

42519-1

08/04/2009

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Michal Eldan, Ph.D.
Luxembourg-Pamol, Inc.
5100 Poplar Avenue, Suite 2700, PMB 111
Memphis, TN 38137

AUG 4 2009

Subject: Label Amendment for Compliance with Organic Arsenicals Agreement
MSMA product; EPA Reg. No.
Target 6.6 ; 42519-1
Target 6 Plus ; 42519-3
Applications Dated: June 30, 2009

Dear Dr. Eldan:

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. Make the following revisions to the Personal Protective Equipment (PPE) section:
 - a) Delete "protective eyewear"
 - b) Add "See engineering controls statement for further instructions."
 - c) Add the word "exist" after "washables" to the following statement (see bold text):

Follow the 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."

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MSMA label amendment

2. Labeling must include the following pilot engineering controls text following the PPE section:
“Engineering Controls Statement:
Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(60).”
3. Revise the following User Safety Recommendation statement (changes in **bold** text):
 - a. Remove clothing/**PPE** immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
4. Labeling must include Spray Drift Management text.
5. Revise the Container Disposal residue removal instructions to be in accordance with PR Notice 2007-4.
6. Add the text “To the extent consistent with applicable law” before the following sentences in the Warranty statement:
 - a. “Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith.”
 - b. “In no case shall Luxembourg-Pamol, Inc. or the Seller be liable...”
 - c. “The foregoing is a condition of sale by Luxembourg-Pamol, Inc. and is accepted...”
7. Submit the following confirmatory data to support the use of MSMA on cotton no later than August 30, 2010:
 - a. Magnitude of the residue in meat and milk (Guideline 860.1480)
 - i. Registrants must develop confirmatory data that demonstrate no detectable residues of inorganic arsenic will be found in the edible tissues and milk of cows consuming cotton feed items treated with MSMA. Data may be developed in a tiered fashion.
 - b. Field rotational crop study (Guideline 860.1900)
 - i. Registrants must provide data demonstrating no residues of inorganic arsenic in food crops (peanuts) that are rotated with cotton. This requirement may be satisfied with data from the open literature or a new study conducted in accordance with Guideline 860.1900.

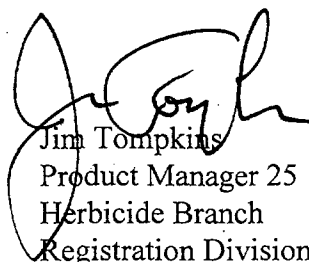
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MSMA label amendment

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)

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LUXEMBOURG-PAMOL

Target® 6.6

MSMA Liquid

For Selective Post-emergent Weed Control in Cotton, Golf Courses, Sod Farms and Highway Rights of Way

ACTIVE INGREDIENT:

Monosodium Acid Methanearsonate* 51.00%

OTHER INGREDIENTS:..... 49.00%

TOTAL: 100.00%

Total Arsenic (as elemental) all in water soluble form 23.61%

*Product contains 6.6 lbs MSMA per gallon

Keep Out Of Reach Of Children

CAUTION

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 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 eye. • Call a poison control center or doctor for treatment advice.
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 inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical information.	

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No.: 42519-1

EPA Est. No.: 42519-ISR-1

ACCEPTED
 with COMMENTS
 in EPA Letter Dated

AUG 4 2009

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

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Company Logo
Manufactured for:
LUXEMBOURG-PAMOL, INC.
5100 Poplar Avenue, Suite 2700
Memphis, Tennessee 38137, U.S.A.

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**AGRICULTURAL CHEMICAL
DO NOT SHIP OR STORE WITH
FOODS, FEEDS, DRUGS, OR
CLOTHING**

**FOR CHEMICAL SPILL, LEAK,
FIRE OR EXPOSURE CALL TOLL
FREE: 1-800-424-9300**

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. Do not apply this product through any type of irrigation system. 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.

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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 interval. 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
 - chemical-resistant gloves Category A, such as butyl rubber \geq 14 mils, or natural rubber \geq 14 mils, or neoprene rubber \geq 14 mils, or nitrile rubber \geq 14 mils
 - shoes and socks
 - protective eyewear
 - chemical-resistant headgear for overhead exposure
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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 Worker Protection Standard applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Keep children and domestic animals off treated areas until this material has been washed into the soil.

The area being treated must be vacated by unprotected persons.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Open dumping is prohibited. Do not store this product near fertilizers, seeds, insecticides, or fungicides. Do not store near heat or open flame. Freezing point of this product is approximately -5°F. If stored below freezing point, warm to 50°F and agitate thoroughly before using. Containers should not be stacked more than six (6) high. Reclose all partially used containers by thoroughly tightening screw cap. Damaged or leaking containers which cannot be used immediately should be transferred to suitable sound containers and properly marked. Absorb any spills with a suitable clay absorbent and dispose of as indicated under "Pesticide Disposal." For safety and prevention of unauthorized use, all pesticides should be stored in locked facilities. Opened, partially used pesticides should be stored in original labeled containers when possible. When transfer to another container is necessary because of leakage or damage, carefully mark, and identify contents of the new container.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. 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: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed. Avoid breathing spray mist. Avoid contact with skin, eyes, and clothing. In cases of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation occurs.

Personal Protective Equipment

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA chemical-resistance category selection chart.

All Mixers, Loaders, Applicators and other handlers must wear:

- Long sleeved shirt and long pants
- Chemical-resistant gloves Category A, such as butyl rubber ≥ 14 mils, or natural rubber ≥ 14 mils, or neoprene rubber ≥ 14 mils, or nitrile rubber ≥ 14 mils

- Shoes and socks
- Protective eyewear
- Chemical-resistant apron when cleaning equipment, mixing or loading

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

User should:

- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- 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 directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters. Do not apply when weather conditions favor drift from target area.

GENERAL INFORMATION

Target® 6.6 is useful for selective post-emergent weed control, particularly for grassy weeds. Its activity is enhanced by addition of a suitable surfactant (cleared for application to growing crops) to the spray solution. It is most effective on young, actively growing weeds at air temperatures above 70°F. Its phytotoxic properties are quickly inactivated on contact with soil.

Note to Users: Do not apply this product in Florida except on cotton in the counties listed in the cotton use section of the label. Aerial application is prohibited, except when applying to cotton.

MIXING INSTRUCTIONS

Target® 6.6 must be thoroughly dissolved. Fill the spray equipment reservoir about half full with water and add the required amount of herbicide and surfactant with agitation. Finish filling the reservoir with water and apply. After use, clean equipment thoroughly by flushing with water. Do not store spray solution in tank for a prolonged period.

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COTTON (Post-emergent Use Only)

Target® 6.6 is useful as a directed application in cotton for the post-emergent control of weeds and grasses such as johnsongrass, nutsedge, dallisgrass, cocklebur, barnyardgrass, ragweed, sandbur, and puncture vine. It should be applied at the rate of 2½ pints per acre. Only 1 application at 2 lbs a.i./acre is allowed per season, except when a salvage operation is needed. If a salvage operation is needed (*i.e.*, if pigweed escapes the first application), then a second or repeat application at 2 lbs a.i./acre is allowed.

Add 6 pints of Target® 6.6 and 1 to 2 quarts of a suitable surfactant (cleared for application to growing crops) to 100 gallons of water and mix thoroughly. Apply spray solution at 40 gallons per acre. Weed control is most effective at temperatures above 70°F. For band application in 40-inch rows, apply 1 gallon of spray solution per inch of band width per acre of cotton. Direct the spray solution to the base of the cotton plant. Nozzles should be placed so as to avoid spraying the cotton foliage.

A second or repeat application, if needed, should be timed 1 to 3 weeks after the first application. Apply only as a salvage operation when cotton is 3 inches high, but no later than 6 inches high or early square, whichever occurs first. Preference should be given to directed spray. In order to minimize injury, the second application should be made as a directed spray when possible.

Slight burning and a reddish discoloration of cotton leaf may occasionally occur following the recommended treatment; however cotton plants will develop normally and yield will not be affected.

Do not apply within 50 feet of permanent water bodies or aquatic habitat, including, but not limited to, lakes, reservoirs, rivers, streams, marshes, ponds, and estuaries.

Do Not Feed Treated Foliage to Livestock or Graze Treated Areas.

Do Not Make More Than Two (2) Applications Per Season.

Do Not Apply More Than A Total of 4 Lbs Ai/A Per Season.

Do Not Apply Pre-Plant to Cotton.

Do not apply in Florida except on cotton grown in the following counties: Calhoun, Columbia, Escambia, Hamilton, Holmes, Jackson, Jefferson, Okaloosa, Santa Rosa, Suwannee, Walton, and Washington counties.

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NON-CROP

Target® 6.6 is useful for controlling johnsongrass, nutsedge, barnyardgrass, and other weeds on golf courses, sod farms, and highway rights of way. Not for use in Florida.

GOLF COURSES

Target® 6.6 is useful for control of dallisgrass, sandbur, bahiagrass, nutsedge, barnyardgrass, chickweed, and wood sorrel with little or no injury to good lawn grasses. On new lawns, do not treat until after three mowings. Good grasses may be temporarily discolored. Zoysia, bluegrass, and bermuda are quite tolerant. Do not use on St. Augustine or centipede.

For newly constructed golf courses only one broadcast application is allowed. For all other applications to golf courses, only spot treatments (100 square feet maximum per spot) are allowed. A spot treatment must not exceed 25% of total golf course acreage per year.

Mow lawns to 1 to 1½ inches high before treatment. Mix 1 fluid ounce (2 tablespoons) of Target® 6.6 and ½ fluid ounce (1 tablespoon) of a suitable surfactant in 1 to 2½ gallons of water and apply to an area of 1,000 square feet (100 square feet per spot). Spray thoroughly to wet all undesirable plants.

Do not apply with hose-end applicators.

Do not use on golf courses in Florida.

After December 31, 2013, applications to golf courses are prohibited.

SOD FARMS

Target® 6.6 is useful for control of dallisgrass, sandbur, bahiagrass, nutsedge, barnyardgrass, chickweed and wood sorrel with little or no injury to good lawn grasses. On new lawns, do not treat until after three mowings. Good grasses may be temporarily discolored. Zoysia, bluegrass, and bermuda are quite tolerant. Do not use on St. Augustine or centipede.

Mow lawns to 1 to 1½ inches high before treatment. Mix 1 fluid ounce (2 tablespoons) of Target® 6.6 and ½ fluid ounce (1 tablespoon) of a suitable surfactant in 1 to 2½ gallons of water and apply to an area of 1,000 square feet. Spray thoroughly to wet all undesirable plants. Only 2 broadcast applications are allowed per season. **DO NOT** apply the second application prior to 10 days after the first treatment.

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Do not apply with hose-end applicators.

Do not apply within 25 feet of permanent water bodies or aquatic habitat, including, but not limited to, lakes, reservoirs, rivers, streams, marshes, ponds, and estuaries.

Do not use on sod farms in Florida.

After December 31, 2013, applications to sod farms are prohibited.

HIGHWAY RIGHTS OF WAY

Only 2 broadcast applications are allowed per season. Do not apply within 100 feet of permanent water bodies or aquatic habitat, including, but not limited to, lakes, reservoirs, rivers, streams, marshes, ponds, and estuaries.

Mix Target® 6.6 at a rate of 3 to 6 pints, plus 1 to 2 quarts of a suitable surfactant in 100 gallons of water. Spray the unwanted vegetation thoroughly to just short of run-off. Any spray equipment that gives good coverage may be used. If regrowth occurs, make a second broadcast application.

Do not use on highway rights of way in Florida.

After December 31, 2013, applications to highway rights of way are prohibited.

WARRANTY - CONDITION OF SALE

OUR RECOMMENDATIONS FOR USE of this product are based upon field use and tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the Seller. Buyer assumes all risks of use, storage, and handling of this material not in strict accordance with directions given herewith.

In no case shall Luxembourg-Pamol, Inc. or the Seller be liable for consequential, special, or indirect damages resulting from the use of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by Luxembourg-Pamol, Inc. and is accepted as such by the Buyer.

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Manufactured by Luxembourg Industries (PAMOL), Ltd.

Made in Israel

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