

# Tamarack™

10-0-0

A NITROGEN FERTILIZER FROM PROTEIN. TAMARACK IMPROVES CROP PRODUCTIVITY AND PROMOTES PLANT VIGOR IN AGRICULTURAL, TURF AND ORNAMENTAL CROPS.

**GUARANTEED ANALYSIS**

Total Nitrogen (N) ..... 10 %

**F 2847**

**10% WATER-SOLUBLE NITROGEN**  
Derived from bovine protein hydrolysate

Density: 10.6 lbs/gal at 68°F (1.27 g/ml at 20°C)

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.html>

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**PRECAUTIONARY STATEMENTS**

**BEFORE USING THIS PRODUCT, READ ALL PRECAUTIONS, DIRECTIONS FOR USE, CONDITIONS OF SALE-LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES**

Avoid contact with formulated product. Do not take internally. Avoid contact with or inhalation of the spray mist. Do not apply this product in such a manner as to directly expose workers or other persons. If product is being mixed with pesticides and/or spray adjuvants, follow all precautionary statements on the accompanying product(s) labeling. Avoid contact with eyes and prolonged contact with skin to avoid irritation. Wear safety glasses and chemical resistant gloves. Not for human or animal consumption.

Manufactured by:  
Isagro S.P.A.



**ISAGRO USA**

Net Contents: 2.5 Gallons (9.46 L)  
Net Weight: 26.5 lbs (12.02 kg)

Guaranteed by: Isagro USA, Inc. - 1005 Slater Road, Suite 212 - Durham, NC 27703

For Complete Product Information, see back panel

Tamarack™ is a trademark of Isagro S.p.A.

Manufactured by Isagro SpA, approval number **ABP2811UFERT3**

**GENERAL INFORMATION: TAMARACK** is recommended for use as a supplement to a regular fertilizer program.

**SHAKE WELL BEFORE USING**

**DIRECTIONS FOR USE - FOR PROFESSIONAL USE ONLY**

FOLIAR APPLICATION RATES AND TIMINGS			
Crop	Rate	Spray Volume	Application Timing
<b>Vegetable crops (Open Field)</b> <i>Including but not limited to: fruiting vegetables (pepper, tomato); cucurbits (melons, cucumber, squash); Brassica or cole crops, leafy vegetables, et al.</i>	1.5 – 3 pints / acre	Use 1.5 – 2 pts/acre in low volume applications, and use 3 pts/acre for high volume applications.	Apply first application 10-14 days after transplanting then apply 3 to 4 times at 12 to 15 day intervals from early flowering and during fruit sizing.
<b>Tree Fruit and Vine crops</b> <i>Including but not limited to: apples, cherries, citrus, pear, stone fruit, kiwi, raisin, table, and wine grapes, and berry crops such as blueberries, cranberries, raspberries, strawberries, et al.</i>	1.5 – 3 pints / acre	Use 1.5 – 2 pts/acre in low volume applications, and use 3 pts/acre for high volume applications.	In general, apply every 10-14 days. Make applications from early flowering to early ripening.
<b>Nut crops</b> <i>Including but not limited to: almond, pecan, pistachio, walnut et al.,</i>	1.5 – 3 pints / acre	Use 1.5 – 2 pts/acre in low volume applications, and use 3 pts/acre for high volume applications.	In general begin applications at early flowering and repeat on 12-15 day intervals
<b>Field crops</b> <i>Including but not limited to: corn, cotton, peanuts, potatoes, rice, soybeans, sorghum, sugar cane, sugar beets, wheat, et al.</i>	1.5 – 3 pints / acre	Use 1.5 pts/acre in low volume applications, and use 2 - 3 pts/acre for high volume applications.	Mid-vegetative and early flowering. Can be mixed with herbicides (including glyphosate) and fungicides. Applications may be made every 10-14 days.
<b>Forage crops</b> <i>Including but not limited to: alfalfa, ryegrass, timothy, fescue, et al.</i>	1.5 – 3 pints / acre	Use 1.5 pts/acre in low volume applications, and use 2 - 3 pts/acre for high volume applications.	Apply when plants are 3-6 inches high before first cut, and then 10-14 days before each cutting.
<b>Turf</b> (in Virginia: 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 and sweep any product that lands on the driveway, sidewalk, or street, back onto your lawn/garden.)	2 – 4 pts / acre	Use 2 pts/acre in low volume applications, and use 3 - 4 pts /acre for high volume applications.	Make applications beginning after green up. Can be mixed with herbicides and fungicides. Applications may be made every 10-14 days.
<b>Ornamentals (Open Field)</b>	1.5 - 3 pts / acre	Use 1.5 pts/acre in low volume applications, and use 2 - 3 pts/acre for high volume applications	Apply using a 10 day interval.

**FOLIAR APPLICATION RATES AND TIMINGS, GREENHOUSE AND POTTED PLANTS**

Crop	Use Rate	Application Timing
<b>All Crops and Ornamentals</b>	1 – 1.5 pints/ 100 gallons water	Apply using a 12-15 day interval.

**FERTIGATION (DRIP/TRICKLE/SPRINKLER IRRIGATION) AND IN-FURROW/SIDE DRESS APPLICATION RATES**

<b>Berries</b> <i>Including, but not limited to: blueberries, raspberries, cranberries, strawberries, et al.</i>	3 – 4 pts/acre	Begin applications approximately 14 days after transplanting and continue until early fruit ripening.
<b>Vegetables</b> <i>Including but not limited to: fruiting vegetables, cucurbits, Brassica or cole crops, et al.</i>	2.5 – 4 pts/acre	Begin applications 14 - 21 days after transplanting. Continue applications on a 14 – 21 day interval during fruit set and fruit sizing.
<b>Legumes</b> <i>Including, but not limited to peas, beans et al.</i>	1.5 – 3.0 pts/acre	Make first application at 3 – 5 leaf stage. Continue applications on a 10 – 21 day interval up to 4 total applications.
<b>Leafy vegetables</b> <i>Including but not limited to: lettuce, celery, endive, spinach, et al.</i>	2.5 – 4 pts/acre	Make first application 10 – 14 days after transplant. Make additional applications every 14 – 21 days.
<b>Field crops</b> <i>Including but not limited to: corn, cotton, peanuts, potatoes, rice, soybeans, sugar beets, wheat, et al.</i>	2.5 – 4 pts/acre	Apply on 10-14 day intervals through irrigation. May also be applied in furrow, or 2x2 with starter.
<b>Tree Crops</b> <i>Including but not limited to: apples, cherries, citrus, pear, stone fruit, kiwi, almond, pecan, pistachio, walnut, etc</i>	2.5 – 4 pts/acre	Make first application at early flowering. Make additional applications after fruit set until early fruit ripening.
<b>Wine Grapes</b>	4-8 pts/ acre	Make first application at early flowering. Make additional applications after fruit set until early fruit ripening.
<b>Table Grapes</b>	4-8 pts/ acre	Make first application at the 2 - 3 centimeter shoot stage, second application at open cluster (pre-bloom), and third application at the 3 - 4 millimeter fruit stage.
<b>Ornamental Crops</b>	4-8 pts/ acre	Make first application 14 - 21 days after transplanting. Make subsequent applications every 7 - 10 days.
<b>Bulbs/Tubers</b>	4-8 pts/ acre	Make first application 14 - 21 days after transplanting. Make subsequent applications every 7 - 10 days.
<b>Turf</b> (See Virginia use restriction note in Turf foliar application section above.)	4-8 pts/ acre	Apply using a 10 day interval.

**TAMARACK TANK MIX COMPATIBILITY:** TAMARACK is compatible with most regularly applied liquid fertilizers and chelates. TAMARACK is compatible with most commonly used agrochemicals with the exception of: mineral oils and sulfur products. TAMARACK may be applied with copper fungicides to olive, potato, tomato, Brassica vegetables (cabbage, broccoli, cauliflower, etc.) and wine grapes. A small scale pre test is required before applying TAMARACK with copper products on other crops. It is always recommended to not apply TAMARACK with copper products in extreme hot temperatures or during flowering. **PRECAUTIONS:** If applied as a mixture with other agrochemicals or fertilizers, it is advisable to treat a small area before applying to larger crop acreages. Do not apply to plums. Do not apply with mineral oil. When used in conjunction with other agricultural products, adhere to all label requirements mentioned in that label. **SPRAYER CLEANING:** Flush all sprayer parts with clean water including the pump, hoses and nozzles several times prior to and after the use of this product. **LIMITATIONS OF WARRANTY AND LIABILITY:** Isagro USA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the Directions for Use, subject to the inherent risks described below, when used in accordance with the Directions for Use under normal conditions. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, COMPANY MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

Buyers and Users of this product must be aware that there are inherent unintended risks associated with the use of this product, independent from the control of Company. These risks include, but are not limited to, weather conditions, soil factors, moisture conditions, diseases, irrigation practices, condition of the crop at the time of application, materials which

are present in the tank mix with this product or prior to the application of it, cultural practices or the manner of use or application, all risks which are impossible to eliminate. The Buyers and Users should be aware that these factors may cause: ineffectiveness of the product, reduction of harvested yield of the crop (entirely or partially) or other unintended consequences. To the extent consistent with applicable law, by applying this product the Buyer acknowledges and accepts these inherent unintended risks and AGREES THAT ALL SUCH RISKS ASSOCIATED WITH THE APPLICATION AND USE ARE ASSUMED BY THE BUYER. To the extent consistent with applicable law, in no event shall Isagro USA be liable for any incidental, consequential or special damages resulting from the use or handling of this product (including claims based in contract, negligence, strict liability, other tort or otherwise) and the exclusive remedy of the User or Buyer and the exclusive Liability of Isagro USA shall be the return of the purchase price of the product, or at the election of Isagro or Seller, the replacement of the product. Isagro or its Seller must have prompt notice of any claim so that an immediate inspection of Buyer's or User's claim can be made. To the extent consistent with applicable law, if Buyer and User do not notify Isagro or Seller of any claims in a proper time, it shall be barred from obtaining any remedy. To the extent consistent with applicable law, Buyers and Users are deemed to have accepted the terms of this Limitation of Warranty and Liability, which may not be modified by any verbal or written agreement. Manufactured by **Isagro S.p.A.** - Guaranteed by Isagro USA, Inc. 1005 Slater Road, Suite 212 - Durham, NC 27703



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