



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505T)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

101563-221

Date of Issuance:

10/3/23

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

SPECTICLE SURE HERBICIDE

Name and Address of Registrant (include ZIP Code):

Bayer Environmental Science
Division of Bayer CropScience LP
5000 CentreGreen Way, Suite 400
Cary, NC 27513

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

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

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

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

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

Continues page 2

Signature of Approving Official:

Shaja B. Joyner, Product Manager 20
Fungicide-Herbicide Branch
Registration Division 7505T

Date:

10/3/23

2. Be aware that proposed data requirements have been identified in a Indaziflam Final Work Plan Registration Review: Initial Docket Case Number 7288. For more information on these proposed data requirements, you may contact the Chemical Review Manager in the Pesticide Re-Evaluation Division: <http://iaspub.epa.gov/apex/pesticides/f?p=chemicalsearch:1>
3. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 101563-221.”
4. Submit one copy of the final printed label for the record before you release the product for shipment.

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.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

The record for this product currently contains the following CSF(s):

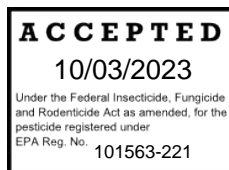
- Basic CSF dated 04/21/2022
- Alternate CSF 1 dated 04/22/2022

If you have any questions, please contact Eleanor Thornton at 202-566-2929 or at Thornton.eleanor@epa.gov.

Enclosure

Restricted Use Pesticide

This product meets the criteria for consideration as a Restricted Use Pesticide due to acute oral toxicity. Sale to or application by homeowners to residential turf is prohibited.



INDAZIFLAM	GROUP	29	HERBICIDE
RIMSULFURON	GROUP	2	HERBICIDE

SPECTICLE[®] SURE

(ABN: SPECTICLE SURE HERBICIDE; SPECTICLE SUREWDG)

{Editorial Note – Marketing claim positioned here}

Water Dispersible Granule

Preemergence and Postemergence Herbicide for the Control of Grasses, Annual Sedges, and Broadleaf Weeds in Established Bermudagrass and Zoysiagrass Turf in Areas Including Golf Courses (Roughs and Fairways), Sod Farms, Sports Fields, Residential and Commercial Lawns, Parks, and Cemeteries

{Editorial Note – [Bracketed text] is optional}

DO NOT USE FOR THE MANUFACTURING OF FERTILIZER

ACTIVE INGREDIENT:

Indaziflam	24.3%
Rimsulfuron	16.7%

OTHER INGREDIENTS:..... 59.0%

TOTAL: 100.0%

This product is a Water Dispersible Granule containing 0.243 pound indaziflam per U.S. pound and 0.167 pound of rimsulfuron per U.S. pound.

EPA Reg. No. 101563-EER

EPA Est.

KEEP OUT OF REACH OF CHILDREN CAUTION

For **MEDICAL** and **TRANSPORTATION** Emergencies **ONLY** Call 24 Hours A Day 1-800-334-7577
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 swallowed:	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by a poison control center or doctor.• Do not give anything by mouth to an unconscious person.
If on skin or clothing:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice
If in eyes:	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.• Call a poison control center or doctor for further treatment advice.
In case of emergency, call the toll-free Bayer Environment Science Response telephone number: 1-800-334-7577. Have a product container or label with you when calling a poison control center or doctor, or going for treatment.	
Note to Physician: No specific antidote is available. Treat symptomatically.	

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

All mixers, loaders, applicators and other handlers must wear:

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

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.

USER SAFETY RECOMMENDATIONS

<p>Users should:</p>

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|--|
| <ul style="list-style-type: none">• Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. If pesticide gets on skin, wash immediately with soap and water.• Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. |
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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 high watermark. **DO NOT** contaminate water when disposing of equipment rinsate or washwater. This product may enter water through spray drift or runoff. Follow directions for use to avoid spray drift and runoff.

Surface Water Advisory:

This pesticide may impact surface water quality due to runoff of rainwater. This is especially true for poorly draining soils with shallow ground water. This product is classified as having high potential for reaching surface water via runoff for several months or more after application. 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 of this product entering water from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

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.

Non-Target Organism Advisory

This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated area. Protect the forage and habitat of non-target organisms by minimizing spray drift. For further guidance and instructions on how to minimize spray drift, refer to the Spray Drift Management section of this label.

WINDBLOWN SOIL PARTICLES

Rimsulfuron has the potential to move off-site due to wind erosion. Soils that are subject to wind erosion usually have a high silt and/or fine to very fine sand fractions and low organic matter content. Other factors which can affect the movement of windblown soil include the intensity and direction of prevailing winds, vegetative cover, site slope, rainfall, and drainage patterns. Avoid applying SPECTICLE SURE if prevailing local conditions may be expected to result in off-site movement.

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.
- **In the state of New York only:** not for sale, distribution or use in Nassau or Suffolk County.

AGRICULTURAL USE REQUIREMENTS

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

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

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is coveralls, waterproof gloves, protective eyewear 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.[Residential and Golf course uses are not within the scope of the Worker Protection Standard.]

Reentry Statement: DO NOT allow people or pets to enter treated areas until sprays have dried.

PRODUCT INFORMATION

SPECTICLE SURE is a selective, preemergence and postemergence herbicide. SPECTICLE SURE provides extended residual control of many annual grasses including crabgrass, goosegrass, and annual bluegrass, as well as annual sedges, and many broadleaf weeds. Use SPECTICLE SURE on established warm-season turf in areas including golf courses (roughs and fairways), sod farms, sports fields, residential and commercial lawns, parks, and cemeteries.

SPECTICLE SURE does not control plants emerging from tubers, rhizomes, bulbs, corms, or existing rootstocks.

SPECTICLE SURE needs to be activated by rainfall or irrigation prior to weed germination for most effective preemergence control.

SPECTICLE SURE may damage sensitive plants if the product is allowed to remain in contact with foliage.

Carefully apply SPECTICLE SURE in strict accordance with the label.

Acceptable Turf Types

Bermudagrass* (*Cynodon dactylon*) and Zoysiagrass (*Zoysia* spp.) have demonstrated their inherent ability to endure applications of SPECTICLE SURE. Though not all grass types have been evaluated, other turfgrasses may also demonstrate endurance to this product. Before treating additional turfgrass types, cultivars, or newly released varieties, first apply SPECTICLE SURE to a small area prior to treatment of large areas. Unless injury is desired, **DO NOT** use this product on bahiagrass, Seashore paspalum, or cool-season grasses, including tall fescue, fine fescue, Kentucky bluegrass, perennial ryegrass or creeping bentgrass.

*Application of SPECTICLE SURE may temporarily inhibit the rooting of turfgrass stolons. Common or off-type Bermudagrass may show increased sensitivity to SPECTICLE SURE compared to hybrids.

SPECTICLE SURE 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.

- Bermudagrass (*Cynodon dactylon*) - Ormond
- Centipedegrass (*Eremochloa ophiuroides*)
- St. Augustinegrass (*Stenotaphrum secundatum*)
- Buffalograss (*Buchloe dactyloides*)
- Bahiagrass (*Paspalum notatum*)

- Seashore paspalum (*Paspalum vaginatum*)
- Creeping bentgrass (*Agrostis palustris*)
- Colonial bentgrass (*Agrostis capillaris*)
- Annual bluegrass (*Poa annua*)
- Roughstalk bluegrass (*Poa trivialis*)
- Fine fescue (*Festuca rubra*)
- Turf type tall fescue (*Festuca arundinaceae*)
- Kikuyugrass (*Pennisetum clandestinum*)
- Perennial ryegrass (*Lolium perenne*)
- Annual ryegrass (*Lolium multiflorum*)
- Kentucky bluegrass (*Poa pratensis*)

RESISTANCE MANAGEMENT

For resistance management, SPECTICLE SURE contains rimsulfuron, a Group 2 herbicide, and indaziflam, a group 29 herbicide. Any weed population may contain or develop plants naturally resistant to this product. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same area. Appropriate resistance management strategies must be followed.

To delay herbicide resistance, take one or more of the following steps:

- Rotate the use of SPECTICLE SURE within a growing year sequence or among growing year with different herbicide groups that control the same weeds.
- Use tank mixtures with herbicides from a different group if such use is permitted; where information on resistance in target weed species is available, use the less resistance-prone partner at a rate that will control the target weed(s) equally as well as the more resistance-prone partner.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use, and that considers mechanical control methods, cultural (e.g., timing to favor the turf and not the weeds), biological (weed-competitive varieties), and other management practices.
- Scout before and after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: 1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; 2) a spreading patch of non-controlled plants of a particular weed species; 3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method. Prevent movement of resistant weed seeds to other areas by cleaning equipment.
- If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.
- Contact your local university turf weed scientist for additional pesticide resistance-management and/or integrated weed-management recommendations for specific weed biotypes.
- For further information or to report suspected resistance contact Bayer CropScience at 1-800-331-2867. You can also contact your pesticide distributor or university extension specialist to report resistance.

For more information on Weed Resistance Management, visit the Herbicide Resistance Action Committee (HRAC) on the web at <http://www.hracglobal.com>.

MIXING AND COMPATIBILITY

Mixing Instructions

SPECTICLE SURE may be used with other recommended pesticides, fertilizers, and micronutrients. The proper mixing procedure for SPECTICLE SURE alone or in tank mix combinations with other pesticides is as follows:

1. Ensure that the application equipment has been thoroughly cleaned from previous use before using.
2. Fill the spray tank with 1/2 of the required volume of water prior to the addition of SPECTICLE SURE.
3. With the pump and agitator running, add the proper amount of SPECTICLE SURE first.
4. Once the SPECTICLE SURE is completely dispersed, add any other pesticides, fertilizers or additives using the proper mixing order.
5. Add the rest of the water to the desired volume while maintaining sufficient agitating.

6. It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

Continue agitation while mixing and during application to ensure a uniform spray mixture.

NOTE: DO NOT use PVA packets in a tank mix with products that contain boron or release free chlorine. The resultant reaction of PVA and boron or free chlorine is a plastic that is not soluble in water or solvents.

Re-suspending WG Products in Spray Solution: Like other wettable granule products (WGs), SPECTICLE SURE will settle if left standing without agitation. Re-agitate the spray solution for a minimum of 10 minutes before application.

Compatibility Testing with Other Pesticides

SPECTICLE SURE is physically and biologically compatible with many registered pesticides and fertilizers or micronutrients. However, it is known that many components, including crop protection products, fertilizers, micronutrients, and spray adjuvants, may be present in a tank mix combination. There is potential for adverse chemical reactions. It is impossible to determine physical, biological, and plant compatibility for all scenarios that may be encountered; therefore, it is recommended that users determine the chemical, physical, biological and plant compatibility of such mixes prior to application on a broad commercial scale.

If SPECTICLE SURE is to be tank mixed with liquid fertilizers, other pesticides, or additives, compatibility must be tested prior to mixing. To test for compatibility, use a small container and mix a small amount (0.5 to 1 qt) of spray, combining all ingredients in the same ratio and mixing order as the anticipated use. If any indications of physical incompatibility develop, **DO NOT** use this mixture for spraying. Indications of incompatibility usually appear 5-15 minutes after mixing.

Note that a labeled spray rate for SPECTICLE SURE must be used in any compatibility test. Dilute from a concentrated suspension, or sample from a properly diluted spray solution.

SPRAYER CLEANUP PROCEDURE

Spray equipment used to apply SPECTICLE SURE **must be cleaned prior to use on sensitive turf or injury may result.**

Before and after using SPECTICLE SURE, triple rinse all mixing and spray equipment, including tanks, pumps, lines, filters, screens, and nozzles with a tank cleaner.

If any SPECTICLE SURE remains in the spray equipment and is subsequently applied to a sensitive turfgrass, it has the potential to cause injury to that turfgrass.

PRODUCT USE RESTRICTIONS

- **DO NOT** exceed the maximum single application rate of 3 ounces (0.069 oz/1000 sq ft) SPECTICLE SURE per acre (0.046 lb indaziflam and 0.031 lb rimsulfuron).
- **DO NOT** apply more than 6 ounces (0.138 oz/1000 sq ft) of SPECTICLE SURE per acre (0.091 lb indaziflam and 0.062 lb rimsulfuron) for all applications within a 12-month period.
- **DO NOT** make more than six applications in a 12-month period.
- **DO NOT** apply directly to water or to soil where standing water is present except as specified on this label.
- **DO NOT** apply this product to water-saturated soil, frozen, or snow-covered ground.
- **DO NOT** apply within 25 feet of ponds, lakes, rivers, streams, wetlands and habitat containing aquatic and semi-aquatic plants.
- **DO NOT** apply through an irrigation or chemigation system.
- **DO NOT** use SPECTICLE SURE in a spray solution with pH of below 4.0 or above 8.0, or with spray additives that buffer the pH to below 4.0 or above 8.0, since degradation of SPECTICLE SURE may occur.
- **DO NOT** contaminate water intended for irrigation and domestic use.
- **DO NOT** apply by air. Apply by Groundboom or Handheld equipment only.
- **DO NOT** apply to turf less than 1 year old.
- **DO NOT** apply to golf course greens, tees, or collars.
- **DO NOT** apply to slopes immediately above golf course greens.
- **DO NOT** apply to weakened turf that requires significant fill in or recovery.
- **NOT** for Homeowner use.

- **DO NOT** apply more frequently than at 30 day intervals.
- **DO NOT** apply an organophosphate insecticide or nematicide within 7 days of application as injury potential to the desired grass may increase.
- **DO NOT** use on Bahiagrass where it is the desired turf, as severe injury may result.
- **DO NOT** plant ornamentals such as shrubs and trees in treated areas for at least 1 year after the last application or bedding plants for at least 2 years.
- SPECTICLE SURE may be applied to sod up to 4 months prior to harvest.

DEACTIVATING SPECTICLE SURE

Activated charcoal has been shown to deactivate indaziflam in SPECTICLE SURE if applied within several hours of application. Follow directions for the amount of charcoal to apply on the label of the activated charcoal.

USE PRECAUTIONS

- Avoid using SPECTICLE SURE in areas where soil runoff or erosion is likely to occur.
- Applications made during periods of intense rainfall, to soils saturated with water, or soils through which rainfall will not readily penetrate may result in runoff and movement of SPECTICLE SURE.
- Avoid using SPECTICLE SURE on desirable plants that exhibit low vigor or poor health as they may be more susceptible to injury.
- Avoid spray contact with foliage, green bark, roots, or fruit of desirable plants as it may cause localized plant injury or death.
- Avoid traffic including golfers or maintenance equipment crossing treated areas until the application is adequately dried.

MANDATORY SPRAY DRIFT REQUIREMENTS

Ground Boom Applications:

- Apply with the nozzle height directed by the manufacturer, but no more than 4 feet above the ground or target turf.
- For applications prior to the emergence and target weeds, applicators are required to use a coarse or coarser droplet size (ASABE S572.1).
- For all other applications, applicators are required to use a medium or coarser droplet size (ASABE S572.1).
- **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

Boomless Ground Applications:

- Applicators are required to use a medium or coarser droplet size (ASABE S572.1) for all applications.
- **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- **DO NOT** apply during temperature inversion.

SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT. BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

Boom-less Ground Applications:

- Setting nozzles at the lowest effective height will help to reduce the potential for spray drift

Handheld Technology Applications:

- Take precautions to minimize spray drift.

IMPORTANCE OF DROPLET SIZE

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

Controlling Droplet Size – Ground Boom

- Volume - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.

- Pressure - Use the lowest spray pressure specified for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

BOOM HEIGHT – Ground Boom

Use the lowest boom height that is compatible with the spray nozzles that will provide uniform coverage. For ground equipment, the boom should remain level with the crop and have minimal bounce.

SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

WIND

Drift potential generally increases with wind speed. **AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.**

Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

APPLICATION INFORMATION

Apply SPECTICLE SURE with a properly calibrated sprayer according to the manufacturer's directions and 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 overlapping application patterns to avoid plant injury.

Application Volume

Apply SPECTICLE SURE in a minimum of 10 gallons of water per acre (1 quart of water per 1000 sq ft) and ensure adequate coverage for optimum weed control.

SOIL MOISTURE, IRRIGATION, AND RAINFALL AFTER APPLICATION

Best weed control is obtained when SPECTICLE SURE is applied to dry or slightly moist soil surfaces. Allow SPECTICLE SURE time to dry at minimum 4 hours post-application. Irrigation with 0.1 to 0.2 inches of water within 21 days post-application will maximize weed control. Heavy rainfall within 48 hours after application may reduce postemergence control. If broadleaf weeds have begun to emerge at application, a foliar active herbicide is advised.

USE OF SPECTICLE SURE ON TURF IN COARSE AND SANDY SOILS

Soil conditions can affect the resilience of turf to SPECTICLE SURE. Coarse or sandy soils may allow for downward movement of SPECTICLE SURE 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 SURE in these soils, confirm texture with a soil test. Turf grown in soil exceeding 80% sand or 20% gravel may be at risk. Multiple applications of SPECTICLE SURE at low rates may reduce the risk of herbicide movement on these soils. Refer to use rates for the 'Split Application Programs' section of this label.

If SPECTICLE SURE is to be applied on these soils, evaluate turf resilience in treated soils prior to a large-scale application.

Use of SPECTICLE SURE on Weakened or Stressed Turf

SPECTICLE SURE controls weeds by inhibiting root development. Newly developing roots of desirable turf may be affected. Turf under stresses including 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 SURE to turf in these situations may delay turf recovery.

Application of SPECTICLE SURE 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.

Maximum Single Application Rates for SPECTICLE SURE on Warm-Season Grasses

Apply SPECTICLE SURE at 1 to 3 oz per acre (0.023 – 0.069 oz/1000 sq ft). Repeat applications can be made but are not to exceed a total amount of 6 oz per acre per year (0.138 oz/1000 sq ft per year). The 1 oz rate is equivalent to 0.015 oz/ac indaziflam and 0.010 oz/ac rimsulfuron. And the 3 oz rate is equivalent to 0.046 lb/ac indaziflam and 0.031 lb/ac rimsulfuron.

Precautions for Use of SPECTICLE SURE Near Sensitive Grasses

SPECTICLE SURE applied uphill to sensitive grasses (including 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. SPECTICLE SURE may be applied where labeled warm-season grasses are adjacent to sensitive cool-season grasses (e.g., tall fescue, Kentucky bluegrass, and perennial ryegrass) and warm-season grasses (e.g., St. Augustinegrass and centipedegrass). The applicator, however, must take care not to apply SPECTICLE SURE directly to sensitive grasses.

USE RATES, TIMINGS, AND MAXIMUM SEASONAL RATE FOR SPECTICLE SURE ON TURF

Apply SPECTICLE SURE in a single or split application program. The maximum single application rate of SPECTICLE SURE is 3 oz per acre (0.069 oz/1000 sq ft). The 3 oz rate is equivalent to 0.046 lb/ac indaziflam and 0.031 lbz/ac rimsulfuron. The total amount of SPECTICLE SURE applied in a 12-month period must not exceed 6 oz per acre (0.138 oz/1000 sq ft). The 6 oz rate is equivalent to 0.091 lb/ac indaziflam and 0.063 lb/ac rimsulfuron

SINGLE APPLICATION PROGRAM

Use higher rates within the rate range when the site has historically higher weed pressure or when longer residual control is desired. Use lower to medium rates on medium and coarse-textured soils, and higher rates on fine-textured soils.

Use Rates for Single Application of SPECTICLE SURE

Target Weed	Rate Range for SPECTICLE SURE (single application)
Crabgrass	1-3 oz per acre^a (0.023 – 0.069 oz/1000 sq ft)
Goosegrass	
Annual bluegrass	
Broadleaf weeds	
Annual sedge and annual kyllinga	

^a The 1 oz rate is equivalent to 0.015 oz/ac indaziflam and 0.010 oz/ac rimsulfuron. And the 3 oz rate is equivalent to 0.046 lb/ac indaziflam and 0.031 lb/ac rimsulfuron.

SPLIT APPLICATION PROGRAMS

Split applications of SPECTICLE SURE can be made in a year to extend the length of control of specific weeds, to control weeds germinating over an extended period, or to control other weeds emerging during the same or overlapping period.

ANNUAL BLUEGRASS CONTROL

Make preemergence applications of SPECTICLE SURE between August and November depending on annual bluegrass germination in each geographical zone. The optimum timing is dependent on peak annual bluegrass germination and local conditions in a particular year.

[For early postemergence control apply SPECTICLE SURE prior to tillering.] [Postemergence control of tillered annual bluegrass can be achieved by combining SPECTICLE SURE with labeled use rates of foramsulfuron (EPA Reg. No. 101563-53) or foramsulfuron; halosulfuron-methyl; thiencazone-methyl (EPA Reg. No. 101563-147). Applications must be made prior to the ground freezing.]

BROADLEAF WEED CONTROL

SPECTICLE SURE 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 in the soil profile may not be effectively controlled by SPECTICLE SURE.

ANNUAL SEDGES AND ANNUAL KYLLINGA CONTROL

SPECTICLE SURE provides preemergence control of sedges and kyllingas emerging from seed. SPECTICLE SURE does not control established perennial sedges and kyllingas, or sedges emerging from tubers (nutlets) including yellow or purple nutsedge.

Dormant, Non-Overseeded Turf

Tank-mix combinations of SPECTICLE SURE with a non-selective herbicide will control existing weeds in dormant warm-season grasses including bermudagrass and zoysiagrass.

{[SPECTICLE SURE may be used in combination with oxadiazon (101563-125), foramsulfuron (EPA Reg No. 101563-53), dicamba; iodosulfuron-methyl-sodium; thiencazone-methyl (EPA Reg. No. 101563-141) or foramsulfuron; halosulfuron-methyl; thiencazone-methyl (EPA Reg. No 101563-147) to provide broad-spectrum residual weed control. Follow use restrictions on all labels.]}

Non-Dormant, Non-Overseeded Turf

SPECTICLE SURE cannot be used on warm-season turf overseeded with cool-season grasses. {[Tank-mix combinations of SPECTICLE SURE with a selective postemergence herbicide including as foramsulfuron (EPA Reg No. 101563-53), dicamba; iodosulfuron-methyl-sodium; thiencazone-methyl (EPA Reg. No. 101563-141), or foramsulfuron; halosulfuron-methyl; thiencazone-methyl (EPA Reg. No 101563-147) provide pre and postemergence control of weeds in non-overseeded, warm-season turf common to both products. Follow use restrictions on all labels.]}

Weeds Controlled or Suppressed by SPECTICLE SURE²	
Broadleaf Weeds	
American black nightshade [*]	<i>Solanum americanum</i>
American burnweed (Fireweed) [*]	<i>Erechtites hieraciifolia</i>
Beggarticks [*]	<i>Bidens alba</i>
Bittercress [*]	<i>Cardamine</i> spp.
Black medic ¹ [*]	<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>
Dodder [*]	<i>Cuscuta</i> spp.
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 ¹ [*]	<i>Matricaria maritima</i>

Weeds Controlled or Suppressed by SPECTICLE SURE²	
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>
Horseweed/ Marestalk [*]	<i>Conyza canadensis</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 ¹ [*]	<i>Sisymbrium irio</i>
Longstalked phyllanthus [*]	<i>Phyllanthus tenellus</i>
Mustard, Black ¹ [*]	<i>Brassica nigra</i>
Mustard, Short-pod [*]	<i>Hirschfeldia incana</i>
Mustard, Wild [*]	<i>Sinapis arvensis</i>
Parthenium [*]	<i>Parthenium hysterophorus</i>
Pigweed, Prostrate [*]	<i>Amaranthus blitoides</i>
Pigweed, Redroot [*]	<i>Amaranthus retroflexus</i>

Weeds Controlled or Suppressed by SPECTICLE SURE²	
Pink purslane[*]	<i>Claytonia sibirica</i>
Plantain, Buckhorn [*]	<i>Plantago lanceolata</i>
Plantain, Paleseed [*]	<i>Plantago virginica</i>
Poinsettia, Wild [*]	<i>Euphorbia cyathophora</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 ¹ [*]	<i>Ambrosia artimisiifolia</i>
Redmaids [*]	<i>Calandrinia ciliata</i>
Sesbania, Hemp ¹ [*]	<i>Sesbania exaltata</i>
Shepherd's-purse [*]	<i>Capsella bursa-pastoris</i>
Sida, Prickly/Teaweed ¹ [*]	<i>Sida spinosa</i>
Southern brassbuttons ¹ [*]	<i>Cotula australis</i>
Sowthistle, Annual [*]	<i>Sonchus oleraceus</i>
Spurge, Spotted [*]	<i>Euphorbia maculata</i>
Stinkwort[*]	<i>Dittrichia graveolens</i>
Sunflower ¹ , Common [*]	<i>Helianthus annuus</i>
Swinecress [*]	<i>Coronopus didymus</i>
Tassel flower [*]	<i>Emilia sonchifolia</i>
Tropic ageratum [*]	<i>Ageratum conyzoides</i>
Velvetleaf ¹ [*]	<i>Abutilon theophrasti</i>
Vetch, Purple [*]	<i>Vicia benghalensis</i>
Wild carrot ¹ [*]	<i>Daucus carota</i>
Willowherb [*]	<i>Epilobium brachycarpum</i>
Woodsorrel, Yellow ¹ [*]	<i>Oxalis stricta</i>
GRASSES, MONOCOTS, AND SEDGES	
Annual bluegrass [*]	<i>Poa annua</i>
Annual kyllinga 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>
Kyllinga, Fraqrant/Annual ³ [*]	<i>Kyllinga odorata</i>
Little barley[*]	<i>Hordium pusillum</i>
Mouse barley [*]	<i>Hordeum murinum</i>
Red brome [*]	<i>Bromus rubens</i>

Rice flatsedge ³ [*]	<i>Cyperus iria</i>
GRASSES, MONOCOTS, AND SEDGES	
Ryegrass, Italian [*]	<i>Lolium multiflorum</i>
Ryegrass, Perennial [*]	<i>Lolium perenne</i>
Sandbur [*]	<i>Cenchrus longispinus</i>
Sedge, Annual ³ [*]	<i>Cyperus compressus</i>
Sedge, Globe ³ [*]	<i>Cyperus croceus</i>
Tufted lovegrass [*]	<i>Eragrostis pectinacea</i>

[*Not for use in California]

¹Weeds suppressed by SPECTICLE SURE

²Use higher labeled rates if weed pressure is historically high or longer residual control is desired. Weed control can also be achieved with multiple applications of SPECTICLE SURE. **DO NOT** exceed a total of 6 fl oz per acre per year (0.138 oz/1000 sq ft) with split applications.

³SPECTICLE SURE only controls sedges and annual kyllinga emerging from seed. It does not control perennial sedge emerging from tubers/nutlets or perennial forms of kyllinga.

Seeding, Overseeding, Re-Seeding, Sprigging and Sodding

Seeding, Overseeding, Re-Seeding, Sprigging and Sodding

SPECTICLE SURE can inhibit root development and the emergence of seed. Roots of newly emerged seedlings may be damaged. Establishment of sod may be affected if SPECTICLE SURE is applied to sod that is not well established. Timing of seeding, re-seeding, overseeding, sprigging, and sodding turf relative to an application of SPECTICLE SURE needs to be considered.

Seeding, overseeding, re-seeding, sprigging, and sodding intervals are affected by the rate of SPECTICLE SURE 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
		^b 1 to 2 oz/A (0.023 to 0.046 oz/1000 sq ft)	^b 2 to 3 oz/A (0.046 to 0.069 oz/1000 sq ft)
Seeding	12 months	10 months	12 months
Sprigging	12 months	10 months	12 months
Sodding	4 months	6 months	8 months

^b The 1 oz rate is equivalent to 0.015 oz/ac indaziflam and 0.010 oz/ac rimsulfuron. The 3 oz rate is equivalent to 0.046 lb/ac indaziflam and 0.031 lb/ac rimsulfuron. The 2 oz rate is equivalent to 0.030 lb/ac indaziflam and 0.021 lb/ac rimsulfuron.

APPLICATIONS ON SOD FARMS

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

DO NOT apply SPECTICLE SURE to centipedegrass, bahiagrass, seashore paspalum, or St. Augustinegrass sod.

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage and disposal.

PESTICIDE STORAGE

Store in original container and keep tightly closed when not in use. Store in a cool, dry place. Avoid cross-contamination with other pesticides.

PESTICIDE DISPOSAL

Pesticides wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency or Hazardous Waste representative at the nearest EPA regional office for guidance in proper disposal methods.

CONTAINER HANDLING

Rigid Non-Refillable containers with capacities smaller or equal to 5 gallons

PLASTIC CONTAINERS:

Non-refillable 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 the flow begins to drip. Repeat this procedure two more times.

Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or other procedures allowed by state and local authorities.

Rigid Non-refillable Containers that are too large to shake (i.e., with capacities greater than 5 gallons or 50 lbs)

Non-refillable container. **DO NOT** reuse or refill this container. Refer to Bottom Discharge IBC or Top Discharge IBC (intermediate bulk containers), Drums, Kegs information as follows.

Bottom Discharge IBC (e.g. – Schuetz Caged IBC or Snyder Square Stackable)

Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. To pressure rinse the container before final disposal, empty the remaining contents from the IBC into application equipment or mix tank. Raise the bottom of the IBC by 1.5 inches on the side which is opposite of the bottom discharge valve to promote more complete product removal.

Completely remove the top lid of the IBC. Use water pressurized to at least 40 PSI to rinse all interior portions. Continuously pump or drain rinsate into application equipment or rinsate collection system while pressure rinsing. Continue pressure rinsing for 2 minutes or until rinsate becomes clear. Replace the lid and close bottom valve.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill or by other procedures allowed by state and local authorities.

Top Discharge IBC, Drums, Kegs (e.g.– Snyder 120 Next Gen, Bonar B120, Drums, Kegs)

Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. To triple rinse the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container at least 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Rinse all interior surfaces. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill or other procedures allowed by state and local authorities.

DO NOT transport if this 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 BAYER CROPSCIENCE LP at 1-800-334-7577, day or night

CONDITIONS OF SALE AND LIMITATIONS OF WARRANTY AND LIABILITY

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.

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PRODUCED FOR



**Bayer Environmental Science
A Division of Bayer CropScience LP
5000 CentreGreen Way, Suite 400
Cary, NC 27513**

SPECTICLE SURE (Pending) 01/27/2022, 01/31/2022, 05/02/2022, 05/04/2022, 05/05/2022

[Optional Marketing Claims:]

[Herbicide]

[Preemergence + Postemergence combination for resistance management]

[Simplified approach for annual bluegrass and goosegrass control]

[Two proven active ingredients, one simple solution for turf managers]

Pictures:

