



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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Gregory Mattern  
Bayer CropScience  
P.O. Box 12014  
2 T.W. Alexander Dr.  
Research Triangle Park, NC 27709

JAN 15 2009

Subject: Label Amendment – Change Signal Word and Precautionary Statements  
Lawn Herbicide 3D Concentrate  
EPA Reg. No. 72155-5  
Application Dated August 26, 2008

Dear Mr. Mattern:

The labeling referred to above, 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.

1. Remove, modify, or submit efficacy studies to substantiate the following claims, as they are overly broad:
  - a. "Kills even tough weeds – Root & all"
  - b. "Kills **over** 200 types of weeds"
  - c. "Kills 200 + Weeds"
2. List the maximum seasonal and application rates in amount of product per acre or per square feet, in addition to lbs ae/acre.
3. Add the restriction statement "Do not contaminate water, food, or feed by storage and disposal." directly under the Storage and Disposal heading.
4. Revise the heading "Storage Conditions" to "Pesticide Storage".
5. Revise the heading "Disposal" to "Pesticide and Container Disposal", and update the text in accordance with PR Notice 2007-4.

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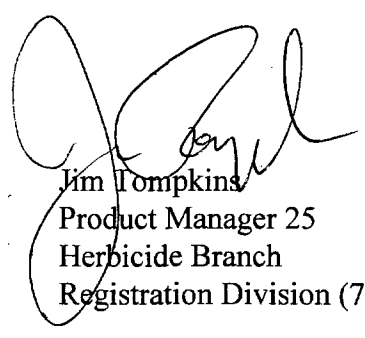
Upon review, the acute toxicity profile for this product is currently:

Acute Oral	III
Acute Dermal	IV
Acute Inhalation	IV
Primary Eye	III
Primary Dermal	III
Skin Sensitization	Non-sensitizer

Please note that this supercedes the Agency's letter dated December 31, 2008.

Submit one (1) copy of final printed labeling incorporating the above changes before you release the product for shipment. Amended labeling will supercede all previously accepted ones. A stamped copy of labeling is enclosed for your records.

Sincerely,



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

(FRONT PANEL)

# Lawn Herbicide 3D Concentrate

- Kills listed weeds
- Kills hard-to-control [tough] weeds
- Won't harm lawns†
- Kills the weeds, not the lawn†
- All-in-one lawn weed killer
- Kills to the root
- Kills over 200 types of weeds
- Kills 200 + Weeds
- Systemic
- 1 Quart treats up to 10,667 square feet
- Convenient MEASURE-UP CUP™
- Kills both broadleaf and grassy weeds
- Kills dandelion, crabgrass, clover, plus 200 other weeds
- Kills broadleaf and grassy weeds in one step
- Kills dandelion, clover & nutgrass
- Won't Harm Your Lawn
- Won't Harm Lawns†
- Kills lawn weeds plus crabgrass in one step
- Rainproof in hours
- 2 Types of Weeds One Solution
- 100% Satisfaction Guaranteed\* (or your money back).
- Kills even tough weeds – Root & all
- Rainproof in 1 hour
- Kills [Nutgrass][Nutsedge] Too!
- Plus Kills [Nutgrass][Nutsedge]

ACCEPTED  
with COMMENTS  
in EPA Letter Dated  
JAN 15 2009

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

72155-5

**ACTIVE INGREDIENTS:**

Monosodium acid methanearsonate .....	9.81 %
2,4-D, dimethylamine salt .....	3.18 %
Mecoprop-p, dimethylamine salt .....	1.60 %
Dicamba, dimethylamine salt .....	0.79 %

**OTHER INGREDIENTS:** ..... 84.62 %

**Total:**..... 100 %

This product contains:

- Total Arsenic (as elemental) all in water soluble form 4.54 %
- 2.64% ..... 2,4-D acid equivalent
- 1.32% ..... Mecoprop-p acid equivalent
- 0.66% ..... Dicamba acid equivalent
- Isomer Specific by AOAC Method

**Net Contents:** 16 fl. oz. (473 mL) or 24 fl. oz. (709 mL) or 32 fl. oz. (946 mL) or 1 Gal. (3.78 L)


**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

See Back Panel Booklet for Additional Ingredients and Precautionary Statements

(BACK PANEL)

Lawn Herbicide 3D Concentrate kills both broadleaf and grassy weeds in one step. This convenient formula kills Dandelion, Chickweeds, Clovers, Crabgrass and Nutgrass/Nutsedge without harming your lawn. Controlling weeds in your lawn has never been easier.

**READ THE LABEL FIRST!**

<b>QUICK FACTS</b>	
<ul style="list-style-type: none"> <li>• Kills Broadleaf AND Grassy Weeds in One Step</li> <li>• Won't Harm Your Lawn†</li> <li>• Treats Up To 10,667 Sq. Ft. (1 Qt.)</li> </ul>	
<b>KILLS</b>	<b>Broadleaf Weeds:</b> Dandelion, Chickweed, and Clovers <b>Grassy Weeds:</b> Crabgrass, Nutgrass/Nutsedge <b>AND over 200 other listed broadleaf and grassy weeds</b>
<b>WHERE TO USE</b>	<b>On Lawns</b> † (Do not use on St. Augustinegrass (including Floratam), Bahiagrass, Bentgrass, Carpetgrass, Centipede or Dichondra.)
<b>WHEN TO USE</b>	When weeds are actively growing
<b>HOW MUCH TO USE</b>	<u>Northern Lawns:</u> <ul style="list-style-type: none"> <li>• <b>Fescue</b> 1-1/2 fl. oz. per 500 sq. ft.</li> <li>• <b>Buffalograss, Kentucky Bluegrass, Perennial Ryegrass</b> 2-1/2 fl. oz. per 500 sq. ft.</li> </ul> <u>Southern Lawns:</u> <ul style="list-style-type: none"> <li>• <b>Bermuda, Zoysia</b> 3-1/2 fl. oz. per 500 sq. ft.</li> </ul>
	For questions or comments, call toll-free 1-877 BayerAL or visit us on-line at <a href="http://www.BayerAdvanced.com">www.BayerAdvanced.com</a> .

**FOR OUTDOOR RESIDENTIAL USE ONLY**

**ACTIVE INGREDIENTS:**

Monosodium acid methanearsonate.....	9.81 %
2,4-D, dimethylamine salt.....	3.18 %
Mecoprop-p, dimethylamine salt.....	1.60 %
Dicamba, dimethylamine salt.....	0.79 %

<b>OTHER INGREDIENTS*:</b> .....	<u>84.62 %</u>
<b>TOTAL</b> .....	<b>100.00 %</b>

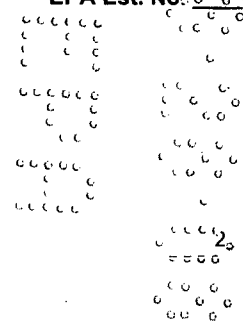
\* Other ingredients include: Water, suspending aids (to keep the active ingredients dispersed in water), surfactants (to keep the active ingredients dispersed in water), preservative and antifoam.

This product contains:

Total Arsenic (as elemental) all in water soluble form 4.54 %  
 2.64% ..... 2,4-D acid equivalent  
 1.32% ..... Mecoprop-p acid equivalent  
 0.66% ..... Dicamba acid equivalent  
 Isomer Specific by AOAC Method

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**DIRECTIONS FOR USE**

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

For best results, read and follow all label directions.

**BEFORE YOU USE**

Read and follow directions when using.

- 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 apply near lakes, streams, rivers or ponds.
- Do not use more product than specified on the label.
- This product utilizes the MEASURE-UP CUP™, a bottle cap that acts as a measuring cup. Use only with this product. Do not use for other purposes.
- Do not apply when the lawn is under severe stress from drought, insect attack or high temperatures.
- Spray when most of the day is expected to remain cooler than;
  - 85° F. – Northern Lawns
  - 90° F. – Southern Lawns
- Avoid drift of spray mist onto vegetables, flowers, ornamental plants, shrubs, trees and other desirable plants. Do not apply in windy conditions.
- Newly seeded lawns may be treated after the fourth mowing.
- The maximum seasonal rate is 3.0 lbs ae/acre, excluding spot treatments. Do not apply more than 1.5 lbs ae/acre per application, limited to 2 applications per year.
- Do not use this product on or near desirable plants, including within the dripline of the roots of desirable trees and shrubs, since injury may result.
- Do not apply with hose-end sprayer.

**HOW TO USE**

Shake Well Before Use

- Determine amount of product to use based on grass type and size of area to be treated.
- Prepare product for use according to How To Apply.
- Apply to lawn.

**HOW MUCH TO APPLY**

Northern Lawns:

- **Fescue**  
1-1/2 fl. oz. (3 Tbs.) per gallon of water
- **Buffalograss, Kentucky Bluegrass, Perennial Ryegrass**  
2-1/2 fl. oz. (5 Tbs.) per gallon of water

Southern Lawns:

- **Bermuda, Zoysia**  
3-1/2 fl. oz. (7 Tbs.) per gallon of water

For lawns with mixed grass types, use the lowest rate.

Each gallon of solution treats 500 sq. ft.

**TIP:** Measure length and width of area to be treated in feet. Multiply these 2 numbers together. This is the area to be treated in square feet (sq. ft.)

**HOW TO APPLY**

**PUMP-STYLE TANK SPRAYERS**

1. Add the appropriate amounts of water and concentrate to the sprayer tank.
2. Close sprayer, shake well and pressurize.
3. Adjust nozzle to a coarse spray pattern.
4. Large areas – Apply evenly over area.  
Individual weeds – Hold tip of wand 12 inches from weed, aim at center of weed and spray.
5. Occasionally re-pressurize the sprayer if needed to maintain a good spray pattern.

**FOR BEST RESULTS**

- Apply when weeds are young and actively growing.
- If the lawn is dry, water 24 hours before using this product.
- Rain or watering 6 to 8 hours after application will not wash away effectiveness.
- Apply 1 to 3 days after mowing
- Certain hard-to-kill weeds may need to be spot-treated in 14 days.
- Bare spots may be seeded 3 to 4 weeks after application.
- Do not apply to new lawns until the grass has reached a height of at least 2 inches.

**HOW LAWN HERBICIDE 3D CONCENTRATE WORKS**

LAWN HERBICIDE 3D CONCENTRATE is a *selective* herbicide – it *selectively* kills weeds in the lawn but won't harm the lawn itself. It is a blend of proven weed killers designed to get broadleaf weeds such as dandelion, clover and chickweed and grassy weeds such as crabgrass and nutgrass/nutsedge.

<b>CONTROLS [KILLS]</b>	Annual yellow sweetclover	Common mullein	hawkweed	Speedwell
	Aster	Crabgrass	Mugwort	Spiny amaranth
	Austrian fieldcress	Creeping charlie	Musk thistle	Spiny cocklebur
	Barnyardgrass	Creeping jenny	Mustard	Spiny sowthistle
	Bedstraw	Cudweed	Narrowleaf plantain	Spotted catsear
	Beggarticks	Curly dock	Narrowleaf vetch	Spotted spurge
	Betony, Florida	Daisy, English	Nettle	Spurweed
	Bindweed, field	Daisy, fleabane	Nutgrass/nutsedge	Stinging nettle
	Bird vetch	Daisy, oxeye	Orange hawkweed	Strawberry, India mock
	Bitter wintercress	Dallisgrass	Oriental cocklebur	Tall nettle
	Bittercress, hairy	Dandelion	Oxalis	Tall vervain
	Bitterweed	Dichondra	Parsley-piert	Tansy mustard
	Black-eyed Susan	Dogbane	Parsnip	Tansy ragwort
	Black medic	Dogfennel	Pearlwort	Tanweed
	Black mustard	Dollarweed	Pennycress	Thistle
	Blackseed plantain	Elderberry	Pennywort	Trailing crownvetch
	Blessed thistle	False dandelion	Peppergrass	Tumble mustard
	Bloodflower milkweed	False flax	Pepperweed	Tumble pigweed
	Blue lettuce	False sunflower	Pigweed	Velvetleaf
	Blue vervain	Fiddleneck	Pineywoods bedstraw	Venice mallow
	Bracted plantain	Florida pusley	Plains coreopsis (tickseed)	Virginia buttonweed
	Brassbuttons	Foxtail	Plantain	Virginia creeper
	Bristly oxtongue	Frenchweed	Poison ivy	Virginia pepperweed
	Broadleaf dock	Galinsoga	Poison oak	Water pennywort
	Broadleaf plantain	Goathead	Pokeweed	Wavyleaf bullthistle
	Broomweed	Goldenrod	Poorjoe	Western clematis
	Buckhorn	Goosegrass	Prairie sunflower	Western salsify
	Buckhorn plantain	Ground ivy	Prickly lettuce	White mustard
	Bulbous buttercup	Gumweed	Prickly sida	Wild aster
	Bull thistle	Hairy fleabane	Prostrate knotweed	Wild buckwheat
	Bullnettle	Hawkweed	Prostrate pigweed	Wild carrot
	Burclover	Healall	Prostrate spurge	Wild four-o'clock
	Burdock	Heartleaf drymary	Prostrate vervain	Wild garlic
	Burning nettle	Heath aster	Puncturevine	Wild geranium
	Burweed	Hedge bindweed	Purslane, common	Wild lettuce
	Buttercup	Hedge mustard	Ragweed	Wild marigold
	Buttonweed	Hemp	Red sorrel	Wild mustard
	Canada thistle	Henbit	Redroot pigweed	Wild onion
	Carolina geranium	Hoary cress	Redstem filaree	Wild parsnip
	Carpetweed	Hoary plantain	Rough cinquefoil	Wild radish
	Catchweed bedstraw	Hoary vervain	Rough fleabane	Wild rape
	Catnip	Horsenettle	Russian pigweed	Wild strawberry
	Catsear	Jimsonweed	Russian thistle	Wild sweet potato
	Chickweed, common	Johnsongrass	Sandbur	Wild vetch
	Chickweed, mouseear	Knawel	Scarlet pimpernel	Woodsorrel
Chicory	Knotweed	Scotch thistle	Woolly croton	
Cinquefoil	Kochia	Sheep sorrel	Woolly morning Glory	
Clover, crimson	Lambsquarters	Shepherdspurse	Woolly plantain	
Clover, hop	Lespedeza	Slender plantain	Wormseed	
Clover, red	Mallow	Smallflower galinsoga	Yarrow	
Clover, strawberry	Matchweed	Smooth dock	Yellow rocket	
Clover, sweet	Mexicanweed	Smooth pigweed	Yellowflower pepperweed and other broadleaf weeds	
Clover, white	Milk vetch	Sorrel		
Cockle	Morning Glory	Sowthistle		
Cocklebur	Mouseear	Spanishneedles		

	Do not allow people or pets to enter the treated area until sprays have dried.
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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS
<b>CAUTION</b>
<ul style="list-style-type: none"> <li>• Causes moderate eye irritation.</li> <li>• Harmful if swallowed.</li> <li>• Harmful if absorbed through skin.</li> <li>• Do not get in eyes or clothing.</li> <li>• Avoid contact with skin.</li> <li>• Wear protective eyewear (goggles, safety glasses, face shield), long-sleeved shirt, long pants, socks, shoes and chemical-resistant gloves (such as or made out of any waterproof material, selection category A).</li> </ul>

<b>FIRST AID</b>	
<b>IN CASE OF ACCIDENTAL...</b>	<b>IMMEDIATELY...</b>
Contact with Eyes	<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>
Swallowing	<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 to an unconscious person.</li> </ul>
If on skin or clothing	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
Inhalation	<ul style="list-style-type: none"> <li>• If breathing is affected, move person to fresh air.</li> <li>• If not breathing, call an ambulance and give artificial respiration.</li> <li>• Contact doctor or poison control center for further treatment advice.</li> </ul>
<p><b>NOTE:</b> Have this product container or label with you when calling a poison control center, or doctor or going for treatment. You may also contact 1-877-229-3763 for emergency medical information. Active Ingredients: 9.81% Monosodium acid methanearsonate [CAS # 2163-80-6], 3.18% 2,4-D, dimethylamine salt [CAS # 2008-39-1], 1.60% Mecoprop-p, dimethylamine salt [CAS # 66423-09-4], and 0.79% Dicamba, dimethylamine salt [CAS # 2300-66-5].</p>	

<b>ENVIRONMENTAL HAZARDS</b>
<p>This product is toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark, except as noted on appropriate labels. Drift and runoff from treated areas may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment washwaters or rinsate.</p>
<p>This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater.</p>


Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D and MCPP have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D and MCPP pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing and transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

### User Safety Recommendations

**User should:**

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Wash thoroughly with soap and water after handling.
- Remove clothing/PPE 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.

### Important – Directions for Storage and Disposal

<p><b>Storage Conditions</b></p>	<p>Store in original container in a cool, dry place, out of the reach of children, preferably a locked storage cabinet. Protect From Freezing.</p>
<p><b>Disposal</b></p> 	<p><b>If empty:</b></p> <ul style="list-style-type: none"> <li>• Do not reuse container.</li> <li>• Place empty container in trash or offer for recycling if available.</li> </ul> <p><b>If partly filled:</b></p> <ul style="list-style-type: none"> <li>• Call your local solid waste agency or toll free 1-877-229-3724 for disposal instructions.</li> <li>• Never place unused product down any indoor or outdoor drain.</li> </ul>

**NOTICE:** Research and testing have determined that the "Directions For Use" are appropriate for the proper use of LAWN HERBICIDE 3D CONCENTRATE under expected conditions. The Buyer assumes responsibility for lack of performance or safety if not used according to the directions.

**\*Money Back Guarantee:** If you are not satisfied with this product, we will gladly refund your original purchase price.



**A Business Unit of Bayer CropScience LP**  
**P.O. Box 12014, 2 T.W. Alexander Drive**  
**Research Triangle Park, North Carolina 27709**

Lawn Herbicide 3D Concentrate (MASTER) Approved 06/23/08

