



ZINC NITRATE SOLUTION

GENERAL USE INFORMATION – READ ENTIRE LABEL BEFORE USING THIS PRODUCT

13-0-0+5 Zn GUARANTEED ANALYSIS:

Total Nitrogen (N).....	13.0%
2.4% Ammoniacal Nitrogen	
5.2% Nitrate Nitrogen	
5.4% Urea Nitrogen	
Zinc (Zn).....	5.0%
5% Soluble Zinc	

TYPICAL PROPERTIES:

Specific Gravity, 60°F.....	1.316
pH.....	3.9

PHYTOTOXICITY: Plant and leaf injury may occur on some crops when certain weather and growing conditions are present. The user assumes all risks of use and handling.

CAUTION KEEP OUT OF REACH OF CHILDREN HARMFUL IF SWALLOWED

EMERGENCY AND FIRST AID PROCEDURES

EYES: Wear chemical dust/splash goggles or full-face shield to prevent eye contact. As a general rule, do not wear contact lens when handling. If contact occurs, flush eyes immediately with water for at least 15 minutes. Call a physician if irritation persists.

SKIN: Wear impervious gloves and clothes. If contact occurs, wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse. Call a physician if skin becomes irritated.

INGESTION: If conscious and alert, drink water or milk to dilute, then induce vomiting. Call a physician or Poison Control Center immediately.

RESPIRATORY PROTECTION: Not normally needed. If use generates an aerosol mist or respiratory irritation, use NIOSH - approved dust/mist respirator (3M #8710).

INHALATION: If vapors or mist causes irritation or distress, remove to fresh air and call a physician. **VENTILATION:** Recommended but no TLV established.

NOTICE

READ ENTIRE LABEL BEFORE USE, IF TERMS ARE UNACCEPTABLE RETURN AT ONCE – UNOPENED.

Fertilizer Company of Arizona, Inc. warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Fertilizer Company of Arizona, Inc. In no case shall Fertilizer Company of Arizona, Inc. be liable for consequential, special or indirect damages resulting from the use or handling of this product. The buyer shall assume all such risks. Fertilizer Company of Arizona, Inc. makes no warranties of merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above.

STORAGE AND DISPOSAL

Do not use aluminum or copper (including brass or bronze) components in any handling or storage equipment for this product. Mild steel components should not be used except for emergency, or temporary, short-term service. Use stainless steel (316 or better), polyolefin (polyethylene, polypropylene, etc.), fiberglass, or other high-quality acid-resistant plastic materials. Check with equipment manufacturer for compatibility of components prior to use with this product.

STORAGE: Keep product in original package only. Store in a dry clean facility away from oxidizing agents. Completely empty contents of bag into spray application equipment.

DISPOSAL: Dispose of empty bags in a sanitary landfill or by authorized incineration.

Distributed By:

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GENERAL INFORMATION

ZINC NITRATE SOLUTION is an easily adsorbed liquid fertilizer with zinc and nitrogen compounds which further increase absorption efficiency. **ZINC NITRATE SOLUTION** stimulates cell formation, increasing leaf size and encouraging good root development and plant growth. Disease and stress tolerance is enhanced. With higher zinc levels in the plant, there is greater uptake and utilization of fertilizer and soil nutrients for significantly higher yields and crop quality.

Usually applied as a foliar spray, **ZINC NITRATE SOLUTION** may also be added to irrigation water or liquid fertilizer for soil application (or in transplant water).

DIRECTIONS FOR USE

CONSULT YOUR LOCAL FERTIZONA REPRESENTATIVE OR OTHER AGRICULTURAL SPECIALIST FOR SPECIFIC CROP RECOMMENDATIONS.

Almonds: 1–1½ qts. per 100 gals. water spray to cover. **Aerial Application:** ½ qt. per acre with a minimum of 20 gals. of water. **Max Rate:** 4 qts. per acre conc. application. **Time of Application:** For best results 1 qt. should be applied after petal fall; 2 qts. in sprays thereafter. Post-harvest, dormant, and delayed dormant: 4 qts.

Black Walnuts: 1–1½ qts. per 100 gals. water spray to cover. **Aerial Application:** ½ qt. per acre with a minimum of 20 gals. of water. **Max Rate:** 4 qts. per acre conc. application. **Time of Application:** For best results 1 to 3 applications at bud break to end of shoot elongation.

English Walnuts: 1–1½ qts. per 100 gals. water spray to cover. **Aerial Application:** ½ qt. per acre with a minimum of 20 gals. of water. **Max Rate:** 4 qts. per acre conc. application. **Time of Application:** For best results apply at tender pink to early feather. Repeat 1 qt. rate with first insect spray. May also be applied with copper bactericide.

Filberts: 1–2 qts. per 100 gals. water spray to cover. **Aerial Application:** ½ qt. per acre with a minimum of 20 gals. of water. **Max Rate:** 4 qts. per acre conc. application. **Time of Application:** For best results apply at ½ to full leaf. Repeat post-harvest to pre-dormant.

Pecans: 1¼–2½ qts. per 100 gals. water spray to cover. **Aerial Application:** ½ – 1 qt. per acre with a minimum of 20 gals. of water. **Max Rate:** 4 qts. per acre conc. application. **Time of Application:** For best results apply at bud break to end of shoot elongation. Apply 3 to 5 applications. Post-harvest, dormant, and delayed dormant.

Pistachios: 1–2 qts. per 100 gals. water spray to cover. **Aerial Application:** ½ – 1 qt. per acre with a minimum of 20 gals. of water. **Max Rate:** 4 qts. per acre conc. application. **Time of Application:** For best results apply at bud break to end of shoot elongation. Apply 3 to 5 applications. After harvest before leaf drop, dormant, and delayed dormant.

Trial Use on Other Fruit & Nut Crops: ½–1 qt. per 100 gals. water spray to cover. **Aerial Application:** Not recommended. **Max Rate:** 4 qts. per acre conc. application. **Time of Application:** For best results apply from leaf expansion up to first sign of small fruit. Post-harvest, dormant, and delayed dormant.

AVOID FOLIAR APPLICATIONS WHEN HIGH MID DAY TEMPERATURES OCCUR. EARLY MORNING AND LATE EVENING APPLICATIONS ARE BEST.

SOIL APPLICATION

Zinc Nitrate Solution May be applied alone or in combination with nitrogen solutions such as UAN, aqua ammonia, ammonium nitrate solution and calcium nitrate solution.

Very Low Soil Zinc Level: Broadcast: 5–7 gals. per acre. **Banded (knifed):** 3–4 gals. per acre. **Banded with Ammonium Polyphosphate:** 1½–2 gals. per acre.

Low Soil Zinc Level: Broadcast: 3–5 gals. per acre. **Banded (knifed):** 2–3 gals. per acre. **Banded with Ammonium Polyphosphate:** 1–1½ gals. per acre.

Medium Soil Zinc Level: Broadcast: 2–3 gals. per acre. **Banded (knifed):** 1–2 gals. per acre. **Banded with Ammonium Polyphosphate:** ½–1 gal. per acre.

Broadcast: For additional information regarding mixing **Zinc Nitrate Solution** with fluid N-P-K grades of fertilizer contact your **Zinc Nitrate Solution** supplier or Fertizona.

Banded: Apply in combination with ammonium polyphosphate for maximum results (not to exceed 1 gal. **Zinc Nitrate Solution** to 4 gals. of ammonium polyphosphate or its equivalent).

FERTIGATION APPLICATIONS

Zinc requirements may be supplied by injecting 1 to 3 gals. of **Zinc Nitrate Solution** per acre into the irrigation system alone or in combination with UAN nitrogen fertilizer solution or its equivalent. **Zinc Nitrate Solution** is an effective foliar zinc treatment when injected into an overhead irrigation system.

TRANSPLANT WATER APPLICATIONS

1 to 2 qts. of **Zinc Nitrate Solution** per 100 gals of water. This is equivalent to 2 to 4 tsps. of **Zinc Nitrate Solution** per gal. of water.

NET CONTENTS: 5 GALS. (18.927 L), 54.5 LBS (24.70 KG)
WEIGHT PER GALLON: 10.9 LBS
ZINC PER GALLON: 0.55 LBS
NITROGEN PER GALLON: 1.42 LBS