



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number: 432-1528
Date of Issuance: 1-22-13

Term of Issuance: Unconditional

Name of Pesticide Product:
Esplanade Muni

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):
Bayer CropScience LP / Bayer Environmental Science
2 T.W. Alexander Drive
RTP, NC 27709


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/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

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 registered in accordance with FIFRA section 3(c)(5) provided that you:

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

Signature of Approving Official:

Kable "Bo" Davis
Product Manager 25
Herbicide Branch, Registration Division (7505P)

Date:
1-22-13

2. Submit one copy of the final printed label for the record before you release the product for shipment.
3. Add the correct EPA Est. # and add the correct EPA Reg. # to the label.

If these requirements are not complied with, the registration will be subject to cancellation in accordance with 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. If you have any questions please contact Erik Kraft at 703-308-9358 or kraft.erik@epa.gov.

3/8

ACCEPTED
1-22-13
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 432-1528

Esplanade Muni

Non-selective control of emerged and pre-emerged grasses and broadleaf weeds in Non-Crop Areas including, Paths, Parking Lots, Curbs, Sidewalks, Driveways, Around Buildings, Gravel areas, Loading Ramps, Educational Facilities, Storage Yards, Vacant Lots, Railroad and Rail Yards, Managed Roadsides, Fence Rows, Utilities, Parks, Hardscapes (including crack and crevice), Industrial, Municipal, Mulched Areas, Landscape Ornamental Beds, and Government Sites.

Editorial Note – [Bracketed text] is optional language

ACTIVE INGREDIENTS:

| | |
|--------------------------------------|----------------|
| Indaziflam..... | 0.089% |
| Diquat dibromide..... | 0.890% |
| Glyphosate isopropylamine salt | 20.460% |
| OTHER INGREDIENTS: | <u>78.561%</u> |
| TOTAL: | 100.00% |

EPA Reg. No. 432-XXX

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN CAUTION

Do not apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out of the area during application. Do not allow people or pets to enter the treated area until sprays have dried.

| 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 | <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 further treatment advice. |
| If in Eyes | <ul style="list-style-type: none"> ▪ Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. ▪ Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. ▪ Call a poison control center or doctor for further treatment advice. |
| <p>NOTE: Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may call toll-free 1-877-229-3763 for medical emergency information.</p> <p>Active Ingredients: 20.460% glyphosate isopropylamine salt (CAS No. 38641-94-0), 0.890% diquat dibromide (CAS No. 85-00-7), and 0.089% indaziflam (CAS No. 950782-86-2).</p> | |

4/8

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or 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.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, aquatic invertebrates, and plants. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters, or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. This chemical has properties and characteristics associated with chemicals detected in groundwater. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow. This pesticide may impact water quality due to runoff of rainwater. 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.

DIRECTIONS FOR USE

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

1. PRODUCT APPLICATION RESTRICTIONS

- Do not use this product in or around vegetable gardens or in landscaped areas where young plants will soon be planted [within [2, 4, 6 or X] months after treatment].
- This product is not intended to be used on turf grass.
- Apply when the air is calm to avoid spray drift onto desirable plants.
- [Avoid tracking product onto desirable vegetation - do not walk on treated area until the spray has dried.]
- If spraying near the base of established plants (plants that have been in the ground at the same location for two or more years), shield them from spray drift using cardboard, plastic, or other materials. If the spray accidentally contacts a desirable plant, rinse it off immediately with water.
- Note: Do not apply using a steel sprayer, except stainless steel.

2. USE AMOUNT

- Apply to small and actively growing weeds. Best results will be achieved when temperatures are above 60 ° F.
- Thoroughly spray existing weeds and the entire area that you want protected.
- Certain hard-to-kill weeds can be re-sprayed 1 month after initial treatment using spot treatment.
- Add 8 -16 oz of product per 1 gallon of water.
- Shake bottle well before use. Add appropriate amounts of water & product to spray tank.

| Rate | Add To | Covers |
|------------------|-------------------|------------------|
| 8 fl oz Product | 1 gallon of water | 500 square feet |
| 16 fl oz Product | 1 gallon of water | 1000 square feet |

Note: Do Not Apply more than a maximum of 5.4 gallons of product per acre per year.

3. [FOR BEST RESULTS]

[WHEN TO APPLY]

- [Spray when weeds are small and actively growing when temperatures are above 60° F and when it is sunny].
- [Certain hard-to-kill weeds may be re-treated in 2 weeks using spot application if necessary.]
- [Disturbing the weed preventative barrier may reduce the effectiveness of this product.]
- [Rain or watering [30 or X minutes] after application will not wash away effectiveness.]
- [Under drought conditions, it may be necessary to water the product in. Irrigate to move the residual herbicide into the soil, but not to the point of visible runoff.]

[REPLANTING]

- [Ornamental bedding plants (annuals, perennials), trees, shrubs, sod & seed may be planted [1, 2, 3, 4 or X] months after application.]

[CLEAN UP]

- [Triple rinse the spray tank and flush all sprayer components with water to remove residual product. Empty the rinse water onto bare soil or gravel.]

4. WHAT IT DOES

This product contains a proven blend of weed & grass killers to kill existing weeds & grasses plus a proprietary residual herbicide to keep new ones from coming back. Existing weeds & grasses begin to wilt & die within hours and new ones will not grow for up to 6 months.

5. WERE TO USE

Non-selective control of emerged and pre-emerged grasses and broadleaf weeds in Non-Crop Areas including, Paths, Parking Lots, Curbs, Sidewalks, Driveways, Around Buildings, Educational Facilities, Gravel Areas, Loading Ramps, Storage Yards, Vacant Lots, Railroad and Rail Yards, Managed Roadsides, Fence Rows, Utilities, Parks, Hardscapes (including crack and crevice), Industrial, Municipal, Mulched Areas, Landscape Ornamental Beds, and Government Sites.

6. WEEDS CONTROLLED

| Broadleaf Weeds | Scientific Name [optional] |
|---------------------------|--------------------------------|
| 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> |
| Curly dock | <i>Rumex crispus</i> |
| Evening primrose, Cutleaf | <i>Oenothera laciniata</i> |
| Dandelion, Common | <i>Taraxacum officinale</i> |
| Filaree, redstem | <i>Erodium cicutarium</i> |
| Fleabane, blackleaved | <i>Conyza bonariensis</i> |
| Florida pusley | <i>Richardia scabra</i> |
| Gromwell, Yellow | <i>Amsinckia calycina</i> |
| Groundsel, common | <i>Senecio vulgaris</i> |
| Hairy fleabane | <i>Erigeron bonariensis</i> |
| Henbit | <i>Lamium amplexicaule</i> |
| Horseweed/Marestail | <i>Erigeron canadensis</i> |
| Kochia | <i>Kochia scoparia</i> |
| Lambsquarters, common | <i>Chenopodium album</i> |
| Lespedeza, Serecia | <i>Lespedeza cuneata</i> |
| London rocket | <i>Sisymbrium irio</i> |
| Mustard, Wild | <i>Sinapis arvensis</i> |
| Spotted spurge | <i>Euphorbia maculata</i> |
| Prostrate spurge | <i>Euphorbia humifusa</i> |
| Ragweed, Common | <i>Ambrosia artemisiifolia</i> |
| Redroot pigweed | <i>Amaranthus retroflexus</i> |
| Shepherd's-purse | <i>Capsella bursa-pastoris</i> |
| Sida, Prickly / Teaweed | <i>Sida spinosa</i> |
| Sowthistle, Annual | <i>Sonchus olerachus</i> |
| Sunflower, Common | <i>Helianthus spp.</i> |
| Velvetleaf | <i>Abutilon theophrasti</i> |
| Vetch, Common | <i>Vicia sativa</i> |
| Wild mustard | <i>Sinapis arvensis</i> |
| Grass Weeds | Scientific Name [optional] |
| Annual bluegrass/ 'Poa' | <i>Poa annua</i> |
| Barnyardgrass, common | <i>Echinochloa crus-galli</i> |
| Cheatgrass | <i>Bromus secalinus</i> |
| Crabgrass | <i>Digitaria sp</i> |

| | |
|------------------------|------------------------------|
| Crabgrass, Henry | <i>Digitaria adscendens</i> |
| Crabgrass, Large/Hairy | <i>Digitaria sanguinalis</i> |
| Crabgrass, Smooth | <i>Digitaria ischaemum</i> |
| Foxtail brome | <i>Bromus rubens</i> |
| Foxtail, Giant | <i>Setaria faberi</i> |
| Foxtail, Green | <i>Setaria viridis</i> |
| Foxtail, Yellow | <i>Setaria glauca</i> |
| Goosegrass | <i>Eleusine indica</i> |
| Ryegrass, Italian | <i>Lolium multiflorum</i> |
| Ryegrass, Perennial | <i>Lolium perenne</i> |

7. LANDSCAPE ORNAMENTAL USES

Use ESPLANADE MUNI in residential, commercial, as well as federal, state and local plantings of ornamentals for pre-emergent weed control. ESPLANADE MUNI as a directed spray only to established (rooted) plants and not to newly rooted cuttings or seedlings. To avoid root damage, apply ESPLANADE MUNI 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. Plant damage will occur if ESPLANADE MUNI contacts foliage.

USE AMOUNT

Apply ESPLANADE MUNI as a directed spray at 8 fl oz of product / 500 sq ft around ornamentals. When applying ESPLANADE MUNI with a backpack sprayer, follow all above restrictions.

To activate ESPLANADE MUNI for maximum herbicidal benefit, irrigate the area treated with ESPLANADE MUNI to move the herbicide into the soil within 21 days after application. With dry soil, use a minimum of 0.25 inches of irrigation water, and with soil at or greater than field capacity, reduce amount of irrigation water. In either case, do not create conditions that cause visible run-off of irrigation water. Adequate rainfall following an application will negate the need for irrigation.

A subsequent application of ESPLANADE MUNI can be made within 30-60 days after the initial application to extend weed control provided that the maximum allowed rate does not exceed 16 fl oz of product / 500 sq ft in a 12-month period.

ESPLANADE MUNI AROUND ORNAMENTALS

Avoid contact of ESPLANADE MUNI with foliage, stems, green bark, or bare roots of turfgrasses, trees, shrubs, or other listed desirable vegetation, since severe damage may result. If spraying areas adjacent to desirable plants with ESPLANADE MUNI, use a shield while spraying to help prevent spray from contacting foliage of desirable plants.

When spraying around the base of established plants (plants that have been in the ground at the same location for two or more years), shield them from spray drift using cardboard, plastic, or other materials. If the spray accidentally contacts a desirable plant, rinse it off immediately with water.

When tank mixing with other products, it is the responsibility of the end-user/applicator to ensure that the tank-mix partner is registered in the state where the application is being made.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Protect ESPLANADE MUNI, from freezing temperatures.

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are acutely hazardous.

Improper disposal of excess pesticide, spray-mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of-by-use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: 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 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available or reconditioning, if appropriate. Then puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

7/18

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 Bayer CropScience LP. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP 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 Bayer CropScience LP is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP 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 BAYER CROPSCIENCE LP'S ELECTION, THE REPLACEMENT OF PRODUCT.

NET CONTENTS:



Bayer Environmental Science

A Division of Bayer CropScience LP
2 T. W. Alexander Drive
Research Triangle Park, NC 27709

PENDING 10/04/2012, 10/17/2012, 10/19/12, 11/30/12, 01/09/13, 01/15/13

[Optional Marketing Claims:]

Kills/Prevents Weeds & Grasses Claims:

- Kills [controls] [even tough] [hard-to-control] [existing] weeds [and grasses] [to the root]
- Systemic [Herbicide] [Activity] – moves throughout the weed to kill from roots to tops
- [2-in-1] [Dual Action] [FORMULA] [Product]: Kills EXISTING [current] WEEDS & GRASSES [to the root] [PLUS] [and], Prevents [New Weeds] [& GRASSES] [up to 6 Months] [by creating an invisible barrier][zone]
- Prevents Grasses & Weeds All Season Long
- Season Long Weed Control
- Extended Weed Control
- [Up to] 6 Month Grass & Weed Control
- PROTECT [YOUR LANDSCAPE] FROM WEEDS & GRASSES [UP TO 6 MONTHS]
- [KILLS] [AND PREVENTS] TOUGH WEEDS AND GRASSES [LIKE BERMUDAGRASS, CRABGRASS, *select other listed weeds*]
- LONG LASTING FORMULA – [PROTECTS] [UP TO 6 MONTHS]
- UP TO 6 MONTH CONTROL [protection]!
- Long lasting [up to 6 months] [weed] [zone] [protection]
- [Season Long Weed Control] [with 1 Application]
- 1 Application Provides Season Long [Weed] Control
- [Continuous Action] [long lasting] [up to 6 month] [Protective] Weed Zone [barrier]
- Prevents weeds & grasses from growing in treated areas for up to 6 months
- Keeps on working for up to 6 months to prevent new weeds & grasses from growing
- Kills the weeds you see and prevents new weeds and grasses from growing for up to 6 months
- Spray your problem areas to create a zone of 6 month protection against unwanted weeds & grasses
- One application protects treated areas for up to 6 months
- One application provides continuous protection

for up to 6 months

- Kills existing weeds and creates a 6 month barrier against unwanted weeds & grasses

Rainfastness/Weed Killing Time:

- Rainproof [Protection] in [10, 30 or X minutes] [1, 6, 24 or X hours]
- [Visible Results] in Hours [or X minutes]
- Starts Working Immediately
- All Weather Formula (rainproof in [10, 30 or X minutes] [1, 6, 24 or X hours])

Miscellaneous Claims

- Contains [FEATURES] [new] [proprietary] Indaziflam [for long lasting grass & weed] control]
- Indaziflam Inside! [for up to 6 months [grass & weed] control]
- [Brand] New [proprietary] [Formula] [tion]!
- Simple, [Convenient], [Easy] to use
- Low VOC

Communication Claims

- An easier way to kill & prevent problem weeds in non-lawn areas
- An easier way to manage [guard against] [protect against] unwanted weeds and grasses
- Guard against unsightly weeds and grasses
- The best [better] solution for managing large areas of unwanted weeds & grasses
- An easier way to manage large areas of unwanted weeds & grasses
- Provides fast-acting, long-lasting control of weeds & grasses