



F 3227
Made in Italy

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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 %
10% Water Soluble Nitrogen

Derived from bovine protein hydrolysate

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

**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.

**Net Contents: 2.5 Gallons (9.46 L)
Net Weight: 26.5 lbs (12.02 kg)
Density: 10.6 lbs/gal at 68°F (1.27 g/ml at 20°C)**



Manufactured By : Isagro S.p.A.
VIA NETTUNENSE KM 23400
APRILIA, LATINA, ITA
Italian establishment approval number ABP 2811 UFERT3

Produced For and Guaranteed By:
Gowan Company, LLC
P.O. Box 5569
Yuma, AZ 85366-5569

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
Vegetable crops (Open Field) <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 pts / 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.
Tree Fruit and Vine crops <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 pts / 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.
Nut crops <i>Including but not limited to: almond, pecan, pistachio, walnut et al.,</i>	1.5 - 3 pts / 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
Field crops <i>Including but not limited to: corn, cotton, peanuts, potatoes, rice, soybeans, sorghum, sugar cane, sugar beets, wheat, et al.</i>	1.5 - 3 pts / 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.
Forage crops <i>Including but not limited to: alfalfa, ryegrass, timothy, fescue, et al.</i>	1.5 - 3 pts / acre	Use 1.5 pts/acre in low volume applications, and 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.
Turf (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.
Ornamentals (Open Field)	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
All Crops and Ornamentals	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

Crop		
Berries <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.

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

Crop		
Vegetables <i>Including but not limited to: fruiting</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.

<i>vegetables, cucurbits, Brassica or cole crops, et al.</i>		
Legumes <i>Including, but not limited to peas, beans et al.</i>	1.5 - 3 pts/acre	Make first application at 3 – 5 leaf stage. Continue applications on a 10 – 21 day interval up to 4 total applications.
Leafy vegetables <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.
Field crops <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.
Tree Crops <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.
Wine Grapes	4-8 pts/ acre	Make first application at early flowering. Make additional applications after fruit set until early fruit ripening.
Table Grapes	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.
Ornamental Crops	4-8 pts/ acre	Make first application 14 - 21 days after transplanting. Make subsequent applications every 7 - 10 days.
Bulbs/Tubers	4-8 pts/ acre	Make first application 14 - 21 days after transplanting. Make subsequent applications every 7 - 10 days.
Turf (see use restrictions note in Turf foliar application section above.)	4-8 pts/ acre	Apply using a 10 day interval.

TANK MIX COMPATABILITY

- 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.

NOTICE OF CONDITIONS OF SALE AND WARRANTY AND LIABILITY LIMITATIONS

Important: Read the entire Directions for Use and Notice of Conditions of Sale and Warranty and Liability Limitations before using this product. If terms are not acceptable return the unopened container for a full refund.

Our directions for use of this product are based on tests believed to be reliable. However, it is impossible to eliminate all risk associated with the use of this product. Crop injury, inadequate performance, or other unintended consequences may result due to soil or weather conditions, off target movement, presence of other materials, method of use or application, and other factors, all of which are beyond the control of Gowan Company, LLC. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer and User.

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