



U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Biopesticides and Pollution Prevention Division (7511P)  
 1200 Pennsylvania Ave., N.W.  
 Washington, D.C. 20460

EPA Reg. Number:

88760-13

Date of Issuance:

06/01/2022

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
 (under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

TNO RTS

Name and Address of Registrant (include ZIP Code):

Terramera, Inc.  
 199 West 6th Ave  
 Vancouver, BC, Canada V5Y 1K3

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product, always refer to the above EPA Registration Number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA or the Act).

Registration is in no way to be construed as an endorsement or recommendation of this product by the U.S. Environmental Protection Agency (EPA). In order to protect health and the environment, the Administrator, on his or her motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under the Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration or registration review of your product when the EPA requires all registrants of similar products to submit such data.

Signature of Approving Official:

Date:

06/01/2022

Andrew Bryceland, Team Leader  
 Biochemical Pesticides Branch  
 Biopesticides and Pollution Prevention Division (7511P)  
 Office of Pesticide Programs

2. Make the following labeling change before you release this product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 88760-13”
3. Submit one (1) copy of the final printed labeling for the record before you release this product for shipment.

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 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 false or misleading statements or claims substantially differing from the EPA-approved 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. A stamped copy of the labeling is enclosed for your records. Please also note that the record for this product currently contains the following acceptable Confidential Statements of Formula (CSFs):

- Basic CSF dated 12/27/2021
- Alternate A CSF dated 12/27/2021
- Alternate B CSF dated 12/27/2021

Any CSFs other than those listed above are superseded.

If you have any questions, please contact Susannah Powell of my team via email at [powell.susannah@epa.gov](mailto:powell.susannah@epa.gov).

Sincerely,



Andrew Bryceland, Team Leader  
Biochemical Pesticides Branch  
Biopesticides and Pollution  
Prevention Division (7511P)  
Office of Pesticide Programs

{Note: Texts in [ ] are optional language. Texts in { } are notes for reviewers.}

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# TNO RTS (EPA Reg. No. 88760-RG) Residential Use – Ready to Spray

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## TNO RTS

**[Biological] Insecticide [/Fungicide] [/Nematicide] [/Miticide]**

*For Residential Use on Listed Crops  
including vegetables, fruits, citrus, nuts, [and] ornamental plants, lawns and other  
listed plants*

**ACCEPTED**

Jun 01, 2022

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 88760-13



FOR ORGANIC GARDENING

**Active Ingredient:**

Cold Pressed Neem Oil..... 70.0%

**Other Ingredients**..... 30.0%

Total 100.0%

**KEEP OUT OF REACH OF CHILDREN**

**READ ALL DIRECTIONS BEFORE USING THIS PRODUCT**

Shake Well Before Use

[See back label for additional precautionary statements, directions for use, storage and disposal statements, and warranty.]

**NET CONTENTS: 3 FL. OZ. to 5 GALLONS**

EPA Reg. No.: 88760-RG  
EPA Est. No. 49292-WA-001

Batch No.

Manufactured for:  
Terramera, Inc.  
6920 Salashan Pkwy E-100  
Ferndale, WA 98248

## **PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

### **ENVIRONMENTAL HAZARDS**

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

### **DIRECTIONS FOR USE**

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

### **GENERAL INFORMATION**

This product controls listed insects on contact or by ingestion. The product acts on insects by way of repellence, anti-feedant action and interference with the molting process. This product controls listed diseases by inhibiting mycelial [(vegetative part of a fungus)] fungal growth. The efficacy of this product is dependent on weather conditions, intensity of pest population, area of application, and physical stages of pests and crops.

Do not store this product above 104°F for extended periods of time. Avoid storing below 70°F where possible to prevent freezing. If frozen, follow the thawing instruction below to completely thaw before use. Keep containers tightly closed and in original containers when not in use. Do not store exposed to ultraviolet light (sunlight) or moisture.

### **THAWING (MELTING) INSTRUCTIONS**

If product is solidified, thaw (melt) it by standing product container in warm water. Make sure cap is tightly closed. Or set out in temperatures over 80°F {for < 1 gallon containers} [for 24 hours] {for 2.5 gallon size} [for 72 hours] or at 72 °F or higher for 7 days. Avoid direct exposure to temperatures over 104°F.

### **MIXING INSTRUCTIONS {note to reviewer: Hose End spray to deliver a 1.5% (v/v) dilution of the product}**

#### **[SHAKE WELL BEFORE USE]**

This ready-to-spray container will mix water with the product for the appropriate use dilution when used according to the following instructions.

#### **[TWIST & SHOOT™] READY-TO-SPRAY INSTRUCTIONS**

- 1) Make sure control knob is in “OFF” position, then connect to garden hose.
- 2) Turn water on at faucet. When spraying low growing plants and small shrubs, twist the control knob right, to the “FAN” position. When spraying taller trees, shrubs and other plants, twist the control knob left to the “STREAM” position for extended reach and more uniform coverage. The product mixes automatically with the water as you spray.
- 3) To stop spraying, turn the control knob lever to the “OFF” position. Turn off water at the faucet and disconnect sprayer from garden hose.

{Note: Texts in [ ] are optional language. Texts in { } are notes for reviewers.}

**USES:** This product may be used on fruit trees, bulbs, cucurbits, fruiting vegetables, leafy and brassica (cole) vegetables, legumes, root and tuber vegetables, small fruit and berries, citrus and tropical fruits, pome and stone fruits, tree nuts, herbs, and spices, grass, lawn, [hemp] and ornamentals.

This product is most effective when applied before insects or eggs are present in large numbers.

**SPRAY DIRECTIONS**

Spray to control listed pests. Ensure thorough coverage of plant surfaces but avoid pooling or run off.

Avoid spraying under conditions of high humidity and high temperature (>90°F). To avoid potential leaf burn, apply the product in early morning or late evening. Always test the product on a small portion of plants for compatibility before treating the entire plants.

**Fruit & Nut Trees**

This product can be applied to fruit trees including Apples, Avacados, Crabapples, Loquat, Mayhaw, Oriental Pear, Pear, Quince, Apricot, Cherry (sweet & Tart), Citrus, Oranges, Grapefruit, Limes, lemons, Nectarine, Peach, Plum, Plumcot, Prune, Almond, Beechnut, Brazil Nut, Butternut, Cashew, Chinquapin, Filbert (Hazelnut), Hickory, Macadamia nut, Pecan, and Walnut (Black & English).

<b>Fruit Tree Stages and Spray Schedule</b>	
<b>Dormant:</b> Absence of growth in late fall, winter and early spring.	Ideal time to apply as a Dormant spray for control of over-wintering insects.
<b>Green Tip Stage:</b> When branch tips show new, green tissue. <b>Pre-Bloom/Pink Bud Stage:</b> When blossom buds show full color before opening.	Second application can be made anytime in this period of growth
<b>Bloom Stage:</b> When blossoms are open.	To protect pollinating insects, such as bees, do not spray during this period.
<b>Petal Fall Stage:</b> When the last of petals have fallen from the blossoms (when bees are gone).	Third application can be made.
<b>Fruit Set:</b> Fruit is established and clearly visible	Forth and subsequent applications can be made every 10 – 14 days

**PESTS:**

This product may be used to control a variety of insects and diseases listed below.

<b>Aphids such as:</b> Cotton Aphid	<b>Grasshoppers such as:</b> Carolina Grasshopper	<b>Scales such as:</b> California Red Scale
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Cowpea Aphid	Rice Grasshopper	Coffee Green Scale
Pea Aphid		San Jose Scale
Green Peach Aphid	<b>Leafhoppers such as:</b>	Soft Scale
	Grape Leafhopper	
<b>Beetles such as:</b>	Potato leafhopper	<b>Thrips such as:</b>
Cucumber Beetle		Flower Thrip
Japanese Beetle	<b>Leafminer such as:</b>	Grape Thrip
Spotted Cucumber Beetle	Citrus Leafminer	Onion Thrip
	Tomato Leafminer	Western Flower Thrip
<b>Borers such as:</b>	Vegetable Leafminer	
Peachtree Borers		<b>True Plant Bugs such as:</b>
Peach Twig Borers	<b>Maggots/Grubs such as:</b>	Lygus Bug
	Onion Maggots	Phylloxera
	Apple Maggots	
<b>Caterpillars/Moths/Worms such as:</b>	<b>Mealy Bugs such as:</b>	Spittle Bug
Armyworms	Citrus Mealy Bug	Sting Bug
Budworms		Tomato Stink Bug
Cutworms	<b>Mites such as:</b>	
Diamondback Moth	Pacific Spider Mites	<b>Weevils such as:</b>
Gypsy Moth	Red Spider Mite	Black Vine Weevil
Leafrollers	Spider Mites	Boll weevil
Loopers	Two Spotted Spider Mite	Pepper Weevil
Navel Orange Worm		
<b>Flies/Gnats such as:</b>	<b>Psyllids such as:</b>	<b>Wireworms such as:</b>
Fruit Fly	Asian Citrus Psyllid	Field/Wheat Wireworm
Fungus Gnat	Pear Psyllid	
Walnut Husk Fly	Potato Psyllid	<b>Whiteflies such as:</b>
		Cotton Whitefly
		Silverleaf Whiefly
		Greenhouse Whitefly

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### **Foliar Fungal Diseases**

Alternaria	Downey Mildew	Scab
Anthracnose	Molds	Stem Mildew
Blight (early, late, leaf)	Powdery Mildew	Southern Blight
Botrytis	Rust	Sour Rot Grapes
Black spot		
Brown rots or fruit rots		

### **Soil Fungal Diseases**

Fusarium Oxysporum  
Pythium  
Rhizoctonia Solani

### **Nematodes such as**

Dagger Nematode	Reniform Nematode	Soybean Cyst Nematode
Lance Nematode	Root Knot Nematode	Sting Nematode
Lesion Nematode		

### **STORAGE AND DISPOSAL**

For optimal use experience, store in room temperature (>60 °F) where possible to prevent thickening. If product has started to solidify, refer to "Thawing Instruction". Store in tightly closed original container when not in use. Nonrefillable container. Do not reuse or refill this container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

### **NOTICE:**

Terramera, 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, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Terramera, Inc., and, (2) buyer and user assume the risk of any such use. TO THE EXTENT PERMITTED BY APPLICABLE LAW, TERRAMERA, INC. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.

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### [Optional Marketing Claims]

- TNO RTS is an effective biological fungicide, insecticide, miticide and nematocide for organic gardening use on vegetables[, tree fruits] [, nuts] [, vines] [, citrus] [, ornamental flowers] [, shrubs and trees] [, grass lawns] [, and] [houseplants].
- For use on vegetables, [fruits,] [nuts,] [vines,] [citrus,] [ornamentals,] [shrubs and trees,] [grass] [lawns,] [houseplants]
- [For] use in and around home and home garden
- [Can be used] for organic gardening
- [Go ahead,] Spray [right] up to time of harvest
- For [greenhouses][, shade houses][, interiorscapes] [and] home garden
- For indoor and outdoor vegetables, ornamentals, flowers, trees, shrubs, container grown plants, and interiorscapes.
- [4-in-1] Insect & Disease Control
- 4-in-1 insecticide, fungicide, miticide, nematocide
- Concentrate {if 16 fl. oz. bottle} [- makes up to 20 gallons] {if 8 fl. oz. bottle}[- makes up to 10 gallons]
- Made with cold pressed neem oil
- Cold-Pressed. Neem Oil processed without chemicals.
- TNO RTS is excellent for control of spider mites, aphids, whiteflies, leafhoppers, caterpillars, and other chewing and sucking insects
- [TNO RTS] prevents black spot, powdery mildew, botrytis, rust, and other listed fungal diseases
- The 4-in1 control for roses and flowers
- For roses and flowers
- For lawn, tree & shrub
- Controls spider mites, aphids, whiteflies, caterpillars, and listed fungal diseases and soil nematodes
- [TNO RTS is] excellent for control of spider mites, aphids, whiteflies, leafhoppers, caterpillars, and other list chewing and sucking insects.
- Controls Insects & Disease on Fruit Trees
- Use on Fruit, Citrus and nut trees
- Dormant and growing season applications
- Kills over wintering insect eggs
- Help prevent disease on Fruit Tree

### {Optional images}



[Aphid]



[Borer]



[Whitefly]



[Spider mite]



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[Rust]



[Gypsy moth]



[Powdery mildew]



{Captain Jacks logo}