

08-21-04

Agricultural NPK Solution Fertilizer

Contains: 3.0 Sulfur / 0.5 Zinc

MINIMUM GUARANTEED ANALYSIS

Total Nitrogen (N).....	8.00%
8.00% Ammoniacal Nitrogen	
Available Phosphate (P ₂ O ₅)	21.00%
Soluble Potash (K ₂ O)	4.00%
Sulfur (S)	3.00%
Zinc (Zn)	0.50%

DERIVED FROM: Ammonium Polyphosphate, Ammonium Thiosulfate, Zinc-Ammonia Complex and Muriate of Potash.

APPLICATION RATES

Rate of Product To Achieve Your Desired Analysis

Lbs. of Phosphate Desired / Acre	Pounds of Product / Acre	Gallons of Product / Acre
10	47.62 Lbs.	4.27 Gallons
20	95.24 Lbs.	8.54 Gallons
30	142.86 Lbs.	12.81 Gallons
40	190.48 Lbs.	17.08 Gallons
50	238.10 Lbs.	21.35 Gallons
60	285.71 Lbs.	25.62 Gallons
Product Weight Per Gallon: 11.15 lbs.		

This product is a commercial fertilizer used in agricultural crop production. 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.

Bulk

GENERAL INFORMATION

NPK solution fertilizer 8-21-4 (NPK Ratio: 2-5.25-1) is a clear liquid fertilizer containing 8% nitrogen, 21% phosphate, 4% potassium, 3% Sulfur and .5% Zinc. The phosphate in 8-21-4 is composed of 60% to 70% in a polyphosphate form while the balance is in the form of orthophosphates. The polyphosphates in 8-21-4 extends the availability of fertilizer when applied in high pH soil conditions as well as aiding in sequestering needed trace elements for active plant growth. This polycontent in 8-21-4 also extends the storage life so product may be stored for later use. Unlike most granular phosphate material, liquid 8-21-4 is 100% water soluble.

NPK fertilizers do not move readily in soil. Placing the band of product near developing seedling roots of annual crops is most effective. Placement below the depth of seeding may improve availability under dry conditions because the fertilizer is in a moist part of the root zone for a longer period of time than with seed row placement. Broadcast-incorporated applications are less effective than when fertilizer is banded with or near the seed of annual crops.

Conventional agricultural equipment should be used for application. Methods of application: broadcast, side dress and banding. This product is compatible with most liquid fertilizer/pesticide mixes at manufacturers' specified label rates. However, it is recommended that a "jar test" be performed prior to actual application to insure compatibility.

FIRST AID

IF INHALED: Move to fresh air. Give artificial respiration if needed. Seek medical attention if irritation persists.

IF SWALLOWED: Give a large amount of water to drink. Induce vomiting and immediately call a physician or poison control center for further treatment advice. Do not induce vomiting or give anything by mouth to an unconscious person.

IF IN EYES: Flush eyes with water for at least 15 minutes, holding eyelids open. Call a physician if irritation develops or persists.

IF ON SKIN: Remove contaminated clothing and wash affected areas with soap and water. If irritation develops or persists, seek medical attention.

CAUTION

May be harmful if swallowed, inhaled, or absorbed through the skin. May cause eye irritation. Avoid breathing spray mist. Avoid contact with skin, eyes, and clothing. **KEEP OUT OF REACH OF CHILDREN.**

Product No: LB082104M

Production No: Sample Label



STORAGE, HANDLING AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **Storage:** Store mini-bulks and small containers out of direct sunlight in an area of moderate temperature. Do not store where children or animals may gain access. **Handling:** Avoid containers, piping or fittings made of copper-containing alloys or galvanized metal. **Container Disposal:** Dispose of empty containers by triple rinsing and discard empty containers in a landfill in accordance with current local, state, and federal regulations.

IMPORTANT: READ BEFORE USE

Read the Warranty Disclaimer and Limitation of Liability before using this product. By using this product, user or buyer accepts the following Warranty Disclaimer and Limitation of Liability.

LIMITS OF WARRANTY: MEARS FERTILIZER, INC. and seller warrant that this product conforms to the chemical description on the label and is reasonably fit for the purpose stated on such label only when used in accordance with the directions under normal use conditions. Except as specifically stated below, NO WARRANTIES, WHETHER EXPRESSED OR IMPLIED, ARE MADE WITH RESPECT TO THE PRODUCT OR ITS USE, AND NO AGENT OF THE MANUFACTURER OR OF THE SELLER IS AUTHORIZED TO DO SO.

Buyer and user of this product assume all responsibility for handling, storage and use not in accordance with directions. It is impossible to eliminate all risks inherently associated with the use of the product. Plant 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 manufacturer's and seller's control. In no case shall the manufacturer or seller be liable for consequential, special or indirect damages resulting from the use or handling of this product.

**In the event of an emergency: Notify ChemTrec
Toll Free at (800) 424-9300.**

For a (Material) Safety Data Sheet on this product please contact the seller or Mears Fertilizer, Inc. at msdsrequest@mearsinc.com.

Manufactured & Guaranteed By:
Mears Fertilizer, Inc. | P.O. Box 1271 | 629 North Industrial Road | El Dorado, KS 67042 | Phone: (800) 345-9143

*THRIVE Solutions-AG is a trademark of Mears Fertilizer, Inc.