

62719-217

C 06/17/2008 C

1/20

U.S. ENVIRONMENTAL PROTECTION
AGENCYOffice of Pesticide Programs
Registration Division (7505P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:

62719-217

Date of Issuance:

17 JUN 2008

NOTICE OF PESTICIDE:

☐ Registration
☒ Reregistration
(under FIFRA, as amended)

Term of Issuance:

Name of Pesticide Product:

XRM-5202 Herbicide

Name and Address of Registrant (include ZIP Code):

Dow AgroSciences, LLC
9330 Zionsville Road
Indianapolis, IN 46268

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 reregistered in accordance with FIFRA sec. 4(g)(2)(C) provided that you:

1. Submit and/or cite all data required for registration/reregistration review of your product when the Agency requires all registrants of similar products to submit data.
2. To the label add "Intended for use by applicators who are authorized/licensed by the state for this type of application".

Signature of Approving Official:

Joanne I. Miller
Joanne I. Miller
Product Manager 23
Herbicide Branch
Registration Division (7505P)

Date:

17 JUN 2008

3. A PPE section and user safety requirements text must be added to the label which begins on page 10 of the label package. This section must appear identical to the PPE section on pages 1 and 2 of this label package (the base label for rigid containers 5 gal or less).

4. Since aerial application is prohibited for this product, delete the engineering controls statement "Pilots must use an enclosed cockpit that ... pesticides [40 CFR 170.240 (d) (4-6)]."

5. Revise the User Safety Recommendations section to include the following bold text:

"User should remove clothing/**PPE** immediately if pesticide gets inside."

6. Delete the text "except as noted on appropriate labels" from the Environmental Hazards section.

7. The storage and disposal section must be revised to include the following:

"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."

In addition, the following changes are recommended:

- The subheading "container handling" should be added to all versions before the subheading "container reuse."

- The subheading "pesticide disposal" should be added to all versions after "pesticide storage" and before "container handling."

8. Delete "Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse" from the Hazards to Humans and Domestic Animals section as this language occurs in the User Safety Recommendations section.

9. Delete "Recommendations" from "Use Rate Recommendations".

10. To the label add "Use of this product in certain portions of California, Oregon, and Washington is subject to the January 22, 2004 Order for injunctive relief in Washington Toxics Coalition, et al. v. EPA, C0132C, (W.D. WA). For further information, please refer to EPA Web Site: <http://www.epa.gov/espp>."

11. On page 13, delete the phrase "General Use". This is an implied safety claim.

12. Modify the Use Restrictions to include the following clopyralid limitations: "Do not use on residential turf. Do not send clippings to a compost facility. Do not collect grass clippings for mulch or compost. Applicator must give notice to landowners/property managers to not use

3/20

grass clippings for composting.”

Submit one copy of the revised final printed label for the record.

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. A stamped copy of the label is enclosed for your records.

If you have any questions please call Erik Kraft at 703-308-9358 or email at Kraft.Erik@epa.gov.

4/20

(Base label for rigid containers 5 gal or less):

XRM-5202

Specialty Herbicide

For the Control of Annual and Perennial Broadleaf Weeds in Ornamental Turf.

For Sale to and Use by Commercial Applicators and Professional Landscapers Only. Not for Sale to or Use by Homeowners.

Active Ingredient(s):

2,4-D: 2,4-dichlorophenoxyacetic acid, triisopropanolamine salt.....	50.7%
triclopyr: 3,5,6-trichloro-2-pyridinyloxyacetic acid, triethylamine salt	3.8%
clopyralid: 3,6-dichloro-2-pyridinecarboxylic acid	1.3%
<u>Other Inert Ingredient(s)</u>	44.2%
Total	100.0%

Acid Equivalent:

2,4-D	(2.67 lb/gal)	27.2%
Triclopyr	(0.27 lb/gal)	2.7%
Clopyralid	(0.13 lb/gal)	1.3%

****Isomer Specific by AOAC Method No. 6.275-6.279 (13th Ed.)**

ACCEPTED
with COMMENTS
In EPA Letter Dated:
17 JUN 2008

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

62719-217

Keep Out of Reach of Children

DANGER PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

Precautionary Statements

Hazards to Humans and Domestic Animals

Corrosive • Causes Irreversible Eye Damage • Harmful If Swallowed Or Absorbed Through Skin

Do not get in eyes, on skin or on clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing and wash clothing before reuse. When using this product, wear long-sleeved shirt, long pants, socks, shoes, protective eyewear, and chemical resistant gloves.

Personal Protective Equipment (PPE)

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

All mixers, loaders, applicators, flaggers, and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves, when applying postharvest dips or sprays to citrus, applying with any handheld nozzle or equipment, mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate.
- Protective eyewear

5/20

- Chemical resistant apron when applying postharvest dips or sprays to citrus, mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate

See engineering controls for additional requirements

Follow 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.

Engineering Controls Statements

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protections Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protections Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)].

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.

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 eye. Call a poison control center or doctor for treatment advice.

If on skin or clothing: ~~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 do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-992-5994 for emergency medical treatment information.

Note to Physician: Probable mucosal damage may contraindicate use of gastric lavage.

Environmental Hazards

~~Drift or runoff may adversely affect nontarget plants. This pesticide may be toxic to fish and aquatic invertebrates.~~ Do not apply directly to water, 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 may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when cleaning equipment or disposing of equipment wash waters or rinsate.

~~Triclopyr~~ 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.

Clopyralid, an active ingredient in this product, may leach through soil into groundwater under certain conditions of use. Use of this product where soils are permeable, particularly where the water table is shallow, may result in leaching to groundwater. Caution should be exercised when handling this product at mixing, loading, and disposal sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this product will reduce the probability of spills. Placement of

6/20

mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

Storage and Disposal

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

Pesticide Storage: Keep container tightly closed when not in use. Store above 28°F or agitate before use.

Container Reuse: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available.

Triple rinse or pressure 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. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Refer to inside of label booklet for Directions for Use including Storage and Disposal.

Notice: Read the entire label. Use only according to label directions. **Before using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies at end of label booklet. If terms are unacceptable, return at once unopened.**

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994. If you wish to obtain additional product information, visit our web site at www.dowagro.com.

Agricultural Chemical: ~~Keep away from food, feedstuffs and water supplies.~~ Do not ship or store with food, feeds, drugs or clothing.

EPA Reg. No. 62719-217

EPA Est. _____

Produced for Dow AgroSciences LLC • Indianapolis, IN 46268 USA

Specialty Herbicide

Net Contents _____

7/20

(Base label for refillable rigid containers larger than 5 gal):

XRM-5202

Specialty Herbicide

For the Control of Annual and Perennial Broadleaf Weeds in Ornamental Turf.

For Sale to and Use by Commercial Applicators and Professional Landscapers Only. Not for Sale to or Use by Homeowners.

Active Ingredient(s):

2,4-D: 2,4-dichlorophenoxyacetic acid, triisopropanolamine salt.....	50.7%
triclopyr: 3,5,6-trichloro-2-pyridinyloxyacetic acid, triethylamine salt	3.8%
clopyralid: 3,6-dichloro-2-pyridinecarboxylic acid	1.3%
<u>Other Inert Ingredient(s)</u>	44.2%
Total	100.0%

Acid Equivalent:

2,4-D	(2.67 lb/gal)	27.2%
Triclopyr	(0.27 lb/gal)	2.7%
Clopyralid	(0.13 lb/gal)	1.3%

**Isomer Specific by AOAC Method No. 6.275-6.279 (13th Ed.)

Keep Out of Reach of Children

DANGER PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

Precautionary Statements

Hazards to Humans and Domestic Animals

Corrosive • Causes Irreversible Eye Damage • Harmful If Swallowed Or Absorbed Through Skin

Do not get in eyes, on skin or on clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing and wash clothing before reuse. When using this product, wear long-sleeved shirt, long pants, socks, shoes, protective eyewear, and chemical resistant gloves.

Personal Protective Equipment (PPE)

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

All mixers, loaders, applicators, flaggers, and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves, when applying postharvest dips or sprays to citrus, applying with any handheld nozzle or equipment, mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate.
- Protective eyewear

- Chemical resistant apron when applying postharvest dips or sprays to citrus, mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate

See engineering controls for additional requirements

Follow 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.

Engineering Controls Statements

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protections Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protections Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)].

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.

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 eye. Call a poison control center or doctor for treatment advice.

If on skin or clothing: ~~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 do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-992-5994 for emergency medical treatment information.

Note to Physician: Probable mucosal damage may contraindicate use of gastric lavage.

Environmental Hazards

~~Drift or runoff may adversely affect nontarget plants. This pesticide may be toxic to fish and aquatic invertebrates.~~ Do not apply directly to water, 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 may be hazardous to aquatic organisms in water adjacent to treated areas.~~ Do not contaminate water when cleaning equipment or disposing of equipment wash waters or rinsate.

~~Trioleoyl~~ 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.

Clopyralid, an active ingredient in this product, may leach through soil into groundwater under certain conditions of use. Use of this product where soils are permeable, particularly where the water table is shallow, may result in leaching to groundwater. Caution should be exercised when handling this product at mixing, loading, and disposal sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this product will reduce the probability of spills. Placement of

9/20

mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

Storage and Disposal

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

Pesticide Storage: Keep container tightly closed when not in use. Store above 28°F or agitate before use.

Container Reuse: Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose.

Cleaning the container before final disposal is the responsibility of the person disposing of the container.

Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water and, if possible, spray all sides while adding water. If practical, agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

Refer to ~~inside of~~ label booklet for Directions for Use including ~~Storage and Disposal~~.

Notice: Read the entire label. Use only according to label directions. **Before using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies at end of label booklet. If terms are unacceptable, return at once unopened.**

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994. If you wish to obtain additional product information, visit our web site at www.dowagro.com.

Agricultural Chemical: ~~Keep away from food, feedstuffs and water supplies.~~ Do not ship or store with food, feeds, drugs or clothing.

EPA Reg. No. 62719-217

EPA Est. _____

Produced for Dow AgroSciences LLC • Indianapolis, IN 46268 USA

Specialty Herbicide

Net Contents _____

10/20

(Base label for nonrefillable rigid containers larger than 5 gal):

XRM-5202

Specialty Herbicide

For the Control of Annual and Perennial Broadleaf Weeds in Ornamental Turf.

For Sale to and Use by Commercial Applicators and Professional Landscapers Only. Not for Sale to or Use by Homeowners.

Active Ingredient(s):

2,4-D: 2,4-dichlorophenoxyacetic acid, triisopropanolamine salt.....	50.7%
triclopyr: 3,5,6-trichloro-2-pyridinyloxyacetic acid, triethylamine salt	3.8%
clopyralid: 3,6-dichloro-2-pyridinecarboxylic acid	1.3%
Other Inert Ingredient(s)	44.2%
Total.....	100.0%

Acid Equivalent:

2,4-D	(2.67 lb/gal)	27.2%
Triclopyr	(0.27 lb/gal)	2.7%
Clopyralid	(0.13 lb/gal)	1.3%

****Isomer Specific by AOAC Method No. 6.275 - 6.279 (13th Ed.)**

Keep Out of Reach of Children

DANGER PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

Precautionary Statements

Hazards to Humans and Domestic Animals

Corrosive • Causes Irreversible Eye Damage • Harmful If Swallowed Or Absorbed Through Skin

Do not get in eyes, on skin or on clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing and wash clothing before reuse. When using this product, wear long-sleeved shirt, long pants, socks, shoes, protective eyewear, and chemical resistant gloves.

Personal Protective Equipment (PPE)

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

All mixers, loaders, applicators, flaggers, and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves, when applying postharvest dips or sprays to citrus, applying with any handheld nozzle or equipment, mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate.
- Protective eyewear

- Chemical resistant apron when applying postharvest dips or sprays to citrus, mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate

See engineering controls for additional requirements

Follow 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.

Engineering Controls Statements

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protections Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protections Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)].

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.

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 eye. Call a poison control center or doctor for treatment advice.

If on skin or clothing: ~~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 do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-992-5994 for emergency medical treatment information.

Note to Physician: Probable mucosal damage may contraindicate use of gastric lavage.

Environmental Hazards

~~Drift or runoff may adversely affect nontarget plants.~~ This pesticide may be toxic to fish and aquatic invertebrates. Do not apply directly to water, 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 may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when cleaning equipment or disposing of equipment wash waters or rinsate.

~~Triclopyr~~ 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.

Clopyralid, an active ingredient in this product, may leach through soil into groundwater under certain conditions of use. Use of this product where soils are permeable, particularly where the water table is shallow, may result in leaching to groundwater. Caution should be exercised when handling this product at mixing, loading, and disposal sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this product will reduce the probability of spills. Placement of

12/20

mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

Storage and Disposal

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

Pesticide Storage: Keep container tightly closed when not in use. Store above 28°F or agitate before use.

Container Reuse: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Refer to inside of label booklet for Directions for Use including Storage and Disposal.

Notice: Read the entire label. Use only according to label directions. **Before using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies at end of label booklet. If terms are unacceptable, return at once unopened.**

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994. If you wish to obtain additional product information, visit our web site at www.dowagro.com.

Agricultural Chemical: ~~Keep away from food, feedstuffs and water supplies.~~ Do not ship or store with food, feeds, drugs or clothing.

EPA Reg. No. 62719-217

Produced for Dow AgroSciences LLC • Indianapolis, IN 46268 USA

EPA Est. _____

Specialty Herbicide

Net Contents _____

13/20

(cover)

XRM-5202

Specialty Herbicide

For the Control of Annual and Perennial Broadleaf Weeds in Ornamental Turf.

For Sale To And Use By Commercial Applicators And Professional Landscapers Only. Not For Sale To Or Use By Homeowners.

Active Ingredient(s):

2,4-D: 2,4-dichlorophenoxyacetic acid, triisopropanolamine salt.....	50.7%
triclopyr: 3,5,6-trichloro-2-pyridinyloxyacetic acid, triethylamine salt	3.8%
clopyralid: 3,6-dichloro-2-pyridinecarboxylic acid	1.3%
Other Inert Ingredient(s)	44.2%
Total.....	100.0%

Acid Equivalent:

2,4-D	(2.67 lb/gal)	27.2%
Triclopyr	(0.27 lb/gal)	2.7%
Clopyralid	(0.13 lb/gal)	1.3%

****Isomer Specific by AOAC Method No. 6.275-6.279 (13th Ed.)**

Keep Out of Reach of Children

DANGER PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

Refer to inside of label booklet for Directions for Use including Storage and Disposal.

Notice: Read the entire label. Use only according to label directions. **Before using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies at end of label booklet. If terms are unacceptable, return at once unopened.**

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994. If you wish to obtain additional product information, visit our web site at www.dowagro.com.

Agricultural Chemical: ~~Keep away from food, feedstuffs and water supplies.~~ Do not ship or store with food, feeds, drugs or clothing.

EPA Reg. No. 62719-217

EPA Est. _____

Produced for Dow AgroSciences LLC • Indianapolis, IN 46268 USA

Specialty Herbicide

Net Contents _____

14/20

(Page 1 through end):

Precautionary Statements

Hazards to Humans and Domestic Animals

DANGER

Corrosive • Causes Irreversible Eye Damage • Harmful If Swallowed Or Absorbed Through Skin

Do not get in eyes, on skin or on clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing and wash clothing before reuse. When using this product, wear long-sleeved shirt, long pants, socks, shoes, protective eyewear, and chemical resistant gloves.

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.

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 eye. Call a poison control center or doctor for treatment advice.

If on skin or clothing: 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 do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-992-5994 for emergency medical treatment information.

Note to Physician: Probable mucosal damage may contraindicate use of gastric lavage.

Environmental Hazards

Drift or runoff may adversely affect nontarget plants. This pesticide may be toxic to fish and aquatic invertebrates. Do not apply directly to water, 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 may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when cleaning equipment or disposing of equipment wash waters or rinsate.

~~Triolopyr~~ 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.

Clopyralid, an active ingredient in this product, may leach through soil into groundwater under certain conditions of use. Use of this product where soils are permeable, particularly where the water table is shallow, may result in leaching to groundwater. Caution should be exercised when handling this product at mixing, loading, and disposal sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this product will reduce the probability of spills. Placement of mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

15/20

Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

Apply this product only as specified on this label.

Storage and Disposal

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

Pesticide Storage: Keep container tightly closed when not in use. Store above 28°F or agitate before use.

Nonrefillable containers 5 gallons or less:

Container Reuse: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available.

Triple rinse or pressure 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. **Pressure rinse** as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Refillable containers 5 gallons or larger:

Container Reuse: Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose.

Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water and, if possible, spray all sides while adding water. If practical, agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

Nonrefillable containers 5 gallons or larger:

Container Reuse: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse** as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. **Pressure rinse** as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law and may contaminate groundwater. If these wastes

16/20

cannot be used 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 for Non-Refillable Containers (Metal): Do not reuse container. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Container Disposal for Non-Refillable Containers (Plastic): Do not reuse container. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Container Disposal for Refillable Containers: Close all openings which have been opened during use and replace all caps. Return the empty container to a collection site designated by DowElanco. If the container has been damaged and cannot be returned according to the recommended procedures, contact the DowElanco Customer Service Center at 1/800-258-1470 to obtain proper handling instructions.

General: Consult federal, state, or local disposal authorities for approved alternative procedures.

General Information

XRM-5202 herbicide is a broad-spectrum herbicide for control of actively growing annual and perennial broadleaf weeds in established ornamental turf such as lawns, golf courses, roadsides and cemeteries. XRM-5202 may be applied to the following established turfgrass species:

Established Cool Season Turfgrasses

Common Name	Scientific Name
bentgrass [†]	<i>Agrostis</i> species
bluegrass, Kentucky	<i>Poa pratensis</i>
fescue, chewing	<i>Festuca rubra</i> var. <i>commutata</i>
fescue, creeping red	<i>Festuca rubra</i>
fescue, sheeps	<i>Festuca ovina</i>
fescue tall	<i>Festuca arundinaceae</i>
ryegrass, perennial	<i>Lolium perenne</i>

Established Warm Season Turfgrasses^{††}

Common Name	Scientific Name
bahiagrass [†]	<i>Paspalum notatum</i>
bermudagrass [†]	<i>Cynodon dactylon</i>
buffalograss	<i>Buchloe dactyloides</i>
centipedegrass [†]	<i>Eremochloa ophiuroides</i>
zoysiagrass [†]	<i>Zoysia japonica</i>
zoysiagrass [†]	<i>Zoysia tenuifolia</i>
fescue, tall (growing in warm season areas)	<i>Festuca arundinacea</i>

[†]Do not apply to these turfgrass species unless potential turfgrass injury can be tolerated. Also, when treating these turfgrass species, do not apply more than 3 pints per acre. To minimize grass injury, additional applications should be made at least four weeks apart. Avoid swath overlaps.

^{††}Do not treat warm season turfgrass with XRM-5202 when mowing height is less than 1/2 inch.

General Use Precautions and Restrictions

Restrictions - Postemergence:

- Do not make more than two applications per year
- Maximum of 4 pints (1.34 lbs ae/acre 2,4-D) per application
- Maximum seasonal rate: 8 pints (2.68 lbs 2,4-D ae/acre), excluding spot treatments

17/20

Note: XRM-5202 may discolor and/or stunt turf that is not well-established or is stressed or weakened due to unfavorable climatic conditions, temperature extremes, drought, nematodes, or other factors which damage or weaken turf. Apply XRM-5202 only to healthy, well-established turf that has a well-anchored root system.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

Application Restrictions: 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.

Entry Restrictions: Do not allow entry into areas until sprays have dried, unless applicator and other handler PPE is worn.

Do not apply XRM-5202 to grass species not listed on this label unless potential turf injury can be tolerated.

Do not apply XRM-5202 to golf course greens or tees.

Mow newly seeded turf at least twice before treatment with XRM-5202.

The maximum number of broadcast applications per treatment site is 2 per year.

Do not apply more than 4 pints per acre of XRM-5202 per application.

Do not water for 6 hours after application.

Do not reseed for 3 weeks after application.

Do not use grass clippings from turf treated with XRM-5202 for mulch or compost.

Do not apply to exposed roots of shallow rooted trees and shrubs.

Do not apply in or on ditches used to transport irrigation water. Do not apply where runoff or irrigation water may flow onto susceptible crops as injury may result.

Be sure that use of this product conforms to all applicable local or state regulations.

Chemigation: Do not apply this product through any type of irrigation system.

Spray Drift Management

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of application (e.g., ground) can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

Droplet Size

When applying sprays that contain 2,4-D as the sole active ingredient, or when applying sprays that contain 2,4-D mixed with active ingredients that require a Coarse or coarser spray, apply only as a Coarse or coarser spray (ASAE standard 572) or a volume mean diameter of 385 microns or greater for spinning atomizer nozzles.

When applying sprays that contain 2,4-D mixed with other active ingredients that require a Medium or more fine spray, apply only as a Medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

Wind Speed

18/20

Do not apply at wind speeds greater than 15 mph. Only apply this product if the wind direction favors on-target deposition and there are not sensitive areas (including, but not limited to, residential areas, bodies of water, known habitat for nontarget species, nontarget crops) within 250 feet downwind. If applying a Medium spray, leave one swatch unsprayed at the downwind edge of the treated field.

Temperature Inversions

If applying at wind speeds less than 3 mph, the applicator must determine if: a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

Susceptible Plants

Do not apply under circumstances where spray drift may occur to food, forage, or other plantings that might be damaged or crops thereof rendered unfit for sale, use or consumption. Susceptible crops include, but are not limited to, cotton, okra, flowers, fruit trees, grapes (in growing stage), fruit trees (foliage), soybeans (vegetative stage), ornamentals, sunflowers, tomatoes, beans, and other vegetables, or tobacco. Small amounts of spray drift that may not be visible may injure susceptible broadleaf plants.

Other State and Local Requirements

Applicators must follow all state and local pesticide drift requirements regarding application of 2,4-D herbicides. Where states have more stringent regulations, they must be observed.

Equipment

All ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.

Aerial Application

Do not apply by air

Ground Boom Application

Do not apply with a nozzle height greater than 4 feet above the crop canopy.

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment and weather related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

Do not apply XRM-5202 directly to, or otherwise permit it to come in contact with, or permit spray mists containing XRM-5202 to drift onto, cotton, citrus, grapes, tobacco, vegetable crops, flowers, fruit or ornamental trees, shrubs, or other desirable broadleaf plants. Applications should be made only when hazards from spray drift are at a minimum. Very small quantities of spray, which may not be visible, may seriously injure susceptible plants. Do not spray when wind is blowing toward susceptible crops or ornamental plants near enough to be injured.

Spray drift can be reduced by spraying when wind velocity is low, keeping the spray boom as low as possible, using nozzles that deliver larger spray droplets and minimize the production of fine spray particles, and by using higher spray volumes and lower pressures.

Weeds Controlled and Use Rate Recommendations

Weeds Controlled	Suggested Use Rate	
	(pints/Acre)	(fl oz/1000 sq ft)

19/20

black medic chickweed chicory clover dandelion dock henbit lambquarters, common	mallow pigweed plantain, broadleaf plantain, buckhorn ragweed shephardspurse yarrow	3 pints	1.1 fl oz
lespedeza heal-all poison ivy	smartweed thistle, musk wild carrot	4 pints†	1.5 fl oz
ground ivy spurge, prostrate thistle, Canada		3 pints, 2 applications 3 to 4 weeks apart	1.1 fl oz, 2 applications 3 to 4 weeks apart

†The maximum use rate for most warm season grasses is 3 pints per acre. See listing of warm season grasses in the "General Information" section of this label for exceptions.

Turf Application Directions

Apply 3 to 4 pints of XRM-5202 per acre to control above listed broadleaf weeds.

Make application using equipment that will ensure uniform coverage (see specific application directions below). Foliar sprays should be applied during warm weather when weeds are actively growing. Application under drought conditions may provide less than desirable results. When hard-to-control species are prevalent, when applications are made in late summer when weeds are mature, or during drought conditions, use the higher rates.

Note: Broadleaf weeds germinate at different times of the year. Only emerged weeds present at the time of application will be controlled by XRM-5202

Apply XRM-5202 in a manner to avoid contacting nearby susceptible crops or other desirable plants. Very small amounts of spray drift may injure susceptible plants, including ornamental trees and shrubs. Take necessary precautions to minimize spray drift. **Carefully read and understand all General Use Precautions before applying.**

Standard Volume Broadcast Applications: Apply 3 to 4 pints of XRM-5202 in enough water to deliver 20 to 200 gallons of total spray mix per acre (0.5 to 5 gallons spray per 1,000 square feet). Higher application volumes may be used when XRM-5202 is tank mixed with liquid fertilizers.

Low Volume Broadcast Applications: Apply 3 to 4 pints of XRM-5202 in enough water to deliver from 5 to 40 gallons of total spray mixture per acre. Use low pressures and application equipment capable of delivering a uniform droplet size that can wet the weed leaf surface.

Targeted Zone Applications or Spot Treatment Using Portable Sprayers: Mix 0.5 to 1.0 oz. of XRM-5202 in enough water to make 1 gallon of spray and apply at any time broadleaf weeds are actively growing. Target plants should be sprayed to wet but not beyond point of runoff.

Terms and Conditions of Use

If terms of the following Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. To the extent permitted by law, otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies.

Warranty Disclaimer

Dow AgroSciences 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, subject to the inherent risks set forth below. To the extent permitted by law, Dow AgroSciences MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

Inherent Risks of Use

It is impossible to eliminate all risks associated with use of this product. Crop injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Dow AgroSciences or the seller. To the extent permitted by law, all such risks shall be assumed by buyer.

Limitation of Remedies

To the extent permitted by law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Dow AgroSciences' election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used.

To the extent permitted by law, Dow AgroSciences shall not be liable for losses or damages resulting from handling or use of this product unless Dow AgroSciences is promptly notified of such loss or damage in writing. To the extent permitted by law, in no case shall Dow AgroSciences be liable for consequential or incidental damages or losses.

The terms of the Warranty Disclaimer, Inherent Risks of Use and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Dow AgroSciences or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

EPA accepted ___/___/___