MEFENOXAM	GROUP	4	FUNGICIDE
CHLOROTHALONIL	GROUP	M5	FUNGICIDE

Longwind

NEATLAND Guard SC

FUNGICIDE

Fungicide for the control of certain diseases in various crops

ACTIVE INGREDIENTS:	**% BY WT.**
Mefenoxam*	3.48%
Chlorothalonil**	34.78%
OTHER INGREDIENTS:	61.74%
TOTAL:	100.00%

*D-Alanine, N-(2,6-dimethylphenyl)-N-(methoxyacetyl)-, methyl ester
**1,3-Benzenedicarbonitrile, 2,4,5,6-tetrachloro-
NEATLAND Guard SC contains 0.33 lb of mefenoxam and 3.34 lb chlorothalonil per gallon.

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.)

See front panel for First Aid Instructions and Booklet for complete Precautionary Statements and Directions for Use.

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. • Call a poison control center or doctor for treatment advice.
IF IN EYES:	• Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING:	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	• Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • **DO NOT** induce vomiting unless told to by the poison control center or doctor. • **DO NOT** give anything by mouth to an unconscious person.
NOTE TO PHYSICIAN: Persons suffering with temporary allergic skin reactions may respond to treatment with oral antihistamines and topical or oral steroids.	
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	
In the event of a leak, fire or medical emergency involving a human or animal please call INFOTRAC at 1-800-535-5053 or Outside the USA and Canada at 1-352-323-3500, 24/7/365.	

Manufactured for:
Longwind Cropscience USA LLC
8 THE GREEN, STE A, DOVER, Kent, DE, 19901

EPA Reg. No. : 103087-6
EPA Est. No. : 95055-CHN-001
NET CONTENTS: ☐ 1Gal ☐ 2.5Gal ☐ 5Gal ☐ 10Gal ☐ 25Gal

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS
WARNING/AVISO: Causes substantial but temporary eye injury. **DO NOT** get in eyes or on clothing. Harmful if inhaled. Wear goggles, face shield, or safety glasses. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Avoid breathing (dust, vapor, or spray mist). Wear long-sleeved shirt and long pants, socks and shoes. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE)
Mixers, Loaders, Applicators and all other handlers must wear:
- Long-sleeved shirt and long pants;
- Chemical-resistant gloves made of barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyvinyl chloride (PVC) ≥ 14 mils or viton ≥ 14 mils);
- Shoes plus socks;
- Protective eyewear (including goggles, safety glasses or face shield).

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.

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

USER SAFETY STATEMENTS

Users must:
- Remove clothing/PPE immediately if pesticide gets inside. Then, wash thoroughly and change into 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.

ENVIRONMENTAL HAZARDS
This product is toxic to aquatic invertebrates and wildlife. **DO NOT** apply directly to water, to areas where surface water is present or to intertidal areas below the mean high-water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. **DO NOT** apply when weather conditions favor drift from treated areas. **DO NOT** contaminate water when disposing of equipment wash water or rinsate.

GROUNDWATER ADVISORY
This product contains chemicals known to leach through soil into groundwater under certain conditions as a result of label use. Use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

SURFACE WATER ADVISORY
Chlorothalonil can contaminate surface water through spray drift. Under some conditions, it may have a high potential for runoff into surface water for several days to weeks after application. These include poorly draining or wet soils with readily visible slopes towards adjacent surface waters, frequently flooded areas, areas overlaying extremely shallow groundwater, areas with infield canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas over-laying tile drainage systems that drain to surface water.

PHYSICAL OR CHEMICAL HAZARDS
DO NOT mix or allow coming in contact with Oxidizing agents. Hazardous Chemical reaction may occur.

DIRECTIONS FOR USE

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

DO NOT apply this product in a way that will contact workers or other persons, or pets 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.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 48 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, including plants, soil, or water is:

- Coveralls;
- Chemical-resistant gloves made of barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyvinyl chloride (PVC) ≥ 14 mils or viton ≥ 14 mils;
- Shoes plus socks;
- Protective eyewear (including goggles, safety glasses, or face shield).

Special Eye Irritation Provisions: Chlorothalonil is a severe eye irritant. Although the restricted-entry interval expires after 48 hours, for the next 5 days entry is permitted only when the following safety measures are provided:

1. At least one container designed specifically for flushing eyes must be available in operating condition at the WPS required decontamination site intended for workers entering the treated area.
2. Workers must be informed, in a manner they can understand:
   - that residues in the treated area can be highly irritating to their eyes;
   - that if they have eye irritation to refrain from rubbing or touching their eyes, to keep the residues out of their eyes;
   - that if they do get residues in their eyes, immediately flushing their eyes using the eyeflush container that is located at the decontamination site or using other readily available clean water is the best way to remove the residues from their eyes
   - how to operate the eye flush container.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR DISEASE CONTROL, CROP INJURY, AND/OR ILLEGAL RESIDUES.

PRODUCT INFORMATION

NEATLAND Guard SC is a mixture of mefenoxam and chlorothalonil. Mefenoxam is a systemic fungicide that provides control of downy mildew and late blight diseases of selected crops. Chlorothalonil is a broad- spectrum protectant fungicide that controls many diseases of vegetables.

Mefenoxam is a systemic fungicide having a specific mode of action and could be subject to development of insensitive strains of fungi. Development of insensitivity cannot be predicted. Therefore, Longwind Cropscience USA LLC (“LONGWIND”) cannot assume liability for crop damage resulting from insensitive strains of fungi. If treatment is not effective following the use of NEATLAND Guard SC as specified, an insensitive strain of fungus may be present. If the treatment is ineffective due to the presence of a mefenoxam-insensitive strain of fungus, neither NEATLAND Guard SC nor any other fungicide with similar action will effectively control that disease. The prompt use of fungicides with a different mode of action (non-group 4) can be applied to attempt to provide control. Consult with your State Agricultural Experiment Station or Extension Service Specialist for guidance in your particular crop and disease control situation. **THIS LABEL IS FOR FIELD USE ONLY AND IS NOT PERMITTED FOR USE ON TRANSPLANT TRAYS, GREENHOUSES, NURSERIES, LATH HOUSES, FLOAT HOUSES, HYDROPONIC PRODUCTION, OR IN BEDDING PLANT STRUCTURES.**

USE RESTRICTIONS
Maximum usage when applying both metalaxyl and mefenoxam-containing products to the same crop within the same year: **DO NOT** apply more than the maximum annual total for the active ingredient as stated on the label of the product containing the lowest annual total on that crop.

This product must not be applied within 150 ft (for aerial and air-blast applications) or 25 ft (for ground applications) of marine/estuarine water bodies, unless there is an untreated buffer area of that width between the area to be treated and the water body.

ROTATIONAL CROP RESTRICTIONS	
Rotation Crop	**Planting Time From Last NEATLAND Guard SC Application**
Alfalfa (including birdsfoot trefoil) **Asparagus** **Brassica Vegetables** (e.g., broccoli, cabbage, cauliflower) **Clover** **Corn** **Cotton** **Cucurbit Vegetables** (e.g., cucumber, melons, squash) **Fruiting Vegetables** (e.g., tomatoes, peppers, eggplant) **Globe artichoke** **Herbs** (fresh and dried) **Leafy Vegetables, except Brassica** (e.g., lettuce, spinach, celery) **Legume Vegetables** (e.g., beans and peas, succulent and dried) **Onions** (dry bulb, including garlic, and green) **Peanuts** **Pineapples** **Root and Tuber Vegetables** (e.g. potatoes, carrots, sugar beets) **Soybeans** **Strawberries** **Sunflower**	0 days
Cereal Grains (except Corn)	14 days
Crops **Not Intended** for Food or Feed	0 days
All Other Crops **Intended** for Food or Feed	12 months

MANDATORY SPRAY DRIFT

Aerial Applications:
- **DO NOT** release spray at a height greater than 10 ft above the vegetative canopy, unless a greater application height is necessary for pilot safety.
- Applicators must select nozzles and pressure that deliver medium to coarse droplets in accordance with American Society of Agricultural & Biological Engineers Standard 572 (ASABE §572).
- The boom length must not exceed 65% of the wingspan for airplane or 75% of the rotor blade diameter for helicopters.
- Applicators must use 1/2 swath displacement upwind at the downwind edge of the field.
- Nozzles must be oriented so the spray is directed toward the back of the aircraft.
- **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

Ground Boom Applications:
- Apply with the nozzle height specified by the manufacturer, but no more than 3 feet above the ground or crop canopy. For all other ground applications, the nozzle must be no more than 3 feet from the target vegetation.
- Applicators must select nozzles and pressure that deliver medium to coarse droplets in accordance with American Society of Agricultural & Biological Engineers Standard 572 (ASABE §572).
- **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- **DO NOT** apply during temperature inversions

SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT

BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS

IMPORTANCE OF DROPLET SIZE
An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

Controlling Droplet Size – Ground Boom
- Volume - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, use a nozzle with a higher flow rate.
- Pressure - Use the lowest spray pressure specified for the nozzle to produce the target spray volume and droplet size. If a higher flow rate is needed, use higher flow rate nozzles instead of increasing pressure. **DO NOT** exceed the nozzle manufacturer's specified pressures.
- Spray Nozzle - Use a spray nozzle that is designed for the intended application. Use the minimum number of nozzles that provide uniform coverage. Use nozzles designed to reduce drift.

Controlling Droplet Size – Aircraft
- Adjust Nozzles - Follow nozzle manufacturer's directions for setting up nozzles. To reduce fine droplets, orient nozzles parallel with the airflow in flight.

BOOM HEIGHT – Ground Boom
Use the lowest boom height that is compatible with the spray nozzles that will provide uniform coverage. For ground equipment, keep the boom level with the crop and have minimal bounce.

BOOM LENGTH - Aircraft
Reducing the effective boom length to less than ¾ of the wingspan or rotor length may reduce drift without reducing swath width.

SWATH ADJUSTMENT - Aircraft
When applications are made with a crosswind, the swath will be displaced downward. Therefore, on the upwind and downwind edges of the field, the applicator must compensate for the displacement by adjusting the path of the aircraft upwind. Increase swath adjustment distance with increasing drift potential (higher wind, smaller drops, etc.)

RELEASE HEIGHT - Aircraft
Higher release heights increase the potential for spray drift. When applying aerially to crops, **DO NOT** release spray at a height greater than 10 ft above the crop canopy, unless a greater application height is necessary for pilot safety.

SHIELDED SPRAYERS
Shielding the boom or individual nozzles can reduce spray drift. If possible, use shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

TEMPERATURE AND HUMIDITY
When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

TEMPERATURE INVERSIONS
Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. **DO NOT** make applications during temperature inversions.

WIND
Drift potential increases with wind speed. **DO NOT** MAKE APPLICATIONS DURING GUSTY WIND CONDITIONS. Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

BOOM-LESS GROUND APPLICATIONS
Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

HANDHELD TECHNOLOGY APPLICATIONS
Take precautions to minimize spray drift.

SENSITIVE AREAS
Application when drift potential is minimal (e.g., when wind is blowing away from the sensitive areas) will reduce the potential for drift to adjacent sensitive areas (e.g., residential areas, bodies of water, known habitat for threatened or endangered species, nontarget crops).

RESISTANCE MANAGEMENT

MEFENOXAM	**GROUP**	**4**	**FUNGICIDE**
CHLOROTHALONIL	**GROUP**	**M5**	**FUNGICIDE**

NEATLAND Guard SC is a mixture of mefenoxam and chlorothalonil. Mefenoxam is a systemic fungicide that provides control of downy mildew and late blight diseases of selected crops. Chlorothalonil is a broad- spectrum protectant fungicide that controls many diseases of vegetables.

For resistance management, please note that **NEATLAND Guard SC** contains both a Group 4/[Phenylamide fungicide] and a Group M5/[Multi-Site Contact Activity Chlorothalonil fungicide]. Any fungal population may contain individuals naturally resistant to **NEATLAND Guard SC** and other Group 4 or Group M5 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Follow appropriate resistance management strategies.

To delay fungicide resistance, take the following steps:
- Rotate the use of **NEATLAND Guard SC** or other Group 4 or Group M5 fungicides within a growing season sequence with different groups that control the same pathogens.
- Use tank mixtures with fungicides from different groups that are equally effective on the target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.
- Adopt an integrated disease management program for fungicide use that includes scouting, uses historical information related to pesticide use, and crop rotation, and which considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide applications. Note that using predictive models alone is not sufficient to manage resistance.
- Monitor treated fungal populations for resistance development.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and/or IPM guidelines for specific crops and pathogens.
- For information on fungicide resistance to **NEATLAND Guard SC** or to report suspected resistance contact Longwind Cropscience USA LLC. You can also contact your pesticide distributor or university extension specialist to report resistance.

MIXING PROCEDURES
NEATLAND Guard SC is an effective fungicide when used according to label directions for control of a broad spectrum of plant diseases. Thorough, uniform coverage is essential for disease control. Prepare no more spray mixture than is needed for the immediate operation. Use a minimum of 20 gals spray mixture/A for ground applications and 5 gals spray mixture/A for aerial applications.

Thoroughly clean spray equipment before using this product. **Maintain maximum agitation throughout the spraying operation. DO NOT** let the spray mixture stand overnight in the spray tank. Flush the spray equipment thoroughly following each use and apply the rinsate to a previously treated area.

NEATLAND Guard SC Alone: Add 1/4 of the required amount of plain water to the spray or mixing tank. With the agitator running, add the required amount of **NEATLAND Guard SC** into the tank, allowing time for good dispersion. Continue agitation while adding the remainder of the water.

NEATLAND Guard SC + Tank-Mixtures: NEATLAND Guard SC is compatible with many commonly used insecticides, fungicides, and spray adjuvants. If tank-mixes are desired, observe all directions, precautions, and limitations on labeling of all products used. Consult compatibility charts or your local or state agricultural authorities for compatibility information. It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

When an adjuvant is to be used with this product, use an adjuvant that meets the standards of the Chemical Producers and Distributors Association (CPDA) adjuvant certification program.

Before combining **NEATLAND Guard SC** in spray tank with pesticides, surfactants or fertilizers, check that the combination is physically compatible, effective and noninjurious under your conditions of use. **DO NOT** combine **NEATLAND Guard SC** with Dipel®(Bacillus thuringiensis; EPA Reg No. 73049-17) Latron B-1956® (Spreader/Sticker adjuvant; phthalic/glycerol alkyl resin; PC Code 71688) as phytotoxicity may result from the combination when applied to the crops on this label.

Add 1/4 of the required amount of plain water to the spray or mixing tank. With the agitator running, add the required amount of **NEATLAND Guard SC** into the tank allowing time for good dispersion. If tank-mixes are required, add the products to the tank in the following order: **NEATLAND Guard SC**, WG or dry flowable formulations, wettable powders and flowable products. Add the amount of other products for tank-mixture according to the label instructions and allow them to become completely dispersed. Continue agitation while adding the remainder of the water and during application to maintain a uniform suspension.

APPLICATION INSTRUCTIONS
NEATLAND Guard SC must be applied on the schedule specified in the directions for use for a specific crop, not according to the irrigation schedule. If irrigation schedules are used, ground or aerial applications must supplement chemigation applications to achieve adequate disease control.

With the exception of potatoes, **NEATLAND Guard SC** has not been sufficiently tested when applied through irrigation systems to assure consistent product performance for all labeled uses. The following calibration and application techniques are provided for user reference, but do not constitute a warranty of fitness for application through sprinkler irrigation equipment. Check with state and local regulatory agencies for potential use restrictions before applying any agricultural chemical through sprinkler irrigation equipment.

Directions for Use Through Sprinkler Chemigation Systems
Spray Preparation
Thoroughly clean chemical tank and injector system. Flush system with clean water.

Application Instructions
Apply **NEATLAND Guard SC** at rates and timings as described in this label.

Use Directions for Sprinkler Applications
Sprinkler Irrigation: Apply this product through sprinkler irrigation systems including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move irrigation systems. **DO NOT** apply this product through any other type of irrigation system except as specified on this label.

Apply with center pivot or continuous-move equipment distributing 1/2 acre-inch or less during treatment. Use the least amount of water required for proper distribution and coverage. If stationary systems (solid set, handlines or wheel lines other than continuous-move) are used, inject this product into no more than the last 20 to 30 minutes of the set. **DO NOT** apply when winds are greater than 10 to 15 mph to avoid drift or wind skips. **DO NOT** apply when wind speed favors drift beyond the area intended for treatment. Plant injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform treated water. Thorough coverage of foliage is required for good control. Maintain good agitation during the entire application period.

If you have questions about calibration, contact State Extension Service specialists, equipment manufacturers or other experts.

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 from backflow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, for example a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments when needed.

DO NOT connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.

Specific Instructions for Public Water Systems

1. 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.
2. Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, back-flow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, discharge the water from the public water system into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the flow 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.
3. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
4. The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
5. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
6. Systems must use a metering pump, for example a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
7. **DO NOT** apply when wind speed favors drift beyond the area intended fortreatment.

NEATLAND GUARD SC RATE CONVERSION CHART

Pints/A	Lb ai/A Mefenoxam	Lb ai/A Chlorothalonil	Treated Acres/ Gal Product
1	0.042	0.42	8
1.5	0.062	0.62	5.3
2	0.084	0.84	4
2.5	0.10	1.0	3.2
3	0.125	1.25	2.6
3.25	0.134	1.35	2.5

CROP SPECIFIC DIRECTIONS FOR USE

Crop	Target Diseases	Use Rate Pints Product/A	Max. No. Applic. Per Year	RTI (days)	Application Instructions
Carrots	Cavity spot (*Pythium* spp.) Cercospora (early) blight (*Cercospora carotae*) Alternaria (late) blight (*Alternaria dauci*)	1.5-2.5 (0.062-0.100 lbs ai/A Mefenoxam, 0.62-1.00 lbs ai/A Chlorothalonil)	6	14	**Integrated Pest (Disease) Management:** Integrate **NEATLAND Guard SC** into an overall disease management strategy that includes varieties with disease tolerance, proper timing of irrigation, and removal of plant debris in which inoculum overwinters. For best control, apply **NEATLAND Guard SC** in a preventive disease control program. For control of Cavity spot, begin applications of **NEATLAND Guard SC** 40 to 50 days after planting. Apply **NEATLAND Guard SC** on a 14-day schedule. For Cercospora and Alternaria disease control, apply on a 14-day schedule [and add Bravo Weather Stik® (EPA Reg No. 66222-276, AI is Chlorothalonil)(0.5 pt/A) or Bravo Ultrex® (EPA Reg. No. 66222-277, AI is Chlorothalonil) (0.45 lb/A) to the tank].

Specific Use Restrictions:

- Maximum Single Application Rate: 2.5 pt/A
- Minimum Application Interval (RTI): 14 days
- Maximum Number of Applications per Year: 6
- Maximum Annual Application Rate: 10 pt/A/year
- **DO NOT** apply within 7 days of harvest (7-day PHI).
- **DO NOT** exceed the equivalent of 15 lb ai/A per year of chlorothalonil-containing products.
- **DO NOT** exceed the equivalent of 0.65 lb ai/A per year of soil-applied and 0.75 lb ai/A per year of foliar-applied mefenoxam-containing products.

Crop	Target Diseases	Use Rate Pints Product/A	Max. No. Applic. Per Year	RTI (days)	Application Instructions
Cabbage **Chinese Cabbage** (tight- headed varieties only) **Cauliflower** **Broccoli** **Chinese Broccoli** **Brussels sprouts**	Downy mildew (*Peronospora* spp.) Alternaria leaf spot (*Alternaria* spp.)	1.5 (0.062 lb ai/A Mefenoxam, 0.62 lb ai/A Chlorothalonil)	8	14	**Integrated Pest (Disease) Management:** Integrate **NEATLAND Guard SC** into an overall disease management strategy that includes varieties with disease tolerance, proper timing of irrigation, and removal of plant debris in which inoculum overwinters. For best control, apply **NEATLAND Guard SC** in a preventive disease control program. Begin applications when conditions are favorable for disease, but before infection, and continue at 14-day intervals until threat of disease is over. Under severe disease pressure, use other effective EPA-registered fungicides according to label directions between the **NEATLAND Guard SC** sprays.

Specific Use Restrictions:

- Maximum Single Application Rate: 1.5 pt/A
- Minimum Application Interval (RTI): 14 days
- Maximum Number of Applications per Year: 8
- Maximum Annual Application Rate: 12 pt/A/year
- **DO NOT** apply within 7 days of harvest (7-day PHI).
- **DO NOT** exceed the equivalent of 12 lb ai/A per year of chlorothalonil-containing products.
- **DO NOT** exceed the equivalent of 1.0 lb ai/A per year of soil-applied and 0.50 lb ai/A per year of foliar- applied mefenoxam-containing products.

Crop	Target Diseases	Use Rate Pints Product/A	Max. No. Applic. Per Year	RTI (days)	Application Instructions
Cucumber **Cantaloupe** **Honeydew melon** **Muskmelon** **Watermelon** **Squash** **Pumpkin**	Downy mildew (*Pseudoperonospora cubensis*)	2.5 (0.10 lb ai/A Mefenoxam, 1.0 lb ai/A Chlorothalonil)	5	14	**Integrated Pest (Disease) Management:** Integrate **NEATLAND Guard SC** into an overall disease management strategy that includes varieties with disease tolerance, proper timing of irrigation, and removal of plant debris in which inoculum overwinters.

(continued)

Crop	Target Diseases	Use Rate Pints Product/A	Max. No. Applic. Per Year	RTI (days)	Application Instructions
Cucumber **Cantaloupe** **Honeydew melon** **Muskmelon** **Watermelon** **Squash** **Pumpkin**	Anthracnose (*Colletotrichum* spp.) Cercospora leaf spot (*Cercospora citrullina*) Gummy stem blight (*Didymella bryoniae*) Alternaria leaf blight (*Alternaria cucumerina)* Scab (*Cladosporium cucumerinum*)	2.5-3.25 (0.100-0.134 lbs ai/A Mefenoxam, 1.00-1.35 lbs ai/A Chlorothalonil)	4	10	For Downy mildew, begin applications when conditions are favorable for disease, but before infection, and continue at 14-day intervals until the threat of disease is over. Apply the full rate of a protectant fungicide between **NEATLAND Guard SC** applications. Avoid late season applications when plants reach full maturity and begin senescence. For all other labeled diseases, begin applications when conditions are favorable for disease, but before infection, and continue at 10- to 14-day intervals. Under severe disease pressure, use the higher listed rate [and add Bravo Weather Stik (1 pt/A) or Bravo Ultrex (0.9 lb/A) to the tank]. Alternate **NEATLAND Guard SC** sprays with other effective EPA-registered fungicides every 7 days.

Specific Use Restrictions:

- For Downy Mildew
  - Maximum Single Application Rate: 2.5 pt/A
  - Minimum Application Interval (RTI): 14 days
  - Maximum Number of Applications per Year: 5
  - Maximum Annual Application Rate: 12.5 pt/A/year
- For All Other Labeled Diseases
  - Maximum Single Application Rate: 3.25 pt/A
  - Minimum Application Interval (RTI): 10 days
  - Maximum Number of Applications per Year: 4
  - Maximum Annual Application Rate: 9.75 pt/A/year
- **NEATLAND Guard SC** may be applied the day of harvest (0-day PHI).
- **DO NOT** exceed the equivalent of 15.75 lb ai/A per year of chlorothalonil-containing products.
- **DO NOT** exceed the equivalent of 1.0 lb ai/A per year of soil-applied and 0.5 lb ai/A per year of foliar- applied mefenoxam-containing products.
- **DO NOT** combine **NEATLAND Guard SC** with anything except water for application to watermelons unless your prior use has shown the combination to be noninjurious to watermelons under your conditions of use.
- Spraying mature watermelons may result in sunburn of the upper surface of the fruit. **DO NOT** apply to watermelons when any of the following conditions are present:
  1) Intense heat and sunlight
  2) Drought conditions
  3) Poor vine canopy
  4) Other crop and environmental conditions which may be conducive to increased natural sunburn

Crop	Target Diseases	Use Rate Pints Product/A	Max. No. Applic. Per Year	RTI (days)	Application Instructions
Onion (dry bulb) Garlic	Downy mildew (*Peronospora destructor)* Botrytis leaf blight (*Botrytis aclada, Botrytis squamosa*) Purple blotch (*Alternaria porri*)	2.5 (0.10 lb ai/A Mefenoxam, 1.0 lb ai/A Chlorothalonil)	5	7	**Integrated Pest (Disease) Management:** Integrate **NEATLAND Guard SC** into an overall disease management strategy that includes selection of varieties with disease tolerance, optimum plant populations, proper fertilization, plant residue management, crop rotation, and proper timing and placement of irrigation. For Downy mildew, begin applications when conditions are favorable for disease, but before infection, and continue at 7- to 14-day intervals until the threat of disease is over. For Botrytis leaf blight and Purple blotch, apply on a 7-day schedule. Alternatively, apply on a 14-day schedule and apply other effective EPA-registered fungicides between the **NEATLAND Guard SC** sprays.
Onion (green) Leeks Shallots			3		

Specific Use Restrictions:
Onions (dry bulb) and garlic:

- Maximum Single Application Rate: 2.5 pt/A
- Minimum Application Interval (RTI): 7 days
- Maximum Number of Applications per Year: 5
- Maximum Annual Application Rate: 12.5 pt/A/year
- **DO NOT** apply within 7 days of harvest (7-day PHI).
- **DO NOT** exceed the equivalent of 15 lb ai/A per year of chlorothalonil-containing products.
- **DO NOT** exceed the equivalent of 1.0 lb ai/A per year of soil-applied and 0.5 lb ai/A per year of foliar- applied mefenoxam-containing products.

Onions (green), leeks and shallots:

- Maximum Single Application Rate: 2.5 pt/A
- Minimum Application Interval (RTI): 7 days
- Maximum Number of Applications per Year: 3
- Maximum Annual Application Rate: 7.5 pt/A/year
- **DO NOT** apply within 14 days of harvest (14-day PHI).
- **DO NOT** exceed the equivalent of 6.75 lb ai/A per year of chlorothalonil-containing products.
- **DO NOT** exceed the equivalent of 1.0 lb ai/A per year of soil-applied and 0.3 lb ai/A per year of foliar- applied mefenoxam-containing products.

Crop	Target Diseases	Use Rate Pints Product/A	Max. No. Applic. Per Year	RTI (days)	Application Instructions
Potatoes	Early blight (*Alternaria solani*) Late blight *(Phytophthora infestans)* **Storage Rots** Pink rot *(Phytophthora erythroseptica)* Leak (*Pythium* spp.)	2.5 (0.10 lb ai/A Mefenoxam, 1.0 lb ai/A Chlorothalonil)	4 (foliar-applied) 3 (soil-applied)	14	**Integrated Pest (Disease) Management:** Integrate **NEATLAND Guard SC** into an overall disease management strategy that includes selection of varieties with disease tolerance, optimum plant populations, proper fertilization, plant residue management, crop rotation, and proper timing and placement of irrigation. For Early blight and Late blight, begin preventive applications early in the season when conditions are favorable for disease (before infection), but no later than when the plant foliage meets within the row uniformly across the field. Apply the labeled rate of a protectant fungicide between **NEATLAND Guard SC** applications. Following the **NEATLAND Guard SC** applications, apply the labeled rate of a protectant fungicide on a weekly schedule through the remainder of the season. For effective control of Storage Rots, use **NEATLAND Guard SC** in conjunction with crop rotation and use of resistant varieties. Make the first application following tuber initiation, when the largest tubers are the size in diameter of a nickel. This period coincides with the initiation of flowering. Make a second application 14 days later. If the field has a history of storage rot problems, make a third application 14 days after the second application. If applications of **NEATLAND Guard SC** for Late blight control correspond to the timing of applications for Storage Rot control, additional applications for storage rot control are not needed.

(continued)

Specific Use Restrictions:

- Maximum Single Application Rate: 2.5 pt/A
- Minimum Application Interval (RTI): 14 days
- Maximum Number of Applications per Year: 4 (foliar applied), 3 (soil applied)
- Maximum Annual Application Rate: 10.0 pt/A/year
- **DO NOT** apply within 14 days of harvest (14-day PHI).
- **DO NOT** exceed the equivalent of 11.25 lb ai/A per year of chlorothalonil-containing products.
- **DO NOT** exceed the equivalent of 0.34 lb ai/A per year of soil-applied and 0.40 lb ai/A per year of foliar-applied mefenoxam-containing products.

Crop	Target Diseases	Use Rate Pints Product/A	Max. No. Applic. Per Year	RTI (days)	Application Instructions
Tomatoes	Late blight (*Phytophthora solani*) Fruit rot (*Phytophthora* spp.) Early blight (*Alternaria solani*) Gray leaf spot (*Stemphyllium botryosum*) Leaf mold (*Cladosporium fulvum*) Septoria leaf spot (*Septoria lycopersici*)	2.5 (0.10 lb ai/A Mefenoxam, 1.0 lb ai/A Chlorothalonil)	5	7	**Integrated Pest (Disease) Management:** Integrate **NEATLAND Guard SC** into an overall disease management strategy that includes selection of varieties with disease tolerance, optimum plant populations, proper fertilization, plant residue management, crop rotation, and water management practices. Begin preventive applications early in the season when conditions are favorable for disease (before infection). Apply the labeled rate of a protectant fungicide between **NEATLAND Guard SC** applications. Under severe disease pressure for Anthracnose, Black mold, Gray mold, or Rhizoctonia fruit rot, use the higher specified rate and add Bravo Weather Stik (EPA Reg No. 66222-276, AI is Chlorothalonil) (1 pt/A) or Bravo Ultrex(EPA Reg. No. 66222-277, AI is Chlorothalonil) (0.9 lb/A) to the tank.
	Anthracnose (*Colletotrichum* spp.) Black mold (*Alternaria alternata*) Gray mold (*Botrytis cinerea*)	2.50-3.25 (0.100-0.134 lbs ai/A Mefenoxam, 1.00-1.35 lbs ai/A Chlorothalonil)	4	7	

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Crop	Target Diseases	Use Rate Pints Product/A	Max. No. Applic. Per Year	RTI (days)	Application Instructions
Tomatoes	Rhizoctonia fruit rot (*Rhizoctonia solani*)	2.50-3.25 (0.100-0.134 lbs ai/A Mefenoxam, 1.00-1.35 lbs ai/A Chlorothalonil)	4	7	

Specific Use Restrictions:

- **For Late Blight, Fruit Rot, Early Blight, Gray Leaf Spot, Leaf Mold and Septoria Leaf Spot**
  - Maximum Single Application Rate: 2.5 pt/A
  - Minimum Application Interval (RTI): 7 days
  - Maximum Number of Applications per Year: 5
  - Maximum Annual Application Rate: 12.5 pt/A/year
- **For Anthracnose, Black Mold, Gray Mold and Rhizoctonia Fruit Rot**
  - Maximum Single Application Rate: 3.25 pt/A
  - Minimum Application Interval (RTI): 7 days
  - Maximum Number of Applications per Year: 4
  - Maximum Annual Application Rate: 9.75 pt/A/year
- **DO NOT** apply within 7 days of harvest (7day PHI).
- **DO NOT** exceed the equivalent of 15 lb ai/A per year of chlorothalonil-containing products.
- **DO NOT** exceed the equivalent of 1.5 lb ai/A per year of soil-applied and 0.5 lb ai/A per year of foliar- applied mefenoxam-containing products.

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage and disposal.

PESTICIDE STORAGE
Store in a cool, dry place. Store in the original container.

PESTICIDE DISPOSAL
Pesticide wastes are toxic. Improper disposal of excess pesticide, pesticide spray 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 HANDLING (less than 5 gallons)
Non-refillable container. DO NOT reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix-tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix-tank or store rinsate for later use and disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

CONTAINER IS NOT SAFE FOR FOOD, FEED OR DRINKING WATER.

Warranty and Disclaimer Statement

Read the entire DIRECTIONS FOR USE and Warranty and Disclaimer Statement before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The DIRECTIONS FOR USE of this product must be followed carefully. It is impossible to eliminate all risks associated with the use of this product including risks that 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. Such risks are all beyond the control of Longwind Cropscience USA LLC ("LONGWING") and can cause crop injury, injury to non-target crops or plants, ineffectiveness of the product, or other unintended consequences. All such risks shall be assumed by the user or buyer and to the extent permitted by applicable law, the user or buyer agree to hold LONGWIND harmless for any claims relating to such risks.

LONGWIND 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. To the extent permitted by applicable law, this warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of LONGWIND, and the user or buyer assume the risk of any such use.

To the extent permitted by applicable law, LONGWIND disclaims all other warranties, expressed or implied, including any warranty of merchantability or fitness for a particular purpose. To the extent permitted by applicable law, LONGWIND, manufacturer, and seller disclaim and shall not be liable for any special, incidental, indirect, or consequential damages (including claims based on breach of warranty, contract, negligence, tort, strict liability or otherwise) resulting from the use, handling, application, storage, or disposal of this product or for damages in the nature of penalties, and the user and buyer waive any right that they may have to such damages. No agent, representative or employee of LONGWIND is authorized to make any warranty, guarantee or representation beyond those contained herein or to modify the warranties contained herein.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE TOTAL LIABILITY OF LONGWIND, MANUFACTURER, AND SELLER, SHALL BE LIMITED TO THE PURCHASE PRICE PAID, OR AT LONGWIND'S ELECTION, THE REPLACEMENT OF THE PRODUCT.

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