Curfew®

EPA Reg. No. 62719-32

Registration Notes:

Source label text based on Florida accepted copy dated January 30, 2008.

Proposed changes by amendment:

1. Revised title of 24(c) label.
2. Added ingredients statement to 24(c) label.
3. Revised first paragraph under Directions for Use on 24(c) label.
4. Added paragraph for Entry Restrictions on 24(c) label.
5. Added paragraph for Notification of Employees on 24(c) label.
6. Added paragraph for Notification of Non-Employees on 24(c) label.
7. Added Groundwater Advisory paragraph on 24(c) label.
8. In Soil Moisture on 24(c) label, deleted second and third sentences and revised first sentence.
9. Deleted Application Methods and Equipment on 24(c) label.
10. Revised second sentence in Sealing the Soil After Application on 24(c) label.

This Section 24(c) labeling is provided in two components: (1) The base label and label booklet containing all of the information needed to use this product, except crop-specific use directions; and (2) crop-specific use directions which must be approved by EPA which allow use in a specific state. Component (1) allows the product to be shipped to locations where it can be used in anticipation of EPA-approval of crop-specific use directions in component (2).

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Curfew®

EPA Reg. No. 62719-32

Registration Notes From Previous Labeling Actions:

Final printed label based on Florida accepted copy dated January 30, 2008.

Changes by amendment:

Crop-specific use directions
1. Added restricted use pesticide box.
2. Buffer Zone: Changed "100" to "30."

15Nov07 – Additional proposed changes by amendment:
1. Ingredients statement: Changed "Inert" to Other."
2. Added "Produced for" before registrant name and address.
3. Storage and Disposal: Revised section to comply with Federal Register Notice dated August 16, 2006 and PR Notice 2007-4.

Final printed labeling based on Florida accepted copy dated December 1, 2005.

Changes by amendment:
1. Reformatted the label into a standalone Sec 24(c) label (see explanation below).
2. Updated trademark symbols throughout.
3. Moved generic descriptor "soil fumigant" directly underneath product name on base label and label booklet.
4. Sale copy: Changed first statement to read "A liquid soil fumigant for control of parasitic nematodes in turf"; added "Controls mole crickets present at the time of application."
5. Personal Protective Equipment: (1) Revised "1. Handlers Performing Direct Contact Tasks" to "Handlers performing Tasks with Liquid Contact Potential" and text below to be consistent with other 1,3-D labels; (2) revised "2. Handlers in Enclosed Cabs" to "Handlers Performing Tasks with No Liqiud Contact Potential" and text below to be consistent with other 1,3-D labels; (3) deleted "3. Applicators Outside an Enclosed Cab"; (4) changed "4. Handlers in Treated Area Within 24 Hours After Application" to "3. Handlers. . .After Application" and revised text below to be consistent with other 1,3-D labels; (5) changed "5. Handlers Exposed to High Concentrations" to "4. Handlers Exposed to High Concentrations" and revised text below to be consistent with other 1,3-D labels; (6) added statement to Note below PPE.
6. First Aid: Revised section per PR Notice 2001-1.
7. Storage and Disposal: Revised section.
8. General Information: Added sentence to first paragraph – "Curfew will control mole crickets present in the treatment area at the time of application."
9. Application Directions: (1) Revised first paragraph directly under heading; (2) added types of turf to first statement under Turf Tolerance to Curfew; (3) added "One-half inch of irrigation. . .performance and reduce turf injury" to Soil Moisture; (4) added section entitled "Fertilization"; (5) deleted "approximately 1/4" from second sentence under Sealing the Soil After Application."
10. Referral statements to Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies were revised per EPA correspondence from Joanne I. Miller dated August 31, 2000 and Dow AgroSciences response to Donald R. Stubbs dated November 20, 2000.
11. Minor corrections for clarity.

Final printed labeling based on Florida accepted copy dated February 3, 2003.

Changes by amendment:
1. Corrected percent of active and inert ingredients to match currently-accepted labeling for Telone II, the main brand name of Curfew.

Final printed labeling based on Florida accepted copy dated December 6, 1999.

Proposed labeling for 'stand-alone" 24(c) registration for use in turf in the state of Florida.

®Trademark of Dow AgroSciences LLC

(Base label):

RESTRICTED USE PESTICIDE
Due to high acute inhalation toxicity and carcinogenicity.
For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

Curfew®

Soil Fumigant

- **A liquid soil fumigant for control of parasitic nematodes in turf**
- **Controls mole crickets present at the time of application**

ATTENTION
- **Section 24(c) Special Local Need Registration**
- **For Distribution and Use Only in States with a Valid Section 24(c) Label**

This product cannot be used without a valid state-specific Section 24(c) label which must be in the possession of the user at the time of application.

Active Ingredient:	(by weight)
1,3-dichloropropene	97.5%
Other Ingredients	2.5%
Total	100.0%

1 gallon of Curfew weighs 10.1 lb at 70°F.

Keep Out of Reach of Children

WARNING AVISO

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

Hazardous Liquid And Vapor

- **Do not swallow any of this product. May be fatal if swallowed.**
- **Do not get in eyes. Causes substantial, but temporary eye injury.**
- **Do not get on skin. May be fatal if absorbed through the skin. Causes skin irritation and, if confined, skin burns. May cause allergic skin reaction.**
- **Do not breathe vapor. May be fatal if inhaled. May cause lung, liver, and kidney damage and respiratory system irritation upon prolonged contact.**
- **The use of this product may be hazardous to your health. This product contains 1,3-dichloropropene, which has been determined to cause tumors in laboratory animals. Risks can be reduced by exactly following directions for use, precautionary statements, by wearing the personal protective equipment specified in this labeling.**

Personal Protective Equipment (PPE)

Chemical-Resistant Materials: Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category H on an EPA chemical resistance

category selection chart. PPE constructed of saranex, neoprene, and chlorinated polyethylene provide short-term contact or splash protection against liquid in this product. Longer-term protection is provided by PPE constructed of viton, Teflon, and EVAL barrier laminates (for example, responder suits manufactured by Life-guard or silvershield gloves manufactured by North). Where chemical-resistant materials are required, leather, canvas, or cotton materials offer no protection from this product and must not be worn when contact with this product is possible. Coveralls must be loose-fitting and constructed of woven fabrics (e.g., tight knit cotton or cotton/polyester), non-woven fabrics (e.g., tyvek or sontara), or fabrics containing microporous Teflon.

1. Handlers Performing Tasks with Liquid Contact Potential

Tasks with liquid contact potential are tasks performed outdoors or in a well-ventilated area. They include:

- Equipment calibration or adjustment
- Equipment clean-up and repair
- Product sampling
- Any activity less than 6 feet from an unshielded pressurized hose containing this product
- Rinsate disposal
- Fumigant transfer
- Clean-up of small spills
- Preparing containers for aeration
- Any other task not otherwise listed in (2), (3), or (4) below

Handlers performing tasks with liquid contact potential must wear at a minimum:

- Coveralls over short-sleeved shirt and short pants
- Chemical-resistant gloves, such as barrier laminate (EVAL) or viton
- Chemical-resistant footwear plus socks
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron
- A face shield or safety glasses with brow and temple shields (do not wear chemical goggles)
- A half-face respirator with either an organic-vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G). See further respirator requirements in the User Safety Requirements section on this label.

2. Handlers Performing Tasks with No Liquid Contact Potential

Tasks with no liquid contact potential are tasks performed outdoors or in a well-ventilated area. These tasks include:

- Tractor driving
- Soil sealing
- Field activities on the date of application that do not disrupt the soil at the depth of liquid injection

Handlers performing tasks with no liquid contact potential must wear at a minimum:

- Loose fitting or well ventilated long-sleeved shirt and long pants
- Shoes and socks
- A face shield or safety glasses with brow and temple shields (do not wear chemical goggles)
- A half-face respirator with either an organic-vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G).
- A respirator is not required if the occupants are within an enclosed cab that is in conformance with one of the following: 1) ASAE Standard S525 sections 7.1.5, 7.1.7, 7.2.3, and 9, or 2) the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides – 40 CFR 170.240(d)(5). The cab must be equipped with a vapor-adsorptive filter containing a minimum of 1000 grams activated charcoal. The filter must be changed after no more than 50 hours of application time. See further respirator requirements in the User Safety Requirements section on this label.

- In addition, the PPE specified in (1) for activities with direct liquid contact potential must be immediately available and must be worn if the handler is to perform any direct-contact activity with a potential for liquid contact.

3. Handlers in Treated Area Within 24 Hours After Application

Only the following handler tasks may be performed in the treated area within 24 hours after the application is complete:
- Assessing/adjusting the soil seal
- Assessing pest control, application technique, or application efficacy
- Sampling air or soil for this product

All other tasks are prohibited until the 24-hour period has expired.

Handlers in the treated area within 24 hours after application must wear at a minimum:
- Loose fitting or well ventilated long-sleeved shirt and long pants
- Shoes and socks
- A face shield or safety glasses with brow and temple shields (do not wear chemical goggles)
- A half-face respirator with either an organic-vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G).
- A respirator is not required if the occupants are within an enclosed cab that is in conformance with one of the following: 1) ASAE Standard S525 sections 7.1.5, 7.1.7, 7.2.3, and 9, or 2) the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides – 40 CFR 170.240(d)(5). The cab must be equipped with a vapor-adsorptive filter containing a minimum of 1000 grams activated charcoal. The filter must be changed after no more than 50 hours of application time. See further respirator requirements in the User Safety Requirements section on this label.
- In addition, the PPE specified in (1) for activities with direct liquid contact potential must be immediately available and must be worn if the handler is to perform any direct-contact activity with a potential for liquid contact.

4. Handlers Exposed to High Concentrations

Handlers exposed to high airborne concentrations of this product, such as cleanup following large spills and exposure to this product in poorly ventilated areas, must wear at a minimum:
- Chemical-resistant suit
- Chemical-resistant gloves, such as barrier laminate (EVAL) or viton
- Chemical -resistant footwear plus socks
- Chemical-resistant headgear
- Supplied-air respirator with MSHA/NIOSH approval number prefix TC-19C **or** self-contained breathing apparatus (SCBA) with MSHA/NIOSH approval number prefix TC-13F. See further respirator requirements in the User Safety Requirements section on this label.

Note: In-tank cleaning of bulk tanks must be performed only by persons who have been specifically trained for this activity. Refer to OSHA 29 CFR Part 1910.146 and Curfew User's Guide section on Storage Tanks.

Engineering Controls

Mechanical Transfer System: Personal protective equipment specified for Direct Contact Activities must be worn by the operator of the mechanical transfer system.

End-Row Spillage Control: The dispensing system must shut off the feed stream when chisels are raised out of the ground. Do not stop or park near any area where dribble from chisel tips has fallen.

- A flow shutoff device must be placed as close as is technically feasible to the fluid discharge point. This can be a ball, poppet, or diaphragm check valve, or full flow shutoff device such as an electric or pneumatically actuated valve.

- Check valves must be replaced immediately if continuous drip occurs.
- Place check valves above the orifice.
- Isolate the check valve from upstream pressure by installing a main line shut off or bypass valve prior to the manifold.
- Do not exceed 1/4-inch diameter tubing.
- Do not use any method of end-row spillage control other than that stated on this label.
- An alternative to shutoff devices is a purge system which clears the line of all liquid. Consult your Dow AgroSciences representative for purge system description.

With all bulk and mini-bulk containers, Curfew must be transferred through connecting hoses, pipes, and/or couplings sufficiently tight to prevent workers or other persons from coming in contact with liquid Curfew.

- All hoses, piping, and tanks used in connection with Curfew shall be of the type appropriate for use under the pressure and vacuum conditions to be encountered.
- External sight gauges shall be equipped with valves so that pipes to sight gauge can be shut off in case of breakage or leakage.
- The mechanical transfer system must be adequate to make necessary measurements of the pesticide being used.
- Shut-off devices must be installed on the exit end of all hoses and at all disconnect points to prevent leakage of Curfew when the transfer is stopped and hose is removed or disconnected. A dry coupler that will **minimize pesticide leakage** must be installed at the disconnect point.
- The pressure in hoses used to move Curfew beyond a pump **must not exceed** the manufacturer's maximum pressure specification.

User Safety Requirements

1. **Respirator Requirements:** When a respirator is required for use with this product, the following criteria must be met:
   a. Cartridges or canisters must be replaced daily or when odor or irritation from this product becomes apparent, whichever is sooner.
   b. Respirators must be fit-tested and fit-checked using a program that conforms to OSHA's requirements (described in 29 CFR Part 1910.134).
   c. Respirator users must be trained using a program that conforms to OSHA's requirements (described in 29 CFR Part 1910.134).
   d. Respirator users must be examined by a qualified medical practitioner to ensure physical ability to safely wear the style of respirator to be worn.
2. **Dispose of Contaminated Clothing:** Discard clothing and other absorbent materials that have been drenched or heavily contaminated with liquid from this product. Do not reuse them.
3. **Clean and Maintain PPE:** Follow 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. Wash PPE after each day's use.
4. **Contact with Mouth:** Never siphon this product by mouth or use mouth to blow out clogged lines, nozzles, etc.
5. **Heat Illness Avoidance:** Use measures to avoid or minimize heat illness while using this product. These measures include gradual adjustment to heat and respirator stress, fans for cooling, cooling vests, frequent breaks to cool down, frequent intake of drinking water, and maintaining weight from day to day.

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 inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. If breathing is difficult, give oxygen. Call a poison control center or doctor for further treatment advice.
If on skin or clothing: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a poison control center or doctor for treatment advice. If water is not immediately available, remove excess chemical from skin with adsorbent material such as towel or dry soil, then proceed at once to a location where water is available and thoroughly wash contaminated skin with plenty of water. Call a poison control center or doctor for treatment advice.
If in eyes: Immediately flush eyes with plenty of water. 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 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: Because rapid absorption may occur through lungs if product is aspirated and cause systemic effects, the decision to induce vomiting or not should be made by a physician. If lavage is performed, endotracheal and/or esophageal control is suggested. Danger from lung aspiration must be weighed against toxicity when considering emptying the stomach.

Environmental Hazards

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by disposal of equipment washwaters. See Storage and Disposal section. In case of spills properly dispose of contaminated materials.

Groundwater advisory: 1,3-dichloropropene is known to move through soil and under certain conditions has the potential to reach groundwater as a result of agricultural use. Application in areas where soils are permeable and groundwater is near the surface could result in groundwater contamination. Do not apply within 100 feet of any well used for potable water. Do not apply in areas overlying karst geology.

Physical or Chemical Hazards

Flammable. Do not use, pour, spill or store near heat or open flame. Do not cut or weld container.

(Storage and Disposal for refillable rigid containers larger than 5 gal)

Storage and Disposal

Do not contaminate water, food or feed by storage and disposal.
Pesticide Storage: Store in tightly-closed original container in a cool place away from dwellings. Do not allow contamination of seeds, plants, fertilizers, or other pesticide chemicals.
Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinsates 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.
Because Curfew is corrosive under certain conditions, flush all application equipment with fuel oil, kerosene or a similar type of petroleum solvent immediately after use. Fill pumps and meters with new motor oil or a 50% motor oil/fuel oil mixture before storing. **Do not use water.** Dispose of rinsate by applicable federal, state and local regulations. Never introduce rinsate or unused Curfew into surface or underground water supplies.
Container Handling: 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. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

(Storage and Disposal for nonrefillable rigid containers larger than 5 gal)

Storage and Disposal

Do not contaminate water, food or feed by storage and disposal.
Pesticide Storage: Store in tightly-closed original container in a cool place away from dwellings. Do not allow contamination of seeds, plants, fertilizers, or other pesticide chemicals.
Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinsates 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.
Because Curfew is corrosive under certain conditions, flush all application equipment with fuel oil, kerosene or a similar type of petroleum solvent immediately after use. Fill pumps and meters with new motor oil or a 50% motor oil/fuel oil mixture before storing. **Do not use water.** Dispose of rinsate by applicable federal, state and local regulations. Never introduce rinsate or unused Curfew into surface or underground water supplies.
Container Handling: Nonrefillable container. Do not reuse or refill this container.
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 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. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

Refer to label booklet for Directions for Use.

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.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

EPA Reg. No. 62719-32 EPA Est. _____

®Trademark of Dow AgroSciences LLC
Produced for
Dow AgroSciences LLC
9330 Zionsville Road
Indianapolis, IN 46268

Net Contents ____

(Label booklet cover):

RESTRICTED USE PESTICIDE
Due to high acute inhalation toxicity and carcinogenicity.
For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

Curfew®

Soil Fumigant

- **A liquid soil fumigant for control of parasitic nematodes in turf**
- **Controls mole crickets present at the time of application**

ATTENTION
- **Section 24(c) Special Local Need Registration**
- **For Distribution and Use Only in States with a Valid Section 24(c) Label**

This product cannot be used without a valid state-specific Section 24(c) label which must be in the possession of the user at the time of application.

Active Ingredient:	(by weight)
1,3-dichloropropene	97.5%
Other Ingredients	2.5%
Total	100.0%

1 gallon of Curfew weighs 10.1 lb at 70°F.

Keep Out of Reach of Children

WARNING AVISO

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 additional precautionary information including Directions for Use.

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.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

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9330 Zionsville Road
Indianapolis, IN 46268

Net Contents _____

(Page 1 through end):

Precautionary Statements

Hazards to Humans and Domestic Animals

WARNING

Hazardous Liquid And Vapor

- **Do not swallow any of this product. May be fatal if swallowed.**
- **Do not get in eyes. Causes substantial, but temporary eye injury.**
- **Do not get on skin. May be fatal if absorbed through the skin. Causes skin irritation and, if confined, skin burns. May cause allergic skin reaction.**
- **Do not breathe vapor. May be fatal if inhaled. May cause lung, liver, and kidney damage and respiratory system irritation upon prolonged contact.**
- **The use of this product may be hazardous to your health. This product contains 1,3-dichloropropene, which has been determined to cause tumors in laboratory animals. Risks can be reduced by exactly following directions for use, precautionary statements, by wearing the personal protective equipment specified in this labeling.**

Personal Protective Equipment (PPE)

Chemical-Resistant Materials: Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category H on an EPA chemical resistance category selection chart. PPE constructed of saranex, neoprene, and chlorinated polyethylene provide short-term contact or splash protection against liquid in this product. Longer-term protection is provided by PPE constructed of viton, Teflon, and EVAL barrier laminates (for example, responder suits manufactured by Life-guard or silvershield gloves manufactured by North). Where chemical-resistant materials are required, leather, canvas, or cotton materials offer no protection from this product and must not be worn when contact with this product is possible. Coveralls must be loose-fitting and constructed of woven fabrics (e.g., tight knit cotton or cotton/polyester), non-woven fabrics (e.g., tyvek or sontara), or fabrics containing microporous Teflon.

1. **Handlers Performing Tasks with Liquid Contact Potential**

   Tasks with liquid contact potential are tasks performed outdoors or in a well-ventilated area. They include:
   - Equipment calibration or adjustment
   - Equipment clean-up and repair
   - Product sampling
   - Any activity less than 6 feet from an unshielded pressurized hose containing this product
   - Rinsate disposal
   - Fumigant transfer
   - Clean-up of small spills
   - Preparing containers for aeration
   - Any other task not otherwise listed in (2), (3), or (4) below

   Handlers performing tasks with liquid contact potential must wear at a minimum:
   - Coveralls over short-sleeved shirt and short pants
   - Chemical-resistant gloves, such as barrier laminate (EVAL) or viton
   - Chemical-resistant footwear plus socks
   - Chemical-resistant headgear for overhead exposure
   - Chemical-resistant apron
   - A face shield or safety glasses with brow and temple shields (do not wear chemical goggles)
   - A half-face respirator with either an organic-vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or canister approved for pesticides

(MSHA/NIOSH approval number prefix TC-14G). See further respirator requirements in the User Safety Requirements section on this label.

2. Handlers Performing Tasks with No Liquid Contact Potential

Tasks with no liquid contact potential are tasks performed outdoors or in a well-ventilated area. These tasks include:
- Tractor driving
- Soil sealing
- Field activities on the date of application that do not disrupt the soil at the depth of liquid injection

Handlers performing tasks with no liquid contact potential must wear at a minimum:
- Loose fitting or well ventilated long-sleeved shirt and long pants
- Shoes and socks
- A face shield or safety glasses with brow and temple shields (do not wear chemical goggles)
- A half-face respirator with either an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G).
- A respirator is not required if the occupants are within an enclosed cab that is in conformance with one of the following: 1) ASAE Standard S525 sections 7.1.5, 7.1.7, 7.2.3, and 9, or 2) the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides – 40 CFR 170.240(d)(5). The cab must be equipped with a vapor-adsorptive filter containing a minimum of 1000 grams activated charcoal. The filter must be changed after no more than 50 hours of application time. See further respirator requirements in the User Safety Requirements section on this label.
- In addition, the PPE specified in (1) for activities with direct liquid contact potential must be immediately available and must be worn if the handler is to perform any direct-contact activity with a potential for liquid contact.

3. Handlers in Treated Area Within 24 Hours After Application

Only the following handler tasks may be performed in the treated area within 24 hours after the application is complete:
- Assessing/adjusting the soil seal
- Assessing pest control, application technique, or application efficacy
- Sampling air or soil for this product

All other tasks are prohibited until the 24-hour period has expired.

Handlers in the treated area within 24 hours after application must wear at a minimum:
- Loose fitting or well ventilated long-sleeved shirt and long pants
- Shoes and socks
- A face shield or safety glasses with brow and temple shields (do not wear chemical goggles)
- A half-face respirator with either an organic-vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G).
- A respirator is not required if the occupants are within an enclosed cab that is in conformance with one of the following: 1) ASAE Standard S525 sections 7.1.5, 7.1.7, 7.2.3, and 9, or 2) the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides – 40 CFR 170.240(d)(5). The cab must be equipped with a vapor-adsorptive filter containing a minimum of 1000 grams activated charcoal. The filter must be changed after no more than 50 hours of application time. See further respirator requirements in the User Safety Requirements section on this label.
- In addition, the PPE specified in (1) for activities with direct liquid contact potential must be immediately available and must be worn if the handler is to perform any direct-contact activity with a potential for liquid contact.

4. Handlers Exposed to High Concentrations

Handlers exposed to high airborne concentrations of this product, such as cleanup following large spills and exposure to this product in poorly ventilated areas, must wear at a minimum:
- Chemical-resistant suit
- Chemical-resistant gloves, such as barrier laminate (EVAL) or viton
- Chemical -resistant footwear plus socks
- Chemical-resistant headgear
- Supplied-air respirator with MSHA/NIOSH approval number prefix TC-19C **or** self-contained breathing apparatus (SCBA) with MSHA/NIOSH approval number prefix TC-13F. See further respirator requirements in the User Safety Requirements section on this label.

Note: In-tank cleaning of bulk tanks must be performed only by persons who have been specifically trained for this activity. Refer to OSHA 29 CFR Part 1910.146 and Curfew User's Guide section on Storage Tanks.

Engineering Controls

Mechanical Transfer System: Personal protective equipment specified for Direct Contact Activities must be worn by the operator of the mechanical transfer system.

End-Row Spillage Control: The dispensing system must shut off the feed stream when chisels are raised out of the ground. Do not stop or park near any area where dribble from chisel tips has fallen.

- A flow shutoff device must be placed as close as is technically feasible to the fluid discharge point. This can be a ball, poppet, or diaphragm check valve, or full flow shutoff device such as an electric or pneumatically actuated valve.
- Check valves must be replaced immediately if continuous drip occurs.
- Place check valves above the orifice.
- Isolate the check valve from upstream pressure by installing a main line shut off or bypass valve prior to the manifold.
- Do not exceed 1/4-inch diamter tubing.
- Do not use any method of end-row spillage control other than that stated on this label.
- An alternative to shutoff devices is a purge system which clears the line of all liquid. Consult your Dow AgroSciences representative for purge system description.

With all bulk and mini-bulk containers, Curfew must be transferred through connecting hoses, pipes, and/or couplings sufficiently tight to prevent workers or other persons from coming in contact with liquid Curfew.

- All hoses, piping, and tanks used in connection with Curfew shall be of the type appropriate for use under the pressure and vacuum conditions to be encountered.
- External sight gauges shall be equipped with valves so that pipes to sight gauge can be shut off in case of breakage or leakage.
- The mechanical transfer system must be adequate to make necessary measurements of the pesticide being used.
- Shut-off devices must be installed on the exit end of all hoses and at all disconnect points to prevent leakage of Curfew when the transfer is stopped and hose is removed or disconnected. A dry coupler that will **minimize pesticide leakage** must be installed at the disconnect point.
- The pressure in hoses used to move Curfew beyond a pump **must not exceed** the manufacturer's maximum pressure specification.

User Safety Requirements

1. **Respirator Requirements:** When a respirator is required for use with this product, the following criteria must be met:
   a. Cartridges or canisters must be replaced daily or when odor or irritation from this product becomes apparent, whichever is sooner.
   b. Respirators must be fit-tested and fit-checked using a program that conforms to OSHA's requirements (described in 29 CFR Part 1910.134).

c. Respirator users must be trained using a program that conforms to OSHA's requirements (described in 29 CFR Part 1910.134).
d. Respirator users must be examined by a qualified medical practitioner to ensure physical ability to safely wear the style of respirator to be worn.

2. **Dispose of Contaminated Clothing:** Discard clothing and other absorbent materials that have been drenched or heavily contaminated with liquid from this product. Do not reuse them.
3. **Clean and Maintain PPE:** Follow 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. Wash PPE after each day's use.
4. **Contact With Mouth:** Never siphon this product by mouth or use mouth to blow out clogged lines, nozzles, etc.
5. **Heat Illness Avoidance:** Use measures to avoid or minimize heat illness while using this product. These measures include gradual adjustment to heat and respirator stress, fans for cooling, cooling vests, frequent breaks to cool down, frequent intake of drinking water, and maintaining weight from day to day.

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 inhaled: 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. If breathing is difficult, give oxygen. Call a poison control center or doctor for further treatment advice.
If on skin or clothing: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a poison control center or doctor for treatment advice. If water is not immediately available, remove excess chemical from skin with adsorbent material such as towel or dry soil, then proceed at once to a location where water is available and thoroughly wash contaminated skin with plenty of water. Call a poison control center or doctor for treatment advice.
If in eyes: Immediately flush eyes with plenty of water. 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 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: Because rapid absorption may occur through lungs if product is aspirated and cause systemic effects, the decision to induce vomiting or not should be made by a physician. If lavage is performed, endotracheal and/or esophageal control is suggested. Danger from lung aspiration must be weighed against toxicity when considering emptying the stomach.

Environmental Hazards

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by disposal of equipment washwaters. See Storage and Disposal section. In case of spills properly dispose of contaminated materials.

Groundwater advisory: 1,3-dichloropropene is known to move through soil and under certain conditions has the potential to reach groundwater as a result of agricultural use. Application in areas where soils are

permeable and groundwater is near the surface could result in groundwater contamination. Do not apply within 100 feet of any well used for potable water. Do not apply in areas overlying karst geology.

Physical or Chemical Hazards

Flammable. Do not use, pour, spill, or store near heat or open flame. Do not cut or weld container.

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.

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

Formulation of this product into other end-use products is prohibited.

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. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

Entry Restrictions

Entry by any person -- other than a correctly trained and equipped handler who is performing a handling task permitted on this labeling -- is **prohibited** from the start of application until 24 hours after application.

Notification:
Notify workers of the application by warning them orally and by posting fumigant warning signs at entrances to treated areas. The sign must bear the skull and crossbones symbol and state: (1) "**DANGER/PELIGRO,"** (2) Areas under fumigation, **DO NOT ENTER/NO ENTRE,"** (3) the date and time of fumigation, (4) "Curfew Fumigant in use," and (5) name, address, and telephone number of the applicator." Post the fumigant warning sign instead of the WPS sign for this application, but follow all WPS requirements pertaining to location, legibility, size and timing of posting and removal.

PPE for Reentry During the Entry-Restricted Period:
PPE for entry that is permitted by this labeling is listed in the Hazards to Humans and Domestic Animals section of this labeling.

Storage and Disposal

Do not contaminate water, food or feed by storage and disposal.
Pesticide Storage: Store in tightly-closed original container in a cool place away from dwellings. Do not allow contamination of seeds, plants, fertilizers, or other pesticide chemicals.
Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinsates 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.
Because Curfew is corrosive under certain conditions, flush all application equipment with fuel oil, kerosene or a similar type of petroleum solvent immediately after use. Fill pumps and meters with new motor oil or a 50% motor oil/fuel oil mixture before storing. **Do not use water.** Dispose of rinsate by applicable federal, state and local regulations. Never introduce rinsate or unused Curfew into surface or underground water supplies.

Refillable containers 5 gallons or larger:
Container Handling: 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. 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. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

Nonrefillable containers 5 gallons or larger:
Container Handling: Nonrefillable container. Do not reuse or refill this container.
Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse** as follows: Empty the remaining contents into application equipment. 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 com[plete 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 tan 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 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. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

General Information

Curfew® soil fumigant is a liquid fumigant for control of parasitic nematodes in turf. Curfew will control mole crickets present in the treatment area at the time of application.

General Use Precautions and Restrictions

Soil fumigation using Curfew must be conducted according to directions and conditions of use described in this labeling, and only by applicators trained by Dow AgroSciences and using approved equipment.

Do not use containers, pumps or other transfer equipment made of aluminum, magnesium or their alloys, as under certain conditions Curfew may be severely corrosive to such metals.

Equipment Clean-up: Because Curfew is corrosive under certain conditions, flush all application equipment with fuel oil, kerosene or a similar type of petroleum solvent immediately after use. Fill pumps and meters with new motor oil or a 50% motor oil/fuel oil mixture before storing. **Do not use water.** Dispose of rinsate by incorporation into field just treated or by other approved means. Never introduce rinsate or unused Curfew into surface or underground water supplies.

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

Aerification: Aerification of the area to be treated should not occur 7 days prior to or 7 days after application of Curfew.

Application Rates

Refer to state-specific Section 24(c) label for approved uses, application timing and restrictions.

This product cannot be used without a valid state-specific Section 24(c) label. The label must be in the possession of the user at the time of application. The Section 24(c) label can be obtained from state and/or county authorities where it is valid. Please contact your Dow AgroSciences representative for further information.

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. 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. 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. Plant 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 temperature, 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. All such risks shall be assumed by buyer.

Limitation of Remedies

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.

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. 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.

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Accepted: __/__/__

Supplemental Labeling

Dow AgroSciences

Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268-1054 USA

RESTRICTED USE PESTICIDE
Due to high acute inhalation toxicity and carcinogenicity.
For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

Curfew®

EPA Reg. No. 62719-32

EPA 24(c) Special Local Need Registration SLN FL-990014
(For Distribution and Use Only in the State of Florida)

For Control of Parasitic Nematodes and Mole Crickets Present at the Time of Application on Golf Course Turf and Athletic Fields

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Curfew® soil fumigant before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Curfew according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Curfew.

Active Ingredient:	(by weight)
1,3-dichloropropene	97.5%
Other Ingredients	2.5%
Total	100.0%

1 gallon of Curfew weighs 10.1 lb at 70°F. Contains 9.85 lb of 1,3-D per gallon.

Directions for Use

Inject Curfew at a rate of 3 to 5 gallons per acre. At least one-half inch of rainfall or irrigation must be applied to the treated area immediately after application. **Note:** This product is for use only by Certified Custom Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicators' certification.

Entry Restrictions: Do not enter treated area to mow or fertilize for 24 hours after the end of the application. Do not allow any person (other than a trained and equipped handler who is performing a handling task as permitted on the labeling) to enter a treated area from the start of the application until 24 hours after the end of the application. This includes irrigation-related tasks in a treated area as follows:

- For irrigation tasks that disrupt the soil at the depth of liquid injection, follow labeling requirements for handlers performing tasks with liquid contact potential.
- For irrigation tasks that do not disrupt the soil at the depth of liquid injection, follow labeling requirements for handlers performing tasks with no liquid contact potential.

Notification of Employees: Notify employees of the application, warning them orally and by posting fumigant warning signs at entrances to treated areas. The sign must bear the skull and crossbones symbol and state: (1) "**DANGER/PELIGRO,**" (2) Areas under fumigation, **DO NOT ENTER/NO ENTRE,**" (3) the date and time of fumigation, (4) "Curfew Fumigant in use," and (5) name, address, and telephone

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number of the applicator." Signs must remain in place from the start of the application to the treated area until a minimum of 24 hours has elapsed after end of the application.

Notification of Non-Employees: Notify non-employees by conspicuously posting signs around the perimeter of all treated areas. Signs must remain in place from the start of the application to the treated area until a minimum of 24 hours has elapsed after the end of the application. The signs must meet the following criteria:

- Be at least 4 inches by 5 inches in size
- Be constructed of a rigid, durable, waterproof material
- Have a background and lettering of contrasting colors
- State: "**WARNING/AVISO. DO NOT ENTER/NO ENTRE,** Fumigant-treated area."

Groundwater Advisory (this advisory supersedes the advisory on the container label)**:** 1,3-dichloropropene is known to move through soil and under certain conditions has the potential to reach groundwater as a result of use. Application in areas where soils are permeable and groundwater is near the surface could result in groundwater contamination. Do not apply within 100 feet of any well used for potable water. Do not apply this product within 100 feet from the edge of karst topographical features. Karst topography is identified from landscape features that result from the dissolving activity of water in carbonate rock formations (limestone, dolomite and marble). Surface features that are associated with karst topography include sinkholes, caverns, springs, and sinking or disappearing streams.

Buffer Zone: An application of Curfew shall not be made within 30 feet of an occupied structure such as a school, hospital, business or residence.

Turfgrass Tolerance to Curfew: Bermudagrass, zoysiagrass, seashore paspalum, creeping bentgrass, and perennial ryegrass have shown good tolerance to Curfew when applied as specified in this label. Before applying Curfew to other turfgrass species, perform a small-scale test under local conditions to determine the potential for phytotoxic injury before applying to large areas.

Application Timing: Curfew may be applied throughout the year, but turfgrass should be actively growing at the time of application.

Soil Moisture: At the time of application soil moisture should be adequate to support good turf growth and maintained at that level for at least 7 days after application, including the addition of irrigation if needed.

Fertilization: General recommendation - Application of at least 1/2 lb of water soluble nitrogen per 1000 sq ft to the area to be treated is recommended within 3 days prior to application. Application of an additional 1/2 lb of water soluble nitrogen per 1000 sq ft to the treated area is recommended within 30 days following application to optimize turf response. The nitrogen rate needs to be adjusted to the particular grass grown and the time of application.

Placement of the Fumigant: Curfew should be placed in the soil a minimum of 5 inches deep.

Sealing the Soil After Application: A press wheel or other approved sealing device is required behind the fumigant delivery tube. At least one-half inch of rainfall or irrigation must be applied to the treated area immediately after application.

Phytotoxicity: Some phytotoxic effects may result from this treatment. These effects usually disappear within 14 days after application. Failure to irrigate immediately after application will increase the potential for phytotoxic effects. Neither Dow AgroSciences nor its approved applicators shall be held liable for short-term phytotoxic effects such as yellowing, foliar burn, or striping due to cut marks.

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R089-021
Approved: __/__/__
Replaces R089-013.

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