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



OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

July 13, 2010

John J. Wrubel
Nisso America, Inc.
45 Broadway, Suite 2120
New York, NY 10006

Dear Mr. Wrubel:

Subject: Label Notification per Pesticide Registration Notice 98-10
(Clarification of specific use sites)

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10, dated July 6, 2010, for the product "Tristar® 30 SG Insecticide," EPA Registration Number 8033-94.

The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10. The information submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please contact me directly at 703-308-8735 or email me at chao.julie@epa.gov.

Sincerely,

A handwritten signature in cursive script that reads "Julie A. Chao".

Julie A. Chao
Insecticide-Rodenticide Branch
Registration Division (7505P)
Office of Pesticide Programs

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060, Approval expires 05-31-98



United States
Environmental Protection Agency
Washington, DC 20460

- Registration
- Amendment
- Other:

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 8033-94	2. EPA Product Manager V. Eagle / J. Chao	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) TRISTAR 30 SG Insecticide	PM# Team 1	
5. Name and Address of Applicant (Include ZIP Code) Nippon Soda Co., Ltd. c/o Nisso America Inc. 45 Broadway, Suite 2120 New York, NY 10006 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(I), my product is similar or identical in composition and labeling to: NOTIFICATION EPA Reg. No. _____ Product Name JUL 13 2010	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)
NOTIFICATION of clarification of locations where the product may be used. No change in use site or use pattern. NO FEE REQUIRED.
 This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR § 152.46 and no other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR §152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
*Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container Including but not limited to 32 oz.		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)		
Name John J. Wrubel	Title Regulatory Affairs Director	Telephone No. (Include Area Code) 212-490-0351
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature <i>John J. Wrubel</i>	3. Title Regulatory Affairs Director	
4. Typed Name John J. Wrubel	5. Date 7/6/10	

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TriStar® 30 SG Insecticide

NOTIFICATION

GROUP	4A	INSECTICIDE
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ACTIVE INGREDIENT: Acetamiprid 30% by wt.
 INERT INGREDIENTS: 70% by wt.

JUL 13 2010

EPA Reg. No. 8033-94

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label find someone to explain it to you in detail.)

For MEDICAL and TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-424-9300
For PRODUCT USE Information Call 1-212-490-0350

FIRST AID

IF SWALLOWED:	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor for treatment advice. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Have person sip a glass of water if able to swallow. • Do not give anything by mouth to an unconscious person.
IF IN EYES:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present after the first 5 minutes, then continue rinsing. • Call a poison control center or doctor for 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.
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.
<p>For MEDICAL Emergencies Call 24 Hours A Day 1-800-424-9300. Have the product container or label with you when calling a poison control center or doctor or going for treatment.</p>	
<p>NOTE TO PHYSICIAN: There is no specific antidote. All treatment should be based on observed signs and symptoms of distress in the patient. Overexposure to materials other than this product may have occurred.</p>	

FOR ADDITIONAL PRECAUTIONARY STATEMENTS SEE INSIDE BOOKLET

CAUTION

HAZARDS TO HUMANS (and DOMESTIC ANIMALS)

Harmful if swallowed, inhaled or absorbed through the skin. Causes moderate eye irritation. Avoid breathing vapors or spray mist. Avoid contact with eyes, skin or clothing. Keep out of reach of children and domestic animals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Wear long sleeved shirt and long pants, socks, shoes, and gloves. 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 and chemical resistant headgear for overhead exposure.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to wildlife. This product is toxic to bees exposed to direct treatment. Do not apply this product while bees are actively visiting the treated area. Do not apply directly to water or 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 washwater or rinsate. Do not contaminate water used for irrigation or domestic purposes.

Ground Water Advisory: This chemical has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow.

Surface Water Advisory: This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having high potential for reaching surface water via runoff for several days after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of acetamiprid from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours.

SPRAY DRIFT MANAGEMENT: The interaction of many equipment factors determines the potential for spray drift. The applicator is responsible for considering all of these factors when making application decisions. Avoiding spray drift is the responsibility of the applicator.

IMPORTANCE OF DROPLET SIZE FOR OUTDOOR USE: An important factor influencing drift is droplet size. Small droplets (< 150 to 200 microns) drift to a greater extent than large droplets. Within typical equipment specifications, applications should be made to deliver the largest droplet spectrum that provides sufficient control and coverage. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible and by avoiding excessive spray boom pressure.

Spray should be released at the lowest possible height consistent with good pest control.

DIRECTIONS FOR USE

**It is a violation of Federal law to use this product in any manner inconsistent with its labeling.
Read entire label before using this product.**

Ornamentals, vegetable transplant, and greenhouse-grown tomato use only; not for woodlands or forest management.

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 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 intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

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.

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NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope for the Worker Protection Standard 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 children and pets off treated areas until dry.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE

Do not store in or around the home. Store unused product in a cool, ventilated, dry, locked area. Do not allow prolonged storage in areas where temperatures frequently exceed 115° F (46° C) NEVER TRANSFER THIS PRODUCT TO ANOTHER CONTAINER FOR STORAGE.

PESTICIDE DISPOSAL

Contamination with this product will render water, food or feed unfit for human or animal consumption. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

Nonrefillable container. Do not reuse or refill this container. Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling if available.

COMPATIBILITY

TriStar 30 SG Insecticide, when diluted with an equal volume of water, is physically compatible with a wide range of commonly used spray products, but the full range of compatibilities under local conditions is not known. Therefore, it is essential that before using TriStar 30 SG Insecticide in any tank mixture, the compatibility of the mixture be established. Add a small amount of this product to an equal volume of water in a small container and then add the other pesticide or spray product and mix thoroughly. DO NOT USE MIXTURES THAT CURDLE, PRECIPITATE, OR GREASE. FOR BEST RESULTS, SPRAY MIXTURES SHOULD BE USED IMMEDIATELY AFTER MIXING WITH ADEQUATE AGITATION.

SPECIFIC USE DIRECTIONS

NOT INTENDED FOR HOMEOWNER USE

FOR USE ON ORNAMENTAL PLANTS, DECIDUOUS AND EVERGREEN TREES, SHRUBS, AND VINES, ANNUAL AND PERENNIAL FLOWERING PLANTS, AND VEGETABLE TRANSPLANTS GROWN OUTDOORS (LANDSCAPES, FIELD, NURSERY OR CONTAINER) AND IN GREENHOUSES, HOOP HOUSES, COLD FRAMES, SHADEHOUSES AND LATHHOUSES AND GREENHOUSE-GROWN TOMATOES: bedding plants, flowers grown for cuttings, foliage plants, potted flowering plants, ornamental trees and seedlings, conifer seedlings, listed vegetable transplants, non-bearing fruit and nut trees (Non-bearing crops are perennial crops that will not produce a harvestable raw agricultural commodity during the season of application) and greenhouse-grown tomatoes (See the separate section for use in greenhouse-grown tomato production). Do not apply to bearing fruit and nut trees.

For control of insect pests, apply either as foliar broadcast spray to obtain thorough and uniform spray coverage of the plants or via a basal bark or injection treatment. For foliar broadcast sprays, choose a finished spray volume appropriate for the size of the plants and amount of foliage which will provide thorough coverage throughout the canopy. For optimum control, allow at least 6 hours before overhead irrigation of foliage. Do not allow public use of treated area during application.

FOR FOLIAR BROADCAST SPRAYS

Mix TriStar 30 SG Insecticide with sufficient water and apply as a foliar spray to obtain thorough and uniform spray coverage of the plants. Choose a finished spray volume appropriate for the size of the plants and amount of foliage

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which will provide thorough coverage throughout the canopy. Apply as soon as insects reach treatment thresholds. See resistance management section if multiple sprays are needed.

TriStar 30 SG Insecticide mixes quickly in water. This product has been found to be compatible with many commonly used surfactants, miticides and insecticides. Check physical compatibility using the correct proportion of products when combining products without prior history of use.

Note: Since plant varieties are numerous and constantly changing and may react differently at various sites, test the product and any tankmixes on a small scale before making large-scale applications if there is not local experience.

ORNAMENTAL AND FLOWERING PLANTS

PESTS	OUNCES of TriStar 30 SG Insecticide per 100 GALLONS*	COMMENTS
Aphids, such as Green Peach, Wooly, Melon, and Cotton aphid European pine sawfly Psyllids	1.3	Apply as a full coverage foliar spray with a non-ionic spreader-sticker adjuvant. When mixing with surfactant treat a small area first to make sure the surfactant does not cause phytotoxicity.
Tentiform leaf miner Mealybugs, such as Citrus, Obscure, Longtail, Pink Hibiscus, and Maderia mealybugs Leafhoppers, such as Glassy Wing Sharpshooter and Potato Leaf Hopper	2.7	Tank mixing with a surfactant may improve the control of mealybugs. Tank mixing with a surfactant or a pyrethroid may improve control of adult whiteflies. When mixing with surfactants, treat a small area first to make sure the surfactant does not cause phytotoxicity.
Caterpillars, such as Gypsy Moth, Tobacco Bud Worm, Fall Army Worm, Southern Army Worm, Cabbage Looper, and Diamondback Moth Hard and Soft Scales, such as Caribbean Black Scale, Pine Needle Scale, Green Shield Scale, San Jose Scale, Oyster Shell Scale, Tea Scale, Fletcher Scale, Florida Wax and Indian Wax Scales, Cottony Maple Scale, Euonymus Scale and Asian Cycad Scale Plant bugs, Adelgids Whiteflies, such as Greenhouse, Sweet Potato, Silverleaf, Banded, and Giant	2.7 – 5.3**	
Swede Midge	2.7 – 5.3**	Apply as a preventative spray to control the first generations if Swede Midge has been found in your area. Preventative applications will decrease the chance of quick population increases later in the season.
Fungus gnat larvae, Crane fly larvae	2.7 – 5.3**	Apply as a directed spray to thoroughly wet the upper ½ to 1 inch of soil media
Citrus thrips Other thrips, such as Cotton, Palm, and Western Flower thrips Leaf Eating Beetles (adults), such as Japanese Beetle, European Chafer and Oriental Beetle**, Strawberry Weevils	4.0 – 8.0**	Tank mixing with a surfactant will improve control. When mixing with surfactant treat a small area first to make sure the surfactant does not cause phytotoxicity.
Leaf miners, such as Chrysanthemum and Citrus Leaf Miner	6.7 – 8.0**	Rotate or tank mix with Avid®, Conserve™, Pedestal™, Distance®, Enstar®, or Talus®. Tank mixing with a surfactant may improve control. When mixing with surfactant treat a small area first to make sure the surfactant does not cause phytotoxicity.

*Product can be applied with the water volume needed to provide thorough coverage.

**Use the higher rate when insect pressure is high.

USE RESTRICTIONS AND PRECAUTIONS FOR ORNAMENTAL AND FLOWERING PLANTS

- Do not make more than 4 applications per year.
- Do not reapply more than once every 7 days. To determine if application is necessary, monitor pest densities. Consult local extension experts for thresholds.
- Do not apply more than 8 ounces of TriStar 30 SG Insecticide per acre (0.15 lbs ai/A) in a single application.
- Do not apply more than 29.3 ounces of TriStar 30 SG Insecticide per acre (0.55 lb ai/A) per year.
- Do not apply to bearing fruit trees.

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VEGETABLE TRANSPLANTS

VEGETABLE TRANSPLANTS	PESTS	OUNCES of TriStar 30 SG Insecticide per100 GALLONS*	COMMENTS
LEAFY VEGETABLES (within Crop Group 4) Amaranth, Arrugula, Cardoon, Celery, Chinese celery, Celtuce, Chervil, Chrysanthemum (edible leaved, garland), Corn Salad, Cress (garden, upland), Dandelion, Dock, Endive, Florence Fennel, Lettuce (head, leaf), Orach, Parsley, Purslane (garden, winter), Radicchio, Rhubarb, Spinach (leaf, vine, New Zealand), Swiss Chard	Aphids , such as Green Peach, Wooly, Melon, and Cotton aphid Psyllids	1.3	Apply as a full coverage foliar spray with a non-ionic spreader-sticker adjuvant. When mixing with surfactant treat a small area first to make sure the surfactant does not cause phytotoxicity.
FRUITING VEGETABLES (within Crop Group 8) Eggplant, Groundcherry, Pepino, Pepper (bell pepper, chili pepper, cooking pepper, pimento, sweet pepper), Tomatillo, Tomato COLE CROPS (within Crop Group 5) Broccoli, Chinese Broccoli (gai lan), broccoli raab (rapini), Brussel Sprouts, Cabbage, Chinese Cabbage (bok choy, napa), Chinese Mustard Cabbage (gai choy), Cavalo broccolli Cauliflower, Collards, Kale, Kohlrabi, Mizuna, Mustard Greens, Mustard Spinach, Rape Greens CUCURBITS (within Crop Group 9): Chayote (fruit), Chinese waxgourd (Chinese preserving melon), Citron melon, Cucumber, Gherkin, Gourd (edible), <i>Mormordica</i> spp., Muskmelon (hybrid and/or cultivars of <i>Cucumis melo</i>), Pumpkin, Squash (summer and winter), Watermelon	Mealybugs , such as Citrus, Obscure, Longtail, Pink Hibiscus, and Maderia mealybugs Leafhoppers , such as Glassy Wing Sharpshooter and Potato Leaf Hopper	2.7	Tank mixing with a surfactant may improve the control of mealybugs. Tank mixing with a surfactant or a pyrethroid may improve control of adult whiteflies. When mixing with surfactants, treat a small area first to make sure the surfactant does not cause phytotoxicity.
	Caterpillars , such as Gypsy Moth, Tobacco Bud Worm, Fall Army Worm, Southern Army Worm, Cabbage Looper, and Diamondback Moth Hard and Soft Scales , such as Caribbean Black Scale, Pine Needle Scale, Green Shield Scale, San Jose Scale, Oyster Shell Scale, Tea Scale, Fletcher Scale, Florida Wax and Indian Wax Scales, Cottony Maple Scale, Euonymus Scale and Asian Cycad Scale Plant bugs , Whiteflies , such as Greenhouse, Sweet Potato, Silverleaf, Banded, and Giant	2.7 – 5.3**	
	Swede Midge	2.7 – 5.3**	Apply as a preventative spray to control the first generations if Swede Midge has been found in your area. Preventative applications will decrease the chance of quick population increases later in the season.
ONIONS AND OTHER BULB VEGETABLES (within Crop Group 3-07): Chives, fresh leaves; Chinese chives, fresh leaves; daylily bulbs, Elegans hosta, Fritillaria leaves and bulbs; bulb garlic; great headed bulb garlic, serpent bulb garlic; kurrat; lady's leek; leek; wild leek; lily bulb; Beltsville bunching onion; bulb onion; Chinese bulb onion; fresh onion; green onion; macrostem onion; pearl onion; potato bulb onion; treetops onion; Welsh onion tops; shallot bulb and fresh leaves; and cultivars, varieties, and/or hybrids of these.	Fungus gnat larvae, Crane fly larvae	2.7 – 5.3**	Apply as a directed spray to thoroughly wet the upper ½ to 1 inch of soil media
	Thrips , such as Citrus Cotton, Palm, and Western Flower thrips Leaf Eating Beetles (adults) , such as Japanese Beetle, European Chafer and Oriental Beetle**, Strawberry Weevils	4.0 – 8.0**	Tank mixing with a surfactant will improve control. When mixing with surfactant treat a small area first to make sure the surfactant does not cause phytotoxicity.
	Leaf miners , such as Chrysanthemum and Citrus Leaf Miner	6.7 – 8.0**	Tank mixing with a surfactant may improve control. When mixing with surfactant treat a small area first to make sure the surfactant does not cause phytotoxicity.

*Product can be applied with the water volume needed to provide thorough coverage.

**Use the higher rate when insect pressure is high.

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USE RESTRICTIONS AND PRECAUTIONS FOR VEGETABLE TRANSPLANTS:

- Do not make more than 1 application per crop prior to transplanting.
- Do not apply more than 8 ounces of TriStar 30 SG Insecticide (0.15 lb a.i.) per acre per crop.
- Do not apply more than 0.55 lb a.i. per acre per year of any product containing acetamiprid on any outdoor field or in any greenhouse, shadehouse, or lathhouse.
- Do not harvest for food use within seven days following the last application (7 day PHI).
- For vegetable transplants, the total maximum seasonal a.i. use rate for each crop, including pre-transplant applications, cannot exceed the maximum post-transplant seasonal a.i. use rate for each respective crop.

Use the following Chart to convert the amount of product per 100 gallons above into smaller spray volume units to accommodate smaller volume application equipment.

Conversion Guide for Small Volume (less than 100 gallon) Application Equipment – Teaspoons

Label Rates Ounces/100 Gallon	Teaspoons TriStar 30 SG per Volume			
	3 Gal Tank	5 Gal Tank	10 Gal Tank	25 Gal Tank
1.3	1/3	1/2	1	2 2/3
2.7	2/3	1	2	5 1/3
4.0	1	1 1/2	3	8
5.3	1 1/3	2	4 1/4	10 2/3
6.7	1 2/3	2 1/2	5 1/3	13 1/3
8.0	2	3	6 1/2	16

FOR BASAL BARK TREATMENT OF TREES (ORNAMENTAL OR NON-BEARING FRUIT AND NUT)

TriStar 30 SG may be applied as an external basal bark application to ornamental and non-bearing fruit and nut trees for control of borers (such as Flathead Apple Borer), scale insects (such as Calico Scale, Gloomy Scale, Azalea Bark Scale) and Hemlock Woolly Adelgids in hard to spray or environmentally sensitive areas. This application involves wetting the bark of the tree starting from a height of approximately 8 feet downwards to the exposed root flair with a directed spray to completely wet the application area. Depending on the specific bark characteristics, use 3-4 fluid ounces of spray per inch Diameter Breast Height (DBH at 4.5 feet) of the intended target.

Application Instructions

1. Depending on insect target, treatments may begin at bud break through full leaf expansion in early to mid-Spring. Consult your local extension service recommendations for the target pest. Make applications as required for preventative or curative management of pest.
2. Using a low pressure (10-25 PSI), small volume handcan or backpack sprayer, mix 4-8 oz of TriStar 30 SG per gallon of water with an organo-silicate adjuvant according to the adjuvant product instructions. Apply as a full coverage spray starting at the top of the application zone and working downwards to the root flair. One gallon should treat approximately 36-42 total inches of treatment DBH depending on bark surface.
3. Do not apply to wet bark, or during rainfall, or if rain is expected within 12 hours after application.
4. Do not apply as a drench to the soil.

FOR TREE INJECTION APPLICATION TO ORNAMENTAL OR NON-BEARING FRUIT AND NUT TREES

TriStar 30 SG may be applied by injection directly into ornamental or non-bearing fruit and nut trees for control of borers (such as Flathead Apple Borer), scale insects (such as Calico Scale, Gloomy Scale, Azalea Bark Scale) and Hemlock Woolly Adelgids in hard to spray or environmentally sensitive areas using the Arborjet IV, Wedgle Direct-Inject or similar compatible systems.

General Directions:

Depending on the injection equipment used, multiple injection sites may be required. To determine the initial number of injection holes, measure the DBH using a standard forestry tape measure. For circumference, divide the measurement by six (6) to determine the number of holes needed. For Diameter, divide the measurement by two (2) to determine the number of holes needed. Initial injection sites should be in active sapwood, evenly spaced around the tree at the root buttress region and avoiding the root valleys. Follow manufacturer instructions for the specific device for proper injection practices and to minimize tree damage.

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Application Instructions

1. Depending on insect target, treatments may begin at bud break through full leaf expansion in early to mid-May based on local extension service recommendations. Make applications as required for preventative or curative management of pest.
2. Mix 2.8 – 3.6 grams (¾ to 1 ½ teaspoons) per inch DBH of target tree in sufficient water for use following the manufacturer’s instructions for the specific injection device.

FOR USE IN GREENHOUSE-GROWN TOMATO PRODUCTION

TriStar 30 SG Insecticide may be applied by injection into drip-irrigation or micro-irrigation (spaghetti tube or emitter) systems, soil drenching, or by hand-held or motorized calibrated or motorized calibrated irrigation equipment directed to the plant roots for control of various insect pests on mature tomato plants grown in greenhouses. Application should be made only to mature tomato plants grown in non-soil media such as rock wool, vermiculite, perlite, or other soil-less media. Many cultivars of vegetables show good safety to TriStar 30 SG Insecticide. However, some cultivars may exhibit sensitivity and therefore treatment of a few plants is recommended prior to treating an entire greenhouse.

Crop	Pest	Ounces of TriStar 30 SG Insecticide Per 1000 Plants	Comments
Greenhouse-grown tomatoes (mature plants)	Whiteflies Psyllids Thrips Aphids	0.4	Make the application when insect pressure exceeds threshold levels.

**Greenhouse-grown Tomatoes
Use Restrictions and Precautions**

- Do not make more than one (1) application per crop.
- Do not apply less than one (1) day before harvest.
- Do not exceed a total of 0.075lb ai/acre/crop based on 10,000 plants per acre.

RESISTANCE MANAGEMENT

Some insects are known to develop resistance to insecticides after repeated use. As with any insecticide, the use of this product should conform to resistance management strategies established for the use area. Avoid treating these insects with consecutive applications of insecticides within the same class of chemistry. Resistance to other neonicotinoids, such as Merit and Marathon may result in resistance to TriStar 30 SG Insecticide. Therefore, to minimize the potential for neonicotinoid resistance, rotate with other classes of insecticides. Consult your agricultural advisor for resistance management strategies and recommended pest management practices for your area.

ENDANGERED SPECIES NOTICE: Under the Endangered Species Act, it is a Federal Offense to use any pesticide in a manner that results in the death of a member of an endangered species. Consult your local county bulletin, County Extension Agent, or Pesticide State Lead Agency for information concerning endangered species in your area.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Nippon Soda Co., Ltd. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: TO THE EXTENT ALLOWABLE BY APPLICABLE LAWS, NIPPON SODA CO., LTD. MAKES NO OTHER WARRANTIES EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS

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