



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

February 14, 2019

Kim Davis
Authorized Agent to LidoChem, Inc.
c/o RegWest Company LLC
8209 West 20th Street, Suite B
Greeley, CO 80634-4699

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling Amendment – Add National Organic Program (NOP) Text and Organic Materials Review Institute (OMRI) Graphic and Make Other Minor Changes to the Labeling, Including Those Requested by the EPA (e.g., Update the CFR Citation in the Engineering Controls Section)
Product Name: Varnimo ST
EPA Registration Number: 70644-5
Application Date: October 9, 2018
OPP Decision Number: 545091

Dear Ms. Davis:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

This approval does not affect any terms or conditions that were previously imposed on this registration. You continue to be subject to existing terms or conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release this product for shipment with the new labeling. In accordance with 40 CFR § 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR § 152.3.

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the U.S. Environmental Protection Agency (EPA). If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims

made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact Donna Kamarei by phone at (703) 347-0443 or via email at kamarei.donna@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'JKausch', with a stylized, sweeping flourish extending to the right.

Jeannine Kausch, Product Manager 92
Microbial Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511P)
Office of Pesticide Programs

Enclosure

ACCEPTED

02/14/2019

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 70644-5

70644-5 New Label: Page 1 of 11
10/09/2018 Amendment - 02/12/2019 Revision

Sublabel A: Seed Treatment Label

{Affixed Booklet – Front Panel}

Varnimo® ST

{ABNs: Varnimo® Concentrate; Varnimo® IF; Varnimo® IF Concentrate}

Active Ingredient:*Bacillus amyloliquefaciens* strain PTA-4838* 73.4%**Other Ingredients** 26.6%**Total** 100.0%*Contains a minimum of 5 x 10¹¹ Colony Forming Units (CFU)/gram of active ingredient.**Keep Out of Reach of Children****CAUTION/PRECAUCIÓN**

Si usted no entiende la etiqueta, busque a alguien para que la explique a usted en detalle.

[Si usted no entiende la etiqueta, por favor encuentre a una persona capacitada
para explicar en detalle esta etiqueta.]

(If you do not understand the label, find someone to explain it to you in detail.)

See inside for *First Aid*, additional *Precautionary Statements* and complete *Directions for Use*.

For Only Transportation Emergencies Call 24 Hours a Day 1-800-334-7577

For Product Use Information, Call 1-732-888-8000 {or other appropriate number}

For Spill, Leak, Fire, Exposure or Accident, Call Chemtrec at 1-800-424-9300

IMPORTANT: Read the entire label before using this product.

Net Weight: _____ pounds (____ kg)

Manufactured [for] and Guaranteed by:

LidoChem, Inc.

20 Village Court

Hazlet, NJ 07730

[Phone: 1-732-888-8000 Fax: 1-732-264-2751]

EPA Reg. No. 70644-5

EPA Est. _____

Made in the U.S.A.

[Batch Code {Batch code to be inserted}.]

{Affixed Booklet – Inside Panels}

First Aid

If Inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
If on Skin or Clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
Hotline Number: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For non-emergency information concerning this product, call the National Pesticide Information Center (NPIC) at 1-800-858-7378.	

{Note: The First Aid statements' grid format will be used if market label space permits; otherwise a paragraph format will be used.}

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

CAUTION: Harmful if inhaled or absorbed through skin. Avoid breathing dust or spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Mixers/loaders and applicators must wear a NIOSH-approved particulate respirator with any P or R filter with NIOSH approval number prefix TC-84A or a NIOSH-approved powered air purifying respirator with an HE filter with NIOSH approval number prefix TC-21C. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls

When handlers use closed systems in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.607(d)), the handler PPE requirements may be reduced or modified as specified in the WPS. **Important:** When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

User Safety Recommendations

Users should:

Immediately remove clothing/PPE if pesticide gets inside. Then thoroughly wash and put on clean clothing. Immediately remove PPE after handling this product. Wash the outside of gloves before removing. As soon as possible, thoroughly wash and change into clean clothing.

{Environmental Hazards statements for container sizes less than 50 pounds:}

Environmental Hazards

For terrestrial uses: Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash-waters or rinsate.

{Environmental Hazards statements for container sizes equal to or greater than 50 pounds:}

Environmental Hazards

For terrestrial uses: Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash-waters or rinsate. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**[READ ENTIRE LABEL.
USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS AND WITH
APPLICABLE STATE AND FEDERAL REGULATIONS.]**

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard (WPS).

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 4 hours.

Exception: If the product is soil-incorporated or treated seeds are planted in the soil, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas (that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water) is: coveralls, waterproof gloves and shoes plus socks.

Non-Agricultural Use Requirements

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Keep unprotected persons out of treatment area until seeds have dried or been packaged.

Product Information

To Provide Early Season Protection Against Listed Plant Parasitic Nematodes by Seed Treatment

Varnimo® ST [This product] is a biological seed treatment that provides early season protection against listed plant parasitic nematodes. Varnimo® ST [This product] also helps establish a vigorous root system that results in greater yields, more uniform foliage and overall enhanced plant health.

Restrictions

Varnimo® ST [This Product] must be used only in accordance with the use directions on this label utilizing commercial liquid, slurry or mist-type seed treatment equipment to secure proper application. Always thoroughly mix product before use. Do not mix Varnimo® ST [this product] in hopper-boxes or planter-boxes at planting time.

[As stated by regulations specified in 40 CFR 153.155, all seed treated with Varnimo® ST [this product] must be colored with an EPA-approved dye or colorant to visually distinguish as seed treated with a pesticide. It is mandatory that such dye or colorant be added into the slurry mixture containing Varnimo® ST [this product], prior to application

through commercial seed treatment equipment. This regulation is necessary to prevent treated seed from accidental use as a food for man or feed for animals.]

Seed Quality and Storage of Treated Seed

Seed treatments applied to low vigor, poor quality or mechanically damaged seed may result in loss of seed germination or reduced seedling vigor. Prior to treatment of an entire seed lot, verify seed viability by treating a small portion of seed with the desired slurry mixture (Varnimo® ST [this product] alone or in combination with other commercial seed treatment products). Utilize standard seed germination methodologies to determine and verify seed viability. Properly store treated seed. Due to seed quality and storage conditions beyond the control of LidoChem, Inc. {or appropriate company name}, no claims are made to guarantee the germination of carry-over treated seed.

Label Requirements of Treated Seeds

The Federal Seed Act requires that bags containing treated seed be labeled or tagged with the following information:

- This seed has been treated with *Bacillus amyloliquefaciens* strain PTA-4838.
- Do not use for feed, food or oil processing.
- Store away from feeds and other foodstuffs.
- Wear long-sleeved-shirt, long pants and waterproof gloves when handling treated seed.

Application Directions

Accurate application of Varnimo® ST [this product] to seed is required for best performance. Apply as a water-based suspension of adequate volume to distribute product uniformly over seed surface area. The volume of suspension will vary according to seed type and whether companion seed treatments are used.

To verify compatibility with other seed treatment products, pretest tank mixtures to evaluate formulation and proper physical compatibility of products. When tank mixing this product, observe the most restrictive limitations and precautions listed on the tank mix partner labels.

Thoroughly pre-mix Varnimo® ST [this product] with water to ensure a uniform suspension. Mix the necessary amount of Varnimo® ST [this product] with a portion of the desired final volume of water. When the suspension is thoroughly mixed, add other seed protection products and then the remaining water to achieve desired slurry volume. For best results, immediately agitate final suspension before application to ensure complete and even distribution of product.

Crops	Nematode Pests	Varnimo® ST Application Rate
Fruiting Vegetables such as African eggplant, Bell pepper, Bush tomato, Cocona, Currant tomato, Eggplant, Garden huckleberry, Goji berry, Ground cherry, Martynia, Naranjilla, Nonbell pepper, Okra, Pea eggplant, Pepino, Roselle, Scarlet eggplant, Sunberry, Tomatillo and Tomato (Cultivar, Hybrid and Tree varieties)	Root Knot	0.01 to 0.03 oz per 100,000 seeds
Cucurbit Vegetables such as Chayote (fruit), Chinese wax gourd (Chinese preserving melon), Citron melon, Cucumber, Gherkin, Gourd (edible types such as Hyotan, Cucuzza, Hechima and Chinese okra), <i>Momordica</i> spp. (such as Balsam apple, Balsam pear, Bitter melon and Chinese cucumber), Muskmelon (such as Cantaloupe), Pumpkin, Summer and Winter squash (including Butternut, Calabaza, Hubbard, Acorn and Spaghetti) and Watermelon		0.01 to 0.04 oz per 100 lb seeds

Crops	Nematode Pests	Varnimo® ST Application Rate
Cereal Grains (except corn and sorghum) such as Barley, Buckwheat, Millet (Pearl and Proso), Oats, Rice, Rye, Teosinte, Triticale and Wheat	Cereal Cyst, Root Lesion	
Canola		
Cotton (only de-linted)	Columbia, Lance, Reniform, Root Knot, Sting	0.01 to 0.03 oz per 100,000 seeds
Corn (including field, sweet and pop)	Dagger, Lance, Needle, Pin, Ring, Root Knot, Root Lesion, Spiral, Sting, Stubby Root, Stunt	0.01 to 0.04 oz per 80,000 seeds
Grass Forage, Fodder and Hay such as any grass, <i>Gramineae/Poaceae</i> family (either green or cured) except sugarcane and those included in the cereal grains group, that will be fed or grazed by livestock, all pasture and range grasses and grasses grown for hay or silage	Lance, Needle, Pin, Ring, Root Knot, Root Lesion, Spiral, Sting, Stubby Root, Stunt	0.01 to 0.04 oz per 100 lb seeds
Non-Grass Animal Feed such as Alfalfa, Clover (<i>Trifolium</i> and <i>Melilotus</i>), Kudzu, Lespedeza, Lupin, Sainfoin, Trefoil and Velvet Bean, Vetch (Crown and Milk)	Root Knot, Root Lesion	
Legume Vegetables (Succulent or Dried) (except soybean) such as Bean (<i>Lupinus</i>) (including Grain lupin, Sweet lupin, White lupin and White sweet lupin); Bean (<i>Phaseolus</i>) (including Field bean, Kidney bean, Lima bean, Navy bean, Pinto bean, Runner bean, Snap bean, Tepary bean and Wax bean); Bean (<i>Vigna</i>) (including Adzuki bean, Asparagus bean, Blackeyed pea, Catjang, Chinese longbean, Cowpea, Crowder pea, Moth bean, Mung bean, Rice bean, Southern pea, Urd bean and Yardlong bean); Broad bean (fava) ; Chickpea (garbanzo) ; Guar ; Jackbean ; Lablab bean ; Lentil ; Pea (<i>Pisum</i>) (including Dwarf pea, Edible-podded pea, English pea, Field pea, Garden pea, Green pea, Snowpea and Sugar snap pea); Pigeon pea and Sword bean	Pea Cyst, Root Knot, Root Lesion	
Oilseeds (except canola, cotton and sunflower) such as Borage, Calendula, Castor oil plant, Chinese tallowtree, Crambe, Cuphea, Echium, Euphorbia, Evening primrose, Flax seed, Gold of pleasure, Hare's-ear mustard, Jojoba, Lesquerella, Lunaria, Meadow foam, Milkweed, Mustard seed, Niger seed, Oil radish, Poppy seed, Rose hip, Safflower, Sesame, Stokes aster, Sweet rocket, Tallowwood, Tea oil plant and Vernonia	Cereal Cyst, Root Lesion	0.04 to 0.09 oz per 100 lb seeds

Crops	Nematode Pests	Varnimo® ST Application Rate
Potato Seed Piece	Potato Cyst, Root Knot, Root Lesion, Sting, Stubby Root	0.01 to 0.04 oz per 100 lb seed pieces
Root and Tuber Vegetables (except potato and sugarbeet) such as Arracacha, Arrowroot, Artichoke (Chinese and Jerusalem), Beet (Garden), Burdock (edible), Canna (edible), Carrot, Cassava (Bitter and Sweet), Celeriac, Chayote (Root), Chervil (Turnip-rooted), Chicory, Chufa, Dasheen (taro), Horseradish, Leren, Parsley (Turnip-rooted), Parsnip, Radish, Radish (Oriental), Rutabaga, Salsify (including Black and Spanish), Skirret, Sweet potato, Tanier, Turmeric, Turnip and Yam (including Bean and True)	False Root Knot, Root Knot, Sting, Stubby Root	0.01 to 0.03 oz per 100 lb seeds
Sorghum	Ring, Root Knot, Root Lesion, Sting, Stubby Root	0.01 to 0.04 oz per 100 lb seeds
Soybean	Reniform, Root Knot, Soybean Cyst	0.02 to 0.12 oz per 140,000 seeds
Sugarbeet	Bulb, Clover Cyst, False Root Knot, Root Knot, Stem, Sugarbeet	0.01 to 0.03 oz per 100,000 seeds
Sunflower	Cereal Cyst, Root Lesion	0.04 to 0.09 oz per 100 lb seeds

{Note: The above grid format will be used if market label space permits; otherwise a paragraph format will be used.}

Storage and Disposal

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store in cool, dry conditions. Do not freeze. Tightly close opened packages. **Pesticide Disposal:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility. **Container Handling:** Non-refillable container. Do not reuse or refill this container. Completely empty bag into application equipment, then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

{Batch Code/Lot Number will appear either on the label or the container per PR Notice 2007-4.}

WARRANTY STATEMENT

WARRANTY: The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. LidoChem, Inc. warrants that at the time of the first sale of this product it conforms to the chemical description on the label and when used according to the label directions under normal growing conditions is reasonably fit for the purposes referred to above. Buyers/Users of this product assume full risk for any use contrary to the specified directions. If this product does not perform as warranted above and to the extent consistent with applicable law, customers sole remedy for breach of warranty shall be replacement of the product or refund of the purchase price paid, at the option of LidoChem, Inc. EXCEPT AS PROVIDED ELSEWHERE IN WRITING CONTAINING AN EXPRESS REFERENCE TO THIS WARRANTY AND LIMITATION OF DAMAGES, SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OR GUARANTEE

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, AND NO AGENT OF SELLER IS AUTHORIZED TO DO SO.

Varnimo is a registered trademark of LidoChem, Inc.

{Optional Marketing Statement/Graphic}

For [Use in] Organic Production



{Note: If the marketing statement "For [Use in] Organic Production" is to be used on market labeling, it must appear only on the front panel in close proximity (somewhere below) to the product name. Further, it is suggested that the OMRI logo be placed at the top left on the market label above the active ingredient statement.}

{End of Optional Marketing Statement/Graphic}

[] Denotes optional/alternate language

{ } Denotes language that will not appear on market labeling.

Sublabel B: In-Furrow Application Label

{Affixed Booklet – Front Panel}

Varnimo® ST

{ABNs: Varnimo® Concentrate; Varnimo® IF; Varnimo® IF Concentrate}

Active Ingredient:

Bacillus amyloliquefaciens strain PTA-4838* 73.4%

Other Ingredients 26.6%

Total 100.0%

*Contains a minimum of 5×10^{11} Colony Forming Units (CFU)/gram of active ingredient.

Keep Out of Reach of Children

CAUTION/PRECAUCIÓN

Si usted no entiende la etiqueta, busque a alguien para que la explique a usted en detalle.

[Si usted no entiende la etiqueta, por favor encuentre a una persona capacitada para explicar en detalle esta etiqueta.]

(If you do not understand the label, find someone to explain it to you in detail.)

See inside for *First Aid*, additional *Precautionary Statements* and complete *Directions for Use*.

For Only Transportation Emergencies Call 24 Hours a Day 1-800-334-7577

For Product Use Information, Call 1-732-888-8000 {or other appropriate number}

For Spill, Leak, Fire, Exposure or Accident, Call Chemtrec at 1-800-424-9300

IMPORTANT: Read the entire label before using this product.

Net Weight: _____ pounds (____ kg)

Manufactured [for] and Guaranteed by:

LidoChem, Inc.

20 Village Court

Hazlet, NJ 07730

[Phone: 1-732-888-8000 Fax: 1-732-264-2751]

EPA Reg. No. 70644-5

EPA Est. _____

Made in the U.S.A.

[Batch Code {Batch code to be inserted}.]

{Affixed Booklet – Inside Panels}

First Aid

If Inhaled:	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
If on Skin or Clothing:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.
Hotline Number: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For non-emergency information concerning this product, call the National Pesticide Information Center (NPIC) at 1-800-858-7378.	

{Note: The First Aid statements' grid format will be used if market label space permits; otherwise a paragraph format will be used.}

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

CAUTION: Harmful if inhaled or absorbed through skin. Avoid breathing dust or spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Mixers/loaders and applicators must wear a NIOSH-approved particulate respirator with any P or R filter with NIOSH approval number prefix TC-84A or a NIOSH-approved powered air purifying respirator with an HE filter with NIOSH approval number prefix TC-21C. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.607(d) and (e)), the handler PPE requirements may be reduced or modified as specified in the WPS. **Important:** When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

User Safety Recommendations

Users should:

Immediately remove clothing/PPE if pesticide gets inside. Then thoroughly wash and put on clean clothing. Immediately remove PPE after handling this product. Wash the outside of gloves before removing. As soon as possible, thoroughly wash and change into clean clothing.

Environmental Hazards

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash-waters or rinsate.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

[READ ENTIRE LABEL.

USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.]

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard (WPS).

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 4 hours.

Exception: If the product is soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas (that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water) is: coveralls, waterproof gloves and shoes plus socks.

Product Information

To Provide Early Season Protection Against Listed Plant Parasitic Nematodes by In-Furrow Application

Varnimo® ST [This product] is a biological in-furrow treatment that provides early season protection against listed plant parasitic nematodes and soil borne pathogens. Varnimo® ST [This product] also helps establish a vigorous root system that can result in enhanced yield potential, more uniform foliage and consistent and strong plant development.

Apply with adequate carrier volume to distribute product uniformly over the seed furrow at planting. The volume will vary according to other products utilized at planting such as liquid fertilizer and crop protection products.

To verify compatibility with other potential tank mixture products, pretest Varnimo® ST [this product] with those products to evaluate formulation and proper physical compatibility of products. When tank mixing this product, observe the most restrictive limitations and precautions listed on the tank mix partner labels. In addition, when tank mixing Varnimo® ST [this product] with other crop protection products, follow the proper order of mixing in a tank (e.g. WALES system).

Thoroughly pre-mix Varnimo® ST [this product] with water to ensure a uniform suspension. Mix the necessary amount of Varnimo® ST [this product] with a portion of the desired final volume of carrier. When the suspension is thoroughly mixed, add other crop protection products, ensuring that the proper order of mixing is followed, and then the remaining water to achieve the desired final volume of carrier. For best results, immediately agitate the final suspension before application to ensure complete and even distribution of the product.

Application Directions

Direct application to the soil, into the seed furrow where the seed is placed, behind the planter furrow openers and/or in front of the press wheel. **Ensure the furrow is completely closed and covered with soil after application.**

Crops	[Early Season Protection from the following] Pests	Varnimo® ST Application Rate (oz/Acre)
Field Corn (grain and silage); Popcorn; Sweetcorn	Nematode pests: Dagger, Lance, Lesion, Needle, Pin, Ring, Root Knot, Root Spiral, Sting, Stubby Root, Stunt	0.04 to 0.2

	Soil borne pathogens: Seedling damping off caused by <i>Rhizoctonia solani</i>	Use higher rates when nematode pressure is high based on soil counts
Soybean	Nematode pests: Reniform, Soybean Cyst Soil borne pathogens: Seedling damping off caused by <i>Rhizoctonia solani</i>	
Potato	Nematode pests: Lesion, Root Knot	0.5 to 1.5 Use higher rates when nematode pressure is high based on soil counts

{Note: The above grid format will be used if market label space permits; otherwise a paragraph format will be used.}

Storage and Disposal

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store in cool, dry conditions. Do not freeze. Tightly close opened packages. **Pesticide Disposal:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility. **Container Handling:** Non-refillable container. Do not reuse or refill this container. Completely empty bag into application equipment, then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

{Batch Code/Lot Number will appear either on the label or the container per PR Notice 2007-4.}

WARRANTY STATEMENT

WARRANTY: The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. LidoChem, Inc. warrants that at the time of the first sale of this product it conforms to the chemical description on the label and when used according to the label directions under normal growing conditions is reasonably fit for the purposes referred to above. Buyers/Users of this product assume full risk for any use contrary to the specified directions. If this product does not perform as warranted above and to the extent consistent with applicable law, customers sole remedy for breach of warranty shall be replacement of the product or refund of the purchase price paid, at the option of LidoChem, Inc. EXCEPT AS PROVIDED ELSEWHERE IN WRITING CONTAINING AN EXPRESS REFERENCE TO THIS WARRANTY AND LIMITATION OF DAMAGES, SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OR GUARANTEE TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, AND NO AGENT OF SELLER IS AUTHORIZED TO DO SO.

Varnimo is a registered trademark of LidoChem, Inc.

{Optional Marketing Statement/Graphic}

For [Use in] Organic Production



{Note: If the marketing statement "For [Use in] Organic Production" is to be used on market labeling, it must appear only on the front panel in close proximity (somewhere below) to the product name. Further, it is suggested that the OMRI logo be placed at the top left on the market label above the active ingredient statement.}

{End of Optional Marketing Statement/Graphic}

[] Denotes optional/alternate language

{ } Denotes language that will not appear on market labeling.