

69361-2

12/15/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

DEC 15 2009

12-15-09

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

N. Bhushan Mandava  
Mandava Associates, LLC  
1050 Connecticut Avenue, N.W., Suite 1000  
Washington, DC 20036

Subject: Registration Amendment-Change in Active Ingredient  
Product Name: Repar Weed and Feed  
EPA Reg. No. 69361-2  
Application dated: July 27, 2009

Dear Mr. Mandava

The basic formulation amendment of the product referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable. The basic CSF dated 11/19/09 will supercede all previously accepted basic CSF's and will be added to your file.

The labeling for this product, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable, provided you make the following changes before you release the product for shipment.

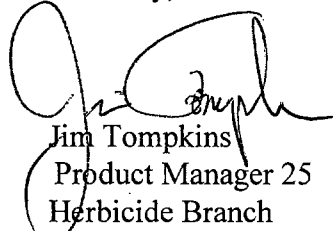
- a. Revise "Inert Ingredients" to "Other Ingredients" in the ingredient statement.
- b. Revise the Warranty/Liability disclaimer so that the text, "To the extent consistent with applicable law" precedes the following sentences:
  1. "Manufacturer makes NO OTHER EXPRESS OR IMPLIED WARRANTY..."
  2. "Manufacturer DISCLAIMS ANY LIABILITY FOR COMPENSATORY OR..."Replace "Where permissible," with "To the extent consistent with applicable law,"
- c. Revise the Storage and Disposal section to comply with the container disposal and residue removal instruction of PR Notice 2007-4.

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Amended Basic CSF and label

A stamped copy of your labeling is enclosed for your records. You must submit one (1) copy of the final printed label before you release the product for shipment. Products shipped after the next printing must bear the new revised label. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions. Amended labeling will supercede all previously accepted ones.

Sincerely,



Jim Tompkins  
Product Manager 25  
Herbicide Branch  
Registration Division (7505P)

DEC 15 2009

Net.Wt. 17.5 Lbs. (7.93 kg)  
Treats Up To 5,000 Sq. Ft.

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

# REPAR WEED & FEED

69361-2

Unique mode of weed killing action.

- Contains no 2, 4D or related herbicides (see back panel).
- Recommended for use on warm and cool season turf types as listed.
- Controls dandelions, clover, dollarweed, chickweed and 200 common lawn weeds (as listed).
- For a thick green weed free lawn.

**ACTIVE INGREDIENTS:**

Chlorfloreol	
Methyl 2-chloro-9-hydroxyfluorene-9-carboxylate	0.48%
Methyl 2,7-dichloro-9-hydroxyfluorene-9-carboxylate	0.12%
Methyl 9-hydroxyfluorene-9-carboxylate	0.09%
Dicamba Acid	0.11%
Related Acids of Dicamba	0.02%
<b>INERT INGREDIENTS:</b>	<b>99.18%</b>
Total	100.00%

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EPA Est. No.-

**GUARANTEED ANALYSIS**

Total Nitrogen (N)	28.00%
1.17% Ammoniacal Nitrogen	
26.83% Urea Nitrogen*	
Available Phosphate (P2O5)	3.00%
Soluble Potash (K2O)	3.00%
Sulfur (S)	2.68%
3.60% Free Sulfur (S)	
Plant nutrients derived from ammonium phosphate, urea, muriate of potash and polymer coated sulfur coated urea.	
*8.90% Slowly Available Urea Nitrogen from Polymer Coated Sulfur Coated Urea	
Chlorine (Cl) Max	2.50%

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Harmful if swallowed or absorbed through skin. Avoid contact with eyes, skin or clothing. Wear goggles, face shield or safety glasses and protective gloves when handling.

**FIRST AID**

**IF IN EYES:** 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 treatment advice.

**IF ON SKIN:** 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 SWALLOWED:** 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 by a poison control center or doctor.

SEE REVERSE SIDE FOR ADDITIONAL INFORMATION

**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 thoroughly and put on clean clothing
- 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.

**ENVIRONMENTAL HAZARDS**

Do not apply to any body of water or wetlands, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from target area. Do not contaminate water by cleaning of equipment or disposal of waste. Do not contaminate water when disposing of equipment washwaters. Do not contaminate domestic or Irrigation waters.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product through any irrigation system.

**WEED CONTROL**

Repar Weed and Feed controls a wide range of annual, biennial, perennial and woody weeds including:

**GENERAL WEED LIST**

**Annuals**

Amaranth, Spiny (Spiny Pigweed)	Goosefoot, Nettleleaf Henbil	Pennycress, Field (Fanweed, Frenchweed, Stinkweed)	Senna, Coffee Sesbania, Hemp Shephardspur Sicklepod
Aster, Slender	Jimsonweed	Pepperweed, Virginia (Peppergrass)	Sida, Prickly (Teaweed)
Bedstraw	Knotweed	Pigweed, Prostrate	Smartweed, Green
Beggarweed, Florida	Kochia	P weed, Redroot (Carelessweed)	Smartweed, Pennsylvania
Broomweed, Common	Kochia (triazine resistant)	Pigweed, Rough (Carelessweed)	Sneezeweed, Bitter
Buckwheat, Wild	Ladysthumb	Pigweed, Rough (Carelessweed)	Sowthistle, Annual
Buffalobur	Lambsquarters, Common	Pigweed, Rough (triazine resistant)	Sowthistle, Spiny
Burclover, California	Lambsquarters, (triazine resistant)	Pigweed, Tumble	Spanishreedles
Burcucumber	Lettuce, Prickly	Poorjoe	Spikeweed, Common
Buttercup, Roughseed	Mallow, Common	Puncturevine	Spurge
Carpetweed	Mallow, Venice	Purslane, Common	Spurr, Corn
Catchfly, Nightflowering	Mareslail	Pusley, Florida	Starbur, Bristly
Chamomile, Corn	(Horseweed)	Radish, Wild	Stumpweed, Rough
Chickweed, Common	Medic, Black	Ragweed, Common	Sunflower, Common
Clovers, Annual	Morningglory, Ivyleaf	Ragweed, Giant (Buffaloweed)	(Wild)
Cockle, Corn	Morningglory, Tall	Ragweed, Lance-Leaf	Sunflower, Volunteer
Cockle, Cow	Mustard, Tansy	Rubberweed, Bitter (Bitterweed)	Thistle, Russian
Cocklebur, Common	Mustard, Wild		Velvetleaf
Croton, Tropic	Cutleaf		Waterhemp
Croton, Woolly	Fleabane, Annual		Waterprimrose, Winged
Daisy, English			Wormwood, Annual
Eveningprimrose,			
Cutleaf			
Fleabane, Annual			

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## Biennials

Burdock, Common	Geranium	Plantain, Bracted
Carrot, Wild (Queen Anne's Lace)	Gromwell	Ragwort, Tansy
Cockle, White	Knapweed, Diffuse	Starthistle, Yellow
Eveningprimrose, Common	Knapweed, Spotted	Sweetclover
	Mallow, Dwarf	Teasel

## Perennials

Alfalfa*	Clover, Hop*	Milkweed, Climbing	Sowthistle, Perennial
Artichoke, Jerusalem	Dandelion, Common*	Milkweed, Common	Spurge, Leafy
Aster, Spiny	Dock, Broadleaf*	Milkweed, Honeyvine	Sundrop, Halfrub
Aster, Whitehead	(Bitterdock)	Milkweed, Western	(Eveningprimrose)
Bedstraw, Smooth	Dock, Curly*	Whorled	Thistle, Canada
Bindweed, Field	Dogbane, Hemp	Nettle, Stinging	Toadflax Dalmation
Bindweed, Hedge	Dogfennel*	Nightshade, Silverleaf	Tropical Soda Apple
Bindweed, Texas	(Cypressweed)	(White Horsenettle)	Trumpet creeper
Bursage*	Fern, Bracken	Onion, Wild	(Buckvine)
(Bur Ragweed, Lakeweed, Povertyweed)	Garlic, Wild	Plantain, Broadleaf*	Vetch
Bursage, Woolyleaf (Lakeweed)	Goldenron, Canada	Plantain, Buckhorn	Violet, Wild
Buttercup, tall	Goldenrod, Missouri	Pokeweed	Waterhemlock
Campion, Bladder	Goldenweed, Common	Ragweed, Western	Waterprimrose
Chickweed, Field	Hawkweed	Senecia Lespedeza	Creeping
Chickweed, Mouseear (Canada)	Henbane, Black	Redvine	Woodsorrel, Creeping*
Chicory	Horsenettle, Carolina	Smartweed, Swamp	(Common Yellow)
	Ironweed	Snakeweed, Broom	Wormwood, Common
	Ivy, Ground	Sorrel, Red*	Wormwood, Louisiana
	Knapweed, Black	(Sheep Sorrel)	Yankeweed*
	Knapweed, Russian	Sowthistle	Yarrow, Common

\* Noted perennials may be controlled using Repair Weed and Feed at rates lower than those recommended for other listed perennial weeds.

## Woody

Ailanthus	Ivy, Poison	Kudzu	Sagebrush, Fringe
Sassfras	Gallberry	Serviceberry	Wild Grape
Oak, Poison	Sumac	Brazilian Pepper	Tarbrush
Honeysuckle	Hombbeam	Witchhazel	Huckleberry
Huisache			

For Use of ALL Established Turfs, including sensitive species such as Centipede and St. Augustine, except Desirable Clovers, Bent, Dichondra and Carpet Grass.

EFFECTIVE APPLICATION OF REPAIR WEED AND FEED FOR MOST WEED LEAVES SHOULD BE DAMP FROM RAIN, DEW OR SPRINKLING TO ALLOW THE PRODUCT TO STICK TO THE LEAF. A LACK OF MOISTURE ON THE WEED LEAVES WILL REDUCE WEED CONTROL.

### WHAT TO LOOK FOR:

Because Repair Weed and Feed contains no 2,4-D or related herbicides, symptoms of weed killing action may not be the same as those shown by 2,4-D type products. Repair Weed and Feed, properly applied, first reduces or eliminates the formation of most flower heads and the seeds they produce and then attacks and removes the mature weed itself. Look for an absence or stunting of seed heads in flowering weeds such as clover or dandelions. Some weeds may also show twisting stems and dwarfed appearance with curling of the leaves.

Repair Weed and Feed is designed with an excellent turf nutrient diet to allow grass plants to gradually fill in the areas around dying weeds. This allows for a more natural recovery of the turf and minimizes reinfestations of bare areas by wind-borne weed seeds. Applied as directed, the rich green color will not be affected.

UNDER NORMAL GROWING CONDITIONS, WEED KILL SHOULD BE COMPLETE WITHIN 21 TO 35 DAYS

## SPREADER SETTINGS

Spreader	Rate: 3.5#/M	Pattern Setting	Width
Earthway Broadcast	11	-	8
Lely	4 1/2	III - B	42
Lesco Broadcast	D 1/2	0.0	11
Prizelawn Broadcast	4 1/4	A	7
Scotts Broadcast	1	5	10
Spyker	3	-	9
Vicon	29	-	4
Cyclone Broadcast	3 1/4	-	5

**Important:** These are approximate settings. Age and condition of your spreader can cause wide variation. Be sure to calibrate your spreader with each application.

### WHEN TO APPLY:

Apply any time weeds are actively growing and temperature is above 60°F. Do not apply when turf is under stress from heat, excessive moisture or drought. Control is quicker and more complete if applied in Spring prior to weed flower formation. Control is slower if applied when weather is cool. On new seeded areas, wait until grass has been cut two or three times before using. Delay planting new grass for at least three weeks as the active ingredients may temporarily inhibit seed germination.

### HOW TO APPLY:

EFFECTIVE APPLICATION OF REPAIR WEED AND FEED REQUIRES THE WEED LEAVES TO BE DAMP FROM RAIN, DEW OR SPRINKLING PRIOR TO APPLICATION. A LACK OF MOISTURE ON THE WEED LEAVES WILL REDUCE WEED CONTROL. Apply evenly over the entire lawn at the rate of 3.5 lbs./1,000 sq. ft. Rain or heavy sprinkling with 24 hours of application will temporarily delay weed control. Mowing within 24 hours may reduce effectiveness. Wait at least 4 weeks before making a second application.

Use the suggested spreader settings as a guide being sure to check your spreader at the beginning of the application. Adjust your spreader if necessary. Be sure to shut off spreader while turning or stopping to prevent accidental over application and burning of grass. **SPECIAL NOTE:** Repair Weed And Feed is designed to be absorbed by plant leaves. Accidental application of this product to the foliage of ornamentals such as roses may result in the loss of flowers. For this reason, extra care should be taken when using a broadcast or rotary type spreader.

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. **STORAGE:** Store in original container in a locked storage area. Keep container closed and away from food, feedstuffs and domestic water supplies.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixtures 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:** Securely wrap original container in several layers of newspaper and discard in trash. Do not reuse bag. Discard bag in trash.

### IMPORTANT: READ BEFORE USE:

Read the entire Directions for Use and the Warranty Disclaimer and Limitation 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 Warranty Disclaimer and Limitation of Liability:

### WARRANTY DISCLAIMER and LIMITATION of LIABILITY

Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions. Manufacturer makes NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Where permissible, it is Manufacturer's intent to LIMIT ANY LIABILITY FOR SPECIAL, CONSEQUENTIAL OR INCIDENTAL ECONOMIC DAMAGES to refund of purchase price or replacement of product, at Buyer's choice. Manufacturer DISCLAIMS ANY LIABILITY FOR COMPENSATORY OR OTHER DAMAGES ARISING OUT OF ANY USE CONTRARY TO LABEL DIRECTIONS. Use contrary to label directions is not permitted.

### LEGAL RIGHTS:

THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS: YOU MAY HAVE OTHER RIGHTS THAT VARY FROM STATE JURISDICTION TO STATE JURISDICTION.

Manufactured for:  
Repair Corporation, P.O. Box 4321  
Silver Spring, Maryland 20914

b/h