

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

Rodney Akers Arysta LifeScience North America 15401 Weston Parkway, Suite 150 Cary, NC 27513

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

JAN 1 0 2012

Subject:

Midas EC Bronze

EPA Reg. No. 66330-58

Phase 2 RED Mitigation Amendment Dated December 22, 2011

EPA Decision Number 459341

Dear Dr. Akers:

The amended label referred to above, submitted in connection with reregistration of chloropicrin under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable provided the following label revisions are made and the following conditions are met:

LABEL REVISIONS

- 1. On page 12, in the Respiratory Protection and Stop Work Triggers section under number 1 Option 1 letter b) revise the second sub bullet to read, "Two consecutive iodomethane breathing zone samples taken at the handling site at least 15 minutes apart must be less than or equal to 5 ppm,"
- 2. On page 32, in STORAGE AND DISPOSAL, make the following revisions:
 - a. Change "Handling" to "Container Handling"
 - b. Revise the first sentence in HANDLING to read "Do not subject cylinders to rough handling or mechanical shock..."

CONDITIONS

1. EPA has determined that the risk mitigation measures on the revised label for this product are necessary to adequately protect human health and the environment. Therefore, pursuant to 40 CFR § 152.130(d), EPA has decided that no product bearing

previously approved labeling may be sold or distributed (released for shipment) by its registrant after December 1, 2012. Wherever state approval is required for sale or distribution of this product with this new labeling, EPA strongly encourages you to submit an application to the state authority as soon as possible. You should be aware that the Agency does not intend to modify the December 1, 2012 deadline because of any failure to obtain state approvals.

2. Submit one copy of the final printed label that incorporates the required changes before the product is released for shipment.

One copy of the label stamped "Accepted with comments" is enclosed for your records. If you have any questions, please contact Andrea Mojica by phone at 703-308-0122 or via email at mojica.andrea@epa.gov or Mary Waller by phone at 703-308-9354 or email at waller.mary@epa.gov.

Sincerely,

Mary L. Waller
Product Manager (21)

Fungicide Branch

Registration Division (7504P)

Enclosure

RESTRICTED USE PESTICIDE DUE TO ACUTE TOXICITY

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.

MIDAS® EC BRONZE FOR SALE AND USE IN STATES OTHER THAN CALIFORNIA

Only For Pre-Plant Fumigations of Fields Intended for Commercial Production of Listed Crops and Field-Grown Ornamentals, for the Control of Soil-Borne Pests Including Weed Seeds, Nematodes, Insects, and Diseases

ACTIVE INGREDIENTS:	
lodomethane	49.90%
Chloropicrin	44.78%
OTHER INGREDIENTS:	5.32%
TOTAL:	100.00%
One gallon weighs 15.9 nounds (7.93 nounds lodomethane and	7 12 nounds Chloropicrin)

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).

	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, and then continue rinsing. Call a poison control center or doctor for treatment advice. 				
lf 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 inhaled	 Move person to fresh air. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice. 				
lf 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 to an unconscious person. 				

HOT LINE NUMBERS

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE CALL:1-866-303-6952 or 1-651-632-8946

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage. Symptoms of overexposure may include irritation to eyes, skin, and respiratory system, shortness of breath, nausea, vomiting, dizziness, ataxia, slurred speech, drowsiness, blurred vision, staggering gait and mental imbalance, with probable recovery after period of no exposure. Treatment is symptomatic.

			A : A STONAL
EPA Reg. No. 663	30-58	EPA Est. No.	with COMM
ADXXXXXX			In EPA Letter
For Product Infor	mation Call: 1-866-761-9397		1/10/
Net Weight:	lbs		111-1

Produced for Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150 Cary, NC 27513 1/10/20/2

Under the Faderal Instaticide, Function, and Rodenticide Act, as amended, for the postetic registered ander EFA Reg. No. 66330-58

Dated

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PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

Danger. Corrosive. Causes irreversible eye damage. Corrosive to skin. Causes skin burns. May be fatal if inhaled or swallowed. Harmful if absorbed through skin. Do not get in eyes, on skin or on clothing. Do not breathe vapor. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

SPECIAL NOTE: This product contains chloropicrin, a poisonous liquid or vapor. Inhalation of vapors may be fatal. Chloropicrin is readily identified by smell. Exposure to very low concentrations of vapor will cause irritation of eyes, nose and throat. Continued exposure after irritation is evident or higher concentrations may cause painful irritation to the eyes or temporary blindness. Liquid will cause chemical burns to skin or eyes. Do not get on skin, in eyes, or on clothing. Chloropicrin fumigant has the capacity to cause marked irritation to the upper respiratory tract and is a strong lachrymator (tear producing eye irritant). Low concentrations, below those necessary to cause serious systemic intoxication, are capable of causing severely painful eye irritation, hence will not be voluntarily tolerated. However, the effect may be so powerful that a person may become temporarily blinded and panic-stricken and that in turn may lead to accidents.

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are barrier laminate or viton ≥ 14 mils. For more options, follow the instructions for category H on the chemical-resistant category selection chart.

When performing tasks with potential for contact with liquid fumigant, all handlers (including applicators) must wear:

- · Loose fitting or well ventilated long-sleeved shirt and long pants,
- Chemical-resistant gloves,
- · Chemical-resistant apron,
- Chemical-resistant footwear with socks,
- · Full-face shield or safety glasses with brow, temple and side protection. DO NOT wear goggles, and
- A half-face air-purifying respirator with a 3M Brand No. 60928 organic vapor (OV) cartridge with a P100 pre-filter, or equivalent (NIOSH approved number prefix TC-84A), or one specifically tested against iodomethane which performs equivalent to the 60928 cartridge filter, including P100 pre-filter.
- In addition, if sensory irritation (tearing, burning, of the eyes or nose) is experienced while wearing a half-face air-purifying respirator, handlers must wear at a minimum a full-facepiece air-purifying respirator with a 3M Brand No. 60928 organic vapor (OV) cartridge with P100 pre-filter (NIOSH approval number prefix TC-84A) or one specifically tested against iodomethane which performs equivalent to the 60928 cartridge filter, including P100 pre-filter.. See Directions for Use, Air Monitoring Requirements and, Respiratory Protection and Stop Work Triggers, number 1: Handlers Wearing Half-Face Air-Purifying Respirators, for when a full-facepiece respirator is required.

When performing tasks with NO potential for contact with liquid fumigant, all handlers (including applicators) present in either the application block from the start of the application until 5 days (120 hours) after the application is complete or the buffer zone during the buffer zone period or performing fumigant site monitoring must wear:

- Loose fitting or well ventilated long-sleeved shirt and long pants.
- Shoes plus socks,
- Full-face shield or safety glasses with brow, temple and side protection. DO NOT wear goggles, and
- A half-face air-purifying respirator with a 3M Brand No. 60928 organic vapor (OV) cartridge with a P100 pre-filter, (NIOSH approval number prefix TC-84A), or one specifically tested against iodomethane which performs equivalent to the 60928 cartridge filter, including P100 pre-filter.
- In addition, if sensory irritation (tearing, burning, of the eyes or nose) is experienced while wearing a half-face air-purifying respirator, handlers must wear at a minimum a full-face air-purifying respirator with a 3M Brand No. 60928 organic vapor (OV) cartridge with P100 pre- filter, (NIOSH approval number prefix TC84A) or one specifically tested against iodomethane which performs equivalent to the 60928 cartridge filter, including P100 pre-filter. See Directions for Use, Air Monitoring Requirements and, Respiratory Protection and Stop Work

Triggers, number 1: Handlers Wearing Half-Face Air-Purifying Respirators, for when a full-facepiece air-purifying respirator is required.

<u>Exception</u>: Handlers performing fumigant site monitoring tasks outside of the buffer zone are not required to wear an air-purifying respirator.

When performing tasks with NO potential for contact with liquid fumigant, all handlers (including applicators) present in the application block 5 days (120 hours) after the application is complete until the entry restricted period expires must wear:

- Loose fitting or well ventilated long-sleeved shirt and long pants,
- · Shoes plus socks, and
- Full-face shield or safety glasses with brow, temple and side protection. DO NOT wear goggles.
- In addition, if sensory irritation (tearing, burning, of the eyes or nose) is experienced, handlers must wear at a minimum a full-facepiece air-purifying respirator with a 3M Brand No. 60928 organic vapor (OV) cartridge with P100 pre-filter (NIOSH approval number prefix TC-84A) or one specifically tested against iodomethane which performs equivalent to the 60928 cartridge filter, including P100 pre-filter. See Directions for Use, Air Monitoring Requirements and Respiratory Protection and Stop Work Triggers, number 2: Handlers in the Application Block 5 days (120 hours) after the Application is Complete until the Entry Restricted Period Expires, for when a full-facepiece air-purifying respirator is required.

Exception: Handlers removing tarps may be required to wear air-purifying respirators if monitoring indicates that iodomethane levels are between 0.2 ppm and 5 ppm. See *Tarp Perforation and/or Removal* section for requirements.

IMPORTANT: A self-contained breathing apparatus (SCBA) is not permitted for routine handler tasks.

If responding to an emergency when corrective action is needed to reduce air concentrations to acceptable levels, wear an SCBA. Escape only SCBA respirators must not be used by handlers for responding to emergencies. In addition wear PPE required for potential contact with liquid fumigant.

User Safety Requirements

- Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.
- 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.

User Safety Recommendations

User should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing and gloves, if worn, immediately if pesticide gets inside, then wash skin thoroughly and put on clean clothing and gloves, if worn.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as
 possible, wash thoroughly and change into clean clothing.

Environmental Hazards

This pesticide is toxic to mammals and birds. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters or rinsate. Iodomethane and chloropicrin have certain properties and characteristics in common with chemicals that have been detected in ground water (iodomethane and chloropicrin are highly soluble in water and have low adsorption to soil).

Physical or Chemical Hazards

Do not use or store near heat, open flames, or sparking electrical equipment. Do not use application devices containing natural rubber, aluminum, magnesium or their alloys.

DIRECTIONS FOR USE

Restricted Use Pesticide

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 this product. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only handlers may be in the application block from the start of the application until the entry restricted period ends and in the buffer zone during the buffer zone period.

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

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard (WPS).

For the entry restricted period and notification requirements, see the **Entry Restricted Period and Notification** sections of this labeling.

PPE for Entry during the Entry Restricted Period: PPE for entry that is permitted by this labeling is listed in the *Personal Protective Equipment (PPE)* section of this labeling.

Terms Used in This Labeling

Soil Fumigant Training Program: Certified applicator training that provides information on (1) how to correctly apply the fumigant, including how to comply with new label requirements; (2) how to protect handlers and bystanders; (3) how to determine buffer zone distances; (4) how to complete an FMP and the post-application summary; (5) how to determine when weather and other site-specific factors are not favorable for fumigant application; (6) how to comply with required GAPs and how to document compliance with GAPs in the FMP; and (7) how to develop and implement emergency response plans.

Fumigant Safe Handling Information: Information that must be provided annually to handlers that must include the following: (1) what fumigants are and how they work, (2) safe application and handling of soil fumigants, (3) air monitoring and respiratory protection requirements for handlers, (4) early signs and symptoms of exposure, (5) appropriate steps to take to mitigate exposures, (6) what to do in case of an emergency, and (7) how to report incidents.

<u>Application Block</u>: Area within the perimeter of the fumigated portion of a field (including furrows, irrigation ditches, roadways). The perimeter of the application block is the border that connects the outermost edges of total area treated with the fumigant product.

Application Rate: The ratio of fumigant mass applied compared to the soil surface area (e.g., pounds of product per acre). The application rate is expressed on this labeling in terms of either the "treated area application rate" or the "broadcast equivalent application rate." The "treated area application rate" relates to only the rate of fumigant applied to the portion of the field that is fumigated (e.g., rate within the bed or strips). The "broadcast equivalent application rate" relates to the rate of fumigant applied within the entire perimeter of the application block. For bedded and strip applications, the "broadcast equivalent application rate" must be calculated to determine the buffer zone distance required by this labeling.

Start of the Application: The time at which the fumigant is first delivered/dispensed into the soil in the application block.

<u>Application is Complete</u>: The time at which the fumigant has stopped being delivered/dispensed into the soil and the soil has been sealed; drip lines have been purged (if applicable).

<u>Entry Restricted Period</u>: This period begins at the start of the application and expires depending on the application method and if tarps are used when the tarps are perforated and removed. Entry into the application block during this period is only allowed for appropriately PPE-equipped handlers performing handling tasks. See the *Entry Restricted Period and Notification* section for additional information.

<u>Buffer Zone</u>: An area established around the perimeter of each application block. The buffer zone must extend outward from the edge of the application block perimeter equally in all directions.

<u>Buffer Zone Period</u>: Begins at the start of the application and lasts for a minimum of 48-hours after the application is complete. Non-handlers must be excluded from the buffer zone during the buffer zone period.

<u>Difficult to Evacuate Sites</u>: Pre-K to Grade 12 schools, state licensed daycare centers, nursing homes, assisted living facilities, hospitals, in-patient clinics, and prisons.

Owner: Any person who has a present possessory interest (fee, leasehold, rental, or other) in an agricultural establishment. A person who has both leased such agricultural establishment to another person and granted that same person the right and full authority to manage and govern the use of such agricultural establishment is not an owner. See definition of "owner" in WPS (40 CFR §170.3).

<u>Roadway:</u> Portion of a street or highway improved, designed or ordinarily used for vehicular travel, exclusive of the sidewalk or shoulder even if such sidewalk or shoulder is used by persons riding bicycles. In the event a highway includes two or more separated roadways, the term *roadway* shall refer to any such roadway separately.

Representative Handling Task: For air monitoring, the locations and handler activities sampled must represent each handler's exposure occurring within the application block. For example, for an application consisting of a seven-handler crew (1 tractor driver, 1 tractor co-pilot, 4 shovelers, and 1 certified applicator supervising) two breathing zone samples could be collected: one sample for the tractor co-pilot and one sample for a downwind shoveler. Results of previous sampling may indicate which tasks and locations are worst case and therefore representative of all handlers.

Certified Applicator Training

Any certified applicator supervising a soil fumigant application must have successfully completed one of the soil fumigant training programs listed on the following EPA website www.epa.gov/fumiganttraining for the active ingredient(s) in this product. The training must be completed in the time frames listed on the website. The FMP must document the date and location where the soil fumigant training program was completed.

Product Information and Instructions

This fumigant is a highly hazardous material. All uses of this fumigant are covered under the Worker Protection Standard, and must be conducted in accordance with all of the requirements of the Worker Protection Standard (40 CFR Part 170). It is a restricted use pesticide that must only be used by Certified Applicators, trained in the proper handling, worker protection, and application of MIDAS EC BRONZE soil fumigant and handlers under their direct supervision. Before using, read the entire label and follow all use directions and precautions. All persons working with this fumigant must be knowledgeable about the hazards and trained in the use of required air-purifying respirator equipment and detector devices, emergency procedures and proper use of the fumigant.

Control of Soil-Borne Pests: MIDAS EC BRONZE controls soil-borne pests including nematodes, insects, weed seeds, and diseases.

MIDAS EC BRONZE will control the following pests when present in soil at the time of treatment:

<u>Weed Seeds</u>, including broadleaf weeds such as nutsedge, pigweed, broomrape and lambsquarters, and grasses such as bermudagrass, and annual bluegrass. Effectiveness against hard seed weeds, such as mallow, dodder, morning glory, and certain leguminous weeds may be variable.

<u>Plant-parasitic Nematodes</u>, such as root-knot, root lesion (meadow), cyst, citrus, burrowing, false root-knot, lance, spiral, ring, stubby root, dagger, awl, sheath and sting (stylet) nematodes.

Soil-borne Insects, such as wireworms, cutworms, grubs, rootworms, ants and garden symphylans.

Soil-borne Diseases, such as Verticillium, Pythium, Rhizoctonia, Phytophthora, and Fusarium.

MIDAS EC BRONZE is not to be used as a preventative treatment for pests that may be introduced after the fumigant has been applied and/or tarps removed. To reduce the potential for the re-introduction of pests (nematodes, weed seed and disease); avoid the use of irrigation water, transplants or equipment that could carry pests into the planting area. Avoid moving infested soil back into the treated area through cultivation or other means.

Restrictions and Use Precautions

- Comply with all local ordinances and regulations.
- The use of this product is restricted to the methods described in this label.
- Applications are limited to 40 contiguous acres or less per day.
- In Florida, do not apply this product within 100 feet of a potable drinking water well.
- Never fumigate alone. A minimum of two persons must be present during handling and application of soil fumigants.
- Additional instructions must be made available to handlers in the mechanical operation of the application
 equipment and how to safely work with the operator while fumigating.
- Always handle this product in the open, with all handlers positioned "upwind" from the container and/or where there is adequate ventilation.
- When fumigating, it is required that 5 gallons of water be available in the service truck. This water must be potable and in containers marked "Decontamination water not to be used for drinking".
- For raised bed drip applications, keep all pets, livestock and other domestic animals out of the treated areas for 5 days. Most raised bed applications will not result in tarp removal.
- Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.
- If you have any questions about calibration, you should contact State Extension Service specialists, equipment
 manufacturers or other experts.
- Fumigation of highly acidic soils or those high in organic matter can cause ammonia toxicity to plants and/or
 elevated levels of soluble salts in the soil causing phytotoxicity. Analyze soil following fumigation and fertilize as
 indicated. Avoid those fertilizers using ammonium salts.
- Apply this product only through buried drip tape. Do not apply this product through any other type of irrigation system. Drip tape used to apply MIDAS EC BRONZE must be buried 2-4 inches beneath the soil surface. Use of a tarp seal is required for all applications of this product.
- Do not connect an irrigation system used for pesticide applications to a public water system unless the pesticide label prescribed safety devices for public water systems are in place. Public water system means a system for the provision to the public of piped water for human consumption, if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
- Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
- The certified applicator or WPS trained handlers under the supervision of and in communication with the certified applicator shall shut the system down and make necessary adjustments should the need arise.

Handlers

The following activities are prohibited from being performed by anyone other than persons who have been appropriately trained and equipped as handlers in accordance with the requirements in WPS (40 CFR Part 170):

- · Monitoring fumigant air concentrations;
- · Cleaning up fumigant spills (this does not include emergency personnel not associated with the application);
- Handling or disposing of fumigant containers;
- Cleaning, handling, adjusting, or repairing the parts of application equipment that may contain fumigant residues;
 and
- Performing any handling tasks as defined by the WPS (40 CFR 170).

The following activities are prohibited from being performed in the application block from the start of the application until the entry restricted period ends and in the buffer zone during the buffer zone period by anyone other than persons who have been appropriately trained and equipped as handlers in accordance with the requirements in WPS (40 CFR Part 170). (NOTE: persons repairing and monitoring tarps are considered handlers for the duration listed below). Prohibited activities (except for trained and equipped handlers) include:

- Participating in the application as supervisors, loaders, drivers, tractor co-pilots, shovelers, cross ditchers, or as other direct application participants:
- Installing, repairing, operating, or removing irrigation equipment;
- Performing scouting, crop advising, or monitoring tasks;
- · Installing, perforating (cutting, punching, slicing, poking), or removing tarps: and
- Repairing or monitoring tarps until 14 days after application is complete if tarps are not perforated and removed during those 14 days.

NOTE: see *Tarp Perforation and/or Removal* section on this labeling for requirements about when tarps are allowed to be perforated.

Handlers do not include local, state, or federal officials performing inspection, sampling, or other similar official duties.

Protection for Handlers

Supervision of Handlers

For water-run applications (e.g., drip), a certified applicator must be in the line of sight of the application at the start of the application, including set-up, calibration, and initiation of the application. A certified applicator may leave but must return at least every two hours to visually inspect the equipment to ensure proper functioning, and must directly supervise all WPS-trained handlers until the application is complete. WPS-trained handlers may perform these monitoring functions in place of a certified applicator but they must be under the supervision of a certified applicator and be able to communicate with a certified applicator at all times during monitoring activities via cell phone or other means,

For handling activities that take place after the application is complete until the entry restricted period expires, the certified applicator is not required to be on-site, but must have communicated in a manner that can be understood by the site owner and handlers responsible for carrying out those activities the information necessary to comply with the label and procedures described in the FMP (e.g., emergency response plans and procedures).

IMPORTANT: This requirement does not override the requirements in the Worker Protection Standard for Agricultural Pesticides for information exchange between operators of agricultural establishments and commercial pesticide applicators.

The certified applicator must provide **Fumigant Safe Handling Information** to each handler or confirm that within the past 12 months, each handler has received **Fumigant Safe Handling Information** in a manner that he/she can understand. **Fumigant Safe Handling Information** will be provided where this product is purchased or at http://www.epa.gov/fumiganttraining.

For all handling tasks at least two handlers must be present.

Exception: After the application is complete, only one trained handler is required to perform fumigant site monitoring tasks outside of the buffer zone.

Exclusion of Non-Handlers from Application Block and Buffer Zone:

The certified applicator supervising the application and the owner of the establishment where the application is taking place must make sure that all persons who are not trained and PPE-equipped and who are not performing one of the handling tasks as stated in this labeling are:

- · excluded from the application block during the entry restricted period, and
- excluded from the buffer zone during the buffer zone period (see buffer zone exemption for transit on roadways in Buffer Zone Requirements section).

Local, state, or federal officials performing inspection, sampling, or other similar official duties are not excluded from the application block or the buffer zone by this labeling. The certified applicator supervising the application and the owner of the establishment where the application is taking place are not authorized to, or responsible for, excluding those officials from the application block or the buffer zone.

Providing, Cleaning and Maintaining PPE

The employer of any handler (as stated in this label) must make sure that all handlers are provided and correctly wear the required PPE. The PPE must be cleaned and maintained as required by the Worker Protection Standard for Agricultural Pesticides.

Air-Purifying Respirator Availability

The employer of any handler must confirm that an air-purifying respirator and appropriate cartridges of the type specified in the PPE section of this labeling are immediately available for each handler who will wear one. At a minimum two handlers must have the appropriate air-purifying respirator and cartridges available (see *Respirator Fit Testing, Medical Qualification, and Training* section for additional requirements)

Exception: Air-purifying respirators do not need to be made available for handlers performing fumigant site monitoring tasks outside of the buffer zone.

Cartridges must be replaced when odor or sensory irritation from this product becomes apparent during use, if the measured concentration of chloropicrin is greater than or equal to 1.5 ppm, if the measured concentration of iodomethane is greater than or equal to 5 ppm, or after 8 hours of cumulative use, whichever occurs first.

Respirator Fit Testing, Medical Qualification and Training

Using a program that conforms to OSHA's requirements (see 29 CFR Part 1910.134), employers must verify that any handler who uses a respirator is:

- · Fit-tested and fit-checked.
- · Trained, and
- Examined by a qualified medical practitioner to ensure physical ability to safely wear the style of respirator to be worn. A qualified medical practitioner is a physician or other licensed health care professional who will evaluate the ability of a worker to wear a respirator. The initial evaluation consists of a questionnaire that asks about medical conditions (such as a heart condition) that would be problematic for respirator use. If concerns are identified, then additional evaluations, such as a physical exam, might be necessary. The initial evaluation must be done before respirator use begins. Handlers must be reexamined by a qualified medical practitioner if their health status or respirator style or use-conditions change.
- Upon request by local/state/federal/tribal enforcement personnel, employers must provide documentation demonstrating how they have complied with these requirements.

Air Monitoring Requirements and Respiratory Protection and Stop Work Triggers

Air Monitoring Requirements

- When half-face or full-facepiece air-purifying respirators are worn, air-monitoring samples for iodomethane must be
 collected at least every 2 hours in the breathing zone of a handler performing a representative handling task.
 Chloropicrin breathing zone samples must also be collected at least every 2 hours if full-facepiece air-purifying
 respirators are worn.
- When breathing zone samples are required, they must be taken outside respiratory protection equipment and within a ten inch radius of the handler's nose and mouth.
- When using monitoring devices to monitor air concentration levels, a direct read detection device, such as an
 electronic device or a colorimetric device (e.g., Matheson-Kitagawa, Dräeger, or Sensidyne) must be used. The
 devices must have a detectable limit of at least 0.2 ppm for iodomethane and 0.15 ppm for chloropicrin. Persons using
 direct read detection devices must follow the manufacturer's directions.

Respiratory Protection and Stop Work Triggers

1. Handlers Wearing Half-Face Air-Purifying Respirators

(Handlers are required to start work in half-face air-purifying respirators)

The Air Monitoring Requirements section above must be followed:

- If at any time an iodomethane breathing zone air sample is greater than 5 ppm, then all handler activities must cease
 and handlers must be removed from the application block and surrounding buffer zone.
 - a. Handlers can resume operations with half-face air-purifying respirators if all of the following conditions exist:
 - Two consecutive iodomethane breathing zone samples taken at the handling site at least 15 minutes apart must be less than or equal to 5 ppm,
 - o Handlers do not experience sensory irritation, and
 - o Cartridges have been changed.
 - During the collection of air samples a full-facepiece air-purifying respirator must be worn by the handler taking air samples. Samples must be taken where the sample(s) exceeded 5 ppm for iodomethane.
- If at any time any handler experiences sensory irritation (tearing, burning of the eyes or nose) while wearing a half-face air-purifying respirator, then either:
 - o (OPTION 1) A full-facepiece air-purifying respirator must be worn by all handlers who remain in the application block or surrounding buffer zone, or
 - (OPTION 2) Operations must cease and handlers not wearing full-facepiece air-purifying respirators must leave the application block and surrounding buffer zone.

For OPTION 1 (all handlers are wearing a full-facepiece air-purifying respirator)

- a. Handlers can **resume** operations wearing half-face air-purifying respirators if all of the following conditions exist:
 - Two consecutive chloropicrin breathing zone samples taken at the handling site at least 15 minutes apart must be less than 0.15 ppm,
 - Two consecutive iodomethane breathing zone samples taken at the handling site at least 15 minutes apart must be less than or equal to 5 ppm.
 - Handlers do not experience sensory irritation.
 - During the collection of air samples a full-facepiece air-purifying respirator must be worn by the handler taking the air samples. Samples must be taken where the sensory irritation was first experienced.
- b. If at any time: (1) a handler experiences sensory irritation when wearing a full-facepiece air-purifying respirator, or (2) an iodomethane breathing zone sample is greater than 5 ppm or (3) a chloropicrin breathing zone sample is greater than or equal to 1.5 ppm, then all handler activities must cease and handlers must be removed from the application block and surrounding buffer zone.
 - Handlers can resume operations wearing half-face air-purifying respirators if all of the following conditions exist:
 - Two consecutive chloropicrin breathing zone samples taken at the handling site at least
 15 minutes apart must be less than 0.15 ppm,
 - Two consecutive iodomethane breathing zone samples taken at the handling site at least
 15 minutes apart must be less than or equal to 5 ppm, and
 - Handlers do not experience sensory irritation, and
 - Cartridges have been changed.
 - During the collection of air samples a full-facepiece air-purifying respirator must be worn by the handler taking the air samples. Samples must be taken where the sensory irritation was first experienced, or where the sample(s) exceeded 5 ppm for iodomethane or where sample(s) were greater than or equal to 1.5 ppm for chloropicrin.

For OPTION 2 (Operations ceased)

- Handlers can resume operations wearing half-face air-purifying respirators if all of the following conditions exist:
 - Two consecutive chloropicrin breathing zone samples taken at the handling site at least 15 minutes apart must be less than 0.15 ppm,
 - Two consecutive iodomethane breathing zone samples taken at the handling site at least 15 minutes apart must be less than or equal to 5 ppm, and
 - Handlers do not experience sensory irritation.
 - During the collection of air samples a full-facepiece air purifying respirator must be worn by the handler taking the air samples. Samples must be taken where the sensory irritation was first experienced.

2. Handlers in the Application Block 5 days (120 hours) after the Application is Complete until the Entry Restricted Period Expires

(Handlers are not required to start in half-face air-purifying respirators)

The Air Monitoring Requirements section above must be followed.

- If at any time any handler experiences sensory irritation (tearing, burning of the eyes or nose) then either:
 - o (OPTION 1) A full-facepiece air-purifying respirator must be worn by all handlers who remain in the application block, or
 - (OPTION 2) Operations must cease and handlers not wearing a full-facepiece air-purifying respirator must leave the application block.

For OPTION 1 (all handlers are wearing a full-facepiece air-purifying respirator)

- a. Handlers can remove full-facepiece air-purifying respirators if all of the following conditions exist:
 - o Two consecutive chloropicrin breathing zone samples taken at the handling site at least 15 minutes apart must be less than 0.15 ppm.
- Two consecutive iodomethane breathing zone samples taken at the handling site at least 15 minutes apart must be less than 0.2 ppm, and
- o Handlers do not experience sensory irritation.
- During the collection of air samples a full-facepiece air purifying respirator must be worn by the handler taking the air samples. Samples must be taken where the sensory irritation was first experienced.
- b. If at any time: (1) a handler experiences sensory irritation when wearing a full-facepiece air-purifying respirator, or (2) an iodomethane breathing zone sample is greater than 5 ppm, or (3) a chloropicrin breathing zone sample is greater than or equal to 1.5 ppm, then all handler activities must cease and handlers must be removed from the application block.
 - i. Handlers can **resume** operations **without** wearing full-facepiece air-purifying respirators if all of the following conditions exist:
 - Two consecutive chloropicrin breathing zone samples taken at the handling site at least 15 minutes apart must be less than 0.15 ppm,
 - Two consecutive iodomethane breathing zone samples taken at the handling site at least 15 minutes apart must be less than 0.2 ppm, and
 - Handlers do not experience sensory irritation.
 - During the collection of air samples a full-facepiece air purifying respirator must be worn by the handler taking the air samples. Samples must be taken where the sensory irritation was first experienced, or where the sample(s) exceeded 5 ppm for iodomethane or where sample(s) were greater than or equal to 1.5 ppm for chloropicrin.
 - ii. Handlers can **resume** operations **with** full-facepiece air-purifying respirators if all of the following conditions exist:
 - Two consecutive chloropicrin breathing zone samples taken at the handling site at least 15 minutes apart must be less than 1.5 ppm,

- Two consecutive iodomethane breathing zone samples taken at the handling site at least 15 minutes apart must be less than or equal to 5 ppm,
- Handlers do not experience sensory irritation, and
- Cartridges have been changed.
- During the collection of air samples, a full-facepiece air-purifying respirator must be worn by the handler taking the air samples. Samples must be taken where the sensory irritation was first experienced, or where the sample(s) exceeded 5 ppm for iodomethane or where sample(s) were greater than or equal to 1.5 ppm for chloropicrin.

For OPTION 2 (Operations ceased)

- a. Handlers can resume operations if all of the following conditions exist:
 - Two consecutive chloropicrin breathing zone samples taken at the handling site at least 15 minutes apart must be less than 0.15 ppm,
 - Two consecutive iodomethane breathing zone samples taken at the handling site at least 15 minutes apart must be less than 0.2 ppm, and
 - o Handlers do not experience sensory irritation.
 - During the collection of air samples a full-facepiece air purifying respirator must be worn by the handler taking the air samples. Samples must be taken where the sensory irritation was first experienced.

Tarp Perforation and/or Removal

IMPORTANT: Persons perforating, repairing, removing, and/or monitoring tarps are defined, within certain time limitations, as handlers (see *Handlers* section), and they must be provided the PPE and other protections for handlers as required on this labeling and in the Worker Protection Standard for Agricultural Pesticides.

- Tarps must not be perforated until a minimum of 5 days (120 hours) have elapsed after the application is complete
 unless a weather condition exists which necessitates early perforation (see Early Tarp Perforation during Flood
 Prevention Activities for Bedded Applications Only requirements).
- Tarps that qualify for a buffer zone credit (See www.tarpcredits.epa.gov for the list of tarps) must not be perforated until a minimum of 10 days (240 hours) have elapsed after the application is complete, unless a weather condition exists which necessitates early perforation (see perforation Only requirements).
- If tarps are perforated within 14 days after the application is complete, tarp removal must not begin until at least 2
 hours after tarp perforation is complete and 2 consecutive iodomethane breathing zone samples taken at least 15
 minutes apart are less than 5 ppm. If the 2 consecutive iodomethane breathing zone samples indicate that
 iodomethane levels are:
 - Less than 0.2 ppm and no sensory irritation is experienced, no respiratory protection is required to begin tarp removal.
 - Between 0.2 ppm and 5 ppm, then an air-purifying respirator is required to begin tarp removal. See the Respiratory Protection and Stop Work Triggers and Personal Protective Equipment section for additional respiratory protection requirements.
- If tarps are perforated but not removed within 14 days after the application is complete, planting or transplanting must not begin until at least 48 hours after the tarp perforation is complete.
- If tarps are not perforated or removed within 14 days after the application is complete, planting or transplanting may take place while the tarps are being perforated.
- Tarps may be perforated manually ONLY for the following situations:
 - At the beginning of each row when a coulter blade (or other device which performs similarly) is used on a motorized vehicle such as an ATV.
 - o In fields that are 1 acre or less.
 - During flood prevention activities.
- In all other instances tarps must be perforated (cut, punched, poked, or sliced) only by mechanical methods.
- Early Tarp Perforation during Flood Prevention Activities for Bedded Application Only:
 - o Tarps perforation is allowed before the 5 days (120 hours) or 10 days (240 hours) have elapsed.

o Tarps must be immediately retucked and packed after soil removal.

Entry Restricted Period and Notification

Entry Restricted Period

Entry into the application block (including early entry that would otherwise be permitted under the WPS) by any person, other than a correctly trained and PPE-equipped handler who is performing a handling task listed on this labeling, is PROHIBITED from the start of the application until:

- 5 days (120 hours) after the application is complete if tarps are not perforated and removed for at least 14 days after the application is complete, or
- 48 hours after tarp perforation is complete if tarps will be perforated within 14 days after the application is complete, or
- Tarp removal is completed if tarps are both perforated and removed less than 14 days after the application is complete.

NOTES: See *Tarp Perforation and/or Removal* section on this labeling for requirements about when tarps are allowed to be perforated.

When listing application information for soil fumigant applications to comply with part 170.122 of the WPS, list the
entry restricted period time frame in place of the REI.

Notification

Notify workers of the application by warning them orally and by posting Fumigant Treated Area signs. The signs must bear the skull and crossbones symbol and state:

- (1) "DANGER/PELIGRO"
- (2) "Areas under fumigation, DO NOT ENTER/NO ENTRE"
- (3) Iodomethane/Chloropicrin Fumigant In Use
- (4) Date and time of fumigation
- (5) Date and time entry restricted period is over
- (6) MIDAS EC BRONZE, and
- (7) Name, address, and telephone number of the Certified Applicator in charge of the fumigation.

Post the Fumigant Treated Area sign instead of the WPS sign for this application but follow all WPS requirements pertaining to location, legibility, text size and sign size, (40 CFR §170.120).

Post the Fumigant Treated Area signs at all entrances to the application block no sooner than 24-hours prior to application

Fumigant Treated Area signs must remain posted for no less than the duration of the entry restricted period.

Fumigant Treated Area signs must be removed within 3 days after the end of the entry restricted period.

Mandatory Good Agricultural Practices (GAPs)

The following GAPs must be followed during all fumigant applications.

- MIDAS EC BRONZE must be transferred through connecting hoses, pipes, and/or couplings sufficiently tight to
 prevent workers or other persons from coming in contact with the liquid.
- All hoses, piping, and tanks used in connection with this product shall be of a type appropriate for use under the
 pressure and vacuum conditions to be encountered.
- Hoses between any fumigant container and the flow meter or flow delivery device must be Teflon® hoses reinforced with stainless steel wire braid or its equivalent.

- External sight gauges, if applicable, shall be equipped with a valve 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 cylinder connections and at all disconnect points to
 prevent leakage of product when the transfer is stopped and hose is removed or disconnected.
- The pressure in hoses used to move the product must not exceed the manufacturer's maximum pressure specifications.
- Check equipment to ensure good condition and integrity prior to each use.

Tarps (tarps are required for all MIDAS EC BRONZE applications. Prior to application, cover the areas to be treated with a tarp).

- A written tarp plan must be developed and included in the FMP.
- · Once a tarp is perforated, the application is no longer considered tarped.
- Tarp edges must be buried along the furrow and at the ends of rows.

Weather Conditions

- To determine if unfavorable weather conditions exist or are predicted (see *Identifying Unfavorable Weather Conditions* section) and whether an application should proceed, the National Weather Service weather forecast must be checked by the certified applicator supervising the application.
 - On the day of, but prior to the start of the application, and
 - On a daily basis during the application if the time period from the start of the application until the application is complete is greater than 24 hours.
- Do not apply if an air stagnation advisory issued by the National Weather Service is in effect for the area in which
 the application is planned during the application or 48 hours after the application is complete.
- Do not apply if light wind conditions (< 2 mph) are forecast to persist for more than 18 consecutive hours form the time the application starts until 48 hours after the application is complete.
- Detailed National Weather Service forecasts for local weather conditions, wind speed, and air stagnation
 advisories may be obtained on-line at: http://www.nws.noaa.gov, on NOAA weather radio, or by contacting your
 local National Weather Service Forecasting Office.

Identifying Unfavorable Weather Conditions

Unfavorable weather conditions block upward movement of air, which results in trapping fumigant vapors near the ground. The resulting air mass can move off-site in unpredictable directions. These conditions typically exist within an hour prior to sunset and continue past sunrise and may persist as late as noontime. Unfavorable conditions are common on nights with limited cloud cover and light to no wind and their presence can be indicated by ground fog or smog and can also be identified by smoke from a ground source that flattens out below a ceiling layer and moves laterally in a concentrated cloud.

Soil Preparation

- Soil must be properly prepared and at the surface generally be free of large clods. The area to be fumigated must be tilled to a depth of at least 5 to 8 inches.
- Field trash must be properly managed. Residue from a previous crop must be worked into the soil to allow for decomposition prior to the start of the application. Little or no crop residue shall be present on the soil surface. Crop residue that is present must not interfere with the soil seal. Removing the crop residue prior to the start of the application is important to limit the natural "chimneys" that occur in the soil when crop residue is present. These "chimneys" allow the soil fumigants to move through the soil quickly and escape into the atmosphere. This may create potentially harmful conditions for workers and bystanders and limit the efficacy of the fumigant. However, crop residue on the field serves to prevent soil erosion from both wind and water and is an important consideration. To accommodate erosion control, fumigant efficacy, and human health protection, clear fields of crop residue as close to the start of the application as possible to limit the length of time that the soil would be exposed to potentially erosive weather conditions.
- Till fields with known plowpans because they can lead to puddling of the fumigant due to inadequate soil drainage.

Prior to All Applications:

 Ensure that application equipment does not contain components made of natural rubber, aluminum, magnesium or their alloys.

During All Applications:

• Do not change cylinders when the fumigant system is under pressure. Change cylinders with all cylinder valves in the off position.

Following All Applications:

- To minimize the potential for crop injury, allow the fumigant to dissipate before planting a crop. Seeds may be
 used as a bioassay to determine if MIDAS EC BRONZE is present in the soil at concentrations sufficient to cause
 plant injury. See fumigation table for planting requirements.
- When using tarps, planting must not occur for at least 10 days after the application is complete. See Table 1 for planting requirements.
- When using tarps that qualify for buffer zone credits, planting must not occur for at least 14 days after application is complete. See Table 1 for planting requirements.

Soil Temperature

- The soil temperature at the depth of 8 inches must not be less than 55° F or exceed 90° F at the beginning of the
 application.
- If air temperatures have been above 100° F in any of the three days prior to the start of the application, then soil
 temperature must be measured and recorded in the FMP. Record temperature measurements at the application depth.

Soil Moisture

For all soil types, pre-application moisture should be dry enough to prevent soil saturation and bed collapse once
application and flushing is complete.

Product and Dosage

- Plan the application by calculating the amount of MIDAS EC BRONZE required at the appropriate rate for the
 crop, acreage and target pest. MIDAS EC BRONZE must be metered into the water supply line and then passed
 through a mixing device, such as a centrifugal pump or static mixer, to assure proper agitation.
- Do not allow treatment solution to accumulate on the soil surface. Do not allow treatment solution to pond, puddle
 or run-off. If run-off occurs, discontinue the application immediately; cover the contaminated soil area with
 untreated soil to absorb the material; and tarp the contaminated area until 48 hours following the end of the
 application.
- MIDAS EC BRONZE must be metered into the water. One gallon of MIDAS EC BRONZE in 1,906 gallons of
 water is equivalent to 1,000 ppm. The dilution rate for drip-line fumigation is 1,400-2,000 ppm (1.40 to 2.00
 gallons of Midas EC Bronze diluted in water to a final volume of 1906 gallons).
- In very sandy soils, apply MIDAS EC BRONZE when soil moisture conditions throughout the treatment zone are near field capacity. When necessary, apply a pre-treatment amount of water to wet the bed and enhance even movement of the material through the soil profile at the time of treatment.

System Controls and Integrity

- The irrigation system (main lines, headers, drip tape) must be thoroughly checked for leaks before the start of application. Leak detection requires that the irrigation system be at full operating pressure. The amount of time needed at full operating pressure will vary by irrigation system design. Look for puddling along major pipes (holes in pipes or leaky joints), at the top and ends of rows (leaky connection, open drip tape), and on the bed surface (damaged drip tape, malfunctioning emitters). Any leaks discovered during the pre-application check must be repaired prior to fumigant application.
- To inject MIDAS EC BRONZE, use a metering system (such as a positive pressure system, positive displacement
 injection pump, diaphragm pump, or a Venturi system) effectively designed and constructed of materials that are
 compatible with the fumigant and capable of being fitted with system interlocking controls. Do not use containers
 pumps or other equipment made of aluminum, magnesium or their alloys as chloropicrin can be corrosive to such
 metals.
- The system must contain:
 - A functional check valve, vacuum-relief valve, and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination and backflow;
 - A functional, automatic, quick-closing check valve to prevent the flow of fluids back toward the fumigant container;

- A functional, normally closed solenoid-operated valve located on the intake side of the injection point and connected to the system interlock to prevent the fumigant from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down;
- Functional interlocking controls to automatically shut off the fumigant injection when the irrigation water flow stops or decreases to the point where fumigant distribution is adversely affected;
- Drip irrigation components made of brass, stainless steel, copper, nickel, polypropylene, polyethylene, Teflon, viton, rigid PVC, and EPDM. Rigid PVC must NOT be exposed to undiluted MIDAS EC BRONZE or more than 2000 ppm of MIDAS EC BRONZE in the diluted form. DO NOT use aluminum, vinyl, plastic (other than polypropylene or polyethylene), zinc or alloys.

Site of Injection and Irrigation System Layout

Site of injection must be as close as practical to the area being treated (such as direct injection of fumigant into
the header pipe/manifold or into an above ground delivery pipe attached to the header). If the fumigant is injected
into a main line, make sure the irrigation pipe is able to be cleared of all fumigant as the fumigant may pool in low
sections of the pipe. Also make sure that valves on lateral lines of the main line are closed, if these lateral lines
lead to areas not being fumigated at the time of the application.

System Flush

After application of MIDAS EC BRONZE, continue to drip-irrigate the area with water to flush the irrigation system.
Do not allow MIDAS EC BRONZE to remain in the irrigation system after the application is complete. The total
volume of water, including the amount used for flushing the irrigation system, must be adequate to completely
remove the fumigant from the lines, but should be less than the amount that could over-saturate the beds (bed
collapse can occur from over-saturation). If common lines are used for both the fumigant application and water
seal (if a water seal is applied) these lines must be adequately flushed before starting the water seal and/or
normal irrigation practices.

TAB	LE 1. RAISED BED DRIP APPLICATION 1	TABLE		
Crop	MIDAS EC BRONZE Per Treated Acre ¹	Time Between Application and Planting ²		
Field-Grown Ornamentals Peppers Strawberries Tomatoes	Tarps 200 - 350 lbs/Treated Acre (12.6 – 22 gal/Treated Acre)	10 – 14 days		
	Tarps that Qualify for Buffer Zone Credits ³ 150- 200 lbs /Treated Acre (9.4 – 12.6 gal /Treated Acre)	14 – 21 days When using tarps that qualify for Buffer Zone Credits		

NOTE:

- 1 For fields infested with Nutsedge and Malva, apply a minimum of 300 lbs/treated acre (18.9 gal/treated acre) of MIDAS EC BRONZE with tarps and 160 lbs/treated acre (10.1 gal/treated acre) with tarps that qualify for Buffer Zone Credits.
- ² Use the longer planting restriction period under conditions of high soil moisture, heavy soils, or rain.
- ³ Contact your Arysta LifeScience representative for tarp selection and rate reduction recommendations.

Rotational Crops

Food/feed crops other than strawberry, tomatoes, and peppers require a 4 month plant back rotation restriction from the date of fumigant application. Crop rotation to non-food crops or non-bearing fruit or nut trees is not restricted.

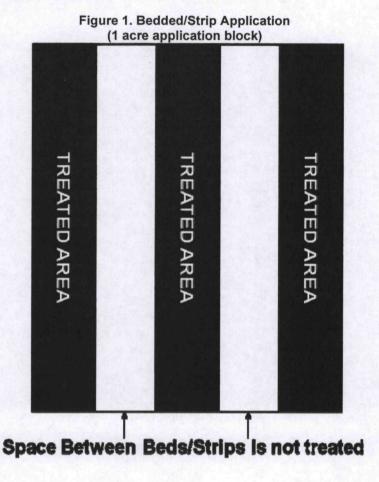
CALCULATING THE BROADCAST EQUIVALENT APPLICATION RATE

To calculate the broadcast equivalent rate for bedded or strip applications the following information is needed:

- pounds (or gallons) of product per treated acre
- strip or bed bottom width (inches)
- center-to-center row spacing (inches)
- application block size (acres)

Pounds (or gallons) of product per treated acre is the ratio of total amount of product applied to the size of the total area treated (e.g., the rate of product applied in the bed). For bedded or strip applications, the total area treated is the summation of the area (i.e., length x width) of each treated bed bottom or strip that is located within the application block as shown by the black areas in Figure 1 (e.g., black areas are 0.6A or 60% of the area within the application block). The area of the space between the beds/strips is not factored in the total area treated.

The application block size is the acreage within the perimeter of the fumigated portion of a field (including furrows, irrigation ditches, roadways). The perimeter of the application block is the border that connects the outermost edges of total area treated with the fumigant product.



The "broadcast equivalent rate" must be calculated with the following formula:

Broadcast equivalent rate
(pounds (or gallons)
product/acre)

strip or bed bottom width
(inches)

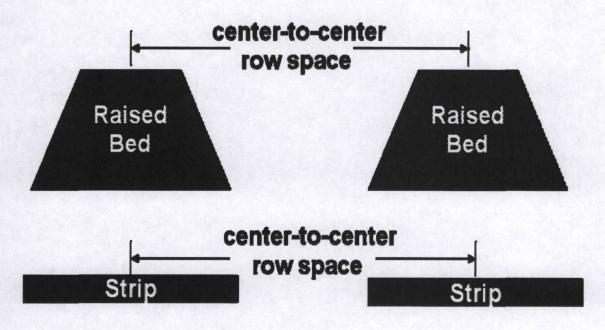
center-to-center row
spacing
(inches)

x

product/
treated acre
applied in the
strip or bed

- The bed width must be measured from the bottom of the bed.
- The center-to-center row spacing must be calculated as shown in Figure 2.
- If there are any ditches, waterways, drive rows and other areas that are not fumigated that are in the
 application block, multiply the above broadcast equivalent equation by (total area of strips or beds +
 row spacing)/(application block size). A sample calculation is provided below.

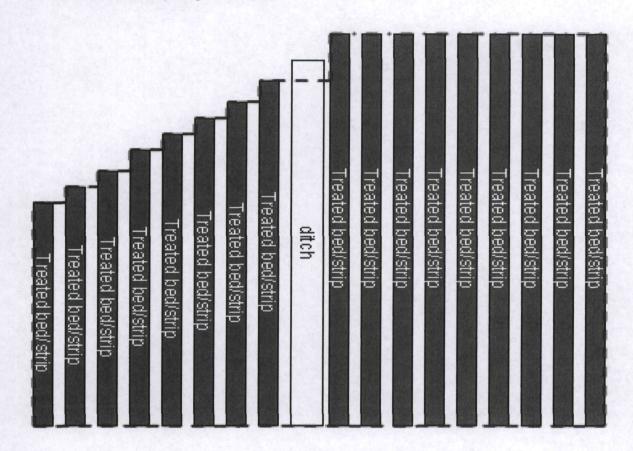
Figure 2. Center Row Spacing



Sample broadcast equivalent rate calculation

Assumptions:

- Application method is shank bedded
- Bed width is 30 inches (measured at the bottom of bed)
- Center-to-center row spacing is 60 inches
- 200 pounds of product per treated acre is applied in the beds
- Total application block size is 10 acres
- Ditch in the middle of application block is 0.25 acres
- Area of beds + row spacing is 9.75 acres



broadcast equivalent rate (pounds product/acre)

= 97.5 pounds product/acre

pounds

product/

treated acre

applied in the

bed

200 pounds product/

treated acre

Buffer Zone Requirements

A buffer zone must be established for every fumigant application. The following describes the buffer zone requirements:

- The buffer zone must extend outward from the edge of the application block perimeter equally in all directions.
- . Buffer zones for application blocks treated with iodomethane must not overlap during the buffer zone periods.
- All non-handlers, including field workers, residents, pedestrians, and other bystanders, must be excluded from the buffer zone during the buffer zone period except for transit (see Buffer Zone Exemption for Transit on Roadways).
 - Local, state, or federal officials performing inspection, sampling, or other similar official duties are not excluded from the application block or the buffer zone by this labeling. The certified applicator supervising the application and the owner of the establishment where the application is taking place are not authorized to, or responsible for, excluding those officials from the application block or the buffer zone.
- The buffer zone period begins at the start of the application and lasts for a minimum of 48-hours after the application is complete.

Structures under the control of the owner of the application block

- Buffer zones must not include buildings used for storage, (e.g., sheds, barns, garages) UNLESS:
 - 1. The storage buildings are not occupied during the buffer zone period, and
 - 2. The storage buildings do not share a common wall with an occupied structure.

Areas not under the control of the owner of the application block

- Buffer zones must not include residential areas (e.g., employee housing, private property), buildings (e.g., commercial, industrial), outdoor residential areas (e.g., lawns, gardens, play areas) and other areas that people may occupy, UNLESS:
 - 1. The occupants provide written agreement, prior to the start of the application, that they will voluntarily vacate the buffer zone during the entire buffer zone period, and
 - 2. Reentry by occupants and other non-handlers must not occur until,
 - The buffer zone period has ended, and
 - Sensory irritation is not experienced upon re-entry.
- Buffer zones must not include agricultural areas owned and/or operated by persons other than the owner of the application block, UNLESS:
 - 1. The owner of the application block can ensure that the buffer zone will not overlap with an iodomethane buffer zone from any other property owners, and
 - The owner of the other property provides written agreement to the applicator that they, their employees, and other persons will stay out of the buffer zone during the entire buffer zone period.
- Buffer zones must not include roadways and rights of way UNLESS:
 - 1. The area is not occupied during the buffer zone period, and
 - 2. Entry by non-handlers is prohibited during the buffer zone period.

Buffer Zone Exemption for Transit on Roadways

Vehicular and bicycle traffic on public and private roadways through the buffer zone is permitted. (NOTE: Buffer zones are not permitted to include bus stops or other locations where persons wait for public transit.)

- For all other publicly owned and/or operated areas such as parks, sidewalks, permanent walking paths, playgrounds, and athletic fields, buffer zones must not include these areas UNLESS:
 - 1. The area is not occupied during the buffer zone period,
 - 2. Entry by non-handlers is prohibited during the buffer zone period, and
 - 3. Written permission to include the public area in the buffer zone is granted by the appropriate state and/or local authorities responsible for management and operation of the area.

Certified applicators must comply with all local laws and regulations.

See the Posting section for additional requirements that may apply.

Buffer Zone Distances

Buffer zone distances must be calculated using the application rate and the size of the application block.

- Buffer zone distances must be based on look-up table in this labeling (25 feet is the minimum distance regardless of site-specific application parameters).
- Use Table 2 to determine the minimum buffer distances. Round up to the nearest rate and block size, where
 applicable. Applications are prohibited for rates or block sizes that exceed what is presented in the buffer zone tables.

Table 2. Midas EC Bronze Bed Application Buffer Zone Distances in Feet

Midas EC Bronze Bed Application Broadcast Equivalent Rate (lbs product/acre)	Application Block Size (acres)							
	Up to 5 acres	6-10 acres	11-15 acres	16-20 acres	21-25 acres	26-30 acres	31-35 acres	36-40 acres
50	30	30	35	45	55	60	70	75
60	30	30	40	55	65	75	85	90
75	30	30	45	65	80	90	100	110
90	30	30	55	80	95	105	120	130
100	30	30	60	90	105	120	135	145
125	30	40	75	110	130	145	165	180
150	30	45	90	130	155	175	195	215
175	30	50	100	150	175	200	225	250
200	30	60	120	175	205	235	265	290
210	30	60	120	180	210	240	270	300
240	35	70	140	210	245	280	315	345
300	45	90	175	260	305	345	390	430
315	50	95	185	275	320	365	410	450

Buffer Zone Credits

The buffer zone distances for Midas EC Bronze applications may be reduced by the percentages listed below. Credits may be added, but credits cannot exceed 80%. Also the minimum buffer zone distance is 25 feet regardless of buffer zone credits available.

See <u>www.tarpcredits.epa.gov</u> for a list of tarps that have been tested and determined to qualify for buffer reduction credits. Only tarps listed on this website qualify for buffer reduction credits.

- 10% reduction in buffer zone distance, IF the organic content of the soil in the application block is ≥ 1% 2%; a 20% reduction in buffer zone distance, IF the organic content of the soil in the application block is >2% 3%; and a 30% reduction in the buffer zone distance, IF the organic content of the soil in the application block is >3%.
- 10% reduction in the buffer zone distance, IF the clay content of the soil in the application block is greater than 27%.

Examples of Buffer Zone Calculations with Credits Applied

If the buffer zone is 50 feet and the application qualifies for a buffer zone credit since the soil organic content is 1.5%, then the buffer zone can be reduced by 10%, i.e., reduced by 5 feet based on the following calculation: 50 feet \times 10%) = 45 feet.

If the buffer zone is 50 feet and the application qualifies for two buffer zone credits since the soil organic content is 1.5% and the clay content is greater than 27%, then the buffer zone can be reduced by 20% (10% organic content credit + 10% clay content credit), i.e., reduced by 10 feet based on the following calculation 50 feet - (50 feet x 20%) = 40 feet.

Posting Fumigant Buffer Zones

- Posting of a buffer zone is required unless there is a physical barrier that prevents bystander access to the buffer zone.
- Buffer Zone signs must be placed along or outside the perimeter of the buffer zone, at all usual points of entry and
 along likely routes of approach from areas where people not under the owner's control may approach the buffer zone.
 - o Some examples of points of entry include, but are not limited to, roadways, sidewalks, paths, and bike trails.
 - Some examples of likely routes of approach include, but are not limited to, the area between a buffer zone and a roadway, or the area between a buffer zone and a housing development.
 - When posting, the certified applicator supervising the application must ensure compliance with all local laws and regulations.
- · Buffer Zone signs must meet the following criteria:
 - The printed side of the sign must face away from the application block toward areas from which people could approach.
 - Signs must remain legible during the entire posting period and must meet the general standards outlined in the WPS for sign size, text size, and legibility (see 40 CFR §170.120).
 - Signs must be posted no sooner than 24 hours prior to the start of the application and remain posted until the buffer zone period has expired.
 - o Signs must be removed within 3 days after the end of the buffer zone period.
 - o Buffer Zone signs which meet the criteria above will be provided at points of sale for applicators to use. Templates may be downloaded from http://www.epa.gov/pesticides/reregistration/soil fumigants/index.htm
 - The Buffer Zone signs must contain the following information:
 - The 'Do Not Walk' symbol
 - DO NOT ENTER/NO ENTRE,
 - lodomethane/Chloropicrin Midas EC Bronze Fumigant BUFFER ZONE,
 - Contact information for the certified applicator in charge of the fumigation.

Exception: If multiple contiguous blocks are fumigated within a 14-day period, the entire periphery of the contiguous blocks' buffer zones **may** be posted. Buffer Zone signs must be posted no sooner than 24-hours prior to the start of the first application. The signs must remain posted until the last buffer zone period expires and signs must be removed within 3 days after the buffer zone period for the last block has expired.

RESTRICTIONS FOR DIFFICULT TO EVACUATE SITES

Difficult to evacuate sites are pre-K to grade 12 schools, state licensed daycare centers, nursing homes, assisted living facilities, hospitals, in-patient clinics, and prisons.

No fumigant application is permitted within 1/4 mile (1320 feet) of difficult to evacuate sites unless the site is not
occupied by children from state-licensed day care centers, students (pre-K to grade 12), patients, or prisoners during
the application and the 48-hour period following the end of the application.

Emergency Preparednes and Response Measures

If the buffer zone is 25 feet, then the Emergency Preparedness and Response Measures requirements are not applicable.

Triggers for Emergency Preparedness and Response Measures:

The certified applicator must either follow the directions under the *Fumigant Site Monitoring* section or follow the directions under the *Response Information for Neighbors* section if:

- the buffer zone is greater than 25 feet but less than or equal to 100 feet, and there are residences or businesses within 50 feet from the outer edge of the buffer zone, or
- the buffer zone is greater than 100 feet but less than or equal to 200 feet, and there are residences or businesses within 100 feet from the outer edge of the buffer zone, or
- the buffer zone is greater than 200 feet but less than or equal to 300 feet, and there are residences or businesses within 200 feet from the outer edge of the buffer zone, or
- the buffer zone is greater than 300 feet, and there are residences or businesses within 300 feet from the outer edge of the buffer zone.

Fumigant Site Monitoring

NOTE: Fumigant Site Monitoring is ONLY required if the Emergency Preparedness and Response Measures are triggered AND directions from the Response Information for Neighbors section are not followed.

From the start of the application until the buffer zone period expires, a certified applicator or handler(s) under his/her supervision must:

- Monitor for sensory irritation in areas between the buffer zone outer perimeter and residences and businesses that trigger this requirement.
- Monitoring for sensory irritation must begin in the evening on the day of application and continue until the buffer zone period expires. Monitor a minimum of 8 times during the buffer zone period, including these periods:
 - 1 hour before sunset,
 - during the night,
 - 1 hour after sunrise, and
 - during daylight hours.

Implement the emergency response plan immediately if a handler monitoring experiences sensory irritation.

Response Information for Neighbors

NOTE: Response Information for Neighbors is ONLY required if the Emergency Preparedness and Response Measures are triggered AND directions from the Fumigant Site Monitoring section are not followed. The certified applicator supervising the application must ensure that residences and businesses that trigger the requirement have been provided the response information at least 1 week before the application starts. The information provided may include application dates that range for no more than 4 weeks. If the application does not occur when specified, the information must be delivered again.

- Information that must be included:
 - The location of the application block.
 - Fumigant(s) applied including the active ingredient, name of the fumigant product(s), and the EPA Registration number.
 - Contact information for the applicator and property owner.
 - o Time period in which the application is planned to take place (must not range more than 4 weeks).

- Early signs and symptoms of exposure to the fumigant(s) applied, what to do, and who to call if you believe you are being exposed (911 in most cases).
- How to find additional information about fumigants.

The method used to share the response information for neighbors can be accomplished through mailings, door hangers, or other methods that will effectively inform the residences and businesses within the required distance from the edge of the buffer zone.

Notice to State and Tribal Lead Agencies

If your state and/or tribal lead agency requires notice, information must be provided to the appropriate state or tribal lead agency prior to the application. Please refer to www.epa.gov/fumigantstatenotice for a list of states and tribal lead agencies that require notice and information on how to submit the information.

The information that must be provided to state and tribal lead agencies includes the following:

- Location of the application blocks,
- Fumigant(s) applied including EPA registration number,
- · Applicator and property owner contact information, and
- · Time period that fumigation may occur.

Emergency Response Plan

The certified applicator must include in the FMP a written emergency response plan that identifies:

- Evacuation routes.
- · Locations of telephones,
- Contact information for first responders and local/state/federal/tribal personnel, and
- Emergency procedures/responsibilities (e.g., adding water to the field, repairing tarps, fixing equipment, evacuating upwind) if:
 - o there is an incident,
 - o sensory irritation is experienced outside of the buffer zone, and/or
 - o there are equipment/tarp/seal failure or complaints, or other emergencies.

Site-Specific Fumigation Management Plan (FMP)

Prior to the start of application, the certified applicator supervising the application must verify that a site-specific FMP exists for each application block. In addition, an agricultural operation fumigating multiple application blocks may format the FMP in a manner whereby all of the information that is common to all the application blocks is captured once, and any information unique to a particular application block or blocks is captured in subsequent sections.

The FMP must be prepared by the certified applicator, the site owner, registrant, or other party.

The certified applicator supervising the application must verify in writing (sign and date) that the site-specific FMP(s) reflects current site conditions before the start of application.

Each site-specific FMP must contain the following elements:

- Certified Applicator Supervising the Application
 - o Name,
 - o Phone number,
 - Pesticide applicator license and/or certificate number,
 - Specify if commercial or private applicator,
 - o Employer name,

- o Employer address, and
- o Date and location of completing EPA approved soil fumigant training program.

General site information

- Application block location (e.g., county, township-range-section quadrant), address, or global positioning system (GPS) coordinates
- Name, address, and phone number of application block owner
- o Map, aerial photo, or detailed sketch showing:
 - application block location
 - application block dimensions
 - buffer zone dimensions
 - property lines
 - roadways
 - rights-of-ways
 - sidewalks
 - permanent walking paths
 - bus stops
 - nearby application blocks
 - surrounding structures (occupied and non-occupied)
 - locations of Buffer Zone signs, and
 - location of difficult to evacuate sites with distances from the application block labeled.

General application information

- Target application date/window,
- o Fumigant Product Name, and
- EPA registration number.

Tarp Plan

- Schedule for checking tarps for damage, tears, and other problems,
- Minimum size of damage that will be repaired,
- Factors used to determine when tarp repair will be conducted,
- o Equipment/methods used to perforate tarps,
- Target dates for perforating tarps, and
- Target dates for removing tarps.

Soil conditions

- Description of soil texture and moisture in application block,
- o Method used to determine soil moisture, and
- Soil temperature measurement if air temperatures were above 100° F in any of the 3 days prior to the application.

Buffer zones

- Application method,
- Injection depth,
- Application rate from lookup table on label.
- o Application block size from lookup table on label,
- Credits applied and measurements taken (if applicable),
 - Tarp brand name, lot number, thickness, manufacturer, batch number, and part number
 - Organic matter content
 - Clay content
- o Buffer zone distance, and
- Description of areas in the buffer zone that are not under the control of the owner of the application block. If buffer zones extend onto areas not under the control of the owner, attach the written agreement and keep it with the FMP.

- Record Emergency Response Plan as described in the Emergency Response Plan section.
- · Posting of Fumigant Treated Area and Buffer Zone
 - o Person(s) who will post and remove (if different) Fumigant Treated Area and Buffer Zone signs, and
 - Location of Buffer Zone signs.
- Emergency Preparedness and Response Measures (if applicable)
 - Fumigant site monitoring (if applicable):
 - When and where it will be conducted
 - o Response information for neighbors (if applicable):
 - List of residences and businesses informed,
 - Name and phone number of person providing information, and
 - Method of providing the information.
- State and/or tribal lead agency advance notification (if state and/or tribal lead agency requires notice, provide a list of contacts that were notified and date notified)
- Plan describing how communication will take place between the certified applicator supervising the application, the
 owner, and other on-site handlers (e.g., tarp perforators/removers, irrigators) for complying with label requirements
 (e.g., buffer zone location, buffer zone start and end times, timing of tarp perforation and removal, PPE).
 - Name and phone number of persons contacted by the certified applicator, and
 - o Date contacted.
- Handler (including Certified Applicators) Information and PPE
 - o Names, addresses and phone numbers of handlers
 - o Names, addresses, and phone numbers for employers of handlers
 - Tasks that each handler is authorized and trained to perform
 - o Date of PPE training for each handler
 - Applicable handler PPE including:
 - Long-sleeved shirts/long pants, shoes, socks
 - Chemical-resistant apron
 - Chemical-resistant footwear
 - Protective eyewear (not goggles)
 - Chemical-resistant gloves
 - Air-purifying respirators
 - Respirator make, model, type, style, size, and cartridge type
 - SCBAs
 - Respirator make, model, type, style, size
 - Other PPE
 - For handlers: Confirmation of receipt of Fumigant Safe Handling Information.
 - For certified applicator(s) supervising the application: Completion date and location of the soil fumigant training program listed on the following EPA website www.epa.gov/fumiganttraining for the active ingredient(s) in this product.
 - For handlers designated to wear respirators (air-purifying respirator or SCBA):
 - date of medical qualification to wear a respirator,
 - date of respirator training, and
 - date of fit-testing for the respirator.
 - Unless exempted in the Protection of Handlers section, verify that:
 - at minimum 2 handlers have the appropriate respirators and cartridges during handler activities, and
 - the employer has confirmed that the appropriate respirator and cartridges are immediately available for each handler who will wear one.
- Air monitoring plan
 - o If sensory irritation is experienced, indicate whether operations will cease or operations will continue with use of an air-purifying respirator.

- o For monitoring the breathing zone:
 - Representative handler tasks to be monitored,
 - Monitoring equipment to be used, and
 - Timing of the monitoring.
- For monitoring after tarp perforation is complete and before tarp removal begins, indicate:
 - Monitoring equipment to be used, and
 - Timing of monitoring.
- Good Agricultural Practices (GAPs)
 - o Identify (e.g., list, attach applicable label section) applicable mandatory GAPs.
- Pesticide Product Labels and Material Safety Data Sheets (MSDS)
 - Ensure that labels and MSDS are on-site and readily available for employees to review.

Record-Keeping Procedures

The owner of the application block as well as the certified applicator supervising the application must keep a signed copy of the site-specific FMP for 2 years from the date of application.

For situations where an initial FMP is developed and certain elements do not change for multiple application blocks (e.g., applicator information, certified applicator, handlers, record-keeping procedures, emergency procedures) only elements that have changed need to be updated in the site-specific FMP provided the following:

- The certified applicator supervising the application has verified that those elements are current and applicable to the application block before it is fumigated.
- Record-keeping requirements are followed for the entire FMP (including elements that do not change).

The certified applicator must make a copy of the FMP immediately available for viewing by handlers involved in the application. The certified applicator or the owner of the application block must provide a copy of the FMP to any local/state/federal/tribal enforcement personnel who request the FMP. In the case of an emergency, the FMP must be made immediately available when requested by local/state/federal/tribal emergency response and enforcement personnel. The certified applicator supervising the application must ensure the FMP is at the application block during all handler activities.

Within 30 days after the application is complete, the certified applicator supervising the application must complete a Post-Application Summary.

Post-Application Summary

The Post-Application Summary must contain the following elements:

- · Actual date and time of the application
- Application rate
- Size of application block
- Weather Conditions
 - Summary of the National Weather Service weather forecast during the application and the 48-hours after the application is complete including:
 - wind speed, and
 - air stagnation advisory (if applicable).
 - Forecast must be checked on the day of, but prior to the start of the application, and on a daily basis during the application if the time period from the start of the application until the application is complete is greater than 24 hours.
- Tarp damage and repair information (if applicable):
 - Date of tarp damage discovery,
 - Location and size of tarp damage,

- o Description of tarp/tarp seal/tarp equipment failure, and
- o Date and time of tarp repair completion.
- Tarp perforation/removal details (if applicable):
 - o Date and time tarps were perforated,
 - o Date and time tarps were removed, and
 - Record if tarps were perforated and/or removed early. Describe the conditions that caused early tarp perforation and/or removal.
- Complaint details (if applicable):
 - o Person filing complaint (e.g., on-site handler, person off-site),
 - If off-site person, name, address, and phone number of person filing complaint, and
 - o Description of control measures or emergency procedures followed after complaint.
- Description of incidents, equipment failure, or other emergency and emergency procedures followed (if applicable).
- Air monitoring results:
 - o When sensory irritation was experienced:
 - Date, time, location, and handler task/activity where irritation was observed and
 - Resulting action (e.g., implement emergency response plan, cease operations, continue operations with appropriate air-purifying respirators).
 - o. When using a direct read detection device:
 - Sample date(s), time(s), location(s), and concentration(s),
 - Handler task/activity monitored (if applicable), and
 - Resulting action (e.g., ceases operations, continue operations with appropriate air-purifying respirators).
- Drip Application monitoring
 - Record monitoring date(s) and time(s)
 - Name of person(s) monitoring
 - o Record observations:
 - Is the equipment functioning properly,
 - Description of corrective action (if applicable), and
 - Other comments.
- Fumigant Treated Area and Buffer Zone Signs:
 - Dates of posting and removal.
- Any deviations from the FMP (e.g., changes in emergency response actions, changes in handler information, changes in handlers responsible for completing emergency tasks, changes in communication between certified applicator, owner, and other handlers).

Record-Keeping Procedures

The owner of the application block, as well as the certified applicator supervising the application, must keep a signed copy of the Post-Application Summary for 2 years from the date of application.

Spill and Leak Procedures

- For entry into the affected area to correct problems, wear the personal protective equipment specified in the Personal Protective Equipment (PPE) section of this labeling.
- · Cease all operations if any leak develops in the fumigation system.
- Evacuate everyone from the immediate area of the spill or leak.
- Approach the area from the upwind side. Work upwind to repair leak(s), if possible.
- Only correctly trained and PPE-equipped handlers are permitted to enter. Do not permit entry into the spill or leak
 area by any other person until the concentration of chloropicrin is measured to be less than 0.15 ppm and the
 concentration of iodomethane is measured to be less than 0.2 ppm.
- Allow spilled fumigant to evaporate or to absorb onto vermiculite, dry sand, earth, or similar absorbent material.
- · Contaminated soil, water and other cleanup debris may be hazardous waste.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a dry, cool, well-ventilated area under lock and key. When appropriate to prevent tipping, store cylinders upright, secured to a rack or wall. Post as a pesticide storage area.

Handling: Product cylinders shall not be subjected to rough handling or mechanical shock such as dropping, bumping, dragging or sliding. Do not use rope slings, hooks, tongs, or similar devices to unload cylinders. Transport cylinders using hand truck, fork truck or other device to which the cylinder can be firmly secured.

Do not remove valve protection bonnet and safety cap until immediately before use. When cylinder is not in use, close valve by turning clockwise until hand tight, screw safety cap onto valve outlet, and replace protection bonnet.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

Container Disposal

Return of Containers: 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.

This pesticide container, whether full or partially used, is the property of the manufacturer or distributor where it was purchased and must be returned to the distributor of origin. Do not ship containers without safety caps or valve protection bonnets. Containers shall never be refilled by the consumer or used for any other product or purpose.

FOR 24-HOUR CHEMICAL EMERGENCY (spill, leak, fire or accident) ASSISTANCE:
Call CHEMTREC at 1-800-424-9300

WARRANTY AND DISCLAIMER STATEMENT

The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Such risks may arise from weather conditions, soil factors, off-target movement, unconventional farming techniques, the presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of Arysta LifeScience North America, LLC ("Arysta"), and can cause crop injury, injury to non-target crops or plants, ineffectiveness of the product, or other unintended consequences. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

Arysta warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks described above, when used in accordance with the Directions for Use under normal conditions. This warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to Arysta, and is subject to the inherent risks described above.

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