



Buzz Ultra - DFTM

A fungicide for the control of leaf spot, powdery mildew, rust and other specified diseases on various crops.

ACTIVE INGREDIENT:

Tebuconazole, α -[2-(4-chlorophenyl)ethyl]
 α -(1,1-dimethylethyl)-1H-1,2,4-triazole-1-
ethanol..... **75.0%**

OTHER INGREDIENTS..... **25.0%**
100.0%

Manufactured by:
SULPHUR MILLS LIMITED
604/605, 349 Business Point,
Western Express Highway,
Andheri (E), Mumbai - 400 069, India
Website: www.sulphurmills.com

Contains 0.75 lbs tebuconazole
per pound of product.

EPA Reg. No. 70905-4
EPA Est. No. 70905-IND-1

Net Contents: 1.5 lbs

KEEP OUT OF REACH OF CHILDREN
CAUTION/PRECAUTION

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

See attached booklet for additional precautionary statements and directions for use.



FIRST AID	
If on skin or clothing	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
If in Eyes	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15 to 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 inhaled	<ul style="list-style-type: none"> Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
<p align="center">In case of emergency call toll free ChemTech Telephone No. 1-800-334-7577. Have product container or label with you when calling a poison control center or doctor, or going for treatment.</p>	
<p>Note to Physician: No specific antidote. Treat symptomatically. The compound does not cause any definite symptoms that would be diagnostic. Contact with the eyes may cause irritation.</p>	

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if absorbed through the skin. Harmful if swallowed. Causes moderate eye irritation. Harmful if inhaled. Avoid contact with skin, eyes and clothing. Avoid breathing dust or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or the toilet.

Personal Protective Equipment (PPE): Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA Chemical Resistant Category Selection Chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks
- Protective Eyewear

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



ENGINEERING CONTROLS: 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 requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations:

Users should:

- Users should 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.
- Wash hands thoroughly with soap and water before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to mammals, fish and aquatic invertebrates. Do not apply directly to water, or 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 contaminate water when disposing of equipment washwater or rinsate.

Ground Water Advisory: Tebuconazole is known to leach through soil into ground under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground-water contamination.

Surface Water Advisory: This product may contaminate water through drift of spray in wind. This product has a high potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to runoff that contains this product. A level, well maintained vegetative buffer strip between areas to which this product is applied and surface water features such as pond, streams, and springs will reduce the potential for contamination of water from rainfall runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted within 48 hours.

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, either directly or through drift. Only protected handlers must 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), restricted-entry interval and notification to workers. 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) specified in the Application Instructions for each crop.

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

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks
- Protective eyewear

STOP - Read the entire label before use

PRODUCT INFORMATION

BUZZ ULTRA DF is a water dispersible granule formulation containing 0.75 lbs tebuconazole per pound of formulated product. Avoid overnight storage of spray mixtures.

Spray Volume: BUZZ ULTRA DF may be applied in a minimum of 10 gallons or more of spray solution per acre by ground spray equipment or in 5 gallons or more per acre by aircraft equipment except as noted under "Application Instructions" for each crop. Increase spray volume as crop growth increases to ensure through coverage of the foliage and fruit. Check equipment calibration frequently. Complete coverage and uniform application are essential for the most effective results, especially when lower spray volumes are applied.

Aerial Application: No aerial application is allowed on Long Island, New York.

Chemigation: BUZZ ULTRA DF may be applied through irrigation equipment only to crops and diseases for which the chemigation use is specified. Apply this product only through center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move; or drip (trickle) irrigation systems. Do not apply this product through any other type of irrigation system. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. Contact State Extension Service specialist, equipment manufacturers or other experts if you have questions regarding calibration. Do not connect an irrigation systems (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water system are in place. 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 if the need arises.

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 back flow. 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, such as 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. Do not apply when wind speed favors drift beyond the area intended for treatment.

Maintain continuous agitation in mix tank during mixing and application to assure a uniform suspension. Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water. Pesticide may be applied continuously for the duration of the water application.

Mixing: Ensure the spray tank is clean and free of residues from previous spray treatments. Fill the spray tank $\frac{3}{4}$ full with clean water. Make sure the tank agitation system is operating while adding products. Add specified amount of BUZZ ULTRA DF into the spray tank while filling with water to the desired level. Operate the agitator while mixing. If other materials are added to the spray tank, the BUZZ ULTRA DF should be thoroughly dispersed prior to the addition of other materials. Continue to operate the agitation system until the spray tank has been emptied.

Compatibility: To determine the compatibility of BUZZ ULTRA DF with other products, the following procedure should be followed: Pour the specified proportions of the products into a suitable container of water, mix thoroughly and allow to stand at least five (5) minutes. If the combination remains mixed or can be re-mixed readily, the mixture is considered physically compatible. For further information, contact your local Sulphur Mills Ltd. representative.

Resistance Management Statement

BUZZ ULTRA DF is a Group 3 fungicide which exhibits no known cross-resistance to other fungicide groups. However, fungal pathogens are known to develop resistance to products with the same mode of action when used repeatedly. Any fungal population may contain or develop individuals that are resistant to BUZZ ULTRA DF and other Group 3 fungicides. If Group 3 fungicides are used repeatedly in the same field or in successive years as the primary method of control for targeted diseases, the resistance isolates may eventually dominate the fungal population. Because resistance development cannot be predicted, the use of this product should conform to resistance management strategies established for the crop and use area. Such strategies may include rotation and/or tank mixing with products having different modes of action or limiting the total number of applications per season.



Contact your local extension specialist, certified crop advisor, and/or manufacturer for fungicide resistance management and/or integrated disease management recommendations for specific crops and resistant disease populations. Sulphur Mills Ltd. encourages responsible management to ensure effective long-term control of the fungal disease on this label.

OBSERVE THE FOLLOWING RESTRICTIONS WHEN SPRAYING IN THE VICINITY OF AQUATIC AREAS SUCH AS LAKES, RESERVOIRS, RIVERS, PERMANENT STREAMS, MARSHES, OR NATURAL PONDS, ESTUARIES AND COMMERCIAL FISH FARM PONDS.

Spray Drift Management: The interaction of many equipment and weather related factors determines the potential for spray drift. The applicator is responsible for considering all of these factors when making application decisions. Avoiding spray drift is the responsibility of the applicator.

- Apply only during alternate years in fields adjacent to aquatic areas listed above.
- Do not apply by ground or air within 100 feet of aquatic areas listed above.
- Do not cultivate within 10 feet of an aquatic area to allow growth of a vegetation filter strip.

Importance of Droplet Size: An important factor influencing drift is droplet size. Small droplets (<150-200 microns) drift to a greater extent than large droplets. Within typical equipment specifications, applications should be made to deliver the largest droplet spectrum that provides sufficient control and coverage. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible and by avoiding excessive spray boom pressure.

Wind Speed Restrictions: Drift potential increases at wind speeds of less than 3 mph (due to inversion potential) or more than 10 mph. However, many factors, including droplet size, canopy and equipment specifications determine drift potential at any given wind speed. Do not apply when winds are greater than 15 mph and avoid gusty and windless conditions. Risk of exposure to sensitive aquatic areas can be reduced by avoiding applications when wind direction is toward the aquatic area.

Restrictions During Temperature Inversions: Do not make aerial or ground applications during temperature inversions. Drift potential is high during temperature inversions. Temperature inversions restrict vertical air mixing, which cause small suspended droplets to remain close to the ground and move laterally in a concentrated cloud. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source. 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 mixing.

Airblast (Air Assist) Specific Recommendations for Tree Crops and Vineyards: Airblast sprayers carry droplets into the canopy of trees/vines by means of a radially, or laterally directed air stream. Follow the specific drift management practices below:

- Adjust deflectors and aiming devices so that spray is only directed into the canopy.
- When there is no overhanging canopy, upward pointed nozzles must be blocked off.
- Use the correct air volume so that the canopy is penetrated and good coverage is achieved.
- Turn off sprayer when turning at end row or an orchard or vineyard, only spray inward toward the crop.
- When spraying outside row of an orchard or vineyard, only spray inward toward the crop.

RUNOFF MANAGEMENT

When used on erodible soils, best management practices for minimizing runoff should be employed. Consult your local Soil Conservation Service for recommendations in your use area.



ROTATIONAL CROPS

Any crop not specified on this label may be planted into treatment areas 120 days after last application.

ASPARAGUS

CROP	DISEASE	RATE OF BUZZ ULTRA DF
Asparagus	Rust (<i>Puccinia spp.</i>)	2.4 to 3.6 ounces per acre

Application Instructions:

Apply BUZZ ULTRA DF as a foliar spray to the developing ferns after harvest of spears is completed. Apply at the earliest sign of rust pustules or when weather conditions are conducive for rust development.

Alternate applications with another effective fungicide. Under conditions of severe rust pressure, use the higher labeled rate. Repeat applications on a 14-day interval as necessary to maintain control of rust.

Apply the specified rate of BUZZ ULTRA DF in a minimum of 10 gallons spray solution by ground or 5 gallons per acre by air. A 50 foot spray drift buffer zone is required for all aerial applications. For optimum disease control, the lowest labeled rate of a spray surfactant should be tank-mixed with BUZZ ULTRA DF.

PRECAUTIONS:

- BUZZ ULTRA DF is a sterol demethylation inhibitor (DMI) fungicide (Group 3). It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy.
- BUZZ ULTRA DF requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.

RESTRICTIONS:

- Do not apply more than 10.8 ounces (0.51 lb ai/acre) of BUZZ ULTRA DF per acre per season.
- Do not apply to harvestable spears.
- Do not apply within 100 days of harvest in California and 180 days in all other states.
- Do not make more than three foliar applications of BUZZ ULTRA DF per season.
- Do not mix BUZZ ULTRA DF with other DMI fungicides.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours without appropriate PPE for early entry.



BANANA AND PLANTAIN

CROP	DISEASE	RATE OF BUZZ ULTRA DF
Banana	Black Leaf Streak (<i>Mycosphaerella fijiensis</i>)	1.92 ounces per acre
Plantain	Yellow Sigatoka (<i>Mycosphaerella musicola</i>)	

Applications Instructions:

Make the first application before disease becomes established and repeat applications at 14-day intervals if necessary to maintain disease control. Apply the specified rate of BUZZ ULTRA DF as a foliar spray in a minimum of 20 gallons or more of water per acre to assure thorough coverage of the plants. A spray oil recommended for use on banana or plantain should be utilized at 4.3 pints per acre in tank-mix with BUZZ ULTRA DF. Thoroughly mix BUZZ ULTRA DF in the spray solution prior to the addition of a spray oil.

PRECAUTION:

- BUZZ ULTRA DF is a sterol demethylation inhibitor (DMI) fungicide (Group 3). It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy.
- BUZZ ULTRA DF requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.

RESTRICTIONS:

- Do not apply more than 9.6 ounces (0.45 lb ai/acre) of BUZZ ULTRA DF per acre per harvest cycle.
- BUZZ ULTRA DF may be applied up to and including the day of harvest.
- Do not apply BUZZ ULTRA DF to non-bagged bananas.
- Do not mix BUZZ ULTRA DF with other DMI fungicides.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours without appropriate PPE for early entry.

BARLEY

CROP	DISEASE	RATE OF BUZZ ULTRA DF
Barley	Rusts (<i>Puccinia</i> spp.) Head blight (<i>Fusarium</i> spp.) - Suppression	2.4 ounces per acre

Application Instructions:

Apply in a minimum of 10 gallons of spray solution per acre by ground or 5 gallons per acre by air. Thorough coverage is important for optimum disease control. For optimum benefit, the lowest labeled rate of a spray surfactant should be tank mixed with BUZZ ULTRA DF. Barley fields should be observed closely for early disease symptoms, particularly when susceptible varieties are planted and/or under prolonged conditions favorable for disease development.

Rusts: Apply the specified rate of BUZZ ULTRA DF as soon as weather conditions are favorable for rust development or when first rust pustules are present on foliage.

Fusarium Head Blight: Apply the specified rate of BUZZ ULTRA DF for Fusarium head blight suppression when the main stem heads have fully emerged (Feekes 10.5) on 50% of the plants.

PRECAUTIONS:

- BUZZ ULTRA DF is a sterol demethylation inhibitor (DMI) fungicide (Group 3). It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy.
- BUZZ ULTRA DF requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.

RESTRICTIONS:

- Do not apply more than 2.4 ounces (0.11 lb ai/acre) of BUZZ ULTRA DF per acre per crop season.
- Do not apply BUZZ ULTRA DF less than 30 days before harvest.
- Straw cut after harvest may be fed or used for bedding.
- Grazing livestock or feeding of green forage is permitted 14 or more days after the last application of BUZZ ULTRA DF.
- Do not mix BUZZ ULTRA DF with other DMI fungicides.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours without appropriate PPE for early entry.

BEANS

CROP	DISEASE	RATE OF BUZZ ULTRA DF
Beans (fresh & dry except succulent shelled)	Rust (<i>Uromyces appendiculatus</i>)	2.4 to 3.6 ounces per acre

Application Instructions:

Apply BUZZ ULTRA DF in a protective spray schedule or when weather conditions are favorable for rust development. Apply in a minimum of 10 gallons of spray solution per acre by ground or 5 gallons per acre by air. Repeat applications at 14-day intervals, or as necessary to maintain control. For optimum disease control, the lowest labeled rate of a spray surfactant should be tank-mixed with BUZZ ULTRA DF.

Beans, fresh: BUZZ ULTRA DF may be applied up to 14 days before harvest.

Beans, dry: BUZZ ULTRA DF may be applied up to 14 days before harvest.

PRECAUTIONS:

- BUZZ ULTRA DF is a sterol demethylation inhibitor (DMI) fungicide (Group 3). It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy.
- BUZZ ULTRA DF requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.

RESTRICTIONS:

- Do not apply more than 14.4 ounces (0.675 lb ai/acre) of BUZZ ULTRA DF per acre per crop season for Beans, fresh.
- Do not apply more than 7.2 ounces (0.34 lb ai/acre) of BUZZ ULTRA DF per acre per crop season for Beans, dry.
- Do not mix BUZZ ULTRA DF with other DMI fungicides.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours without appropriate PPE for early entry.

GARDEN BEETS

CROP	DISEASE	RATE OF BUZZ ULTRA DF
Garden beet roots and tops (leaves)	Cercospora leaf spot (<i>Cercospora beticola</i>)	1.8 to 4.3 ounces per acre
Application Instructions: For optimum results use as a preventative treatment. Begin applications as soon as crop and/or environmental conditions become favorable for disease development. Apply in a minimum of 10 gallons of spray solution per acre by ground or 5 gallons per acre by air. Make applications on a 14-day interval. The lowest labeled rate of a spray surfactant should be tank-mixed with BUZZ ULTRA DF. PRECAUTIONS: <ul style="list-style-type: none">- BUZZ ULTRA DF is a sterol demethylation inhibitor (DMI) fungicide (Group 3). It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy.- BUZZ ULTRA DF requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time. RESTRICTIONS: <ul style="list-style-type: none">- Do not apply more than 17.3 ounces (0.81 lb ai/acre) of BUZZ ULTRA DF per acre per season.- Do not apply within 14 days of harvest.- Do not mix BUZZ ULTRA DF with other DMI fungicides. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours without appropriate PPE for early entry.		

CORN

CROP	DISEASE	RATE OF BUZZ ULTRA DF
Corn (sweet corn, field corn, field corn grown for seed, and popcorn)	Rust (<i>Puccinia</i> spp.) Northern leaf blight (<i>Helminthosporium turcicum</i>) Southern leaf blight (<i>Helminthosporium maydis</i>) Northern leaf spot (<i>Helminthosporium carbonum</i>) Gray leaf spot (<i>Cercospora zeae-maydis</i>)	2.4 to 3.6 ounces per acre
Application Instructions: Apply BUZZ ULTRA DF in a protective spray schedule or when weather conditions are favorable for disease development. Apply in a minimum of 10 gallons of spray solution per acre by ground or 5 gallons per acre by air. Repeat applications at 7-to 14-day intervals, or as necessary to maintain control. For optimum disease control, the lowest labeled rate of a spray surfactant should be tank-mixed with BUZZ ULTRA DF. PRECAUTIONS: <ul style="list-style-type: none">- BUZZ ULTRA DF is a sterol demethylation inhibitor (DMI) fungicide (Group 3). It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy.- BUZZ ULTRA DF requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.		



RESTRICTIONS:

- Do not apply more than 14.4 ounces (0.675 lb ai/acre) of BUZZ ULTRADF per acre per crop season.
- Sweet corn: BUZZ ULTRADF may be applied up to 14 days before the harvest of ears or forage and 49 days before the harvest of fodder.
- Field, Seed, or Popcorn: BUZZ ULTRADF may be applied up to 21 days before the harvest of forage, and 36 days before the harvest of grain or fodder.
- Do not mix BUZZ ULTRADF with other DMI fungicides.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 19 days for sweet corn and 12 hours for all corn except sweet corn without appropriate PPE for early entry.

COTTON

CROP	DISEASE	RATE OF BUZZ ULTRADF
Cotton	Southwestern cotton rust (<i>Puccinia cacabata</i>)	3.6 to 4.8 ounces per acre

Application Instructions:

Apply BUZZ ULTRADF in a protective spray schedule or when weather conditions are favorable for rust development. Apply in a minimum of 10 gallons of spray solution per acre by ground or 5 gallons per acre by air. Repeat applications at 7- to 14-day intervals, or as necessary to maintain control. For optimum disease control, the lowest labeled rate of a spray surfactant should be tank-mixed with BUZZ ULTRADF.

PRECAUTIONS:

- BUZZ ULTRADF is a sterol demethylation inhibitor (DMI) fungicide (Group 3). It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy.
- BUZZ ULTRADF requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.

RESTRICTIONS:

- Do not apply more than 14.4 ounces (0.675 lb ai/acre) of BUZZ ULTRADF per acre per crop season.
- BUZZ ULTRADF may be applied up to 30 days before harvest.
- Do not mix BUZZ ULTRADF with other DMI fungicides.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours without appropriate PPE for early entry.



CUCURBIT VEGETABLES

CROP	DISEASE	RATE OF BUZZ ULTRA DF
Chayote Chinese waxgourd Citron melon Cucumber Gherkin Edible gourd, (includes hyotan, cucuza, hechima and Chinese okra) Momordica spp. (includes balsam apple, balsam pear, bitter melon and Chinese cucumber) Muskmelon (includes cantaloupe, casaba, crenshaw melon, golden pershaw melon, Persian melon, pineapple melon, Santa Claus melon and snake melon) Pumpkin Summer Squash (includes crookneck squash, scallop squash, straight neck squash, vegetable marrow and zucchini) Winter squash (includes butternut squash, calabaza, hubbard squash, acorn squash and spaghetti squash) Watermelon	Powdery mildew (<i>Sphaerotheca fuliginea</i> / <i>Podosphaera xanthii</i>) (<i>Erysiphe cichoracearum</i>) Gummy stem blight - suppression (<i>Didymella bryoniae</i>) (watermelon, squash, pumpkin, and melons only)	2.4 to 3.6 ounces per acre 4.8 ounces per acre

Application Instructions:

Apply BUZZ ULTRA DF in a protective spray schedule to foliage and fruit. Apply in a minimum 10 gallons of spray solution per acre by ground or 5 gallons per acre by air. Repeat applications at 10- to 14-day intervals. For optimum disease control, the lowest labeled rate of a spray surfactant should be tank-mixed with BUZZ ULTRA DF.

PRECAUTIONS:

- BUZZ ULTRA DF is a sterol demethylation inhibitor (DMI) fungicide (Group 3). It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy.

- BUZZ ULTRA DF requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.

RESTRICTIONS:

- Do not apply more than 14.4 ounces (0.675 lb ai/acre) of BUZZ ULTRA DF per acre per crop season.

- BUZZ ULTRA DF may be applied up to 14 days before harvest.

- Do not mix BUZZ ULTRA DF with other DMI fungicides.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours without appropriate PPE for early entry.



GARLIC AND ONIONS

CROP	DISEASE	RATE OF BUZZ ULTRA DF
Dry bulb onion	White rot (<i>Sclerotium cepivorum</i>)	White rot: 12.3 ounces per acre applied in a 4 to 6 inch band over/into each furrow. May be applied by chemigation to control white rot.
Garlic		
Great-headed (elephant) garlic	Rust (<i>Puccinia allii</i> , <i>Puccinia porri</i>) Purple blotch (<i>Alternaria porri</i>)	2.4 to 3.6 ounces per acre
Shallot		

Application Instructions:

For optimum results, apply BUZZ ULTRA DF as a preventative treatment. Begin applications as soon as crop and/or environmental conditions become favorable for disease development. The lowest labeled rate of a spray surfactant should be tank-mixed with BUZZ ULTRA DF. For foliar applications, apply in a minimum of 10 gallons of spray solution per acre by ground or 5 gallons per acre by air.

White rot: For the control of white rot, make one application in the furrow at the time of planting. The in-furrow application should be made at the rate of 12.3 ounces BUZZ ULTRA DF per acre. Apply the entire per acre rate in a 4 to 6 inch band over/into each furrow. Additional control may be obtained by including two foliar applications at 2.4 to 3.6 ounces per acre.

Rust: For the control of rust make foliar applications at the specified rates of BUZZ ULTRA DF per acre per application. Repeat at an interval of 10 to 14 days.

PRECAUTIONS:

- BUZZ ULTRA DF is a sterol demethylation inhibitor (DMI) fungicide (Group 3). It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy.
- BUZZ ULTRA DF requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.

RESTRICTIONS:

- Do not apply more than 32.5 ounces (0.91 lb ai/acre) of BUZZ ULTRA DF per acre per season if an in-furrow treatment is made.
- Do not apply more than 7.2 ounces (0.34 lb ai/acre) of BUZZ ULTRA DF per acre per season as a foliar spray if BUZZ ULTRA DF is not applied as an in-furrow treatment.
- Do not apply within 14 days of harvest.
- Do not mix BUZZ ULTRA DF with other DMI fungicides.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours without appropriate PPE for early entry.

GRAPE

CROP	DISEASE	RATE OF BUZZ ULTRA DF
Grape	Black rot (<i>Guignardias bidwellii</i>) Powdery mildew (<i>Uncinula necator</i>)	2.4 ounces per acre

Application Instructions:

Apply in a minimum of 50 gallons of spray solution per acre. Increase spray volume as vine growth increases in order to provide thorough coverage of vines and fruit. For optimum disease control, the lowest labeled rate of a nonionic spray surfactant should be tank-mixed with BUZZ ULTRA DF.

Powdery Mildew

Apply in a preventive spray schedule. Make the first application of BUZZ ULTRA DF before bloom and continue applications using spray intervals of up to 21 days in low to moderate disease pressure at lower rates in the rate range. Use higher rates and a 14-day schedule when disease pressure is severe.

Black Rot

Preventative Schedule: Make the first application at 1-to 3-inches of new shoot growth and continue at 7- to 14-day intervals through 5° Brix stage or until veraison (berry coloring) is complete. Apply at 1-inch new shoot growth and at 7- to 10-day intervals on highly susceptible varieties or under severe disease conditions.

Post-Infection Schedule: A post-infection schedule may be followed from 1-inch new shoot growth through 5° Brix stage. Apply within 72 hours after the beginning of an infection period. BUZZ ULTRA DF applications should not be closer than 7 days apart. Continue BUZZ ULTRA DF applications using the preventive schedule if the post-infection schedule is discontinued.

Botrytis

BUZZ ULTRA DF, applied in a powdery mildew spray schedule, will enhance the activity of registered fungicides used for control of Botrytis bunch rot. Applications must be made on a 14-day schedule for suppression of Botrytis.

PRECAUTIONS:

- BUZZ ULTRA DF is a sterol demethylation inhibitor (DMI) fungicide (Group 3). It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy.
- BUZZ ULTRA DF requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.
- Apply by ground application only in the state of New York.

RESTRICTIONS:

- Do not apply more than 19.2 ounces (0.9 lb ai/acre) of BUZZ ULTRA DF per acre per crop season.
- BUZZ ULTRA DF may be applied up to 14 days prior to harvest.
- Do not make applications less than 7 days apart.
- Do not mix BUZZ ULTRA DF with other DMI fungicides.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours without appropriate PPE for early entry.

GRASSES GROWN FOR SEED

CROP	DISEASE	RATE OF BUZZ ULTRA DF
Grasses Grown for Seed	Rusts (<i>Puccinia spp.</i>) Powdery mildew	2.4 to 4.8 ounces per acre

Application Instructions:

Apply in a minimum of 20 gallons of spray solution per acre by ground or 10 gallons per acre by air. Thorough coverage is important for optimum disease control. For optimum benefit, the lowest labeled rate of a spray surfactant should be tank mixed with BUZZ ULTRA DF.

Rusts: Apply the specified rate of BUZZ ULTRA DF as soon as weather conditions are favorable for rust development or when first rust pustules are present. Repeat applications at 14- to 16-day intervals. Under heavy disease pressure use 3.6 to 4.8 ounces/acre and shorter spray intervals.

Powdery Mildew: Apply specified rate of BUZZ ULTRA DF when powdery mildew first appears on the leaves. Repeat applications at 14- to 16-day intervals. Under heavy disease pressure use 3.6 to 4.8 ounces/acre and shorter spray intervals.

PRECAUTIONS:

- BUZZ ULTRA DF is a sterol demethylation inhibitor (DMI) fungicide (Group 3). It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy.

- BUZZ ULTRA DF requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.

RESTRICTIONS:

- Do not apply more than 9.6 ounces (0.45 lb ai/acre) of BUZZ ULTRA DF per acre per crop season.

- Do not apply BUZZ ULTRA DF within 14 days of harvest.

- Chaff, screenings and straw from treated areas may be used for feed purposes; however, do not forage, cut green crop, or use seed for feed purposes.

- Regrowth may be grazed starting 17 days after last application.

- Do not mix BUZZ ULTRA DF with other DMI fungicides.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours without appropriate PPE for early entry.

HOPS

CROP	DISEASE	RATE OF BUZZ ULTRA DF
Hops	Powdery mildew (<i>Sphaerotheca humuli</i> / <i>Sphaerotheca macularis</i>)	2.4 to 4.8 ounces per acre

Application Instructions:

Apply the specified rate of BUZZ ULTRA DF in a protective spray schedule to foliage. Repeat applications on a 10- to 14-day spray interval. Use of the higher rate and shorter spray intervals are recommended when disease pressure is severe. For optimum disease control, the lowest labeled rate of a nonionic spray surfactant should be tank-mixed with BUZZ ULTRA DF. Apply in a minimum of 10 gallons of spray solution per acre by ground or 5 gallons per acre by air. Thorough coverage is important for optimum disease control. Increase spray volume as crop grows and more spray volume is required for thorough coverage.



PRECAUTIONS:

- BUZZ ULTRA DF is a sterol demethylation inhibitor (DMI) fungicide (Group 3). It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy.
- BUZZ ULTRA DF requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.

RESTRICTIONS:

- Do not apply more than 19.2 ounces (0.9 lb ai/acre) of BUZZ ULTRA DF per acre per season.
- Do not apply BUZZ ULTRA DF within 14 days of harvest.
- Do not mix BUZZ ULTRA DF with other DMI fungicides.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours without appropriate PPE for early entry.

LEAFY BRASSICA GREENS

CROP	DISEASE	RATE OF BUZZ ULTRA DF
Broccoli raab Chinese cabbage (bok choy) Collards Kale Mizuna Mustard greens Mustard spinach Rape greens Turnip greens (Application to turnip greens is limited to East of the Rockies.)	Cercospora leaf spot (<i>Cercospora brassicola</i>) Powdery Mildew (<i>Erysiphe cruciferarum</i>) Alternaria leaf spot (<i>Alternaria brassicola</i>)	1.8 to 2.4 ounces per acre

Application Instructions:

For optimum results, use as a preventative treatment. Begin applications as soon as crop and/or environmental conditions become favorable for disease development. Apply in a minimum of 10 gallons of spray solution per acre by ground or 5 gallons per acre by air. Make applications on a 10-day interval. The lowest labeled rate of a spray surfactant should be tank-mixed with BUZZ ULTRA DF.

PRECAUTIONS:

- BUZZ ULTRA DF is a sterol demethylation inhibitor (DMI) fungicide (Group 3). It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy.
- BUZZ ULTRA DF requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.

RESTRICTIONS:

- Do not apply more than 9.6 ounces (0.45 lb ai/acre) of BUZZ ULTRA DF per acre per season.
- Do not apply within 14 days of harvest.
- Do not mix BUZZ ULTRA DF with other DMI fungicides.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours without appropriate PPE for early entry.



LYCHEE

CROP	DISEASE	RATE OF BUZZ ULTRA DF
Lychee	Anthraconose (<i>Colletotrichum gloeosporioides</i>)	2.4 to 3.6 ounces per acre

Application Instructions:
 Begin first application of BUZZ ULTRA DF as panicle emerges. Spray up to 3.6 ounces per acre every 10 days thereafter for a total of 8 sprays. Apply specified dosage in a minimum 50 gallons of spray solution per acre by ground only. For optimum disease control, the lowest labeled rate of a spray surfactant should be tank-mixed with BUZZ ULTRA DF.

PRECAUTIONS:

- BUZZ ULTRA DF is a sterol demethylation inhibitor (DMI) fungicide (Group 3). It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy.
- BUZZ ULTRA DF requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.

RESTRICTIONS:

- Do not apply more than 28.8 ounces (1.35 lb ai/acre) of BUZZ ULTRA DF per acre per season.
- BUZZ ULTRA DF can be applied up to 14 days prior to harvest.
- Do not mix BUZZ ULTRA DF with other DMI fungicides.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 2 days without appropriate PPE for early entry.

OKRA

CROP	DISEASE	RATE OF BUZZ ULTRA DF
Okra	Cercospora leaf spot (<i>Cercospora</i> spp.)	2.4 to 3.6 ounces per acre

Application Instructions:
 Apply specific dosage of BUZZ ULTRA DF in a preventative spray program. Use the highest rate when disease conditions are favorable and in areas where high disease pressure is expected. Applications may be repeated at 14-day interval in order to maintain control of the disease. Apply specified dosage as a foliar spray in a minimum of 20 gallons of spray solution per acre by ground or a minimum of 5 gallons of spray solution by air. For optimum disease control, the lowest labeled rate of a spray surfactant should be tank-mixed with BUZZ ULTRA DF.

PRECAUTIONS:

- BUZZ ULTRA DF is a sterol demethylation inhibitor (DMI) fungicide (Group 3). It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy.
- BUZZ ULTRA DF requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.

RESTRICTIONS:

- Do not apply more than 14.4 ounces (0.675 lb ai/acre) of BUZZ ULTRA DF per acre per season.
- Applications may be made no closer than 14 days before harvest.
- Do not mix BUZZ ULTRA DF with other DMI fungicides.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours without appropriate PPE for early entry.



ONIONS/GREEN

CROP	DISEASE	RATE OF BUZZ ULTRA DF
Green onion Leek Spring onion Scallion Japanese bunching onion Green shallots Green eschalots Welsh onion	White rot (<i>Sclerotium cepivorum</i>) suppression only Rust (<i>Puccinia allii</i> , <i>Puccinia porri</i>) Purple blotch (<i>Alternaria porri</i>)	2.4 to 3.6 ounces per acre

Application Instructions:

For optimum results, use as a preventative treatment. Begin applications as soon as crop and/or environmental conditions become favorable for disease development. Apply in a minimum of 10 gallons of spray solution per acre by ground or 5 gallons per acre by air. The lowest labeled rate of a spray surfactant should be tank-mixed with BUZZ ULTRA DF.

PRECAUTIONS:

- BUZZ ULTRA DF is a sterol demethylation inhibitor (DMI) fungicide (Group 3). It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy.
- BUZZ ULTRA DF requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.

RESTRICTIONS:

- Do not apply more than 14.4 ounces (0.675 lb ai/acre) of BUZZ ULTRA DF per acre per season.
- Do not apply within 14 days of harvest.
- Do not mix BUZZ ULTRA DF with other DMI fungicides.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours without appropriate PPE for early entry.

PEANUT

CROP	DISEASE	RATE OF BUZZ ULTRA DF
Peanut	SOILBORNE: Sclerotium stem and pod rot (white mold, southern blight, southern stem rot), Rhizoctonia limb rot, Rhizoctonia pod rot (Virginia and North Carolina only) FOLIAR: Early leaf spot (<i>Cercospora arachidicola</i>) Late leaf spot (<i>Cercosporidium personatum</i>) Leaf rust (<i>Puccinia arachidis</i>) Web blotch (<i>Phoma arachidicola</i>) Pepper spot (<i>Leptosphaerulina crassiasca</i>)	4.3 ounces per acre



Application Instructions:

For optimum control of the specified soilborne diseases, four consecutive applications of BUZZ ULTRA DF must be made at 14-day intervals. BUZZ ULTRA DF must be carried by rainfall or irrigation into the root and pod zone for control of root and pod rots caused by *Sclerotium rolfsii* and *Rhizoctonia solani*. Drought conditions will decrease the effectiveness of BUZZ ULTRA DF against the root and pod rots.

When making foliar applications, apply BUZZ ULTRA DF in a minimum of 10 gallons of spray solution per acre by ground and 5 gallons per acre by air. Apply in sufficient spray volume for thorough coverage. For optimum disease control, the lowest labeled rate of a spray surfactant should be tank-mixed with BUZZ ULTRA DF.

FOUR-APPLICATION SPRAY PROGRAM: Apply the specified rate in a preventive spray schedule. See table below for proper timing of applications. Applications of chlorothalonil should be made prior to and following applications of BUZZ ULTRA DF to minimize development of resistant strains of fungi. For optimum control of foliar diseases such as leaf rust, web blotch, and pepper spot, the lowest labeled rate of a nonionic spray surfactant should be tank-mixed with BUZZ ULTRA DF.

LEAF SPOT ADVISORY SCHEDULE: For control of soilborne diseases in an advisory schedule, apply BUZZ ULTRA DF in the first advisory spray in July and continue BUZZ ULTRA DF applications at 14-day intervals. Applications after August 15 should be tank mixed with chlorothalonil for resistance management purposes.

Use BUZZ ULTRA DF in conjunction with cultural practices that are known to reduce the severity of soilborne diseases, such as proper crop rotation practices.

Chlorothalonil may be tank mixed at the rate of 12 ounces of active ingredient with BUZZ ULTRA DF as a leaf spot resistance management strategy. A spray surfactant is not necessary when BUZZ ULTRA DF is tank mixed with chlorothalonil.

Timing of BUZZ ULTRA DF Application for Optimum Control of White Mold and Rhizoctonia Limb and Pod Rot

Spray Program	BUZZ ULTRA DF Application No.	Chlorothalonil Application No.
7 applications	3, 4, 5 and 6	1, 2 and 7

PRECAUTIONS:

- BUZZ ULTRA DF is a sterol demethylation inhibitor (DMI) fungicide (Group 3). It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy.
- BUZZ ULTRA DF requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.

RESTRICTIONS:

- Do not apply more than 17.3 ounces (0.81 lb ai/acre) of BUZZ ULTRA DF per acre per crop season.
- Do not apply within 14 days prior to harvest.
- Do not feed hay or threshings or allow livestock to graze in treated areas.
- Do not mix BUZZ ULTRA DF with other DMI fungicides.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours without appropriate PPE for early entry.



PECAN

CROP	DISEASE	RATE OF BUZZ ULTRA DF
Pecan	Brown leaf spot (<i>Sirosporiurn diffusum</i>) Downy spot (<i>Mycosphaerella caryigena</i>) Liver spot (<i>Gnomonia caryae</i>) Scab (<i>Cladosporium caryigenum</i>) Vein spot (<i>Gnomonia nerviseda</i>) Zonate leaf spot (<i>Grovesinia pyramidalis</i>)	2.4 to 4.8 ounces per acre

Application Instructions:

Apply BUZZ ULTRA DF in a preventative spray schedule beginning at early bud break (young leaves unfolding), and continue applications at 10- to 14-day intervals through the pollination period. Make applications in a spray volume of 50 or more gallons per acre by ground and 15 or more gallons per acre by air.

BUZZ ULTRA DF should be applied at 2.4 ounces per acre in a tank-mix with the recommended rate of Super-Tin® in cover sprays. Follow label directions for the use of Super-Tin. Do not add a surfactant to the spray solution when tank-mixing BUZZ ULTRA DF with Super-Tin. Apply 4.2 to 4.8 ounces per acre of BUZZ ULTRA DF to full-size mature trees, and 2.4 to 3.6 ounces per acre of BUZZ ULTRA DF to smaller trees. Apply the high rate to varieties that are highly susceptible to the indicated diseases, or when severe disease conditions exist. The lowest labeled rate of a surfactant may be added to the spray solution for optimum control of the indicated diseases.

PRECAUTIONS:

- BUZZ ULTRA DF is a sterol demethylation inhibitor (DMI) fungicide (Group 3). It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy.
- BUZZ ULTRA DF requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.

RESTRICTIONS:

- A maximum of 19.2 ounces (0.9 lb ai/acre) of BUZZ ULTRA DF may be applied per acre per crop season.
- Do not add surfactant to the spray solution when tank-mixing BUZZ ULTRA DF with Super-Tin.
- Do not apply within 14 days of harvest or after shucks begin to split, whichever provides the longer pre-harvest interval.
- Do not cut cover crops in treated areas for feed or allow livestock to graze treated areas.
- Do not mix BUZZ ULTRA DF with other DMI fungicides.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours without appropriate PPE for early entry.

POME FRUITS (Apple, Crabapple, Loquat, Mayhaw, Pear, Pear oriental and Quince)

CROP	DISEASE	RATE OF BUZZ ULTRA DF	
Apple	Scab (<i>Venturia</i> spp.)	1.2 ounces per 100 gal*	2.4 to 4.8 ounces per acre**
Crabapple	Cedar-apple rust (<i>Gymino-sporangium</i>		
Loquat	<i>juniperi-virginianae</i>)		
Mayhaw	Powdery mildew (<i>Podosphaera leucotricha</i>)		
Pear			
Pear, oriental			
Quince			

Application Instructions:

* When using the 1.2 ounces per 100 gal rate, use at least 2.4 ounces of BUZZ ULTRA DF per acre.

** The amount of BUZZ ULTRA DF required per acre will depend on tree size and volume of foliage present.

The rate per acre is based on a standard of 400 gallons of dilute spray solution per acre for large trees. For smaller trees, multiply 1.2 ounces times the number of 100 gallons of spray solution required to thoroughly wet, to the point of runoff, one acre of the trees being treated. For concentrate sprays, apply in a minimum of 50 gallons of spray per acre and apply the same amount of product per acre as would be applied in a dilute spray based on tree size and foliage volume, but not less than 2.4 ounces of BUZZ ULTRA DF per acre. Apply 3.6 to 4.8 ounces per acre of BUZZ ULTRA DF when severe disease conditions exist.

Scab - Preventative schedule: Apply at 7- to 10-day intervals from green tip through the second cover spray.

Scab - Post-infection schedule: Apply within 72 hours after the beginning of a scab infection period. BUZZ ULTRA DF applications should not be closer than 7 days apart. Continue BUZZ ULTRA DF applications using the preventive schedule if the post-infection schedule is discontinued. **Cedar-apple rust:** Apply at 7- to 10-day intervals from pink stage through the second cover spray.

Powdery mildew: Apply at 7- to 10-day intervals from tight cluster through the second cover spray.

PRECAUTIONS:

- BUZZ ULTRA DF is a sterol demethylation inhibitor (DMI) fungicide (Group 3). It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy.

- BUZZ ULTRA DF requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.

RESTRICTIONS:

- Do not apply more than 28.8 ounces (1.35 lb ai/acre) of BUZZ ULTRA DF per acre per crop season.

- BUZZ ULTRA DF may be applied up to 75 days before harvest.

- Do not mix BUZZ ULTRA DF with other DMI fungicides.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 5 days without appropriate PPE for early entry.

SOYBEAN

CROP	DISEASE	RATE OF BUZZ ULTRA DF
Soybean	Rust (<i>Phakopsora pachyrhizi</i>) Powdery mildew (<i>Microspheera diffusa</i>)	1.8 to 2.4 ounces per acre

Application Instructions:

Apply the specified rate of BUZZ ULTRA DF as a broadcast foliar spray prior to or at first appearance of disease. Repeat applications on a 10 to 14 day interval if environmental conditions are favorable for continued disease development. Use of the higher rate and shorter spray intervals are recommended when disease pressure is severe. For optimum disease control, the lowest labeled rate of a nonionic spray surfactant should be tank-mixed with BUZZ ULTRA DF. Apply in a minimum of 10 gallons of spray solution per acre by ground or 5 gallons per acre by air. Thorough coverage is important for optimum disease control. Applications may be made up to the R6 (full seed) soybean growth stage.

PRECAUTIONS:

- BUZZ ULTRA DF is a sterol demethylation inhibitor (DMI) fungicide (Group 3). It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy.
- BUZZ ULTRA DF requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.

RESTRICTIONS:

- Do not apply more than 7.2 ounces (0.34 lb ai/acre) of BUZZ ULTRA DF per acre per season.
- Do not apply BUZZ ULTRA DF within 21 days of harvest.
- Do not apply more than 3 applications per acre per season.
- Do not feed soybean forage or hay to livestock.
- Do not mix BUZZ ULTRA DF with other DMI fungicides.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours without appropriate PPE for early entry.

STONE FRUITS (Apricot, Cherry, Nectarine, Peach, Plum, Plumcot and Prune [fresh])

CROP	DISEASE	RATE OF BUZZ ULTRA DF	
Apricot Cherry Nectarine Peach Plum Plumcot Prune (fresh)	Brown rot/blossom blight, fruit rot (<i>Monilinia laxa</i> , <i>M. fructicola</i>) Cherry leaf spot (<i>Blumeriella jaapii</i>) Powdery mildew (<i>Podosphaera</i> spp., <i>Sphaerotheca pannosa</i>)	1.2 ounces per 100 gal*	2.4 to 4.8 ounces per acre**
Plum Plumcot Prune (fresh) Peach	Rust (<i>Tranzschelia discolor</i>)	1.2 ounces per 100 gal*	3.0 to 4.8 ounces per acre**



Application Instructions:

* When using the 1.2 ounces per 100 gal rate, use at least 2.4 ounces of BUZZ ULTRA DF per acre.

** The amount of BUZZ ULTRADF required per acre will depend on tree size and volume of foliage present. The rate per acre is based on a standard of 400 gallons of dilute spray solution per acre for large trees. For smaller trees, multiply 1.2 ounces times the number of 100 gallons of spray solution required to thoroughly wet, to the point of runoff, one acre of the trees being treated. For concentrate sprays, apply in a minimum of 50 gallons of spray per acre and apply the same amount of product per acre as would be applied in a dilute spray based on tree size and foliage volume, but not less than 2.4 ounces of BUZZ ULTRADF per acre. Apply 3.6 to 4.8 ounces per acre of BUZZ ULTRADF when severe disease conditions exist.

Blossom blight: Begin application at white bud on cherry, or pink bud on peach and nectarine, and green tip on plums and prunes. Apply again at 50% bloom and petal fall if conditions continue to be favorable for disease development.

Fruit rot: Begin application at two to three weeks before harvest and continue at 7-day intervals through the day of harvest. The blossom and fruit stages must be protected for optimum control of brown rot. If BUZZ ULTRA DF is applied during only one of these stages, another registered fungicide should be applied to the other stage to provide optimum protection. Additional cover sprays during the early postbloom period are also important for preventing quiescent fruit infections in sweet cherry and peach.

Leaf spot: Begin application at petal fall or when first leaves unfold and continue applications at 7- to 14-day intervals. Applications should be made at 7-day intervals early in the growing season when terminal growth is rapid and/or under severe disease conditions. A post-harvest application may be made to maintain control and reduce overwintering inoculum.

Powdery mildew: Follow leaf spot schedule until terminal growth ceases.

Rust: Begin applications after canker emergence and continue applications at 14-day intervals under severe disease conditions.

PRECAUTIONS:

- BUZZ ULTRA DF is a sterol demethylation inhibitor (DMI) fungicide (Group 3). It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy.

- BUZZ ULTRA DF requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.

RESTRICTIONS:

- Do not apply more than 28.8 ounces (1.35 lb ai/acre) of BUZZ ULTRADF per acre per crop season.

- BUZZ ULTRADF may be applied up to and including the day of harvest.

- Do not mix BUZZ ULTRADF with other DMI fungicides.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 5 days.

Cherry (Post-Harvest)

Brown rot (*Anisogramma anomala*)
Gray mold (*Botrytis cinerea*)
Rhizopus rot (*Rhizopus* spp.)

4.8 to 9.6 ounces per 25,000 pounds of fruit

Mix the specified rate of BUZZ ULTRA DF in 100 gallons of water or wax/oil emulsion (or aqueous dilution of a wax/oil emulsion). Apply through a spray or flood system on a commercial packing line after stem cutting, sizing, sorting, or washing. For spray treatments, use conventional spray equipment such as T-Jet, flat-fan, or flood jet spray nozzles. Use enough fruit coating material to fully coat fruit. Workers handling treated fruit need to wear waterproof gloves. Do not apply more than once prior to boxing and do not rinse.

Plums (Post-Harvest) Including: Chickasaw, Damson, Japanese, Plumcot, Prune (fresh)	Brown rot (<i>Anisogramma anomala</i>) Gray mold (<i>Botrytis cinerea</i>) Rhizopus rot (<i>Rhizopus</i> spp.)	4.8 ounces per 200,000 pounds of fruit
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Mix the specified rate of BUZZ ULTRA DF in 100 gallons of water, with or without wax. Maintain BUZZ ULTRA DF suspension by direct or by-pass agitation sufficient to prevent settling of product in spray mixture. Apply as spray to fruit as they travel along the packing line. After sizing, sorting, or washing, BUZZ ULTRA DF application may be incorporated into a waxing system using conventional equipment that provides for even and complete coverage of fruit. Do not apply more than once prior to boxing and do not rinse.

SUNFLOWER

CROP	DISEASE	RATE OF BUZZ ULTRA DF
Sunflower	Rust (<i>Puccinia helianthi</i>)	2.4 to 3.6 ounces per acre

Application Instructions:

Apply specific dosage of BUZZ ULTRA DF at the earliest sign of infection (rust pustules developing) or when weather conditions are favorable for rust development. Apply higher rate to highly susceptible varieties and/or under severe disease conditions. Application may be repeated at 14 days if necessary to maintain control of the disease. Apply specified dosage in a minimum of 20 gallons of spray solution per acre by ground or a minimum of 5 gallons of spray solution by air. For optimum disease control, the lowest labeled rate of a spray surfactant should be tank-mixed with BUZZ ULTRA DF. Contact your state Extension Service or Sulphur Mills Ltd. representative for a list of approved surfactants.

PRECAUTIONS:

- BUZZ ULTRA DF is a sterol demethylation inhibitor (DMI) fungicide (Group 3). It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy.
- BUZZ ULTRA DF requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.

RESTRICTIONS:

- Do not apply more than 9.6 ounces (0.45 lb ai/acre) of BUZZ ULTRA DF per acre per season.
- Do not apply BUZZ ULTRA DF within 50 days of harvest.
- Do not mix BUZZ ULTRA DF with other DMI fungicides.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours without appropriate PPE for early entry.

TREE NUTS (Almond, Beechnut, Brazil nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert, Hickory nut, Macadamia nut, Pistachios and Walnut

CROP	DISEASE	RATE OF BUZZ ULTRA DF
Almond (see specific use directions)	Brown rot blossom blight	4.8 ounces per acre
Beechnut	(<i>Monilinia laxa</i> , <i>M. fructicola</i>)	
Brazil Nut	Botryosphaeria panicle and shoot blight	
Butternut	(<i>Botryosphaeria clothidea</i>)	
Cashew	Eastern filbert blight	
Chestnut	(<i>Anisogramma anomala</i>)	
Chinquapin		
Filbert (see specific use directions)		
Hickory nut		
Macadamia Nut		
Pistachios (see specific use directions)		
Walnut		

Application Instructions:

For all crops except almond, pistachio and filbert (hazelnut), begin applications when conditions are favorable for disease but before infection. Apply on a 7-to 14-day spray schedule. Apply BUZZ ULTRA DF in sufficient spray volume for thorough coverage.

Almond: For control of brown rot blossom blight, begin application at pink bud. If the bloom period is extended, and/or severe disease conditions exist, make a second application at full bloom. If conditions remain favorable for disease, make another application at petal fall. Apply BUZZ ULTRA DF in a minimum spray volume of 15 gallons per acre by air or 50 gallons per acre by ground. Reduce the application interval for varieties that are highly susceptible to the indicated diseases or when severe disease conditions exist. The use of ground application after petal fall is preferred because of difficulty in penetrating the canopy and obtaining thorough coverage of the foliage and fruit by air.

Pistachios: For control of Botryosphaeria panicle and shoot blight, begin application at 25 to 50% bloom and repeat again 10 to 14 days later to protect young flower clusters and fruit. Make two additional applications of BUZZ ULTRA DF 14 days apart beginning 49 days before harvest. Apply BUZZ ULTRA DF in a minimum spray volume of 15 gallons per acre by air or 50 gallons per acre by ground. Reduce the application interval for varieties that are highly susceptible to the indicated diseases or when severe disease conditions exist. The use of ground application after flowering is preferred because of difficulty in penetrating the canopy and obtaining thorough coverage of the foliage and fruit by air. Control of insect vectors and a thorough pruning program to remove plant tissue infected by *Botryosphaeria* spp. are critical for optimum control of this disease.

Filberts (Hazelnuts): For control of eastern filbert blight, apply BUZZ ULTRA DF in a preventative spray schedule when conditions are favorable for disease (such as budbreak when the first green tissue is visible). Continue applications of BUZZ ULTRA DF at 7-to 14-day intervals if weather conditions are conducive to disease development. Use shorter spray intervals during budbreak and rapid shoot elongation. The expanding shoot tip must be protected. Reduce the application interval for varieties that are highly susceptible to the indicated disease or when severe disease conditions exist. Apply BUZZ ULTRA DF in sufficient spray volume for thorough coverage. Tank-mixing the lowest labeled rate of a spray surfactant with BUZZ ULTRA DF may improve spray coverage and penetration of the active ingredient into plant tissue. The use of ground application is preferred because of the difficulty in penetrating the canopy and obtaining thorough coverage of the foliage and stems by air.



PRECAUTIONS:

- BUZZ ULTRA DF is a sterol demethylation inhibitor (DMI) fungicide (Group 3). It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy.
- BUZZ ULTRA DF requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigations occurs. It will be resistant to weathering after that period of time.

RESTRICTIONS:

- Do not apply more than 19.2 ounces (0.9 lb ai/acre) of BUZZ ULTRA DF per acre per crop season.
- For Filberts (Hazelnuts) BUZZ ULTRA DF may be applied up to 36 days before harvest.
- For all other Tree Nuts, BUZZ ULTRA DF may be applied up to 35 days before harvest.
- Do not cut cover crops in treated areas for feed, or allow livestock to graze treated areas.
- Do not mix BUZZ ULTRA DF with other DMI fungicides.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours without appropriate PPE for early entry.

TURNIP

CROP	DISEASE	RATE OF BUZZ ULTRA DF
Turnip (application is limited to East of the Rockies)	Cercospora leaf spot (<i>Cercospora brassicicola</i>)	2.4 to 4.3 ounces per acre

Application Instructions:

Apply the specified dosage in a protective spray schedule to foliage. Repeat application at 12-to 14-day intervals. Apply in a minimum of 10 gallons of spray solution per acre by ground or 5 gallons per acre by air. For optimum disease control, the lowest labeled rate of a spray surfactant should be tank-mixed with BUZZ ULTRA DF.

PRECAUTIONS:

- BUZZ ULTRA DF is a sterol demethylation inhibitor (DMI) fungicide (Group 3). It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy.
- BUZZ ULTRA DF requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigations occurs. It will be resistant to weathering after that period of time.

RESTRICTIONS:

- Do not apply more than 17.3 ounces (0.81 lb ai/acre) of BUZZ ULTRA DF per acre per crop season.
- BUZZ ULTRA DF may be applied up to 14 days before harvest.
- Do not mix BUZZ ULTRA DF with other DMI fungicides.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours without appropriate PPE for early entry.



WHEAT

CROP	DISEASE	RATE OF BUZZ ULTRA DF
Wheat	Rusts leaf, stem and stripe (<i>Puccinia</i> spp.) Head blight or scab (<i>Fusarium</i> spp.) - Suppression	2.4 ounces per acre

Application Instructions:

Apply in a minimum of 10 gallons of spray solution per acre by ground or 5 gallons per acre by air. Thorough coverage is important for optimum disease control. For optimum benefit, the lowest labeled rate of a spray surfactant should be tank mixed with BUZZ ULTRA DF. Wheat fields should be observed closely for early disease symptoms, particularly when susceptible varieties are planted and/or under prolonged conditions favorable for disease development.

Rusts: Apply the specified rate of BUZZ ULTRA DF as soon as weather conditions are favorable for rust development or when first rust pustules are present on foliage.

Fusarium Head Blight: Apply specified rate of BUZZ ULTRA DF for Fusarium head blight suppression at the beginning of flowering on the main stem heads (Feekes 10.51).

PRECAUTIONS:

- BUZZ ULTRA DF is a sterol demethylation inhibitor (DMI) fungicide (Group 3). It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy.
- BUZZ ULTRA DF requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigations occurs. It will be resistant to weathering after that period of time.

RESTRICTIONS:

- Do not apply more than 2.4 ounces (0.11 lb ai/acre) of BUZZ ULTRA DF per acre per crop season.
- Do not apply BUZZ ULTRA DF less than 30 days before harvest.
- Straw cut after harvest may be fed or used for bedding.
- Do not allow livestock to graze or feed green forage to livestock prior to 14 days after treatment with BUZZ ULTRA DF.
- Do not mix BUZZ ULTRA DF with other DMI fungicides.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours without appropriate PPE for early entry.

SEED TREATMENT

CROP	DISEASE	RATE OF BUZZ ULTRA DF
Corn (Sweet Corn, Field Corn, Field Corn Grown for Seed, and Popcorn)	Soilborne and Seedborne (<i>Fusarium</i> spp.)	0.043 ounces/CWT (1.2 grams/CWT)
	Soilborne and Seedborne Head smut (<i>Sphacelotheca reiliana</i>)	0.162 to 0.32 ounces/CWT (4.6 to 9.2 grams/CWT)



Application Instructions:

For control of soilborne and seedborne Fusarium and soilborne and seedborne head smut, apply BUZZ ULTRADF as a seed treatment using standard slurry or mist-type seed treatment equipment. Uniform application of seed is necessary to ensure seed safety and best disease protection. Seed should be sound and well cured prior to treatment. Dilute product with sufficient water to ensure complete seed coverage. Consult a seed treatment specialist regarding slurry rates recommended for the crop to be treated with BUZZ ULTRADF. The length of control will vary depending on the rate used.

PRECAUTIONS:

When using formulations that do not contain dye, to comply with 40 CFR 153.155, all seed treated with an economic poison must be colored to distinguish and prevent subsequent inadvertent uses as a food for man or feed for animals.

SEED LABELING: To meet U.S. Federal Seed Act requirements, all seed treated with BUZZ ULTRADF must be labeled:

TREATED SEED. DO NOT USE FOR FOOD, FEED OR OIL PURPOSES. Treated with Tebuconazole. EXCESS TREATED SEED MAY BE USED FOR ETHANOL PRODUCTION ONLY IF (1) BY - PRODUCTS ARE NOT USED FOR LIVESTOCK FEED AND (2) NO MEASURABLE RESIDUES OF PESTICIDE REMAIN IN THE ETHANOL BY - PRODUCTS THAT ARE USED IN AGRONOMIC PRACTICE.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If container is leaking or material is spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING:

Nonrefillable Container (flexible-bag-all weights): Do not reuse or refill this container. Offer for recycling, if available. Completely empty container into application equipment. Then dispose of empty container in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Nonrefillable Container (rigid-fifty lbs. or less): Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Nonrefillable Container (rigid-greater than fifty lbs.): Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

SPILL, FIRE, LEAK or OTHER CHEMICAL EMERGENCY: Do not walk through spilled material. In spill or leak incidents, keep unauthorized people away. In case of spill or leak on floor or paved surfaces, soak up with sand earth, or synthetic adsorbent. Remove to chemical waste area.

FOR 24-HOUR EMERGENCY ASSISTANCE (SPILL, LEAK, OR FIRE), CALL INFOTRAC AT 1-800-535-5053.



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