

Lift Here

T-PA[®]

Nutrient Absorption Enhancer

CONTAINS NON-PLANT FOOD INGREDIENTS:

Active Ingredient:

38.20% Copoly-3[(3-carboxypropionamide)(2-carboxymethyl)acetamide]]

61.80% Inert Ingredient

Total 100.0%

KEEP OUT OF REACH OF CHILDREN



WARNING

Harmful if swallowed. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist.



F1548

FOR AGRICULTURAL AND PROFESSIONAL USE ONLY



GUARANTEED BY:

LOVELAND PRODUCTS, INC.[®] P.O. BOX 1286 GREELEY CO 80632-1286

DENSITY 10.46 LBS/GALLON @ 68 °F NET WEIGHT 26.15 LBS (11.86 KG)
LIQUID MEASURE 2.5 US GALLONS (9.46 L)

T-PA H0919

CAUTION – MAY CAUSE EYE IRRITATION

T-PA® is a patented fertilizer availability enhancement product. When added to fertilizer T-PA increases the nutrient level in plants by keeping fertilizer available for an extended period of time.

FIRST AID

If in eyes: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT, CALL 1-866-944-8565.

DIRECTIONS FOR USE

MIXING INSTRUCTIONS:

This product can easily be mixed with water or liquid fertilizer solutions. Use clean water or solutions free of sediment. Application equipment must be clean, be in good mechanical condition and properly calibrated. Fill tank with one-half the desired amount of water or liquid fertilizer solution. Add the required amount of T-PA. Then add the remainder of the water or liquid fertilizer solution while allowing the agitation to thoroughly mix the product into the liquid contents. T-PA is compatible with most fertilizers and pesticides. Before applying T-PA with liquid fertilizer, check compatibility by mixing small quantities of each at the appropriate ratio of fertilizer with T-PA. If coagulation or sediments are formed, DO NOT USE FERTILIZER AS A CARRIER. Do not mix with acid solutions with pH below 4.

APPLICATION EQUIPMENT CALIBRATION:

Carefully calibrate all applications equipment as T-PA may change viscosity of solutions and may alter the rate of application.

USE WITH DRY GRANULAR FERTILIZERS: T-PA may be impregnated onto dry fertilizers or mixed with liquid or suspension fertilizers. An appropriate amount of drying compound may be added to maintain granularity and flowability of the fertilizer mixture.

SPECIAL NOTE: T-PA IS NOT RECOMMENDED AS A FERTILIZER SUBSTITUTE.

USE RATES: General - T-PA is a nutrient absorption enhancer designed for use on all agricultural crops including field crops, forages, small grains, tree fruits, vine crops, nut crops, and vegetables. Rate is dependent upon crop, method of application and diagnosed soil fertility problems. Check with your local Loveland Products representative for specific recommendations on your crop.

BROADCAST: Apply 1 to 4 quarts per acre broadcast or banded on soil and incorporate prior to planting.

PRE-PLANT AND SIDE-DRESS: Apply 1 to 4 quarts per acre in at least 15 gallons of liquid fertilizer.

STARTER FERTILIZER: Apply 1 to 2 quarts per acre with starter "pop up" fertilizer.

TRANSPLANT DRENCH: Apply 1 to 2 pints in enough water to saturate, without run-off, enough transplants for one acre of crop.

TRANSPLANT WATER: Where machine planting is the practice, mix 1 to 2 quarts T-PA per acre with the transplant water.

SPRINKLER OR WATER RUN IRRIGATION: Apply 1 to 4 quarts per acre in irrigation water.

DRIP IRRIGATION AND MICRO SPRINKLERS: Apply 1 to 4 quarts per acre. Dilute T-PA in a ratio of at least 1 gallon to 3 gallons of water prior to injecting into irrigation system. T-PA can be used to minimize the accumulation of mineral deposits in drip and low flow irrigation systems. Apply continuously throughout irrigation cycle at a rate of 5-20 ppm, depending on water hardness.

FOLIAR APPLICATIONS: T-PA may be tank mixed with foliar nutrients such as potassium nitrate, ESP or FIRST CHOICE KeepP. Apply at a rate of 16 to 48 ounces depending on water hardness.

GENERAL INSTRUCTIONS FOR USE

SOIL APPLICATION: T-PA may be applied with water or fertilizer before or at the time of planting or as a top-dress, side-dress application or in any controlled irrigation system. Pre-mixing with fertilizer is preferred if possible. Application methods which concentrate the T-PA in or near crop root zone (e.g. starter banding or side-dress banding) are preferred. T-PA can be mixed with water and/ or fertilizer solution with the resulting mixture broadcast applied to the soil at no less than 15 gallons per acre of mixed solution. The spray mixture is applied to soil for incorporation by tillage equipment into the seedbed or row banding by drills or planter to allow contact of the product with the plant root system.

FOLIAR APPLICATION: Fill spray tank $\frac{1}{2}$ full of water and begin agitation. Introduce T-PA in advance of foliar nutrients to spray solution and continue agitation until spray solution is completely mixed. Apply as a full cover spray.

LOW FLOW IRRIGATION SYSTEMS: Apply T-PA undiluted continuously throughout the irrigation cycle.

DO NOT APPLY T-PA CONCENTRATE DIRECTLY ON OR ALLOW TO COME INTO CONTACT WITH SEED.

STORAGE and DISPOSAL

STORAGE: Store product in dark fiberglass or plastic containers out of direct sunlight or UV light. Keep containers tightly closed when not in use. Store in a cool, dry well-ventilated area, preferably in a locked storage area away from children, feed and food products, and seed. PROTECT FROM FREEZING. Do not contaminate water, food, or feed by storage or disposal.

DISPOSAL: Do not reuse container. Triple rinse (or equivalent) and add rinsate to spray tank, then offer for recycling at an ACRC site (go to <http://www.acrecycle.org/> for locations) or by reconditioning, or puncture and dispose of in a sanitary landfill or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Do not contaminate water sources by runoff from cleaning of equipment, disposal of equipment wash waters or spray waste.

HANDLING: Avoid breathing mists. Avoid prolonged or repeated skin contact. Avoid eye contact. Wash hands thoroughly after handling this product.

For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC 1-800-424-9300.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

BEFORE BUYING OR USING THIS PRODUCT, read the Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary. LOVELAND PRODUCTS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, when the product is used in accordance with such Directions for Use under normal conditions of use. LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE BUYER'S OR USER'S EXCLUSIVE REMEDY FOR ANY INJURY, LOSS, OR DAMAGE RESULTING FROM THE HANDLING OR USE OF THIS PRODUCT SHALL BE LIMITED TO ONE OF THE FOLLOWING, AT THE ELECTION OF LOVELAND PRODUCTS, INC. OR THE SELLER: DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE PRODUCT. LOVELAND PRODUCTS, INC. AND THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR USER OF THIS PRODUCT FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, OR DAMAGES IN THE NATURE OF A PENALTY.

Tests have not been carried out under all possible use conditions and Seller cannot and does not represent or warrant that the goods are compatible with all other chemicals or under all use conditions.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.regulatory-info-lpi.com/>.



WARNING

This product can expose you to chemicals including nickel, which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

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