AP N-Jet

28-0-0

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. You may also call CHEMTREC at 1-800-424-9300 for emergency.

GENERAL INFORMATION

AP N-Jet 28-0-0 is a clear liquid, deriving its slow-release properties from Triazone nitrogen (estimated release pattern is 8 to 12 weeks). AP N-Jet 28-0-0 release pattern can be enhanced by blending it with a low-biuret Urea such as 46-0-0, especially in the Spring and Fall, or during other cool temperature periods. AP N-Jet 28-0-0 is recommended for agricultural crops (Row, Vegetable, Fruit, Nut, Field) and Turf and horticultural applications. AP N-Jet 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.
AP N-Jet 28-0-0 contains 2.14 pounds per gallon controlled-release Nitrogen, out of the 2.97 pounds per gallon 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.

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, AP N-Jet 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 (See Table 1 for State Specific Restrictions)

ALFALFA: Apply 1 to 2 gallons per acre after each cutting when sufficient foliage is present.
ALMONDS: Pre-pink bud to early bloom, apply 1 to 1.5 gallons per acre. Repeat in 30 days using 2 to 2.5 gallons per acre. Higher rates may be used for larger trees or when more foliage is present. Post-harvest: 1 or 2 applications of 3 to 5 gallons per acre.
APPLES: Bud swell to king bloom, apply 1 to 1.5 gallons per acre. Repeat in 30 days using 1 to 1.5 gallons per acre. 30 to 40 days prior to harvest for sizing, apply 1 to 1.5 gallons per acre. Post-harvest: 1 or 2 applications of 3 to 5 gallons per acre.
APRICOTS, NECTARINES, PEACHES, PLUMS, PRUNES: Bud swell to early bloom, apply 1 to 1.5 gallons per acre. Repeat in 30 days. 4 to 6 weeks prior to harvest, apply 2 to 4 gallons per 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 to 10 gallons per acre. Compatible with Zinc.
ASPARAGUS: Apply 1 to 2 gallons per acre at mid-fern development. Repeat at 14 to 21 day intervals.
BEANS, DRY: Early bloom, apply 2 to 3 gallons per acre. Repeat after pods form.
BEANS, GREEN: Shortly after first flowers appear, apply 1 to 3 gallons per acre. Repeat 10 to 14 days later.
BEANS, LIMA: Early bloom, apply 2 to 3 gallons per acre. Repeat after pod fill begins.
BEANS, SNAP: Early bloom, apply 3 gallons per acre. This product can be applied with fungicide(s) and in split applications.
BLUEBERRIES: Apply 1 to 2 gallons per acre at early fruit set. Repeat at early fruit color.
BROCCOLI, CABBAGE (BOK CHOY and NAPA), CAULIFLOWER: Early head formation, apply 2 to 3 gallons per acre. Repeat 7 to 10 days later.
CANEBERRIES: Apply 1 to 2 gallons per acre prior to fruit set.
CANOLA: Apply 1 to 2 gallons per acre just prior to bolting.
CANTALOUPES, CUCUMBERS, PUMPKINS, SQUASH, WATERMELONS: Early bloom, apply 1 to 3 gallons per acre. Repeat approximately 4 weeks later.
CARROTS: Apply 1 to 2 gallons per acre when plants are 3 to 6 inches tall. Repeat at 3 week intervals, or as required.
CELERY: 10 days after transplanting, apply 1 to 2 gallons per acre. Repeat at 2 gallons per acre in 3 intervals until 3 weeks prior to harvest, using 7 to 8 gallons total over crop.
CITRUS: Pre-bloom or bloom, apply 1 to 5 gallons per acre. Repeat 30 days later. Additional applications as required for Nitrogen needs.
CORN: After pollination, apply 2 to 3 gallons per acre.
CORN (SEED): Before detasseling, apply 2 to 3 gallons per acre. Repeat after pollination.
COTTON: Early Season: After plants reach the 4 leaf stage, apply 1 to 2 quarts per acre in an over-the-row application. Mid-Season: Early bloom, apply 2 to 5 gallons per acre. Repeat as necessary.
CRANBERRIES: Apply 1 to 2 gallons per acre at hook stage. Repeat after fruit set.
FLAX: Apply 1 to 2 gallons per acre at early boll development.
GARLIC: Spray 1 to 2 gallons per acre directed over row from 10 to 12 inches height. Repeat 3 to 4 applications.
GRAPES (SEED PRODUCTION): Pre-bloom, apply 1 to 1.5 gallons per acre. Seed head elongation, apply 2 to 3 gallons per acre. Pencross Stolens, apply 1 to 2 gallons per acre.
GRAPES (TABLE): As determined by Nitrogen requirements, apply 1 to 2 gallons per acre. May also be applied at this rate to increase canopy and reduce sunburn.
HAZELNUTS: Early leaf expansion, apply 1 to 1.5 gallons per acre. Repeat at 14 to 21 day intervals. Post-harvest: 1 or 2 applications of 3 to 5 gallons per acre to strengthen buds.
HOPS: Apply 1 to 2 gallons per acre before cone development.
KALE: Apply 1 to 2 gallons per acre when sufficient foliage is present.
LENTILS: Apply 1 to 2 gallons per acre at early flowering. Repeat at 10 to 14 day intervals.
LETTUCE: After thinning, apply 2 to 3 gallons per 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. AP N-Jet 28-0-0 pH is 9.0 to 10.0. Apply in sufficient water, minimum of 20 gallons per acre to provide thorough coverage to foliage.
End of March or early April, apply 2 to 3 gallons per acre.
Post-flame, late April or early May, apply 3 to 5 gallons per acre. May be combined with fungicide(s).
Mid-June, apply 2 to 3 gallons per acre. May be combined with pesticide(s).
Mid-July, apply 3 to 5 gallons per acre. May be combined with pesticide(s).
Post-harvest, apply 2 to 3 gallons per acre.
OKRA: Apply 1 to 2 gallons per acre at bud stage and repeat at 10 to 14 day intervals.
OLIVES: Pre-bloom, apply 1 to 3 gallons per acre. Repeat in 30 days. Apply 4 to 5 gallons per acre 4 to 6 weeks prior to harvest.
ONIONS: When Onions reach 6 to 8 inches, apply 2 gallons per acre. Repeat during bulb fill, and again in 2 weeks prior to harvest.
PASTURES: Apply up to 4 gallons per acre as a supplement to a broader nutrient program.
PEANUTS: Early bloom, apply 3 to 5 gallons per acre. Repeat as necessary until pods are filled.
PEARS (BARTLETT): Pre-bloom, apply 1 to 1.5 gallons per 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 to 10 gallons per acre.
PEAS: Shortly after first flowers appear, apply 1 to 3 gallons per acre. Repeat 10 to 14 days later.
PEPPERS: Early bloom, apply 2 to 3 gallons per acre. Repeat 14 days later to improve canopy and reduce sunburn.
POTATOES: Prior to tuberization and at early bloom, apply 2 gallons per acre. Using fertigation system, apply a third application of 2 gallons per acre 2 to 3 weeks after bloom spray, if needed. May be combined with other nutrients or pesticides when properly buffered. AP N-Jet 28-0-0 pH is 9.0 to 10.0.

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, pounds / gallon @ 68°F: 10.6 lb (4.8 kg)

KEEP OUT OF REACH OF CHILDREN

WARNING

Causes skin irritation.
Causes eye irritation.
Harmful if swallowed.
May cause respiratory irritation.
See Side Panel for FIRST AID and Additional Precautionary Statements
Read Entire Container Label Before Using This Product
Avoid contact with eyes, skin and clothing.
Refer to SDS for Health, Safety and Environmental Information.
PRODUCT TO BE USED IN SEASON PURCHASED.

Net Content:
265 gal (1003 l)
Net Weight:
2809 lb (1274.14 kg)
6315HRMT275-0125(0324#)

F1743
Information about the components of this lot of fertilizer material may be obtained by writing to Harvey's Fertilizer and Gas Co., Kinston, NC, 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.

RICE: Flag leaf emergence, apply 5 gallons per acre. Repeat as necessary to address Nitrogen needs.
SAFFLOWER: Early bloom, apply 3 to 5 gallons per acre.
SEED CROPS: Early bloom, apply 1.5 to 2 gallons per acre. Repeat 3 to 4 weeks later using 2 gallons per acre. To fill out seed, apply 30 to 60 days prior to harvest using 2 gallons per acre.
SEED PRODUCTION, GRASS: Apply 1 to 2.5 gallons per acre at seed head elongation.
SORGHUM, GRAIN: Apply 1 to 2 gallons per acre after pollination.
SMALL GRAINS: Apply 1 to 2 gallons per acre at tillering through flag leaf emergence.
SOYBEANS: Early pod, apply 2 to 3 gallons per acre. Repeat in 14 to 21 days.
SPINACH: When adequate foliage is present, apply 2 to 3 gallons per acre. For double cropping, repeat 7 to 10 days prior to harvest.
STRAWBERRIES: Early bloom, apply 1 to 3 gallons per acre. Repeat 14 to 21 days later.
SUGAR BEETS: Apply 1 to 2 gallons per acre at the 10 to 12 leaf stage and repeat at the 20 leaf stage.
SUNFLOWERS: Apply 1 to 2 gallons per acre when outer seeds start to fill. Repeat in 10 to 14 days.
SWEET CORN: Early tassel stage at 12 to 14 inches in height, apply 2 to 3 gallons per acre. Repeat at early silk stage.
TOBACCO: Plant bed stage, apply 3 to 6 quarts per 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 to 3 gallons per acre. Repeat at fruit set and again 15 to 30 days later. To strengthen canopy and reduce sunburn, 3 to 4 weeks prior to harvest, apply using 3 to 4 gallons per acre.
WALNUTS: To address Nitrogen needs, apply 1 to 1.5 gallons per acre (California: mid-June to late July).
WHEAT: Flag leaf stage (6th or 7th true leaf), apply 2 to 5 gallons per acre. Rate will depend on residual soil fertilizer, rainfall, etc. If applying with herbicides, reduce rate to 1 to 2 gallons per acre.
YOUNG TREES: Apply 5 gallons this product in 100 gallons of water.

RECOMMENDED DRIP FERTIGATION RATES

GRAPES: Apply three applications per season using 3 to 5 gallons per acre.
LETTUCE: Apply at first irrigation using 3 to 5 gallons per acre. Repeat as necessary.
STRAWBERRIES: Apply twice a month using 3 to 5 gallons per acre. In California, continue this recommendation for five to six months.
TOMATOES/PEPPERS: Apply twice a month using 3 to 5 gallons per acre. Continue this recommendation for three to four months.
TREES AND VINES: In Sandy soil, apply every 30 days using 5 gallons per 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 (See Table 1 for State Specific Restrictions)

ALMONDS, APRICOTS, CITRUS, FILBERTS, KIWI, NECTARINES, PEACHES, PLUMS AND WALNUTS: Pink bud, popcorn or early bloom, apply 1 to 1.5 gallons per acre. Petal fall to thirty days after bloom spray, apply 2 to 2.5 gallons per 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 to 1 gallon per acre Use sufficient water for thorough coverage.
PISTACHIO TREES: After leaf emergence begins, apply 1 to 2 gallons per acre. Use sufficient water for thorough coverage.

TURF AND HORTICULTURAL RECOMMENDATIONS (See Table 1 for State Specific Restrictions)

PRECAUTION: Do not exceed 3.5 quarts (2.5 lb. of Nitrogen) per 1,000 square feet per application. Apply using a minimum of 2 to 5 gallons water per 1,000 square feet.

RECOMMENDED GRASS RATES

Use higher rates in areas with prolonged growing seasons, areas of high use or "grow in" situations.
BENT GRASS: 6 to 9 quarts (4.5 to 6.8 lb. of Nitrogen) per 1,000 square feet per year. Apply in multiple applications of 5.5 to 11 ounces (0.125 to 0.25 lb. of Nitrogen).
BERMUDA GRASS: 12 to 15.5 quarts (9 to 11.5 lb. of Nitrogen) per 1,000 square feet per year. Apply in multiple applications of 11 to 22 ounces (0.25 to 0.5 lb. of Nitrogen).
BLUE GRASS AND OTHER COOL SEASON GRASSES: 5 to 6 quarts (3.75 to 4.25 lb. of Nitrogen) per 1,000 square feet per year. Apply in multiple applications.
ST. AUGUSTINE AND OTHER WARM SEASON GRASSES: 3.5 to 5 quarts (2.5 to 3.5 lb. of Nitrogen) per 1,000 square feet per year. Apply in multiple applications.

RECOMMENDED ORNAMENTAL AND CONTAINER GROWN PLANT MATERIAL RATES:

Fertigation: Irrigation system or soil drench, apply 0.5 to 2 gallons per acre. Repeat as necessary to maintain optimal plant growth and plant vigor. **PRECAUTION:** Check with your local or state agency for anti-syphon requirements.
Foliar Application: To address Nitrogen needs, apply 0.5 to 1 gallon this product per 100 gallons of water per application.

RECOMMENDED TREE AND SHRUB RATES:

(See Table 1 for State Specific Restrictions)

1.3 to 4 quarts (1 to 3 lb. of Nitrogen) per 1,000 square feet of landscape area root, soil-injected or flood-applied at a minimum of 1 to 2 applications per year.
Foliar Application: Mix 0.5 to 1 gallon 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 1.3 quarts (1 lb. of Nitrogen) per 1,000 square feet using 10 gallons total volume, inject into the soil 4" to 8" deep.

SLOW-RELEASE NITROGEN SUPPLIED			
Application Rate		Total Nitrogen Supplied	Slow-Release Nitrogen Supplied
Pints	Fluid 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 one-half total water to the tank.
2. Turn on the recirculation line.
3. Add prescribed amount of AP N-Jet 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

AP N-Jet 28-0-0 and a low-biuret Urea, such as 46-0-0, can be blended together to achieve a lower amount of slow-release Nitrogen fertilizer solution. Based on 1 pound of Nitrogen, the correct mixing ratio of AP N-Jet 28-0-0 to 46-0-0 is given in the following chart. Add sufficient water to ensure the low-biuret Urea is completely dissolved in the blend.

% SRN BLEND DESIRED	AP N-Jet 28-0-0 72% SRN FLUID OUNCES	LOW BIURET UREA (46-0-0) POUNDS
25% SRN	14.8	1.4
35% SRN	20.7	1.1
40% SRN	23.6	0.96

Table 1 – State Use Restrictions

State	Restrictions
Florida	• We recommend that you follow the Florida Green Industries and Golf Course BMP's outined within (FAC) Rule 5E-1.003 (3) and (4): • https://www.flrules.org/gateway/ChapterHome.asp?Chapter=5E-1 . • Best Management Practices for the Enhancement of Environmental Quality On Florida Golf Courses http://fyn.ifas.ufl.edu/pdf/DEPGolfCourseBMP_Rev10_12_WEB.pdf • Florida Friendly Best Management Practices for Protection of Water Resources by the Green Industries http://ffl.ifas.ufl.edu/pdf/GIBMP_Manual_Web_English_2015.pdf
New Hampshire	• We recommend that you follow the application rates as defined by the Association of American Plant Food Control Officials (AAPFCO). • No Turf fertilizer sold at retail shall exceed 0.7 lb. per 1,000 sq. ft. of soluble Nitrogen per application when applied according to the instructions on the label. • No Turf fertilizer sold at retail shall exceed 0.9 lb. per 1,000 sq. ft. of total Nitrogen per application when applied according to the instructions on the label. • No Turf fertilizer shall exceed an annual application of 3.25 lb. per 1,000 sq. ft. of total Nitrogen when applied according to the instructions on the label.
Pennsylvania	• **For All Agricultural Uses** • This product may not be applied near water, storm drains, drainage ditches or to any impervious surfaces. • This product may not be applied if heavy rain is expected. • This product may only be applied to the intended application site. • **For All Turf Uses** • This product may not be applied near water, storm drains or drainage ditches. • This product may not be applied if heavy rain is expected. • This product may only be applied to the intended application site. • Apply no more than 1.2 qt. (0.9 lb. of Nitrogen) per 1,000 sq. ft.
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 3.4 qt. (2.5 lb. of Nitrogen) per 1,000 sq. ft. per application, with a release rate of no more than 0.7 lb. per 1,000 sq. ft. per 30 days. • Apply no more than 1.2 qt. (0.9 lb. of Nitrogen) per 1,000 sq. ft. of total Nitrogen on Cool season grasses during any given 30 day period. • Apply no more than 1.3 qt. (1 lb. of Nitrogen) per 1,000 sq. ft. of total Nitrogen on Warm season grasses during any given 30 day period. • 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. • **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.**

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.

Manufactured For:
1291 Highway 258 • Kinston, NC 28504 • (252) 523-9090

A Harvey's Product