Not for Sale, Sale Into, Distribution and/or Use in Nassau and Suffolk Counties of New York State.

GROUP 28 INSECTICIDE

Altriset®

Termiticide

For use by individuals/firms licensed or registered by the State to apply termiticide products. States may have more restrictive requirements regarding qualifications of persons using this product. Consult the structural pest control regulatory agency of your State prior to use of this product.

Active Ingredient:	
Chlorantraniliprole* 1*H*-Pyrazole-5-carboxamide, 3-bromo-*N*-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-:	18.4%
Other Ingredients	81.6%
Total:	100.0%

*Chlorantraniliprole is an anthranilic diamide insecticide.
Altriset® is a suspension concentrate.

Contains 200 grams of active ingredient per liter or 1.67 pounds of active ingredient per gallon.

KEEP OUT OF REACH OF CHILDREN

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.)

EPA Reg. No. 100-1503
EPA Est. 46073-TN-003^{NTM}, EPA Est. 72344-MO-004^{TRR}

(Superscript is first three letters of batch code on container)

Product of USA

SCP 1503A-L1A 0115

34 fl oz
Net Contents
Non-refillable Container

syngenta®

FIRST AID

HOT LINE NUMBER
For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident),
Call
1-800-888-8372

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

When used as directed this product does not present a hazard to humans or domestic animals.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixers and loaders must wear:

- Shirt and long pants.
- Shoes plus socks.

After the product has been diluted in accordance with label directions for use, shirt, pants, socks and shoes are sufficient personal protective equipment (PPE). Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables are available, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

User 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.

Environmental Hazards

This pesticide is toxic to aquatic invertebrates, oysters and shrimp. Do not apply directly to water. Do not contaminate water when disposing of equipment rinse water. Do not apply where/when conditions could favor runoff. Drift and runoff from treated areas may be hazardous to aquatic organisms in water adjacent to use areas.

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

DIRECTIONS FOR USE

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

Read entire label before using this product.

For use by individuals/firms licensed or registered by the state to apply termiticide products. States may have more restrictive requirements regarding qualifications of persons using this product. The structural regulatory agency of your state may be consulted prior to use of this product.

Precautions

Prior to treatment, the applicator must check the area to be treated and immediately adjacent area of the structure for visible and accessible cracks and holes to prevent leaks or significant exposures to persons occupying the structure.

After application, the applicator is required to check for leaks. All leaks resulting in the deposition of termiticide in locations other than those prescribed on this label must be cleaned up prior to leaving the application site. Do not allow people or pets to contact areas where leak occurred until the cleanup is completed.

Do not apply finished dilution until the location and type of construction of (1) heat or air-conditioning ducts and vents, (2) water and sewer (or plumbing) lines and (3) electrical lines/conduits are known and identified. Caution must be taken not to contaminate or damage these structural elements and airways.

Do not apply to electrical switches or receptacles or other wiring where electrical hazards exist.

- Keep people and pets out of area being treated during application.
- Do not contaminate public or private water supplies.
- Do not treat soil that is frozen or water-saturated soil that will not accept the termiticide.
- Use anti-back flow equipment on all filling hoses.

GENERAL PRODUCT INFORMATION

- Altriset is formulated as a water-based suspension concentrate.
- Altriset is intended for use as a remedial and/or preventive termite control product in both pre- and post-construction situations.
- Altriset is effective against subterranean termites, including species of *Reticulitermes, Coptotermes,* and *Heterotermes.*
- Altriset provides control of localized infestations of drywood termites, including species of *Incisitermes, Cryptotermes,* and *Marginitermes.*
- Altriset is effective against arboreal termites, including *Nasutitermes.*
- Refer to the **USE INFORMATION** section of this label for Altriset rates to be used for specific uses.

To maximize the effectiveness of Altriset when treating structures for control/protection against subterranean termite infestations, apply the product in a manner as to provide a continuous treatment zone. Every attempt to maintain the continuous treatment zone must be made. Altriset must be applied by technicians familiar with trenching, rodding, short rodding, sub-slab injection, wood injection systems, reticulation systems (both sub-slab and wall voids) and foam delivery systems. Altriset may not be completely effective unless conducive conditions (i.e., moisture problems and direct wood-to-soil contact) are corrected.

MIXING PROCEDURES

For best results, clean application tanks, hoses, and nozzles prior to mixing Altriset, especially if the tank has been used to apply a repellent termiticide.

Altriset must be mixed in water and applied as a dilute finished mixture using directions contained in the mixing table below.

Table I: Mixing Table for Altriset

Finished Mixture (Gallons)	Amount of Altriset to be Diluted in Water to Obtain the Desired Level of Active Ingredient in the Finished Mixture	
	To Mix 0.05% Dilution	To Mix 0.1% Dilution
1	0.34 fl oz (10 mL)	0.68 fl oz (20 mL)
25	8.5 fl oz (250 mL)	17 fl oz (500 mL)
50	17 fl oz or 1 pt 1 oz (500 mL)	34 fl oz or 2 pt 2 oz (1 L)
100	34 fl oz or 2 pt 2 oz (1 L)	68 fl oz or 4 pt 4 oz (2 L)

Mixing Instructions:

Mix Altriset in the following manner:

- Use clean, well-maintained application equipment.
- Fill applicator tank ¼ to ½ full with water.
- Start pump to begin by-pass agitation and place end of treating tool in tank to allow circulation through hose.
- Before pouring into tank, shake the container of Altriset well.
- Add required amount of Altriset according to Table I, as appropriate.
- Let pump run and allow re-circulation through the hose.
- Add the remaining amount of water.

NOTE – The mixture should not be stored in the tank overnight. If this cannot be avoided, recirculate the mixture before using.

USE INFORMATION

States may have their own regulatory guidelines or requirements in regard to this label. Pest Management Professionals (PMPs) should check with their state for additional rules and regulations for subterranean termite treatments.

Altriset may be used for post-construction applications to provide remedial control or preventive termite protection and for pre-construction preventive treatment.

Use information on the Altriset label is organized into seven main sections:

Section 1: USE RATES FOR TERMITE TREATMENTS

Section 2: APPLICATION TECHNIQUES FOR PRE- AND POST-CONSTRUCTION TREATMENTS

Section 3: USE DIRECTIONS FOR POST-CONSTRUCTION TREATMENTS

Section 4: USE DIRECTIONS FOR PRE-CONSTRUCTION TREATMENTS

Section 5: USE OF ALTRISET WITH OTHER TERMITE CONTROL PRODUCTS

Section 6: USE DIRECTIONS FOR APPLICATION TO NON-STRUCTURAL AREAS

Section 7: USE DIRECTIONS FOR CONTROL OF DRYWOOD TERMITES

1.0 USE RATES FOR TERMITE TREATMENTS

When used as specified on this label, Altriset provides effective remedial and preventative termite control with the goal of protecting the structure against termites. When applying Altriset, every attempt to maintain the continuous treatment zone must be made. Refer to Table II for rates of Altriset to be used for termite treatments.

Table II. Use Rates for Altriset

Use	Application Type*	Concentration of Active Ingredient (% Dilution)
Post-Construction	Preventive, No Termite Evidence	0.05%-0.1%
	Remedial, Termite Evidence Found	0.05%-0.1%
Post Construction - Combined with other Primary [Stand-Alone] Termite Treatment	Remedial, Spot, Partial or Complete Treatment in Combination with Termite Baits	0.05%-0.1%
Pre-Construction (Stand-Alone)	Preventive	0.05%-0.1%
Pre-Construction - Combined with other Primary [Stand-Alone] Termite Treatment	Preventive in Combination with Borates or Termite Baits	0.05%-0.1%
Non-Structural Termite Control (Posts, Poles, Trees, Firewood)	Preventive, No Termite Evidence	0.05%-0.1%
	Remedial, Termite Evidence Found	0.05%-0.1%
Drywood Termite Control	Treatment of Localized Infestations of Drywood Termites	0.05%-0.1%

*For the purposes of Altriset rate selection, a positive finding of termite evidence is defined as the presence of live termites, active termite mud tubes, recent activity of termite alates, or other generally accepted measure of termite activity.

1.1. RATES OF ALTRISET TO USE FOR REMEDIAL TREATMENTS

For all post-construction, remedial subterranean termite treatments, where evidence of termites is found, Altriset must be applied at 0.05%-0.1% finished dilution. While Altriset is labeled for remedial treatment at 0.05% and 0.1% finished dilution, the 0.05% finished dilution should be used for typical situations. Where difficult construction types, or in cases where termite infestations are severe, 0.1% finished Altriset dilution is recommended.

1.2. RATES OF ALTRISET TO USE FOR PREVENTIVE TREATMENTS

Altriset may be used at 0.05%-0.1% finished dilution as a preventive application for subterranean termites.

2.0 APPLICATION TECHNIQUES FOR PRE- AND POST-CONSTRUCTION TREATMENTS

A variety of application techniques will be used to establish the treatment zones as described below, depending on construction type.

2.1 TECHNIQUES FOR ESTABLISHING A VERTICAL TREATMENT ZONE

Vertical treatment zones are established around foundation elements such as walls, pillars, piers and chimney bases, patios and porches, as well as around pipes, conduits and other utilities.

When treating adjacent to foundations, the treatment must extend from the finished grade to the top of the footing. Where the depth to the footing is greater than 4 feet, the treatment must extend to a minimum depth of 4 feet. Where the footing is shallow, 6 inches or less, the treatment will extend downward adjacent to the footing.

Methods of establishing the vertical treatment zone are 1) trench and treat method (see Section 2.1.1 for application methods); 2) rod-treat method (see Section 2.1.2 for application); and 3) excavation and treated back-fill method (see Section 2.1.3 for application methods).

The foundation is to be treated by the trench-and-treat method or a combination of trench-and-treat and rod-treatment methods. In places where physical obstructions or soil condition prevent digging a trench adjacent to various building components, treatment may be made by rodding alone.

If situations are encountered where the soil will not accept the full label application volume, apply half the volume of Altriset finished dilution at twice the concentration (up to 0.20% dilution).

2.1.1 Trench-and-Treat Method

Dig a trench adjacent to the foundation element or building component to be treated. The trench must extend from the top of the grade to the top of the footing. The trench must be a minimum of 6 inches deep and need not be wider than 6 inches. Apply Altriset to the soil in the trench as the soil is being replaced in the trench. Apply termiticide at the rate of 4 gallons of dilution per 10 linear feet of trench per foot of depth. Mix the dilution with the soil as it is replaced in the trench to maximize dispersion within the treatment zone. Where footings are deeper than 4 feet, treat to a minimum depth of 4 feet. A combination of trench-and-treat and rod-treat method (see Section 2.1.2) may be used where conditions do not permit trenching the full depth.

Where footings are exposed or less than 6 inches below grade it is necessary to trench adjacent to the footing to a depth not to exceed the bottom of the footing. Do not treat below the footing of existing structures.

When treating along a slope it may be necessary to step or terrace the trench to prevent runoff and to create a continuous treatment zone.

Where physical obstructions, such as concrete walkways, driveways, patios, porches, etc. adjacent to foundation elements, prevent trenching, treatment may be made by rodding alone.

When the soil type and/or conditions make trenching impractical, rodding may be used in combination with the trench and treat method (see Section 2.1.2 below).

2.1.2 Rod-Treat Method

Where soil is accessible and conditions permit trenching, the rod treatment method is to be used in combination with the trench-and-treat method. However, it is often impractical to dig trenches to the required depth. In such situations, treatments may be made by trenching, then rodding to the required depth. In addition, physical obstructions and soil conditions often prevent digging a trench adjacent to various building components. In such situations, treatment may be made by rodding alone.

For all rodding applications, where feasible, rodding must be spaced so as to achieve a continuous treatment zone, but in no case more than 12 inches apart.

Exposed Soil

Rod treatments are performed from the bottom of the trench, or from the finished grade when required by conditions above, to the top of the footing or a minimum depth of 4 feet. Altriset is injected into the soil at the rate of 4 gallons per 10 linear feet per foot of depth to the top of the footing. A directional dispersion (four-way) tip will maximize the distribution of the termiticide in the soil. Inserting the rod at an angle parallel to the foundation will improve the dispersion of the termiticide and increase the likelihood of a treatment zone.

Sub-slab Injection

Rod treatments are used when creating a vertical treatment zone in soil beneath slabs inside and outside of the structure. Before attempting to drill and rod-treat soil, the applicator must locate heating ducts, water/sewer lines, and electrical lines/conduits. Care must be exercised to not drill or rod into these building elements.

To treat soil beneath slabs, drill holes vertically through slab along the foundation or other building component within 6 inches of the expansion joint or slab penetration to be treated. Rod-treat the soil beneath slab from immediately beneath the slab to the top of the footing at the rate of 4 gallons of Altriset per 10 linear feet per foot of depth.

In rare situations due to the location of building elements such as heating ducts, water/sewer lines, or electrical lines/conduits, it may be impossible or undesirable to drill and rod-treat vertically. In such situations, horizontal short rodding practices may be used to establish a continuous treatment zone along the inside perimeter of the foundation.

Where appropriate, holes must be drilled from outside the foundation at an angle; which allows a finished dilution of Altriset to be deposited below heating ducts, water/sewer lines, and electrical lines/conduits if present.

Horizontal long rodding practices may only be employed to treat areas underneath the slab that are not accessible by vertical rodding or horizontal short rodding. Long rods exceeding 20 feet in length should not be used.

Inject Altriset into the drilled holes at the rate of 4 gallons per 10 linear feet per foot of depth. A directional dispersion (four-way) tip will maximize the distribution of the termiticide in the soil.

All holes in commonly occupied areas into which material has been applied must be plugged. Plugs must be of non-cellulose material or covered by an impervious, non-cellulose material such as Portland cement.

2.1.3 Treated Backfill Method

a) Trench and remove soil to be treated onto heavy plastic sheeting or similar material or into a wheel-barrow.
b) Treat soil at the rate of 4 gallons of Altriset per 10 linear feet per foot of depth of the trench, or 1 gallon of Altriset per 1.0 cubic foot of soil. Mix thoroughly into the soil taking care to contain the liquid and prevent runoff or spillage.
c) After the treated soil has absorbed the finished Altriset dilution, return the soil to the trench.

2.2 TECHNIQUES FORESTABLISHING A HORIZONTAL TREATMENT ZONE

Horizontal treatment zones are established to stop or prevent subterranean termites from entering in crawlspaces that are inaccessible for vertical treatment and for treating soil to be covered by concrete slab floors. Horizontal treatment may also be used to protect stored items such as firewood.

Horizontal applications are made by applying 1 to 1.5 gallons of Altriset at low pressure (no more than 25 psi) to the surface of the soil to be treated per 10 square feet.

In the case of pre-construction applications, the treatment must be performed before the vapor barrier is installed.

2.3 TREATMENT OF UNIT MASONRY WALLS AND FOUNDATION ELEMENTS

Treatment of unit masonry walls such as hollow block, multiple brick, tile and combinations of these materials is intended to stop or prevent termites from entering the structure through these construction elements. When using this treatment, access holes should be drilled below the sill plate and should be as close to the footing as practical.

Where feasible, holes must be drilled in a continuous line so as to inject termiticide into all known voids. Inject termiticide into holes at a rate equal to 2 gallons per 10 linear feet of footing using a nozzle pressure of not more than 25 psi.

Treatment of voids in block, brick or rubble foundation walls should be closely examined. Applicators must inspect areas of possible runoff as a precaution against application leakage in the treated areas. Some areas may not be treatable or may require mechanical alteration prior to treatment.

Foam application may be used to maximize dispersion of termiticide when treating masonry voids. (See Foaming Instructions in Section 2.5 below.)

2.4 TECHNIQUES FOR WOOD SURFACE APPLICATION AND WOOD INJECTION

2.4.1 Surface Treatment

Wood surfaces may be sprayed or misted with a 0.05-0.1% dilution or, where appropriate, use a sufficient volume of foam. For inaccessible surfaces, drill and treat the interior of structural voids. Surfaces treated may include exposed wooden surfaces in crawlspaces, basements, or attics, wooden exterior surfaces such as decks, fencing, or siding, structural voids, channels in damaged woods, in spaces between members of a structure, and junctions between wood and foundations. Apply by brushing or as a coarse, low pressure (about 20 psi) spray to wood surface; apply sufficient volume to cover the surface to the point of wetness, but avoid applying to the point of runoff. When spraying overhead in living areas, cover surfaces below the treated area with plastic sheeting or similar material. Avoid contact with treated surfaces until spray deposits have dried. Retreat as needed to maintain protection.

2.4.2 Wood injection

For injection, use a pointed injection tip to apply finished dilution of Altriset as a liquid or foam to voids or galleries in damaged wood, carton material, between wood structural members between wood and foundation elements and similar areas. Multiple injection points to varying depths may be necessary. Spacing of the holes will depend on the distribution of insect activity and galleries. Injection holes may be clustered in areas with insect activity as indicated by damage, live insects or other detection methods. For control of drywood termites, refer to section 7 of this label.

Care should be taken to avoid electrical wiring, plumbing, etc. when drilling and injecting. Do not drill completely through wood.

2.5 FOAMING INSTRUCTIONS

Construction practices, soil substance or other factors can create situations where a continuous treatment zone cannot be achieved using conventional liquid treatment alone. In such situations, conventional liquid application methods may be supplemented through the use of foam generation-equipment.

Treatment of filled stoops and porches, chimney bases, piers, soil under concrete slabs, block voids, behind masonry, other veneers and stud walls are examples where foam applications may be useful. Foam applications to wall voids in stud walls should utilize dry foam only (25:1 expansion ratio). Only apply foam to wall voids where termites or termite damage are detected or suspected.

In general, foam-only applications are appropriate when attempting to maximize horizontal coverage in areas where there is no deep foundation or footing (e.g., around plumbing entries, settling under slabs, and near cracks in concrete). In areas where both lateral spread and deeper vertical penetration of the termiticide are needed, both foam and liquid should be used (e.g., adjacent to foundation walls).

Foam and liquid applications must be consistent with the volume and active ingredient instructions in order to ensure proper application has been made. At least 75% of the gallons of the finished Altriset dilution must be applied as a typical liquid treatment. The remaining gallons must be delivered to appropriate locations using a foam application.

The total amount of product applied with the combination of foam and liquid finished dilution should be equivalent to that of an application of liquid finished dilution only. Foam applications are generally a supplement to liquid treatments, but may be used in difficult to access spot treatment locations.

2.5.1 Foam Mixing Instructions and Application

Prepare the finished dilution of Altriset and mix it with manufacturer's specified volume of foaming agent to provide a continuous treatment zone at the recommended rate for specific applications (provided in the text of this label). The foaming agent that is used must be non-repellent to the target termite species. If sufficient foam volume cannot be applied to achieve the recommended rate of Altriset, apply additional finished dilution of Altriset as liquid to assure proper treatment volumes and concentration in the treatment zone.

Table III: Mixing Table for Altriset Foam

Altriset Use Dilution	Finished Mixture (Gallons)	Foam Expansion Ratio*	Finished Foam (Gallons)
0.05%-0.1%	1.0	25:1	25
	1.66	15:1	
	2.5	10:1	
	5.0	5:1	

* Add the manufacturer's recommended quantity of foaming agent to the Altriset dilution.

For wall voids, galleries and spot applications, use an expansion ratio of greater than or equal to 25:1; for subsurface applications, concrete block, etc., use an expansion ratio in the range of 5:1 to 15:1.

3.0 USE DIRECTIONS FOR POST-CONSTRUCTION TREATMENTS

Post-construction treatments, those applications made after the final grade is installed, can be made with Altriset for the purpose of protecting the structure from termite infestations (preventive) and/or controlling existing termite populations (remedial). Applicators must use the methods described below. Refer to Table II for rates of Altriset to use in post-construction treatments.

3.1 EXTERIOR TREATMENT

The exterior application with Altriset must be applied in such a way as to provide a continuous treatment zone to prevent termites from infesting the structure. Read and follow application volume use directions on this label.

3.1.1 Crawl space, Plenum, Concrete Slab and Basement Construction

Establish a vertical treatment zone around the entire perimeter of the structure to be treated as described in Section 2.1. Use one or more of the techniques described as required to establish a continuous vertical treatment zone around the entire perimeter of the structure.

3.1.2 Exterior Obstructions

Slabs on grade (such as walkways, patios, driveways, etc.)

Drill vertically through slab to establish a vertical treatment zone around the entire perimeter of the structure to be treated beneath all adjacent slabs as described in Section 2.1.2.

Earth-Filled Slabs

Where earth-filled slabs adjoin the foundation wall, drill slabs vertically and treat soil beneath slab as described in Section 2.1.2.

Alternatively, the applicator may use the horizontal rod/treat technique when vertical drilling is not possible or desirable due to slab finish. Where earth-filled slabs are deep, it may be necessary to long rod several times at increasing depths.

3.1.3 Treatment of structures with adjacent well, cisterns or other water bodies

Do not treat soil within 5 feet of a well or cistern. When treating soil between 5 and 10 feet of a well or cisterns, the treated backfill method must be used. Where a risk of contamination exists due to the proximity of a well cistern or other water body, use the excavation and treated backfill method of application as described in Section 2.1.3. Prior to treatment, if feasible, expose the water pipe(s) coming from the well to the structure if the pipe(s) enter the structure within 3 feet of the grade.

3.1.4 Accessible Crawlspaces

Treat accessible crawlspaces as described below:

Before Treatment: Turn off the air circulation system of the structure, and, as an added precaution, vacate people and pets from the crawl space until application has been completed and all Altriset has been absorbed by the soil.

Pillars, pilasters, chimney bases, utilities etc.

Establish a vertical treatment zone of Altriset around all pillars, utilities and chimney bases in accordance with Section 2.1.

Foundation walls

Establish a vertical treatment zone at the base of foundations walls. Treat in accordance with Section 2.1.

3.1.5 Inaccessible Crawlspaces

Before treatment, turn off the air circulation system of the structure until application has been completed and all Altriset has been absorbed into the soil. For inaccessible interior crawlspace areas, such as areas where there is insufficient clearance between floor joists and ground surfaces to allow operator access, excavate, if possible, and treat according to Section 3.1.4 for accessible crawl spaces. Otherwise, apply one, or a combination of the following two methods:

a) To establish a horizontal treatment zone, apply to the surface 1 gallon of Altriset per 10 square feet overall using a nozzle pressure of less than 25 psi and a coarse application nozzle. For an area that cannot be reached with the application wand, use one or more extensions to make the application to the soil. Do not broadcast at pressures greater than 25 psi.

b) To establish a horizontal treatment zone, drill through the foundation wall or through the floor above and treat the soil at a rate of one gallon of Altriset per 10 square feet. Drill spacing intervals must not exceed 16 inches apart. Some states have smaller intervals so check state regulations.

3.1.6 Garages

To treat soil under the slab, drill vertically through the slab along the interior perimeter of the garage foundation as described in Section 2.1.2. Treatment along concrete expansion joints, cracks, plumbing, and utility services penetrating the slab should be performed. It may be necessary to drill holes along one side of the slab adjacent to an interior partition wall if there is clear evidence of termite activity or damage to the wall.

3.2 INTERIOR CONCRETE FLOORS

Sub-slab injection treatments should be made from inside the structure or, in cases where this is not possible, by drilling through the foundation from the outside as directed in Section 2.1.2 above.

Prior to making any treatments, locate all heating/air conditioning ducts, vents, water/sewer lines and electrical lines/ conduits.

3.2.1 Bath Traps/ Drain Pipes/ Utility Penetrations

To treat exposed soil or soil covered with tar or similar sealant around plumbing and/or drainpipe areas and/or utility penetrations, tar or sealant may have to be removed to allow for adequate soil treatments. An access door or inspection portal may be installed if one is not already present. After inspection and removal of all wood/cellulose debris, the soil is treated by rodding or drenching the soil with Altriset. Treat with a minimum of 1 gallon to a maximum of 4 gallons of finished dilution per square foot.

3.2.2 Shower Drains

Drill through slab adjacent to shower drain and apply Altriset by sub-slab injection to the soil below. Foam application may be used to ensure maximum dispersion. Multiple access points may be drilled adjacent to the drain.

Treat soil with a minimum of 1 gallon but no more than 4 gallons of finished dilution per shower drain. Horizontal rodding may be used to access and treat the soil associated with the shower drain if a horizontal treatment is required.

3.2.3 Fixed Sub-slab Delivery Systems for Sub-slab Treatment

Sub-slab insecticidal delivery systems such as permanently installed piping or flexible tubing may also be used to deliver product to critical inaccessible areas under the slab such as concrete expansion joints, cracks, plumbing utility services penetrating the slab etc. Follow manufacturer's directions for use of the delivery system to ensure that the insecticide is distributed evenly throughout the treatment zone. For these systems, the finished dilution of Altriset must be applied at the rate of 1 gallon per 10 square feet.

3.3 PLENUM CONSTRUCTION

Before treatment, turn off the air circulation system of the structure until application has been completed and all Altriset has been absorbed into the soil. For interior treatment of plenum structures that use a sealed under-floor space to circulate heat and/or cooled air throughout the structure, follow these instructions:

1) Remove the sealing fabric and anything on the sealing fabric to expose soil no more than 18 inches adjacent to all foundation structures including, foundation walls, interior piers, pipes, and other structures with soil contact. Follow the instructions listed in Section 2.1.
2) After the finished dilution of Altriset has been absorbed by the soil; replace the sealing fabric and anything to be placed on the sealing fabric to its original, pre-treatment position.

3.4 ABOVE-GROUND TERMITE INFESTATIONS

For control of termite aerial colonies, carton nests, termites in localized areas of wood structures, and termites infesting building voids, apply Altriset at the 0.05-0.1% dilution to these infested areas. These infested areas in building voids, crawl spaces, and attics can be treated directly by injecting a dilution of Altriset using a pointed injection tool. Multiple injection points to varying depths may be necessary. Altriset foam application to these areas may also be conducted. When applying foam for wall void, galleries and spot application where a drier foam preparation is appropriate, use an expansion ratio of greater than or equal to 25:1 (see Section 2.5 for additional information on foaming applications).

For treatment of above-ground termite infestations in trees or other non-structural areas, refer to Section 6. For treatment of drywood termites, refer to Section 7.

3.4.1 Termite Carton Nests

It is desirable to physically remove carton nest material from the structure when such nests are found. If this is not feasible, termite carton nests in building voids, crawlspaces, and attics must be treated directly by injecting dilution of Altriset using a pointed injection tool.

Multiple injection points to varying depths may be necessary. Wood material associated with carton nest may also be treated. Refer to section 2.4 for methods of treating wood material using the surface treatment or injection methods.

3.5 UNIT MASONRY FOUNDATIONS AND VOIDS

Voids within unit masonry walls, pillars, chimney bases etc. should be treated with Altriset as described in Sections 2.3 and 3.14.

Foam application may be used to maximize dispersion. Refer to section 2.5 for guidance on foaming techniques and mixing rates for foam applications.

3.6 RETREATMENT INSTRUCTIONS

Retreatment for subterranean termites in or along the outside perimeter of the structure may only be performed if there is clear evidence of re-infestation or disruption of the treatment zone due to construction, excavation, or landscaping and/or evidence of the breakdown of the termiticide treated area in the soil.

These vulnerable or re-infested areas may be retreated using partial or complete treatment(s) in accordance with application techniques described in this label. The timing and type of these treatments will vary depending on factors such as termite pressure, soil types, soil conditions and other factors, which may reduce the effectiveness of the treatment zone.

4.0 USE DIRECTIONS FOR A PRE-CONSTRUCTION APPLICATION

FOR PRE-CONSTRUCTION TREATMENTS, UP TO AND INCLUDING TREATMENT OF FINAL GRADE, DO NOT APPLY AT A LOWER DOSAGE AND/OR CONCENTRATION THAN SPECIFIED ON THIS LABEL.

Refer to Table II for rates of Altriset to use in pre-construction treatments.

Prior to each application, applicators must notify the general contractor, construction superintendent, or similar responsible party, of the intended termiticide application and intended sites of application and instruct the responsible person to notify construction workers and other individuals to leave the area to be treated during application and until the termiticide is absorbed into the soil.

4.1 HORIZONTAL TREATMENT ZONES

Establish a horizontal treatment zone beneath all slabs including but not limited to floor slabs, carports, porches, basement floor and entrance platforms, in accordance with Section 2.2, Techniques for Establishing a Horizontal Treatment Zone. If fill beneath slab is gravel or other coarse aggregate, apply at the rate of 1.5 gallons per 10 square feet. Application must be made before the vapor barrier is installed.

4.2 VERTICAL TREATMENT ZONES

Establish a continuous vertical treatment zone around all foundation elements including but not limited to foundation walls, pillars, pilasters and chimney bases. In addition, establish a vertical treatment zone around pipes, utility penetrations and similar penetrations in floor slabs. Vertical treatment zones must be established in accordance with Section 2.1, Techniques for Establishing a Vertical Treatment Zone.

4.3 FINAL GRADE TREATMENT

For installation of the exterior perimeter vertical treatment zone (final grade treatment) after completion of the structure, use Altriset in accordance with Section 2.1, Techniques for Establishing a Vertical Treatment Zone.

5.0 USE OF ALTRISET WITH OTHER TERMITE CONTROL PRODUCTS

Altriset may be used in combination with other primary termite treatments, such as borate treatments or termite bait treatments. Refer to Table II for rates of Altriset to use when applied in combination with other primary termite treatments.

5.1 USE OF ALTRISET AS A POST-CONSTRUCTION TREATMENT IN COMBINATION WITH OTHER PRIMARY TERMITE TREATMENTS (USE WITH BAIT PRODUCTS)

When a termite bait product is used as the primary post-construction remedial treatment, Altriset can be used as a spot, partial or complete application to supplement the control provided by the primary treatment. For these situations, use Altriset at 0.05%-0.1% dilution as a supplemental treatment.

5.2 USE OF ALTRISET AS A PRE-CONSTRUCTION APPLICATION IN COMBINATION WITH OTHER PRIMARY TERMITE TREATMENTS (USE WITH WOOD TREATMENTS OR BAIT PRODUCTS)

When a borate-based (wood treatment) termite control product or a termite bait product is used as the primary pre-construction treatment for subterranean termites, and the primary treatment is applied according to label directions, and provided local regulations allow, Altriset may be applied as an exterior, perimeter pre-construction (wrap) treatment at the 0.05%-0.1% concentration (see Section 2). Altriset must be applied to provide a continuous treated zone along the exterior foundation of the structure. A complete and thorough horizontal pre-construction treatment with Altriset under the concrete slab is optional. Altriset may also be applied to critical areas of the interior of the structure. These areas include plumbing and utility entry sites, bath traps, shower drain penetrations, expansion joints, foundation cracks, and areas of known or suspected termite activity.

6.0 USE DIRECTIONS FOR APPLICATION TO NON-STRUCTURAL AREAS

For control of termite populations in posts, poles, trees, landscape elements and outdoor monitoring devices.

These treatments are not a substitute for structural treatment but are intended only to protect the article to which treatment is applied. If the structure is identified as infested, refer to the procedures described in other sections regarding treatment of infested structures.

For control of termites in non-structural areas, refer to Table II for rates of Altriset to use.

6.1 POSTS, POLES

Previously installed posts, poles, landscape ornamentation or signs may be treated with dilution of Altriset in accordance with the appropriate portion of Section 2.1. When sub-surface injecting/rodding, treat all sides to create a continuous treatment zone.

6.2 TREES (within 50 feet of structure)

Non-edible fruit- and nut-bearing trees infested with termites may be treated by drilling into tree cavities or termite galleries or termite carton nests. Detection of the location of the termite infestation should be done through visual inspection and if appropriate the use of detection tools. Treatment may be done by injecting dilution of Altriset into the infested tree cavity or termite gallery or termite carton nest in the tree using a pointed injection tool. Refer to Section 2 for aid in thorough delivery of termiticide. Multiple injection points to varying depths may be required. In addition, if termite infestation is suspected to extend into soil around or beneath the tree, the soil area in the perimeter of the tree or at base of tree may be surface treated, drenched, or rod treated. Multiple injection points may be required. Where possible, use foam application techniques to improve coverage inside tree cavities infested with termites (see Section 2.5 for foaming instructions).

6.3 STUMPS, LOGS

If cellulose material such as infested stumps or felled tree material will not be removed from the surroundings of a structure, treatment with finished dilution of Altriset may be applied to control an infestation. The surface of the soil under the felled tree material may be treated by using finished dilution of Altriset at the rate of 1 gallon per 10 square feet.

In case of stumps, the surrounding soil may be treated by trenching and rodding into the trench at the rate of 4 gallons finished dilution of Altriset per 10 linear feet.

7.0 USE DIRECTIONS FOR CONTROL OF DRY-WOOD TERMITES

7.1 USE INFORMATION

For the control of localized infestations of drywood termites, including species of *Incisitermes, Cryptotermes* and *Marginitermes*, use a 0.05%-0.1% finished dilution of Altriset. To control drywood termites in localized areas of infested wood in structures, apply finished dilution of Altriset as described below and in Section 2.4.2 (wood injection).

Locate galleries by using visual signs (e.g., fresh local pellets or blistered wood), the presence of live termites, or with the use of detection devices. For foam mixing instructions, refer to Table III in Section 2.5 (Foaming Instructions).

7.1.1 Wood Injection Method

Drill small diameter holes for the injection tip to intersect galleries with infested wood. Drywood termite emergence holes, or "pellet kick-out holes", connect directly to galleries and are indicators of potential sites to drill and inject Altriset. Apply up to 50 ml (1.7 fl oz) of finished Altriset at each injection hole. Holes must be plugged with an appropriate inert material after treatment.

7.1.2 Retreatment for Drywood Termites

Reapply if drywood termite activity within treatment areas is detected following treatment. For best results, inject Altriset into new injection holes drilled between previous injection sites.

STORAGE AND DISPOSAL

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

Pesticide Storage

Do not subject to temperatures below 32 degrees F. Store product in original container only in a location inaccessible to children and pets. Do not contaminate water, other pesticides, fertilizer, food or feed in storage.

Pesticide Disposal

Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional office for guidance.

Container Handling

Refer to the Net Contents section of this product's labeling for the applicable "Nonrefillable Container" or "Refillable Container" designation.

[Nonrefillable Rigid Plastic and Metal Containers; Capacity Equal to or Less Than 5 Gallons]

Nonrefillable container: Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. 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 flow begins to drip. Repeat this procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn unless allowed by state and local ordinances. For Metal Containers, offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

[Nonrefillable Rigid Plastic and Metal Containers; Capacity Greater Than 5 Gallons]

Nonrefillable container. Do no reuse or refill this container. Triple rinse container (or equivalent) 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. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn unless allowed by state and local ordinances. For Metal Containers, offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

STORAGE AND DISPOSAL *(continued)*

[Nonrefillable Rigid Plastic and Metal Containers e.g., Intermediate Bulk Containers (IBC); Size or Shape too Large to be Tipped, Rolled or Turned Upside Down]

Nonrefillable container: Do no reuse or refill this container. Clean container promptly after emptying the contents from this container into application equipment or mix tank and before a final disposal using the following pressure rising procedure. Insert a lance fitted with a suitable tank cleaning nozzle into the container and ensure that the water spray thoroughly covers the top, bottom and all side inside the container. The nozzle manufacturer generally provides instructions for the appropriate spray pressure spray duration and/or spray volume. If the manufacturer's instructions are not available, pressure rinse the container for at least 60 seconds using a minimum pressure of 30 PSI with a minimum rinse volume of 10% of the container volume. Drain, pour or pump rinsate into application equipment or rinsate collection system. Repeat this pressure rinsing procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. For Metal Containers, offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

[Refillable Containers]

Refillable container. Refilling container: Refill this container with Altriset containing chlorantraniliprole only. Do not reuse this container for any other purpose. Cleaning before refilling is the responsibility of the refiller. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, worn out threads and closure devices. If damage is found, do not use container, contact Syngenta at the number below for instructions. Check for leaks after refilling and before transporting. If leaks are found, do not reuse or transport container, contact Syngenta at the number below for instructions. Disposing of Container: Do not reuse this container for any other purpose other than refilling (see preceding). Cleaning the container before final disposal is the responsibility of the person disposing of the container. To clean the container before final disposal, use the following pressure rinsing procedure. Insert a lance fitted with a suitable tank cleaning nozzle into the container and ensure that the water spray thoroughly covers the top, bottom and all sides inside the container. The nozzle manufacturer generally provides instructions for the appropriate spray pressure, spray duration and/or spray volume. If the manufacturer's instructions are not available, pressure rinse the container for at least 60 seconds using a minimum pressure of 30 PSI with a minimum rinse volume of 10% of the container volume. Drain, pour or pump rinsate into application equipment or rinsate collection system. Repeat this pressure rinsing procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn unless allowed by state and local ordinances. For Metal Containers, offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

Do not transport if container is damaged or leaking. If the container is damaged, leaking or obsolete, or in the event of a major spill, fire or other emergency, contact Syngenta at 1-800-888-8372, day or night.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

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(e.g., current product information), call
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