.25 pounds of Nitrogen per 1,000 square feet per year. May apply in multiple applications as needed. <sup>(2)</sup> Apply no more than 0.9 pounds of Nitrogen per 1,000 square feet of total Nitrogen on cool season grasses during any given 30 day period. **St. Augustine (includes other Warm Season Grass):** Apply 2.5 to 3.5 pounds of Nitrogen per 1,000 square feet per year. <sup>(2)</sup>Apply no more than 1.0 pounds of Nitrogen per 1,000 square feet of total Nitrogen on warm season grasses during any given 30 day period. May apply in multiple applications as needed. For all Turf recommendations above, in areas with prolonged growing seasons, areas of high foot traffic or in "grow-in" situations, higher rates may be used. <sup>(2)</sup>DO NOT APPLY NEAR WATER, STORM DRAINS OR DRAINAGE DITCHES. DO NOT APPLY IF HEAVY RAIN IS EXPECTED. APPLY THIS PRODUCT ONLY TO YOUR LAWN/ GARDEN.

**(1) FOR USE IN FLORIDA:**

We recommend that you follow the Green Industries BMP's at:

<http://www.flaes.org/pdf/Green%20Industries%20BMP's.pdf>

and the Golf Course BMP's at:

<http://www.flaes.org/pdf/Golf%20Course%20BMP's.pdf>.

**(2) FOR USE IN VIRGINIA:**

We recommend that you follow the application rates as defined by the Association of American Plant Food Control Officials (AAPFCO). Apply no more than 2.5 pounds of Nitrogen per 1,000 square feet per application, with a release rate of no more than 0.7 pounds per 1,000 square feet per 30 days. The total annual application rate shall not exceed 80% of the Nitrogen rates recommended for cool and warm season grasses in the Virginia Nutrients Management Standards and Criteria.

**Trees:** Root-injection or flood irrigation: Apply 2.0 pounds of Nitrogen per 1,000 square feet of landscape area. A minimum of two applications per year is recommended. Foliar application: Apply 0.5 gallons per 100 gallons of spray solution.

**Shrubs:** Root-injection or flood irrigation: Apply 2.0 pounds of Nitrogen per 1,000 square feet of landscape area. A minimum of two applications per year is recommended. Foliar application: Apply 0.5 gallons per 100 gallons of spray solution.

**Watermelons:** Apply 6 to 10 quarts per acre at early flowering and repeat 7 to 10 days later.

**TANK MIXING AND BLENDING**

Dilute with water and blend with other nutrients and pesticides only at the time of application and in the amounts required.

Fill the clean spray or mix tank half-way with water, begin agitation, add other materials in the following sequence (unless otherwise directed by their labeling):

1. Add one-half total water to the tank.
2. Turn on the recirculation line.
3. Add prescribed amount of X 25-0-0 to the tank.
4. Add any soluble powders.
5. Add liquid flowable materials.
6. Bring water to volume and recirculate before spraying.

**STORAGE AND DISPOSAL**

**STORAGE:** Store at temperatures between 35°F – 90°F. Keep out of reach of children and animals in a cool, dry chemical storage area. Keep container tightly closed. Do not allow water to be introduced into the container contents.

**DISPOSAL:** Dispose of empty containers by triple rinsing with detergent solution or puncture and discard empty containers in a landfill in accordance with current Local, State and Federal regulations. Do not contaminate water sources by cleaning of equipment or disposal of waste.

**WARRANTY—CONDITIONS OF SALE**

OUR DIRECTIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the Seller. To the extent consistent with applicable law, Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith.

To the extent consistent with applicable law, in no case shall the Manufacturer or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.