Drexel®

X® 28-0-0

Slow-Release Nitrogen Fertilizer Solution

GUARANTEED ANALYSIS:

Total Nitrogen (N) 28%
7.8% Urea Nitrogen
20.2% Other Water Soluble Nitrogen*
Derived from Urea-Triazone solution.
Chlorine (Cl), maximum 0.01%
* 20.2% Slow-Release Nitrogen derived from Urea-Triazone solution.
Density, Lbs/Gallon @ 60°F: 10.6 Lbs (4.8 Kg)

KEEP OUT OF REACH OF CHILDREN

CAUTION

Read Entire Label Before Using This Product.
Harmful if swallowed.
Avoid contact with eyes, skin, and clothing.
Refer to MSDS for health, safety and environmental information.
PRODUCT TO BE USED IN SEASON PURCHASED.

NET CONTENT:

- ☐ **2.5 Gals. (9.46 L)**
  Net Wt.: 26.5 Lbs. (12.02 Kg)
- ☐ **2 x 2.5 Gals. (2 x 9.46 L)**
  Net Wt.: 53.0 Lbs. (24.04 Kg)
- ☐ **2.64 Gals. (10.0 L)**
  Net Wt.: 27.98 Lbs. (12.69 Kg)
- ☐ **2 x 2.64 Gals. (2 x 10.0 L)**
  Net Wt.: 55.96 Lbs. (25.38 Kg)
- ☐ **52.84 Gals. (200.0 L)**
  Net Wt.: 560.10 Lbs. (254.06 Kg)
- ☐ **275 Gals. (1041 L)**
  Net Wt.: 2915 Lbs. (1322.2 Kg)

☐ **BULK** _____

Net Wt.: _____

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.

FIRST AID
IF IN EYES: • Immediately rinse with water for 15 minutes. • Remove contact lenses. • Seek medical attention.
IF ON SKIN: • Remove contaminated clothing and wash skin with soap and water. • Seek medical attention if irritation develops or persists.
IF SWALLOWED: • Immediately rinse mouth and give large quantities of water. • Get medical attention immediately.
IF INHALED: • Move person to fresh air. • Seek medical attention.
NOTE: For additional information call CHEMTREC 800-424-9300.

GENERAL INFORMATION

X 28-0-0 is a clear liquid, deriving its slow-release properties from Triazone nitrogen (estimated release pattern is 8-12 weeks). X 28-0-0 is recommended for agricultural crops (row, vegetable, fruit, nut, field) and turf[1] and horticultural applications. X 28-0-0 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.

X 28-0-0 contains 2.14 lbs./gal. controlled-release Nitrogen, out of the 2.97 lbs./gal. Total Nitrogen in this product.

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.

Manufactured By:
Drexel Chemical Company
P.O. BOX 13327, MEMPHIS, TN 38113-0327
SINCE 1972

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.

Use sufficient water to ensure thorough coverage. If applied within one hour of rain, X 28-0-0 should not be affected.

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.

AGRICULTURAL RECOMMENDATIONS

RECOMMENDED FOLIAR RATES

ALMONDS: Pre-pink bud to early bloom, apply 1 – 1.5 gals./acre. Repeat in 30 days using 2 – 2.5 gals./acre. Higher rates may be used for larger trees or when more foliage is present. Post- harvest: 1 or 2 applications of 3 – 5 gals./acre.

APPLES: Bud swell to king bloom, apply 1 – 1.5 gals./acre. Repeat in 30 days using 1 – 1.5 gals./acre. 30 – 40 days prior to harvest for sizing, apply 1 – 1.5 gals./acre. Post-harvest: 1 or 2 applications of 3 – 5 gals./acre.

APRICOTS, NECTARINES, PEACHES, PLUMS, PRUNES: Bud swell to early bloom, apply 1 – 1.5 gals./acre. Repeat in 30 days. 4 – 6 weeks prior to harvest, apply 2 – 4 gals./acre for improved fruit sizing, firmness and reduction in green shoulders. Tree size and conditions may affect rate. Adjust accordingly. Post-harvest: 1 or 2 applications of 5 – 10 gals./acre. Compatible with zinc.

ASPARAGUS: Apply 1 – 2 gals./acre at mid-fern development. Repeat at 14 to 21 day intervals.

BEANS, DRY: Early bloom, apply 2 – 3 gals./acre. Repeat after pods form.

BEANS, GREEN: Shortly after first flowers appear, apply 1 – 3 gals./acre. Repeat 10 – 14 days later.

BEANS, LIMA: Early bloom, apply 2 – 3 gals./acre. Repeat after pod fill begins.

BEANS, SNAP: Early bloom, apply 3 gals./acre. This product can be applied with fungicide(s) and in split applications.

BLUEBERRIES: Apply 1 – 2 gals./acre at early fruit set. Repeat at early fruit color.

BROCCOLI, CABBAGE (BOK CHOY & NAPA), CAULIFLOWER: Early head formation, apply 2 – 3 gals./acre. Repeat 7 – 10 days later.

CANEBERRIES: Apply 1 – 2 gals./acre prior to fruit set.

CANTALOUPES, CUCUMBERS, PUMPKINS, SQUASH, WATERMELONS: Early bloom, apply 1 – 3 gals./acre. Repeat approximately 4 weeks later.

CARROTS: Apply 1 – 2 gals/acre when plants are 3 to 6 inches tall. Repeat at 3 week intervals, or as required.

CELERY: 10 days after transplanting, apply 1 – 2 gals./acre. Repeat at 2 gals./acre in 3 intervals until 3 weeks prior to harvest, using 7 – 8 gallons total over crop.

CITRUS: Pre-bloom or bloom, apply 1 – 5 gals./acre. Repeat 30 days later. Additional applications as required for nitrogen needs.

CORN: After pollination, apply 2 – 3 gals./acre.

CORN (SEED): Before detasseling, apply 2 – 3 gals./acre. Repeat after pollination.

COTTON: Early Season: After plants reach the 4 leaf stage, apply 1 – 2 qts./acre in an over-the-row application. Mid-Season: Early bloom, apply 2 – 5 gals./acre. Repeat as necessary.

CRANBERRIES: Apply 1 – 2 gals./acre at hook stage. Repeat after fruit set.

GARLIC: Spray 1 – 2 gals./acre directed over row from 10 – 12 inches height. Repeat 3 – 4 applications.

GRAPES (SEED PRODUCTION): Pre-bloom, apply 1 – 1.5 gals./acre. Seed head elongation, apply 2 – 3 gals./acre. Pencross Stolens, apply 1 – 2 gals./acre.

GRAPES (TABLE): As determined by nitrogen requirements, apply 1 – 2 gals./acre. May also be applied at this rate to increase canopy and reduce sunburn.

HAZELNUTS: Early leaf expansion, apply 1 – 1.5 gals./acre. Repeat at 14 – 21 day intervals. Post Harvest: 1 or 2 applications of 3 – 5 gals./acre to strengthen buds.

KALE: Apply 1 – 2 gals./acre when sufficient foliage is present.

LENTILS: Early FloweringL Apply 1 – 2 gals./acre. Repeat at 10 to 14 day intervals.

LETTUCE: After thinning, apply 2 – 3 gals./acre. Repeat 14 days later and 14 days pre-harvest.

MINT (PEPPERMINT, SPEARMINT): For row or established mint. May be combined with other nutrients or pesticides when properly buffered. X 28-0-0 pH is 9.0 – 10.0. Apply in sufficient water, minimum of 20 gals./acre to provide thorough coverage to foliage.

End of March or early April, apply 2 – 3 gals./acre.

Post-flame, late April or early May, apply 3 – 5 gals./acre. May be combined with fungicide(s).

Mid-June, apply 2 – 3 gals./acre. May be combined with pesticide(s).

Mid-July, apply 3 – 5 gals./acre. May be combined with pesticide(s).

Post-harvest, apply 2 – 3 gals./acre.

OKRA: Apply 1 – 2 gals/acre at bud stage and repeat at 10 to 14 days intervals.

OLIVES: Pre-bloom, apply 1 – 3 gals./acre. Repeat in 30 days. Apply 4 – 5 gals./acre 4 – 6 weeks prior to harvest.

ONIONS: When onions reach 6 – 8 inches, apply 2 gals./acre. Repeat during bulb fill, and again in 2 weeks prior to harvest.

PEANUTS: Early bloom, apply 3 – 5 gals./acre. Repeat as necessary until pods are filled.

PEARS (BARTLETT): Pre-bloom, apply 1 – 1.5 gals./acre. Repeat every 30 days until 4 weeks prior to harvest. PRECAUTION: Exercise extreme caution for those varieties (i.e., D'Anjou) that are more sensitive under certain conditions. Post-harvest: 1 or 2 applications of 5 – 10 gals./acre.

PEAS: Shortly after first flowers appear, apply 1 – 3 gals./acre. Repeat 10 – 14 days later.

PEPPERS: Early bloom, apply 2 – 3 gals./acre. Repeat 14 days later to improve canopy and reduce sunburn.

POTATOES: Prior to tuberization and at early bloom, apply 2 gals./acre. Using fertigation system, apply a third application of 2 gals./acre 2 – 3 weeks after bloom spray, if needed. May be combined with other nutrients or pesticides when properly buffered. X 28-0-0 pH is 9.0 – 10.0.

RICE: Flag leaf emergence, apply 5 gals./acre. Repeat as necessary to address nitrogen needs.

SAFFLOWER: Early bloom, apply 3 – 5 gals./acre.

SEED CROPS: Early bloom, apply 1.5 – 2 gals./acre. Repeat 3 – 4 weeks later using 2 gals./acre. To fill out seed, apply 30 – 60 days prior to harvest using 2 gals./acre.

SOYBEANS: Early pod, apply 2 – 3 gals./acre. Repeat in 14 – 21 days.

SPINACH: When adequate foliage is present, apply 2 – 3 gals./acre. For double cropping, repeat 7 – 10 days prior to harvest.

STRAWBERRIES: Early bloom, apply 1 – 3 gals./acre. Repeat 14 – 21 days later.

SWEET CORN: Early tassle stage at 12 – 14 in. in height, apply 2 – 3 gals./acre. Repeat at early silk stage.

TOBACCO: Plant bed stage, apply 3 – 6 qts./acre until to near maturity as needed to maintain crop growth and quality. PRECAUTION: DO NOT use in transplant water.

TOMATOES: Early bloom, apply 2 – 3 gals./acre. Repeat at fruit set and again 15 – 30 days later. To strengthen canopy and reduce sunburn, 3 – 4 weeks prior to harvest, apply using 3 – 4 gals./acre.

WALNUTS: To address nitrogen needs, apply 1 – 1.5 gals./acre (California: mid-June to late July).

WHEAT: Flag leaf stage (6th or 7th true leaf), apply 2 – 5 gals./acre. Rate will depend on residual soil fertilizer, rainfall, etc. If applying with herbicides, reduce rate to 1 – 2 gals./acre.

YOUNG TREES: Apply 5 gals. this product in 100 gals. of water.

RECOMMENDED DRIP FERTIGATION RATES

GRAPES: Apply three applications per season using 3 – 5 gals./acre.

LETTUCE: Apply at first irrigation using 3 – 5 gals./acre. Repeat as necessary.

STRAWBERRIES: Apply twice a month using 3 – 5 gals./acre. In California, continue this recommendation for five to six months.

TOMATOES/ PEPPERS: Apply twice a month using 3 – 5 gals./acre. Continue this recommendation for three to four months.

TREES & VINES: In sandy soil, apply every 30 days using 5 gals./acre. Fertilizer efficiency can be improved by applying in combination with other drip materials at 25% and 50% ratios.

RECOMMENDED APPLICATION TO FRUIT AND NUT TREES PRE-BLOOM THROUGH BLOOM

ALMONDS, APRICOTS, CITRUS, FILBERTS, KIWI, NECTARINES, PEACHES, PLUMS AND WALNUTS: Pink bud, popcorn, or early bloom, apply 1 – 1.5 gals./acre. Petal fall to thirty days after bloom spray, apply 2 – 2.5 gals./acre. Use sufficient water for thorough coverage. Flower

initiation will be increased and therefore result in increased fruit and nut yields.

CHERRIES: Early bloom through petal fall, apply 0.5 – 1 gal./acre. Use sufficient water for thorough coverage.

PISTACHIO TREES: After leaf emergence begins, apply 1 – 2 gals./acre. Use sufficient water for thorough coverage.

TURF[(1)] AND HORTICULTURAL RECOMMENDATIONS

PRECAUTION: Do not exceed 2.0 lbs. of nitrogen per 1,000 sq. ft. per application. Apply using a minimum of 2 – 5 gals. water per 1,000 sq. ft.

RECOMMENDED GRASS RATES[(1)]

Use higher rates in areas with prolonged growing seasons, areas of high use or "grow in" situations.

BENT GRASS: 4.5 – 6.8 lbs. of nitrogen per 1,000 sq. ft. per year. Apply in multiple applications of 0.125 to 0.25 lbs. of nitrogen.

BERMUDA GRASS: 9 – 11.5 lbs. of nitrogen per 1,000 sq. ft. per year. Apply in multiple applications of 0.25 to 0.5 lbs. of nitrogen.

BLUE GRASS & OTHER COOL SEASON GRASSES: 3.75 – 4.25 lbs. of nitrogen per 1,000 sq. ft. per year. Apply in multiple applications.

ST. AUGUSTINE & OTHER WARM SEASON GRASSES: 2.5 – 3.5 lbs. of nitrogen per 1,000 sq. ft. per year. Apply in multiple applications.

(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.

RECOMMENDED ORNAMENTAL & CONTAINER GROWN PLANT MATERIAL RATES:

Fertigation: Irrigation system or soil drench, apply 0.5 – 2 gals./acre. Repeat as necessary to maintain optimal plant growth & plant vigor.

PRECAUTION: Check with your local or state agency for anti-syphon requirements.

Foliar Application: To address nitrogen needs, apply 0.5 – 1 gal. this product per 100 gallons of water per application.

RECOMMENDED TREE & SHRUB RATES:

1 – 3 lbs. of nitrogen per 1,000 sq. ft. of landscape area root, soil-injected or flood-applied at a minimum of 1 to 2 applications per year.

Foliar Application: Mix 0.5 – 1 gal. this product per 100 gallons of water and spray to run off. Repeat as necessary to maintain optimal growth and plant vigor.

Soil Injection Mixing Rates: To apply 1 lb. of nitrogen per 1,000 sq. ft. using 10 gal. total volume, inject into the soil 4" - 8" deep.

SLOW-RELEASE NITROGEN SUPPLIED			
Application Rate		Total Nitrogen Supplied	Slow-Release Nitrogen Supplied
Pints	Ounces	Pounds	Pounds
1	16	0.37	0.27
2	32	0.74	0.54
3	48	1.11	0.80
4	64	1.48	1.07
5	80	1.86	1.34
6	96	2.23	1.61
7	112	2.60	1.87
8	128	2.97	2.14

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. Add concentrate to injection tank for fertigation treatments. 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 1/2 total water to the tank.
2. Turn on the recirculation line.
3. Add prescribed amount of X 28-0-0 to the tank.
4. Add liquid flowable materials.
5. Add any soluble powders.
6. Bring water to volume and recirculate before spraying.

TANK CAPACITY	FERTILIZER REQUIRED	WATER	SQ. FT. COVERED
50 GAL.	1.7 GAL.	48.3 GAL.	5,000
100 GAL.	3.4 GAL.	96.6 GAL.	10,000
150 GAL.	5.0 GAL.	145.0 GAL.	15,000
200 GAL.	6.8 GAL.	193.2 GAL.	20,000
300 GAL.	10.2 GAL.	289.8 GAL.	30,000
400 GAL.	13.6 GAL.	386.4 GAL.	40,000
500 GAL.	17.0 GAL.	483.0 GAL.	50,000

STORAGE AND DISPOSAL

Store in a cool location out of reach of children and animals. Triple rinse empty containers, then offer for recycling or disposal in accordance with local, state, and federal regulations.

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.