



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

EPA Reg. Number:

83822-1

Date of Issuance:

12/18/2014

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
 (under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Weed2 & Feed Mulch

Name and Address of Registrant (include ZIP Code):

Mulch Manufacturing, Inc.  
 6747 Taylor Road S.W.  
 Reynoldsburg, OH 43068-9649

c/o Sharon M. Johnston  
 RegGuide  
 509 Tower Valley Drive  
 Hillsboro, MO 63050

**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.

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.

Signature of Approving Official:

*Kathryn V. Montague*

Kathryn V. Montague,  
 Product Manager 23  
 Herbicide Branch,  
 Registration Division (7505P)

Date:

12/18/2014

2. You are required to comply with the data requirements described in the DCI identified below:
  - a. Isoxaben GDCI-125851-965
  - b. Isoxaben GDCI-125851-837

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCIs listed above, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division: [http://www.epa.gov/oppsrrd1/contacts\\_prd.htm](http://www.epa.gov/oppsrrd1/contacts_prd.htm)

3. Be aware that proposed data requirements have been identified in a Final Work Plan for dithiopyr. For more information on these proposed data requirements, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division: [http://www.epa.gov/oppsrrd1/contacts\\_prd.htm](http://www.epa.gov/oppsrrd1/contacts_prd.htm)
4. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. The product chemistry volumes submitted to the Agency indicate that these studies are in progress. You have 18 months from the date of registration to provide these data.
5. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 83822-1.”
  - Assure that the EPA Establishment Number and Net Contents are added to the final printed label.
  - Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable containers. The code may appear either on the label (and can be added by non-notification via PR Notice 98-10) or durably marked on the container itself.
6. Submit one copy of the final printed label for the record before you release the product for shipment.

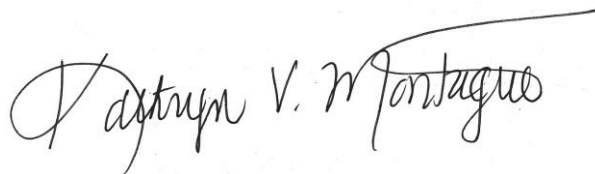
Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list 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. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 04/14/2014
- Alternate CSF #1 dated 04/14/2014
- Alternate CSF #2 dated 04/14/2014

If you have any questions, please contact Beth Benbow at (703) 703-347-8072 or [Benbow.bethany@epa.gov](mailto:Benbow.bethany@epa.gov).

Sincerely,

A handwritten signature in black ink that reads "Kathryn V. Montague". The signature is written in a cursive style with a long, sweeping horizontal line extending from the end of the name.

Kathryn V. Montague, Product Manager 23  
Herbicide Branch  
Registration Division (7505P)  
Office of Pesticide Programs

Attachment

# Weed<sup>2</sup> & Feed Mulch

## For Residential Outdoor Use Only

- [Ready-To-Use
- Premium Quality Mulch with Pre-Emergence Herbicide
- This mulch contains only natural forest products and contains no recycled waste wood.
- Controls Broadleaf Weeds and Grasses in Flower & Ornamental Beds
- Provides Increased Weed Control vs. Ordinary Mulches
- Controls Listed Weeds & Grasses for up to 6 Months
- Protects Plants from Extreme Temperatures
- Helps Retain Soil Moisture
- Covers 6 [9, 12] square feet]

### Active Ingredients:

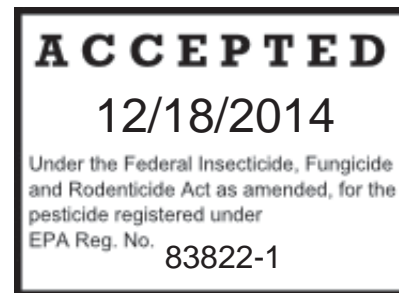
Isoxaben .....	0.0005%
Dithiopyr .....	0.0002%
<b>Other Ingredients:</b> .....	<u>99.9993%</u>
Total .....	100.0000%

### Guaranteed Fertilizer Analysis:

{Insert N-P-K Ratio}

[[Insert FL fertilizer license No.]]

Total Nitrogen (N)	X.X%
x.x % nitrate nitrogen	
x.x% water soluble nitrogen*	
x.x% water insoluble nitrogen	
Available phosphate (P <sub>2</sub> O <sub>5</sub> )	X.X%
Soluble Potash (K <sub>2</sub> O)	X.X%



Derived from ammonium sulfate.

\*Contains x.x% slowly available nitrogen from ammonium sulfate

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

See side [back] panel for additional precautionary statements.

READ ENTIRE LABEL BEFORE USING THIS PRODUCT.

**Mulch Manufacturing, Inc.**  
6747 Taylor Road Southwest  
Reynoldsburg, OH 43068

EPA Reg. No. 83822-

EPA Est. No.

Net Wt. xx lbs.

Net Contents: 1 CF [1.5 CF or 2 CF]

<b>FIRST AID</b>	
<b>If Swallowed</b>	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<b>If on Skin or Clothing</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Immediately rinse skin with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If in Eyes</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If Inhaled</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.	

### **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**

The active ingredients in this product are highly toxic to fish and other aquatic organisms including oysters and shrimp. Use with care when applying to areas adjacent to any body of water. Run-off from treated area may adversely affect aquatic organisms in adjacent aquatic sites. Do not apply directly to water. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

### **DIRECTIONS FOR USE**

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

#### **Use Restrictions:**

- Wear gloves when handling.
- Do not apply near fish pools, ponds, streams or lakes.
- Do not apply around food producing fruit or nut trees, vegetables, herbs or other edible food plants. For use ONLY on ornamental species.
- Use only on established ornamental plants.
- Do not apply over flower seeds.
- Do not use around ornamental plants that have been weakened by stress (such as weather, disease, pesticide injury or insects/nematodes).

[Not for Sale or Distribution in New York State.]

Do not apply this mulch around the following plant species or injury may result:

Acanthus, oak leaf	Cranesbill, ballerina	Phlox, summer
Baby's breath, white festival	Foxglove	Rhododendron (Carolina, Roseum elegans)
Bleeding heart, luxuriant	Hydrangea	Sandwort, mountain
Bugle	Juniper, Prince of Wales	Spurge
Burning bush, dwarf	Lingwort, Bertram	Stonecrop
Cajeput tree	Anderson	Yucca, green
Candytuft	Mustard	
Coneflower, purple	Periwinkle, wine	

**WHEN TO USE:** For best results, remove all weeds in the beds prior to applying. Apply in the Spring or Fall when landscaping. Wait at least 12 weeks before making a repeat application.

**HOW MUCH TO USE:** Spread this product to a depth of 2 inches. One cubic foot of this product will cover 6 square feet. Make no more than 2 applications per site per year.

**Weeds Prevented [Controlled]:**

Aster	Hairy galinsoga	Pineappleweed
Barley, hare	Carolina geranium	Plantain
Barnyardgrass	Goosefoot, nettleleaf	Pokeweed
Bindweed, field	Goosegrass	Prostrate Spurge
Bittercress	Groundsel	Purslane
Bluegrass, annual	Henbit	Pusley, Florida
Brassbuttons, southern	Horseweed	Radish, wild
Bromegrass	Jimsonweed	Ragweed
Burclover, California	Johnsongrass (seedling)	Rocket, London
Bursage, annual	Jungle rice	Rockpurslane
Buttercup oxalis	Kikuyugrass (seedling)	Ryegrass, annual
Carpetweed	Knotweed	Ryegrass, perennial
Carrot, wild	Kochia	Sandbur, field
Celery, wild	Ladysthumb	Shattercane
Chamberbitter	Lambsquarter	Shepherdspurse
Cheat	Lanceleaf groundcherry	Sibara
Chickweed	Lespedeza, common	Sida, prickly
Clover, white	Lettuce, prickly	Signalgrass
Corn Speedwell	Lovegrass	Smartweed, Pennsylvania
Crabgrass	Mallow	Smutgrass
Creeping oxalis	Marestail	Sorrel, red
Crowsfootgrass	Mayweed	Sowthistle
Cudweed, purple	Medic, black	Speedwell
Cupgrass, Southwestern	Milkweed, honeyvine	Spotted spurge
Dandelion	Morningglory	Sprangletop, Mexican
Datura	Mustard	Spurge
Dock, common	Nettle	Stinkgrass
Dogfennel	Nightshade, black	Sunflower
Elipta	Oat, wild	Sweetclover
Eveningprimrose	Oxtongue, bristly	Swinecress
Fescue, rattail	Panicum	Tansymustard
Fiddleneck, coast	Parsley-piert	Telegraphplant
Filaree	Pennywort	Thistle
Fireweed	Pepperweed, Virginia	Turkey Mullein
Fleabane	Phyllanthus, long-stalk	Velvetleaf
Foxtail, green	Pigweed	Willoweed, panicle
Foxtail, yellow	Pimpernel, scarlet	Witchgrass
		Woodsorrel

**WHERE TO USE:** This product may be applied to areas around the following plants, shrubs and trees.

**Ornamentals (flowers, groundcovers, grasses):**

Amaryllis	Horsetail, dwarf
Angel's hair	Hosta, albo-marginata
Astilbe, Deutschland	Hyacinth
Aster	Iceplant
Banana, Red Abyssinian	Iris
Bee balm	Ivy
Begonia	Jasmine
Bidens, Peter's Gold	Licorice plant, white
Blackeyed Susan	Lily
Blanket flower	Lily turf
Busy Lizzie	Lily-of-the-Nile
Cape weed	Lisianthus, pink
Carex, variegated	Lobelia
Chrysanthemum	Loosestrife, dotted
Clematis, Blue bell	Marigold, little hero
Coral bells	Mexican hat
Coreeopsis, threadleaf	Narcissus
Cranesbill	Palace purple
Creep, Virginia	Penstemon
Daffodil	Periwinkle
Dahlia, dwarf wendy pink	Petunias, garden
Daisy	Plumbago, dwarf
Daylily	Primrose
Descampsia	Rosemary
Dianthus	Ruella, dwarf Katie
Dusty miller	Sage
Euryops, dwarf	Snapdragon
Fern	Snow in summer
Fescue, blue	Spurge, Japanese
Fuschia, Santa Claus	St. Johnswort
Garlic, sociaty	Star cluster
Gay feather	Statice
Gazania	Stock
Geranium	Stonecrop ( <i>sedum</i> )
Gladiolus (corms more than 1" diameter)	Sweet alyssum
Grass (beech, crimson fountain, dwarf Umbrella, eulalia, fountain, mondo, pampas, ribbon)	Teatree, broom
Guara	Tulip
Hakonechloa, golden	Verbena, St. Paul
Heather	Wallflower
Honeysuckle, Japanese	Yarrow, common
	Yucca, red
	Zinnia, dwarf

**Trees:**

Ash, Shamel  
Birch  
Bottle tree  
Carrot wood  
Cherry, Yoshino flowering  
Coolibah tree  
Cottonwood  
Cryptomeria, Japanese  
Cypress  
Dogwood  
Elm, Chinese  
Eucalyptus  
Ficus  
Ficus-mini  
Fir  
Florida anise tree  
Ginkgo  
Hawthorn, green  
Hemlock, Eastern  
Locust  
Magnolia, Southern  
Mesquite, Chilean

Mahogany  
Maple  
Mesquite, Chilean  
Mulberry, white  
Oak  
Palm  
Pine  
Podocarpus  
Redbud  
Redcedar, Easter  
Sequoia, giant  
Sourwood  
Spruce  
Sweetgum, American  
Strawberry, gilt edge  
Sycamore  
Tab, yellow  
Toyon  
Tree fern  
Willow

**Trees (non-bearing Fruit & Nut Trees):**

Almond  
Apple  
Apricot  
Avacodo  
Banana  
Blackberry  
Blueberry  
Boysenberry  
Carob  
Cherry (sour, sweet)  
Currant  
Dewberry

Elderberry  
Fig  
Filbert  
Gooseberry  
Grape (American, European)  
Grapefruit  
Kiwi  
Lemon  
Loganberry  
Macadamia nut  
Nectarine

Olive  
Orange  
Peach  
Pear  
Pecan  
Pistachio  
Plum  
Pomegranate  
Prune  
Raspberry  
Walnut



**Shrubs:**

Abelia	Heather	Rhaphiolepis
Acacia	Hibiscus	Rhododendron
Almond, dwarf pink flowering	Holly	Rose, Ramanas
Aptenia, red apple	Honeysuckle	Rose of Sharon
Aralia, Japanese	Hopseed bush	Silver berry, fruitland
Arborvitae	Ixora	Skimmia
Azalea	Jessamine, Carolina	Smoke Tree
Bamboo	Juniper	Spiraea
Barberry	Lantana	Spurge, Japanese
Bluebeard, dark knight	Laurel, Mountain	Sumac, African
Bottlebrush	Lavander	Summersweet
Bougainvillea	Leaf	Sweet pea shrub
Boxwood	Leucothoe	Sweetspire, Henry Garnet holly leaf
Brush cherry, dwarf	Lilac	Tea tree, New Zealand
Camellia	Lily-of the-Nile, Queen Anne	Ternstroemia, Japanese
Cassia, feathery	Lily-of-the-Valley	Viburnum
Century plant	Mahonia	Wayfaring tree
Cinquefoil (Potentilla)	Mallow, cape	Weigela
Cleyera, Japanese	Maple	Wintercreeper, bigleaf
Cotoneaster	Marguerite, blue	Woadwaxen
Coyotebush	Marlberry, chirimen	Woodbine
Cranberry bush	Morning glory, bush	Xylosma
Cranberry bush, dwarf	Myrtle	Yew
Cypress	Nightshade, Paraguay	Yewpine
Daphne, fragrant	Oleander	Yucca
Deutzia, nakiana-dwarf	Osmanthus, fortunes	
Dogwood	Palm	
Euonymus	Photinia, Fraser's	
Euryops, dwarf	Pine, mugo-mugho	
Fern	Pink breath of heaven	
Forsythia	Pittosporum	
Fringe flower	Plumbago	
Gardenia	Privet (Ligustrum)	
Gracilis, slender	Pyracantha	

**Storage & Disposal**

**Pesticide Storage:** Store in a cool, dry place away from children and animals.

**Pesticide Disposal & Container Handling:** Non-refillable container. Do not reuse or refill this bag. **If Empty:** Place in trash or offer for recycling if available. **If Party Filled:** Call your local solid waste agency for disposal instructions.

**IMPORTANT: READ BEFORE USE**

To the extent consistent with applicable law, seller makes no warranty, express or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use or handling is contrary to label instructions.