



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

May 1, 2024

Charles Levey
NA Regulatory Lead
Environmental Science, U.S., LLC
5000 CentreGreen Way, Suite 400
Cary, NC 27513

Subject: Label Amendment – Adding sod farms, ornamentals, and natural areas, and other minor label revisions
Product Name: SPECTICLE 0.0142% Plus Turf Fertilizer
EPA Registration Number: 101563-136
Application Date: September 26, 2022
Case Number: 482390

Dear Charles Levey:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

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

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements 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 Agency 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.

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

If you have any questions, please contact Jamie Millard at (202) 566-2726 or by email at millard.jamie@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Emily Schmid", with a small "E.S.K." written below it.

Emily Schmid, Product Manager 25
Herbicide Branch
Registration Division (7505P)
Office of Pesticide Programs

Enclosure

SPECTICLE 0.0142% Plus Turf Fertilizer Herbicide

[ABN: SPECTICLE 0.0142% Plus Fertilizer; Turf Pride Fertilizer with 0.0142% Specticle Pre-Emergent Herbicide]

Preemergence Herbicide on Fertilizer for the Control of Grasses, Annual Sedges, and Broadleaf Weeds in Warm Season Turfgrass, Landscape Ornamentals, Conifers and Natural Areas

ACTIVE INGREDIENT:

Indaziflam..... 0.0142% (% by weight)

OTHER

INGREDIENTS..... 99.9858%

TOTAL 100.00%

EPA Reg. No. 101563-136

EPA Est.

[Fertilizer Analysis: X-X-X]

KEEP OUT OF REACH OF CHILDREN

CAUTION

For MEDICAL and TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-424-9300
For PRODUCT USE Information Call 1-800-331-2867

See [Back][Side] Panel for First Aid Instructions and [Leaflet][Booklet] for Complete Precautionary Statements and Directions for Use. (Note to reviewer: Location of additional precautionary statements, directions for use will vary between those listed, depending on container type/size.)

FIRST AID

If in eyes:	<ul style="list-style-type: none"> Hold eyes 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.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS

CAUTION

Avoid contact with eyes, skin, or clothing. Causes moderate eye irritation.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators, mixers, loaders, and other handlers must wear long-sleeved shirt and long pants, chemical resistant gloves made of any waterproof material such as nitrile or butyl gloves, and shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS STATEMENTS:

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.607(d-e)], the handler PPE requirements may be reduced or modified as specified in the WPS.

ACCEPTED

May 01, 2024

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 101563-136

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 body thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, aquatic invertebrates, and plants. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean watermark. Do not contaminate water when disposing of equipment rinsate or washwater. This product may enter water through runoff. Follow directions for use to avoid runoff. A level well maintained vegetative buffer strip between areas to which this product is applied and surface water features including ponds, streams, and springs will reduce the potential for getting into water from rainfall-runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours.

Surface Water Advisory: This pesticide 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 a high potential for reaching surface water via runoff for several months or more after application.

Ground Water Advisory: This pesticide 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.

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.**

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, chemical resistant gloves made of any waterproof material, and shoes plus socks.

NON AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard 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. Always wear protective clothing and use appropriate equipment during application and handling. Avoid contact with granules. Avoid breathing dust.

PRODUCT INFORMATION

SPECTICLE 0.0142% plus Turf Fertilizer Herbicide is a selective, preemergence alkylazine herbicide. **SPECTICLE 0.0142% plus Turf Fertilizer Herbicide** provides extended residual control of many annual grasses including crabgrass, goosegrass, and annual bluegrass, as well as annual sedges and some broadleaf weeds in warm season turfgrass, landscape ornamentals, conifers and natural areas.

Use **SPECTICLE 0.0142% plus Turf Fertilizer Herbicide** on established warm-season turf in areas including golf courses (roughs and fairways), sod farms, sport fields, residential and commercial lawns, parks, and cemeteries.

SPECTICLE 0.0142% plus Turf Fertilizer Herbicide controls weeds by reducing the emergence of seedlings through inhibition of cellulose biosynthesis (CB Inhibitor). Necrosis or yellowing may be observed if the herbicide is applied to herbaceous tissue such as leaves and green stems or at bud break of sensitive plants. **SPECTICLE 0.0142% plus Turf Fertilizer Herbicide** does not control plants emerging from tubers, rhizomes, bulbs, corms, existing rootstocks. **SPECTICLE 0.0142% plus Turf Fertilizer Herbicide** will not generally control weeds that have emerged.

SPECTICLE 0.0142% plus Turf Fertilizer Herbicide needs to be activated by rainfall or irrigation prior to weed germination for most effective preemergence control.

SPECTICLE 0.0142% plus Turf Fertilizer Herbicide is a highly active herbicide that provides effective weed control when applied to the soil around many labeled ornamentals. **SPECTICLE 0.0142% plus Turf Fertilizer Herbicide** may also be used over-the-top of labeled ornamentals with adequate precautions.

SPECTICLE 0.0142% plus Turf Fertilizer Herbicide may damage sensitive plants, if granules are allowed to remain in contact with foliage. Carefully apply **SPECTICLE 0.0142% plus Turf Fertilizer Herbicide** in strict accordance to the label.

SPECTICLE 0.0142% plus Turf Fertilizer Herbicide Conversion Table	
Rate lbs/Acre (lbs a.i./Acre)	Rate lbs/1000 sq ft
100 (0.014)	2.3
150 (0.021)	3.4
200 (0.028)	4.6
250 (0.036)	5.7
300 (0.043)	6.9
630 (0.089)	14.5

USE RESTRICTIONS

- Do not exceed 300 lbs per acre (6.9 lbs/1000 sq ft) (0.043 lbs indaziflam/A) in a single application.
- Do not exceed 630 lbs per acre (14.5 lbs/1000 sq ft) (0.089 lbs indaziflam/A) for all applications within a 12-month period.
- For ground application only.
- Do not contaminate water intended for irrigation and domestic use.
- [Not for sale, distribution, or use in Nassau county, or Suffolk county New York]

DEACTIVATING SPECTICLE 0.0142% plus Turf Fertilizer Herbicide

Activated charcoal has been shown to deactivate **SPECTICLE 0.0142% plus Turf Fertilizer Herbicide** if applied within several days of an application. Follow directions for the amount of charcoal to apply on the label of the activated charcoal.

APPLICATION INFORMATION

Apply **SPECTICLE 0.0142% plus Turf Fertilizer Herbicide** with clean, properly calibrated drop, rotary, or hand shaker or other spreader equipment according to the manufacturer's directions. Check periodically to be certain that the equipment is working properly prior to each use. Uniform application is essential for satisfactory weed control. Avoid skips for the best weed control and avoid overlapping application patterns to avoid plant injury. For over-the-top applications, remove granules from leaf surfaces with a blower or irrigation.

SOIL MOISTURE, IRRIGATION, AND RAINFALL AFTER APPLICATION

To activate **SPECTICLE 0.0142% plus Turf Fertilizer Herbicide** irrigate lightly after application to move the herbicide into the soil. Rainfall within several days after application will negate the need to irrigate. Avoid application to saturated soil. Postpone application if rainfall that may cause visible run-off is anticipated.

EQUIPMENT CLEANUP PROCEDURE

Equipment used to apply **SPECTICLE 0.0142% plus Turf Fertilizer Herbicide** must be cleaned prior to use on sensitive turf and ornamental, or injury may result. Before and after using **SPECTICLE 0.0142% plus Turf Fertilizer Herbicide**, clean all equipment on an approved rinse pad. Wear proper PPE while cleaning equipment.

RESISTANCE MANAGEMENT

Indaziflam, the active ingredient in **SPECTICLE 0.0142% plus Turf Fertilizer Herbicide**, is a Group 29 herbicide (Cellulose Biosynthesis Inhibitor) based on the mechanism-of-action classification system of the Weed Science Society of America. No known resistance to **SPECTICLE 0.0142% plus Turf Fertilizer Herbicide** exists, however, continual use of any herbicide with the same mechanism-of-action may lead to selection of resistant weed populations and reduction in efficacy. To manage the development and spread of resistant weed populations, rotate herbicides with different mechanisms of action. Use in conjunction with sound cultural practices which minimize weed pressure and maximize weed control. **SPECTICLE 0.0142% plus Turf Fertilizer Herbicide** has been shown to help manage weeds that have developed resistance to other herbicides including: glycines (glyphosate), triazines, ALS-inhibitors, and dinitroaniline (DNA) herbicides. The decision to use any particular herbicide should be based on an IPM program and all cultural practices and other pesticides in use. Contact an Environmental Science U.S., LLC representative for the latest information on resistance management guidelines for this product.

DIRECTIONS FOR USE OF SPECTICLE 0.0142% PLUS TURF FERTILIZER HERBICIDE ON TURF

USE RESTRICTIONS FOR SPECTICLE 0.0142% plus Turf Fertilizer Herbicide.

- Do not apply to newly seeded turf.
- Do not apply to golf course greens, tees, or collars.
- Do not apply to slopes immediately above golf course greens.
- Do not apply to saturated soils.
- Do not apply to weakened turf that requires significant fill-in recovery.

USE OF SPECTICLE 0.0142% plus Turf Fertilizer Herbicide IN COARSE AND SANDY SOILS

Soil conditions can affect the tolerance of turf to **SPECTICLE 0.0142% plus Turf Fertilizer Herbicide**. Coarse or sandy soils may allow for downward movement of **SPECTICLE 0.0142% plus Turf Fertilizer Herbicide** into the root zone and cause significant root damage and phytotoxicity. Coarse soils, for example, may include significant quantities of sand, gravel, decomposed granite, and ground cinders. Prior to application of **SPECTICLE 0.0142% plus Turf Fertilizer Herbicide** in these soils, confirm soil texture with a soil test. Turf grown in soil exceeding 80% sand or 20% gravel may be at risk. Low rate split applications of **SPECTICLE 0.0142% plus Turf Fertilizer Herbicide** may reduce the risk on these soils. Refer to use rates for 'Split Application Program of **SPECTICLE 0.0142% plus Turf Fertilizer Herbicide**' section of this label.

If **SPECTICLE 0.0142% plus Turf Fertilizer Herbicide** is to be applied in these soils, evaluate turf tolerance in treated soils prior to large scale application.

USE OF SPECTICLE 0.0142% PLUS TURF FERTILIZER HERBICIDE ON WEAKENED OR STRESSED TURF

SPECTICLE 0.0142% plus Turf Fertilizer Herbicide controls weeds by inhibiting root development. Newly developing roots of desirable turf may be affected. Turf under stresses such as include winterkill, spring dead spot, transitioning ryegrass, Bermudagrass spring root decline, soil compaction, foliar and root diseases, nematodes, salt accumulation, shade, excessive foot or equipment traffic, newly verticut turf, and drought should be carefully evaluated before treatment. Application of **SPECTICLE 0.0142% plus Turf Fertilizer Herbicide** to turf in these situations may delay turf recovery.

SPECTICLE 0.0142% plus Turf Fertilizer Herbicide may also be used on dormant turf. The user must assess the condition of turf prior to dormancy. If turf is showing stress prior to dormancy, application of **SPECTICLE 0.0142% plus Turf Fertilizer Herbicide** may delay green-up and turf recovery.

Application of **SPECTICLE 0.0142% plus Turf Fertilizer Herbicide** to stressed turf may produce symptoms of injury including yellowing, purple discoloration, thinning, and necrosis. If injury occurs, promote recovery through optimizing fertility and other cultural practices.

TURF Tolerance

Turf tolerance to **SPECTICLE 0.0142% plus Turf Fertilizer Herbicide** is acceptable on all labelled turf types and cultivars. Due to the large number of types and cultivars, it is impossible to test every one for tolerance to **SPECTICLE 0.0142% plus Turf Fertilizer Herbicide**. Neither the Manufacturer nor the Seller has determined whether or not **SPECTICLE 0.0142% plus Turf Fertilizer Herbicide** can be used safely on turf types and cultivars not specified on this label. Before using on turf cultivars that are not listed on this label, the applicator must confirm tolerance by testing labelled rates on a small area prior to widespread use.

Tolerant Turfgrasses

- **Bermudagrass***† (*Cynodon dactylon*) (and hybrids)-*Baby, Celebration, Common, Floratex, Tifsport, Tifton 10, Tifway 419, Princess, Vamont, Riviera, Yukon*
- **Zoysiagrass** (*Zoysia spp*)-*Cavalier, Crowne, DeAnza, El Toro, Empire, GNZ, Jamar, Meyer, Palisades, Zenith, Zeon*
- **Centipedegrass*** (*Eremochloa ophiuroides*)-*Common, Tifblair*
- **St. Augustinegrass*** (*Stenotaphrum secundatum*)-*Captiva, Floratam, Floratine, Palmetto, Raleigh*
- **Buffalograss** (*Buchloe dactyloides*)
- **Bahiagrass** (*Paspalum notatum*)
- **Seashore paspalum** (*Paspalum vaginatum*)

*Application of **SPECTICLE 0.0142% plus Turf Fertilizer Herbicide** may temporarily inhibit the rooting of stolons.

†Common or off-type Bermudagrass may show increased sensitivity to **SPECTICLE 0.0142% plus Turf Fertilizer Herbicide** compared to hybrids.

SPECTICLE 0.0142% plus Turf Fertilizer Herbicide may cause unacceptable injury to some turfgrasses. **Do not use** on the following turfgrasses or mixtures containing any of these grasses, unless thinning or removal is desired. For use on grasses in natural areas, see Natural Areas section on this label.

- **Colonial bentgrass** (*Agrostis capillaris*)
- **Creeping bentgrass** (*Agrostis palustris*)
- **Annual bluegrass** (*Poa annua*)
- **Roughstalk bluegrass** (*Poa trivialis*)
- **Fine fescue** (*Festuca rubra*)
- **Turf type tall fescue** (*Festuca arundinaceae*)
- **Kikuyugrass** (*Pennisetum clandestinum*)
- **Annual ryegrass** (*Lolium multiflorum*)
- **Perennial ryegrass** (*Lolium perenne*)
- **Bermudagrass** (*Cynodon dactylon*) Common variety "Ormond"
- **Kentucky bluegrass** (*Poa pratensis*)

Maximum Single Application Rates for SPECTICLE 0.0142% plus Turf Fertilizer Herbicide on Warm Season Grasses

Turf Type	SPECTICLE 0.0142% plus Turf Rate lbs/acre (lbs a.i./acre)	SPECTICLE 0.0142% plus Turf Rate lbs/1000 sq feet
Bermudagrass	300 (0.043)	6.9
Zoysiagrass		
Buffalograss		
Bahiagrass		
St. Augustinegrass	200 (0.028)	4.6
Centipedegrass		
Seashore Paspalum		

PRECAUTIONS FOR USE OF SPECTICLE 0.0142% plus Turf Fertilizer Herbicide NEAR SENSITIVE GRASSES

SPECTICLE 0.0142% plus Turf Fertilizer Herbicide applied uphill to sensitive grasses (such as overseeded ryegrass, roughstalk bluegrass (*Poa trivialis*), and bentgrass) can move and cause injury and stand reduction to adjacent sensitive grasses. Allow turf to dry before allowing foot traffic or equipment through treated areas near sensitive grasses. For Lawn Care applications, **SPECTICLE**

0.0142% plus Turf Fertilizer Herbicide may be applied where labeled warm season grasses are adjacent to sensitive grasses such as tall fescue, Kentucky bluegrass, and perennial ryegrass. The applicator, however, must take care not to apply **SPECTICLE 0.0142% plus Turf Fertilizer Herbicide** directly to sensitive grasses.

If **SPECTICLE 0.0142% plus Turf Fertilizer Herbicide** makes contact with sensitive grasses, refer to the "DEACTIVATING **SPECTICLE 0.0142% plus Turf Fertilizer Herbicide** " section of this label.

Use Rates, Timings, and Maximum Seasonal Rate for SPECTICLE 0.0142% plus Turf Fertilizer Herbicide on Turf

Apply **SPECTICLE 0.0142% PLUS TURF FERTILIZER HERBICIDE** in a single or split application program. The maximum single application is 300 lbs per acre (0.043 lbs a.i./A; 6.9 lbs/1000 sq ft). The total amount of **SPECTICLE 0.0142% PLUS TURF FERTILIZER HERBICIDE** applied in a 12-month period must not exceed 630 lbs per acre (0.089 lbs a.i./A; 14.5 lbs/1000 sq ft).

SINGLE APPLICATION PROGRAM

Target Weed	SPECTICLE 0.0142% plus Turf Fertilizer Herbicide Rate Range lbs/acre (lbs a.i./acre)	SPECTICLE 0.0142% plus Turf Fertilizer Herbicide Rate Range lbs/1000 sq ft
Crabgrass	200-300 (0.028-0.043)	4.6-6.9
Goosegrass		
Annual Bluegrass		
Broadleaf weeds		
Annual sedge and kyllinga		

SPLIT APPLICATION PROGRAMS

Split applications of **SPECTICLE 0.0142% PLUS TURF FERTILIZER HERBICIDE** can be made in a use season to extend the length of control of specific weeds, to control weeds germinating over an extended period, and to control other weeds emerging during the same or overlapping period.

Use rate for Two Split Applications of SPECTICLE 0.0142% PLUS TURF FERTILIZER HERBICIDE

Target Weed	Rate Range for SPECTICLE 0.0142% PLUS TURF FERTILIZER HERBICIDE (initial application)		Rate Range for SPECTICLE 0.0142% PLUS TURF FERTILIZER HERBICIDE (follow-up application within 45-90 days)	
	lbs/acre (lbs a.i./acre)	lbs/1000 sq ft	lbs/acre	lbs/1000 sq ft
Crabgrass	150-300 (0.021 - 0.043)	3.4-6.9	100-300 (0.014 - 0.043)	2.3-6.9
Goosegrass				
Annual Bluegrass	100-300 (0.014 - 0.043)	2.3-6.9		
Broadleaf weeds	200-300 (0.028 - 0.043)	4.6-6.9	200-300 (0.028 - 0.043)	4.6-6.9
Annual sedge and kyllinga	200-300 (0.028 - 0.043)	4.6-6.9		

Use Rates for Three Split Applications of SPECTICLE 0.0142% PLUS TURF FERTILIZER HERBICIDE

Target Weed		Rate Range for SPECTICLE 0.0142% PLUS TURF FERTILIZER HERBICIDE (initial application)	Rate Range for SPECTICLE 0.0142% PLUS TURF FERTILIZER HERBICIDE (follow-up application within 30- 45 days)	Rate Range for SPECTICLE 0.0142% PLUS TURF FERTILIZER HERBICIDE (follow-up application within 30- 45 days)
Crabgrass Goosegrass Annual Bluegrass	lbs/acre (lbs a.i./acre)	100-150 (0.014 - 0.021)	100-150 (0.014 - 0.021)	100-150 (0.014 - 0.021)
	lbs/1000 sq ft			
		2.3-3.4	2.3-3.4	2.3-3.4

CRABGRASS AND GOOSEGRASS CONTROL

SPECTICLE 0.0142% PLUS TURF FERTILIZER HERBICIDE provides pre-emergent control of crabgrass and goosegrass emerging from seed. For preemergence activity, **SPECTICLE 0.0142% PLUS TURF FERTILIZER HERBICIDE** does not control established crabgrass, perennial (continual growth) goosegrass or plants emerging from existing crowns. If goosegrass or crabgrass is evident at time of application, use a labeled post emergence herbicide for control of existing plants.

ANNUAL BLUEGRASS CONTROL

Make preemergence applications of **SPECTICLE 0.0142% PLUS TURF FERTILIZER HERBICIDE** between August and November depending on the annual bluegrass germination in each geographical area. The optimum timing is dependent on peak annual bluegrass germination and local conditions in a particular year.

BROADLEAF WEED CONTROL

SPECTICLE 0.0142% PLUS TURF FERTILIZER HERBICIDE provides preemergence control of many broadleaf weeds. Control is affected by the size of the seed, and the depth of the seed within the soil profile. Large seeded broadleaf weeds or weeds germinating deeper than several inches in the soil profile may not be effectively controlled by **SPECTICLE 0.0142% PLUS TURF FERTILIZER HERBICIDE**.

ANNUAL SEDGES AND KYLLINGA CONTROL

SPECTICLE 0.0142% PLUS TURF FERTILIZER HERBICIDE provides preemergence control of sedges and kyllinga emerging from seed. **SPECTICLE 0.0142% PLUS TURF FERTILIZER HERBICIDE** does not control established perennial sedges and kyllinga, or sedges emerging from tubers (nutlets) including yellow and purple nutsedge.

Weeds Controlled or Suppressed by SPECTICLE 0.0142% plus Turf Fertilizer Herbicide¹	
Broadleaf Weeds	
American black nightshade	<i>Solanum americanum</i>
American burnweed	<i>Erechtites hieracifolia</i>
Beggarticks	<i>Bidens alba</i>
Bittercress	<i>Cardamine sp.</i>
Black medic ²	<i>Medicago lupulina</i>
Buckwheat, wild	<i>Polygonum convolvulus</i>
California burclover	<i>Medicago polymorpha</i>
Canada thistle, common	<i>Cirsium arvense</i>
Chamberbitter	<i>Phyllanthus urinaria</i>
Chickweed, Common	<i>Stellaria media</i>
Chickweed, Mouse-ear	<i>Cerastium vulgatum</i>
Clover, White	<i>Trifolium repens</i>
Corn speedwell	<i>Veronica arvensis</i>
Cudweed, Linear-leaf/purple	<i>Gnaphalium purpureum</i>
Cupid's shaving brush	<i>Emilia fosbergii</i>
Curly dock	<i>Rumex crispus</i>
Dandelion, Cat's ear	<i>Hypochoeris radicata</i>
Dandelion, Common	<i>Taraxacum officinale</i>
Dogfennel	<i>Eupatorium capillifolium</i>
Eclipta	<i>Eclipta alba</i>
Evening primrose, Common	<i>Oenothera biennis</i>
Evening primrose, Cutleaf	<i>Oenothera laciniata</i>
False chamomile ²	<i>Matricaria maritima</i>
Filaree, Redstem	<i>Erodium cicutarium</i>
Florida pusley	<i>Richardia scabra</i>
Galinsoga	<i>Galinsoga parviflora</i>
Garden spurge	<i>Chamaesyce hirta</i>
Groundsel, common	<i>Senecio vulgaris</i>
Hairy fleabane	<i>Erigeron bonariensis</i>
Hairy nightshade	<i>Solanum sarrachoides</i>
Henbit	<i>Lamium amplexicaule</i>
Kochia	<i>Kochia scoparia</i>
Lambsquarters, common	<i>Chenopodium album</i>
Lawn burweed	<i>Soliva sessilis</i>
Little mallow	<i>Malva parviflora</i>
London rocket ²	<i>Sisymbrium irio</i>
Longstalked phyllanthus	<i>Phyllanthus tenellus</i>
Marestail	<i>Conyza canadensis</i>
Mustard, Black ²	<i>Brassica nigra</i>
Mustard, Wild	<i>Sinapis arvensis</i>
Parthenium	<i>Parthenium hysterophorus</i>
Pigweed, Prostrate	<i>Amaranthus blitoides</i>
Pigweed, Redroot	<i>Amaranthus retroflexus</i>
Pink purslane	<i>Claytonia sibirica</i>

Plantain, Buckhorn	<i>Plantago lanceolata</i>
Plantain, Paleseed	<i>Plantago virginica</i>
Poinsettia, Wild	<i>Euphorbia heterophylla</i>
Prostrate knotweed	<i>Polygonum aviculare</i>
Prostrate spurge	<i>Euphorbia maculata</i>
Puncturevine	<i>Tribulus terrestris</i>
Purslane, common	<i>Portulaca oleracea</i>
Ragweed, Common ²	<i>Ambrosia artemisiifolia</i>
Spurge, Spotted	<i>Euphorbia maculata</i>
Tassel flower	<i>Emilia sonchifolia</i>
Redmaids	<i>Calandrinia caulescens</i>
Sesbania, Hemp ²	<i>Sesbania exaltata</i>
Shepherd's-purse	<i>Capsella bursa-pastoris</i>
Sida, Prickly/Teaweed ²	<i>Sida spinosa</i>
Southern brassbuttons ²	<i>Cotula australis</i>
Sowthistle, Annual	<i>Sonchus olerachus</i>
Stinkwort	<i>Dittrichia graveolens</i>
Sunflower ² , Common	<i>Helianthus annuus</i>
Swinecress	<i>Coronopus didymus</i>
Tropic ageratum	<i>Ageratum conyzoides</i>
Velvetleaf ²	<i>Abutilon theophrasti</i>
Vetch, Purple ²	<i>Vicia benghalensis</i>
Wild carrot ²	<i>Daucus carota</i>
Willowherb	<i>Epilobium brachycarpum</i>
Woodsorrel, Yellow ²	<i>Oxalis stricta</i>
GRASSES, MONOCOTS and SEDGES	
Annual bluegrass	<i>Poa annua</i>
Annual kylinga ³	<i>Cyperus sesquiflorus</i>
Barnyardgrass, Common	<i>Echinochloa crus-galli</i>
Cheatgrass	<i>Bromus secalinus</i>
Crabgrass, Blanket	<i>Digitaria serotina</i>
Crabgrass, Henry	<i>Digitaria ciliaris</i>
Crabgrass, Large/Hairy	<i>Digitaria sanguinalis</i>
Crabgrass, Smooth	<i>Digitaria ischaemum</i>
Doveweed	<i>Murdannia nudiflora</i>
Fall panicum	<i>Panicum dichotomiflorum</i>
Foxtail brome	<i>Bromus rubens</i>
Foxtail, Giant	<i>Setaria faberi</i>
Foxtail, Green	<i>Setaria viridis</i>
Foxtail, Yellow	<i>Pennisetum glaucum</i>
Goosegrass	<i>Eleusine indica</i>
Guineagrass	<i>Panicum maximum</i>
Kylinga, Fragrant/Annual ³	<i>Kyllinga odorata</i>
Little barley	<i>Hordeum pusillum</i>
Mouse barley	<i>Hordeum murinum</i>
Red brome	<i>Bromus rubens</i>
Rice flatsedge ³	<i>Cyperus iria</i>

Ryegrass, Italian	<i>Lolium multiflorum</i>
Ryegrass, Perennial	<i>Lolium perenne</i>
Sandbur	<i>Cenchrus longispinus</i>
Sedge, Annual ³	<i>Cyperus spp.</i>
Sedge, Globe ³	<i>Cyperus croceus</i>
Tufted lovegrass	<i>Eragrostis pectinacea</i>

¹Use higher labeled rates if weed pressure is historically high or longer residual control is desired. The rate chosen must not exceed the tolerance for an individual turf type. Weed control can also be achieved with split applications of **SPECTICLE 0.0142% PLUS TURF FERTILIZER HERBICIDE**. Do not exceed a total of 450 lbs of product per acre per year (10.4 lbs/1000 sq ft/year) with split applications.

²Weeds suppressed by **SPECTICLE 0.0142% PLUS TURF FERTILIZER HERBICIDE**

³**SPECTICLE 0.0142% PLUS TURF FERTILIZER HERBICIDE** only controls sedges and kyllinga emerging from seed. It does not control perennial sedge emerging from nutlets or perennial forms of kyllinga.

SEEDING, OVERSEEDING, RE-SEEDING, SPRIGGING, AND SODDING

SPECTICLE 0.0142% PLUS TURF FERTILIZER HERBICIDE can inhibit root development, as well as the emergence of seed. Roots of newly emerged seedlings may be damaged. Establishment of sod may be affected if **SPECTICLE 0.0142% PLUS TURF FERTILIZER HERBICIDE** is applied to turf that is not well established. Timing of seeding, re-seeding, overseeding, sprigging, and sodding turf relative to an application of **SPECTICLE 0.0142% PLUS TURF FERTILIZER HERBICIDE** needs to be considered. Seeding, overseeding, re-seeding, sprigging, and sodding intervals are affected by the rate of **SPECTICLE 0.0142% PLUS TURF FERTILIZER HERBICIDE** applied, rainfall, and soil texture in a given year. Applications made sooner than the suggested intervals may decrease the establishment of the new seedlings and reduce turf coverage.

PLANTING METHOD	MINIMUM INTERVAL BEFORE APPLICATION	MINIMUM INTERVAL AFTER APPLICATION	MINIMUM INTERVAL AFTER APPLICATION
		200 - 250 lbs/acre (0.028-0.036 lbs ai/acre)	250-300 lbs/acre (0.036-0.043 lbs ai/acre)
Seeding	12 months	10 months	12 months
Sprigging	12 months	10 months	12 months
Sodding	4 months	6 months	8 months

APPLICATIONS ON SOD FARMS

May be applied to turf on Bermudagrass, zoysiagrass, and bahiagrass sod farms. During new sod establishment, may be applied when coverage from ribbons is 80% or greater.

Do not apply to centipedegrass, seashore paspalum, or St. Augustinegrass sod.

May be applied to sod up to 4 months prior to harvest.

ORNAMENTALS

May be applied for preemergence weed control in landscape ornamentals, hedgerows, production ornamentals in outdoor nurseries, shadehouses, hoopouses, Christmas trees, and conifer plantations. Apply, prior to weed seed germination to dormant or actively growing ornamentals as listed in the table below. Apply to established ornamentals. Application to budded grafts or graft unions may cause plant injury or plant death.

USE RESTRICTIONS FOR ON ORNAMENTALS

- Do not exceed the maximum single application rates specified for each ornamental use.
- Do not allow granules applied "over-the-top" to remain in contact with foliage. May cause localized injury to foliage, especially young leaf tissue. For over-the-top applications, remove granules from leaf surfaces with a blower or irrigation.
- Do not use on ornamentals where granules may become trapped in developing leaves or in meristematic areas (e.g. whorls of grasses and perennials such as hosta).
- Do not use on or around annuals not listed as tolerant on this label.
- Do not use in landscape beds within 12 months prior to seeding or 3 months prior to planting.
- Do not use around bearing fruit and nut trees. may be used around non-bearing fruit and nut trees. Non-bearing trees are defined as trees that will not bear fruit until at least 1 year after treatment.
- Do not use around non-bearing fruit trees unless they are at least 1 year old.
- Do not use within the dripline of bearing fruit and nut trees.
- Do not incorporate into the soil or potting mix.

- Do not cultivate or disturb the soil surface after application of as this may reduce weed control.
- If transplanting mature plants listed as tolerant on this label into soil treated with within the preceding 12 months, replace existing soil around roots to minimize effects on plant establishment.
- Do not use on ornamentals being grown in a greenhouse.
- Do not use on nursery seedbeds, rooted cuttings, or young plants in liners.
- Do not apply to plants growing in containers less than 6 inches wide.
- Do not apply to plants less than 5 inches in height.
- Do not apply to drainage ditches.
- Do not apply to ornamental bulbs in production fields, landscapes, commercial fields, or residential sites after they have emerged.

USE ON ORNAMENTALS IN COARSE AND SANDY SOILS

Soil conditions can affect the tolerance of ornamentals. Excessively coarse or sandy soils may allow for downward movement of into the root zone and cause significant root damage and phytotoxicity. Coarse soils may include significant quantities of sand, gravel, decomposed granite, and ground cinders. Prior to application on these soils, confirm soil texture with a soil test. Ornamentals grown in soil exceeding 90% sand or 20% gravel may be at risk. If applied in these soils, evaluate tolerance of a few plants of each ornamental treated soil for 1-2 months prior to a large scale application.

SYMPTOMS OF INJURY ON ORNAMENTALS

This product may injure sensitive ornamentals by damaging roots or leaves. Plants damaged by root absorption will appear stunted, deformed, and may not recover. If granules are allowed to remain in contact with treated plants, leaf symptoms may appear as lesions, discoloration, or curling. Symptoms may appear within 2-4 weeks after application. Newly formed leaves may be undamaged. It is essential that the user assess the severity of any symptoms on cultivars not listed on this label, before proceeding with large-scale applications.

LANDSCAPE ORNAMENTAL USES

This product may be used in residential, commercial, as well as federal, state, and local plantings of ornamentals and hedgerows for preemergenceweed control. Apply only to established (rooted) plants and not to newly rooted cuttings/or seedlings. To avoid root damage, apply around transplants when the soil has firmly settled around the root area. Irrigation or rainfall will help to settle the soil and seal surface cracks. Make applications prior to mulching for best weed control. If product contacts foliage, brush or wash off to avoid damage. Care must be taken not to get granules on sensitive turf next to landscape beds to avoid possible turf injury. Herbaceous annuals and perennials are sensitive.

Use near Sensitive Grasses

CAUTION: Applied uphill to sensitive grasses can move, under certain circumstances, to sensitive grasses and cause injury and stand reduction.

Do not apply to landscape beds uphill from ryegrass or mixed lawns where ryegrass is desirable.

AMOUNT TO USE: Apply at 197 - 316 lbs of product per acre (4.6 – 7.3 lbs/1000 sq ft) around ornamentals.

A subsequent application of can be made within 90 days after the initial application to extend weed control provided that the total applied does not exceed 630 lbs per acre (14.5 lbs/1000 sq ft) in a 12-month period.

Application of to heavily mulched landscape beds may result in reduced weed control. This product may be applied to lightly mulched area after the mulch has settled.

ORNAMENTALS AND THEIR CULTIVARS TOLERANT TO

Tolerant ornamentals and their cultivars are listed in the following table. If a desired plant to be treated is not listed on this label, treat several plants at the maximum use rate and evaluate 1-2 months later for acceptable tolerance. The user assumes responsibility for application to plants not listed in this table. Do not treat annuals not listed on this label.

Common Name	Scientific Name	Cultivar
Abelia	<i>Abelia grandiflora</i>	Little Richard, Edward Gaucher
Arborvitae	<i>Thuja occidentalis</i>	Emerald, Green Giant, Green Flag, Nigra, Techny, Yellow Ribbon
Asparagus fern	<i>Asparagus plumosus</i>	
Aster, Heath	<i>Aster erichoides</i>	Snow Flurry
Aucuba, Japanese/Gold Dust Plant	<i>Aucuba japonica</i>	Variegata
Azalea	<i>Rhododendron spp.</i>	Delaware Valley White, Fashion, Florida Flame, Formosa, Girard's Rose, Golden Torch, Haps Pink, High Tide, Judge Solomon, Karen, Nova Zembla, Mother's Day, Pink Gumpo, Red Ruffle, VF 14, White Gumpo, Girard's
Azalea, Cat Album	<i>Rhododendron catawbiense</i>	Chionoides
Azalea, Encore	<i>Rhododendron spp.</i>	Autumn Debutante
Azalea, Formosa	<i>Rhododendron indicum</i>	Satsuki
Azalea, Kurme	<i>Rhododendron obtusum</i>	Hino Crimson
Azalea, Macrantha	<i>Rhododendron macrantha</i>	
Barberry	<i>Berberis thunbergii f. atropurpurea</i>	Crimson Pygmy, Rosy Glow
Bayberry, Northern	<i>Myrica (Morella) pennsylvanica</i>	
Beautybush	<i>Linnaea (Kolwitzia) amabilis</i>	
Big bluestem	<i>Andropogon gerardii</i>	
Black Hawthorn	<i>Crataegus douglasii</i>	
Blackberry, European	<i>Rubus fruticosus</i>	Legacy, Ouachita
Bleeding heart vine	<i>Clerodendrum thomsoniae</i>	Bleeding Heart
Blueberry, Highbush	<i>Vaccinium corymbosum</i>	Legacy
Bluebird	<i>Caryopteris x clandonensis</i>	Dark Knight
Bluestem, Big	<i>Andropogon gerardii</i>	
Bluestem, Little	<i>Andropogon scoparius</i>	
Bottlebrush, Crimson	<i>Callistemon citrinus</i>	
Bougainvillea	<i>Bougainvillea spp.</i>	Barbara Karst Double Red
Boxwood	<i>Buxus microphylla</i>	Baby Gem, Chicagoland Green, Dwarf, Green Beauty
Boxwood, Common/English	<i>Buxus sempervirens</i>	Green Gem, Green Mountain, Suffructicosa, Winter Gem
Boxwood, Japanese	<i>Buxus microphylla var. japonica</i>	Dwarf, Chicagoland
Buckeye, Ohio	<i>Aesculus glabra</i>	
Butterfly bush	<i>Buddleia</i>	Nanho Blue
Buttonwood, Silver/Green	<i>Conocarpus erectus</i>	
Camellia, Japanese	<i>Camellia japonica</i>	Margaret Heathcliff Pink
Camellia, Little leaf	<i>Camellia sasanqua</i>	Cleopatra Pink, Shi Shi Gashira
Cedar, Atlantic white	<i>Chamaecyparis thyoides</i>	
Cedar, Japanese	<i>Cryptomeria japonica</i>	Black Dragon, Burkii, Globosa Nana, Yoshino
Chaste Tree	<i>Vitex agnus-castus</i>	Abbeville Blue
Cleyera, Japanese	<i>Ternstroemia gymnanthera</i>	Sotall
Clusia, Dwarf	<i>Clusia guttifera</i>	Nana
Cocoplum	<i>Chrysobalanus icaco</i>	
Coral bells (Heuchera)	<i>Heuchera sanguinea</i>	Ruby Bells, Silver Scrolls
Cotoneaster	<i>Cotoneaster</i>	Coral Beauty
Crape myrtle	<i>Lagerstroemia indica</i>	Burgundy Cotton, Pocomoke Pink, Sarah's Favorite, Siren Red
Crape myrtle	<i>Lagerstroemia indica x fauriei</i>	Miami, Muskogee, Natchez, Tuscarora
Crown of thorns	<i>Euphorbia milli</i>	
Cryptomeria	<i>Cryptomeria japonica</i>	Black Dragon, Yoshino
Cypress, Bald	<i>Taxodium distichum</i>	Shawnee Brave
Cypress, False	<i>Chamaecyparis spp.</i>	Gold Mops, Gold Thread
Cypress, Japanese (Hinoki)	<i>Chamaecyparis obtusa</i>	Globose Nana

Cypress)		
Cypress, Pond	<i>Taxodium distichum</i> var. <i>imbricatum</i>	
Cypress, Leyland	<i>Cupressus x leylandii</i>	
Cypress, Mediterranean	<i>Cupressus sempervirens</i>	Glaucia
Daphne	<i>Daphne caucasica</i>	Summer Ice
Daylily (before emergence)	<i>Hemerocallis</i> spp.	Green Flutter, Happy Returns, Stella d'Oro
Deutzia	<i>Deutzia gracilis</i>	Nikko
Eastern ninebark	<i>Physocarpus opulifolius</i>	Coppertina, Darts Gold
Euonymus, Spreading	<i>Euonymus kiautschovicus</i>	Manhattan
Euonymus, Variegated boxleaf (Japanese spindle)	<i>Euonymus japonicus</i>	Cholippo, Silver Queen, Variegatum
False holly	<i>Osmanthus heterophyllus</i>	Goshiki
Feather reed grass	<i>Calamagrostis x acutiflora</i>	Overdam, Karl Foerster
Firebush, Dwarf	<i>Hamelia patens</i>	Compacta
Firethorn (Pyracantha)	<i>Pyracantha coccinea</i>	Red Cushion
Florida Leucothe (Pipestem)	<i>Leucothoe populifolia</i>	
Forsythia (Golden bells)	<i>Forsythia x intermedia</i>	Lynwood Gold
Gardenia	<i>Gardenia radicans</i>	Radicans
Gardenia	<i>Gardenia jasminoides</i>	Frostproof, Mystery
Gaura	<i>Gaura lindheimeri</i>	Pink Fountain
Globe amaranth	<i>Gomphrena globosa</i>	Gnome Pink
Gold-dust plant	<i>Aucuba japonica</i>	Gold Dust
Hardy kiwi	<i>Actinidia arguta</i>	Anna
Hawaiian snowbush	<i>Breynia disticha</i>	
Hawthorn, Black	<i>Crataegus douglasii</i>	
Heather	<i>Erica</i> spp.	
Hibiscus, Chinese	<i>Hibiscus rosa-sinensis</i>	President Red, San Diego Red
Hibiscus (Rose mallow)	<i>Hibiscus moscheutos</i>	Luna White
Hibiscus (Rose of sharon)	<i>Hibiscus syriacus</i>	Boule de Feu, Lohengrin, Pink Heart, Red
Holly	<i>Ilex latifolia</i>	Mary Nell
Holly, American	<i>Ilex opaca</i>	
Holly, Chinese	<i>Ilex cornuta</i>	Budfordii Nana, Carissa, Dwarf Burford, Needlepoint
Holly, Dragon lady	<i>Ilex x aquipernyi x pernyi</i>	Dragon Lady
Holly, Dwarf yaupon	<i>Ilex vomitoria</i>	Compacta, Schillings, Stoke's Dwarf, Yaupon
Holly, Inkberry/Gallberry	<i>Ilex glabra</i>	Compacta, Densa, Shamrock
Holly, Japanese	<i>Ilex crenata</i>	Compacta, Green Lustre, Sky Pencil, Soft Touch
Holly, Meservae	<i>Ilex meserveae</i>	Blue Maid, Blue Princess
Honeylocust	<i>Gleditsia triacanthos</i>	Skyline, Sunburst, Sunshine
Honeysuckle, European	<i>Lonicera periclymenum</i>	Harlequin
Honeysuckle, Japanese	<i>Lonicera japonica</i>	
Hosta (before emergence)	<i>Hosta</i> spp	Sum and Substance, Twilight
Iceplant	<i>Delosperma congestum</i>	White Nugget
Iceplant	<i>Delosperma nubigenum</i>	Basutoland
Iceplant, Hardy	<i>Delosperma cooperi</i>	Cooper's Hardy Iceplant, Purple Mountain
Inkberry	<i>Ilex glabra</i>	Densa
Indian hawthorn	<i>Raphiolepis indica</i>	Dwarf Pink, Minor, Pink Lady
Ivy, English	<i>Hedera helix</i>	Thorndale
Ixora	<i>Ixora coccinea</i>	Maui, Maui Red, Maui Yellow
Ixora, Dwarf	<i>Ixora taiwanesis</i>	Petite Pink, Petite Red
Japanese Cleyera	<i>Ternstroemia gymnanthera</i>	
Japanese Mock-orange	<i>Pittosporum tobira</i>	Variegata
Japanese plum yew	<i>Cephalotaxus harringtonia</i>	Fastigiata
Japanese yew	<i>Taxus x media</i>	Densiformis
Jasmine, Asiatic/Yellow star	<i>Trachelospermum asiaticum</i>	Minima
Jasmine, Winter	<i>Jasminum nudiflorum</i>	
Jessamine, Carolina	<i>Gelsemium sempervirens</i>	
Juniper, Chinese	<i>Juniperus chinensis</i>	Gold Tip, Grey Owl, Sea Green, Spartan
Juniper, Creeping	<i>Juniperus horizontalis</i>	Bar Harbor, Blue Rug
Juniper, Flaky	<i>Juniperus squamata</i>	Blue Star
Juniper, Japanese garden	<i>Juniperus procumbens</i>	Nana
Juniper, Parson's	<i>Juniperus davurica</i>	Expansa, Parsonii
Juniper, Shore	<i>Juniperus conferta</i>	Blue Pacific
Kinnikinnick	<i>Arctostaphylos uva-ursi</i>	

Lantana	<i>Lantana camara</i>	Landmark Sunrise Rose
Laurustinus	<i>Viburnum tinus</i>	
Lilac	<i>Syringa x 'Penda'</i>	Bloomerang
Lilac, Common	<i>Syringa vulgaris</i>	
Lilac, Dwarf korean	<i>Syringa meyeri</i>	Palibin
Lilac, Japanese tree	<i>Syringa reticulata</i>	Ivory Silk
Lilac, Manchurian	<i>Syringa 'pubescens' subsp. Patula</i>	Miss Kim
Lily of the valley shrub	<i>Pieris japonica var. Yak</i>	Cavatine, Mountain Fire
Liriope (Lilyturf)	<i>Liriope muscari</i>	Aztec Grass, Big Blue, Evergreen Giant, Silvery Sunproof
Liriope (Lilyturf)	<i>Liriope spicata</i>	Silver Carpet
Loropetalum	<i>Loropetalum chinensis</i>	Burgundy, Ruby, Plum Purple, Rubra
Maiden grass (Eulaliagrass)	<i>Miscanthus sinensis</i>	Gracillimus, Zebrinus, Little Zebra
Magnolia, Loebner	<i>Magnolia x loebneria</i>	Leonard Messel
Magnolia, Star	<i>Magnolia stellata</i>	Waterlilly
Maple, Japanese	<i>Acer palmatum</i>	Bloodgood, Weeping Red Dragon
Maple, Red	<i>Acer rubrum</i>	Autumn Blaze, Autumn Radiance, Frank's Red, October Glory, Red Sunset
Mealycup sage	<i>Salvia farinacea</i>	Victoria white
Mondograss	<i>Ophiopogon japonicus</i>	
Muhly Grass	<i>Muhlenbergia capillaris</i>	
Nandina	<i>Nandina domestica</i>	Firepower
Oak, Northern pin	<i>Quercus ellipsoidal</i>	
Oak, Overcup	<i>Quercus lyrata</i>	
Oak, Pin	<i>Quercus palustris</i>	
Oak, Prarie stature	<i>Quercus x bimundorum</i>	Midwest
Oak, White	<i>Quercus alba</i>	Swamp White
Oleander	<i>Nerium oleander</i>	Calypso, Cardinal Red
Palm, Areca	<i>Dypsis lutescens</i>	
Palm, Coconut	<i>Cocos nucifera</i>	
Palm, European (Mediterranean) Fan	<i>Chamaerops humilis</i>	
Passion Vine	<i>Passiflora caerulea</i>	Blue
Pear, Common	<i>Pyrus communis</i>	Bartlett
Periwinkle	<i>Vinca minor</i>	
Periwinkle, Madagascar	<i>Catharathus roseus</i>	Titan Lilac
Photinia	<i>Photinia x fraseri</i>	Birmingham, Red Tip
Pine, Eastern white	<i>Pinus strobus</i>	
Pine, Loblolly	<i>Pinus taeda</i>	
Pine, Mondell	<i>Pinus eldarica</i>	
Pittosporum	<i>Pittosporum tobira</i>	Variegata
Plum, American	<i>Prunus americana</i>	
Plumbago (Cape leadwort)	<i>Plumbago auriculata</i>	Imperial Blue
Podocarpus (Buddhist pine)	<i>Podocarpus macrophyllus</i>	
Potentilla, Shrubby cinquefoil	<i>Potentilla fruticosa</i>	Goldfinger
Prairie Cordgrass	<i>Spartina pectinata</i>	
Privet, Vicary golden	<i>Ligustrum x vicary</i>	Vicary Golden
Pyracantha/Firethorn	<i>Pyracantha coccinea</i>	Red Cushion
Quince, Flowering	<i>Chaenomeles speciosa</i>	
Red cedar, Eastern	<i>Juniperus virginiana</i>	Idyllwild
Rose	<i>Rosa spp.</i>	Caramba , Double Knock Out, Flower Carpet Amber, Home Run, Knock Out, Louis Phillipe, Pink Knock Out, RadrazzPink
Rose	<i>Rosa rugosa</i>	
Rose, Virginia	<i>Rosa virginiana</i>	
Rose Mallow	<i>Hibiscus moscheutos</i>	
Rose of sharon	<i>Hibiscus syriacus</i>	Pink Heart, Boule de Feu
Russian Olive	<i>Elaeagnus angustifolia</i>	
Sage, Mealycup	<i>Salvia farinacea</i>	Victoria White
Schefflera	<i>Schefflera arboricola</i>	Dwarf, Trinette, Variegata
Scotchbroom	<i>Cytisus scoparius</i>	Burkwoodii

Sea Oats	<i>Chasmanthium latifolia</i>	
Sedge, Leather leaf flat	<i>Carex comans</i>	Red Rooster
Serviceberry (Shad brush)	<i>Amelanchier canadensis</i>	
Smoketree	<i>Cotinus coggygria</i>	Royal Purple
Snowberry, Common	<i>Symphoricarpos albus</i>	
Snowbush, Hawaiian	<i>Breynia disticha</i>	
Spicebush	<i>Lindera benzoin</i>	
Spirea (Dormant only)	<i>Spirea japonica</i>	Lemon Princess, Little Princess, Norman, Shirobana
Spruce, Dwarf alberta	<i>Picea glauca</i>	Conica
Stonecrop (1 application)	<i>Sedum spp.</i>	Kamshaticum, Matrona
Stonecrop (1 application)	<i>Sedum ternatum</i>	Larinem Park
Sweet olive, Fragrant tea olive	<i>Osmanthus fragrans</i>	
Switchgrass	<i>Panicum virgatum</i>	Shenandoah
Taxus (Japanese yew)	<i>Taxus x media</i>	Densiformis
Thin-fruit sedge	<i>Carex flaccosperma</i>	
Verbena	<i>Verbena canadensis</i>	Homestead Purple
Viburnum	<i>Viburnum awabuki</i>	
Viburnum, Burkwood	<i>Viburnum x burkwoodii</i>	
Viburnum, Popcorn (Japanese snowball)	<i>Viburnum plicatum</i>	Popcorn, St. Veverne
Virginia sweetspire	<i>Itea virginica</i>	
Wax Myrtle, Southern	<i>Myrica cerifera (w/woody growth)</i>	
Witch Alder, Dwarf	<i>Fothergilla gardenii</i>	
Wintercreeper	<i>Euonymus fortunei</i>	
Yellow Anise	<i>Illicium parviflorum</i>	
Yellow Indian grass	<i>Sorghastrum nutans</i>	

NATURAL AREAS

Use to control weeds in managed natural areas including those on golf courses. These areas can be adjacent to fairways, tees, greens, and in steep areas that are difficult to manage with a traditional program or where low maintenance is desired. Plants in these areas include those indigenous to a geographic area as well as other plants introduced due to their potential for low maintenance or for aesthetic considerations. Use in natural areas allows the user to manage undesirable weeds and prevent germination of invasive plants.

Apply around tolerant ornamentals listed on this label to control annual grasses and broadleaf weeds prior to germination. All plants must be established for at least one growing season before an application. If a desired plant to be treated is not listed on this label, treat several plants at the maximum use rate and evaluate 1-2 months later for acceptable tolerance.

Germination of wildflower seed will be sensitive. Seed these into treated areas no sooner than [6] [12] months after an application. Do not make an over-the-top application to wildflowers.

AMOUNT TO USE: Apply around ornamentals at 197-316 lbs per acre (4.6-7.3 lbs/1000 sq ft). Activate by watering in with light irrigation or rainfall.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE

Store in original container. Store in a manner to prevent cross-contamination of other pesticides or fertilizer, food, and feed. Do not store in or around the home. Store in a dry, locked storage area.

PESTICIDE DISPOSAL

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING

Non-refillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Offer for recycling, if available. Dispose of in a sanitary landfill, or by incineration; or, if allowed by State and local authorities, by burning. If burned, stay out of smoke. Recommend to add: 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 ENVIRONMENTAL SCIENCE U.S., LLC at 1-800-424-9300, day or night. to reflect language on previously approved labels.

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 Environmental Science U.S., LLC. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ENVIRONMENTAL SCIENCE U.S., LLC MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Environmental Science U.S., LLC is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ENVIRONMENTAL SCIENCE U.S., LLC DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

LIMITATIONS OF LIABILITY: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT ENVIRONMENTAL SCIENCE U.S., LLC'S ELECTION, THE REPLACEMENT OF PRODUCT.

NET CONTENTS:



Environmental Science U.S., LLC
5000 CentreGreen Way
Cary, NC 27513

SPECTICLE 0.0142% Plus Turf Fertilizer Herbicide (PENDING) 07/26/2022, 08/12/2022, 09/07/2022 12/16/2022AV1

[For placement under Fertilizer Guaranteed Section]

Fertilizer Analysis: X-X-X

Information regarding the contents and levels of metals in this product are available on the Internet at <http://www.regulatory-info-ba.com>. {or specific company website}.

Net Weight:

Florida License Number: FXXXX

[Information concerning the raw materials contained in this product can be obtained by writing to: {Insert Sub-registrant address}, referring to the item number found on this bag.]