

DIRECTIONS FOR USE

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

Before applying Busan 1020, check the soil moisture. If the soil is dry, break up clods and loosen the surface and the soil. A week before treatment, moisten soil after irrigation to the desired depth by sprayer or flood engine. This step is essential for all methods of use. Immediately before application, cultivate lightly if the soil has crusted. To prevent loss from evaporation, use only at times when temperature is moderate and there is little wind movement. Soil temperature must be in the range of 60-80°F at a 3 inch depth. For other conditions, see section "Cultivation & Planting After Application." Do not apply to the soil surface as in the sprayer method when temperature is over 80°F or when low humidity or high winds would cause loss of Busan 1020 before it can be drawn into the soil with additional water. If fungus has one unpleasant during treatment, apply more water to seal the fungus into the soil where they should be confined to achieve maximum fungicidal benefit.

The activity of Busan 1020 is increased by the use of a tarp, plastic paper, or fabric spread loosely over the treated area and secured to prevent removal by wind. Keep covered for a minimum period of 48 hours. Several days after treatment, cultivate to a depth of 2 inches to expose the soil. Do not seed earlier than 21 days after application when tilling method is used.

USE PROMPTLY AFTER MIXING WITH WATER. DO NOT ALLOW SOLUTION TO STAND. Flush all equipment with water after each day's use. Disassemble valves and clean carefully.

CULTIVATION AND PLANTING AFTER APPLICATION
On seed bearing soil of light to medium texture which is not excessively wet or cold following application, planting may take place 14 to 21 days after treatment. If soils are heavy or especially high in organic matter or remain wet and cold (below 60°F), following application of Busan 1020 a minimum interval of 30 days should be observed. Where drainage is greater than 1.0 gal. per acre, wait at least 80 days (or heavy wet soils, light surface cultivation to break up crusting and promote drying of the soil should be done 8 to 7 days after application). The cultivation may be repeated as necessary. To avoid reinfesting treated soils, cultural practices should be such that untreated soils are not mixed with treated soils.

SPECIAL INSTRUCTIONS When treating pitting soil or heavier field soils including soils high in clay or organic matter, it is especially important that the soil be allowed to settle and dry thoroughly after using Busan 1020. During cold and or wet weather, frequent shallow cultivations may set the stage of Busan 1020 from the soil. If a dust or insecticide seedling plant and examine for injury before planting crop.

USES APPLICATION METHODS & RATES FOR SHALLOW PITS IN SEED BEDS PLANT BEDS LAWNS AND OTHER LIMITED AREAS

SPRINKLER CAN METHOD For use on Busan 1020, the sprayer should be set to deliver 50 gal. of water per acre. Sprinkle with water to a depth of 1 inch. For 48 hours, hose proportioner method. Apply 1 qt. Busan 1020 to 100 gal. water in a hose proportioner and spray uniformly to a depth of 1 inch. Sprinkle with water to a depth of 1 inch for 48 hours.

SOIL INJECTION Soils in heavy states (clay, silt, sand, etc.) Busan 1020 is injected into the soil by means of a soil injection system. The soil should be moistened to a depth of 3 to 4 inches before application. The soil should be moistened to a depth of 3 to 4 inches before application. The soil should be moistened to a depth of 3 to 4 inches before application.

ROTARY TILLER For use on Busan 1020, the rotary tiller should be set to deliver 50 gal. of water per acre. Sprinkle with water to a depth of 1 inch. For 48 hours, hose proportioner method. Apply 1 qt. Busan 1020 to 100 gal. water in a hose proportioner and spray uniformly to a depth of 1 inch. Sprinkle with water to a depth of 1 inch for 48 hours.

FIELD APPLICATION WHERE ENTIRE AREA IS BEING TREATED
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SPRINKLER SYSTEM For use on Busan 1020, the sprayer should be set to deliver 50 gal. of water per acre. Sprinkle with water to a depth of 1 inch. For 48 hours, hose proportioner method. Apply 1 qt. Busan 1020 to 100 gal. water in a hose proportioner and spray uniformly to a depth of 1 inch. Sprinkle with water to a depth of 1 inch for 48 hours.



BUSAN® 1020

ACTIVE INGREDIENT Sodium N-methylthiocarbamate 33%
INERT INGREDIENTS 67%
TOTAL 100%

The product contains 3.1 lb. of active ingredient per gallon and weighs 9.5 lb. per gallon.

Manufactured by

Buckman Laboratories, Inc.
Memphis, Tennessee 38108, U.S.A.

NET CONTENTS AS MARKED ON CONTAINER

EPA Reg. No. 1448-B

EPA Est. 1448-TN-1

KEEP OUT OF REACH OF CHILDREN WARNING

STATEMENT OF PRACTICAL TREATMENT

In case of skin contact, wash with plenty of soap and water. Remove contaminated clothing and wash before reuse. If product gets in the eyes, flush immediately with copious amounts of clean, cool water for at least 15 minutes. Get medical attention immediately. If swallowed, call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING Harmful if swallowed. May be fatal if absorbed through the skin. Irritating to eyes and skin. Do not get in eyes, on skin, or on clothing. Wear goggles and rubber gloves when handling. Avoid contamination of food or feed.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply directly to lakes, streams, or ponds. Permits may be required for discharge containing this pesticide into lakes, streams, ponds, or public water. For guidance, contact the regional office of the Environmental Protection Agency.

PRODUCT INFORMATION

Busan 1020 is a water soluble granular fungicide. It is used to control various fungi in soil and on plants. It is effective against a wide range of fungi, including those that cause damping-off, root rot, and other soil-borne diseases. It is also effective against some leaf and stem blights. Busan 1020 is a systemic fungicide, meaning that it is absorbed by the plant and moves through its vascular system to the site of infection. This makes it particularly effective against soil-borne fungi that can infect plants through their roots.

USE PRECAUTIONS

Read and follow all directions on the label. Do not use in a manner inconsistent with the label. Do not use on crops or plants not listed on the label. Do not use on crops or plants that are sensitive to thiocarbamate fungicides. Do not use on crops or plants that are sensitive to thiocarbamate fungicides.

STORAGE AND DISPOSAL

PRECAUTIONS Store in a cool, dry place. Do not store in a metal container. Do not store in a container that has been used for other pesticides. Do not store in a container that has been used for other pesticides. Do not store in a container that has been used for other pesticides.

sprinkler system of Busan 1020 needed for the area covered. On very light soils, keep surface moist by sprinkling for 2 or 3 days. For control of pests deeper than 18 in. in the soil, use Busan 1020 in 3 or more equal parts and apply at intervals during the sprinkling period.

CHECK ON FLOOD IRRIGATION Meter Busan 1020 at a steady rate into water during irrigation. Use 50 to 100 gal. Busan 1020 per acre depending upon the kind of pest and depth covered. In 3 to 18 inches of water per acre.

FIELD APPLICATION TO BEDS OR ROWS

SOIL INJECTION Busan 1020 may be injected into pre-formed plant beds following the directions given above under soil injection. If a water treated band is desired, space 2 or more rows at intervals of 5 in. to cover the desired treating width. Roll immediately.

SOIL COVERING METHODS (bed over method) Busan 1020 may be sprayed or dropped onto the soil immediately ahead of bed shaping equipment. Cover the Busan 1020 with soil to a depth of 3 to 8 inches. The soil should be rolled and compacted immediately. The recommended rate of Busan 1020 is 50 to 100 gal. per acre, approximately equivalent to 1 to 2 pints per 100 sq. ft. of 12 inch row.

TREATMENT OF TREE REPLANT SITES After removing dead or diseased tree and as much of the root system as possible, make a shallow trench over the planting site. Add Busan 1020 to the stream of water while filling the basin. Use 1 qt. Busan 1020 per 100 sq. ft. in sufficient water depending on soil type to penetrate at least 6 in. For control of oak root fungus, use a basin at least 20 x 20 ft. square. Increase dosage to 2 qt. Busan 1020 per 100 sq. ft. in sufficient water to penetrate to the depth of root system. If water is scarce to the planting site, add Busan 1020 to the water and mix before filling basin.

TREATMENT OF POTTING SOIL

A. SPRINKLE METHOD

1. Spread soil in a smooth layer 4 inches high on concrete or on pre-treated soil.
2. Sprinkle Busan 1020 at rate of 1 pint in 5 gallons of water per 100 sq. ft. of surface area.
3. Layers can be treated one on top of another.
4. Sprinkle top layer with sufficient amount of water to seal the surface or cover with tarp plastic, wash paper, etc.

B. GEMMET MIXER

1. Add Busan 1020 to solution at rate of 1 qt. of Busan 1020 per 2 cu. ft. of soil in cement or metal mixer. Mix thoroughly.
2. After soil is treated and potted, sprinkle water over entire surface in 1 gal. Or cover with tarp plastic, wash paper, etc.

C. SHREDDER

1. Distribute Busan 1020 in sufficient water to obtain even distribution. As soil is spread from shredder, spray uniformly on soil at rate of 1 qt. of Busan 1020 per 2 cu. ft. of soil.
2. After soil is treated and potted, apply light water seal to entire surface or cover with tarp.

TOSACCO PLANT BEDS Full application is recommended wherever possible. Read and follow DIRECTIONS FOR USE carefully. Treatment in the South should generally be made before November 30.

A. TARP METHOD Prepare the bed 5 to 7 days before application. Ensure best conditions for seed germination and fungicide action of Busan 1020. The bed should be free of weeds, level and in good condition. Apply 1 qt. of Busan 1020 in a minimum of 40 gal. of water per 100 sq. ft. Apply uniformly over the entire bed. Cover the bed immediately with plastic cover. Keep covered for at least one day, but leave the tarp 3 days. The cover need not be sealed, but should be secured to prevent wind from blowing the treated soil away. Several days after date of Busan 1020 application, remove the treated soil to a depth of 2 inches. Do not seed earlier than 21 days after Busan 1020 application.

B. DRENCH METHOD Apply 2 qt. Busan 1020 to 100 gal. of water per 100 sq. ft. Apply after rain, or make with sprayers. Mixers with 100 gal. capacity equipment. Follow directions given above for seed bed treatment.

POTATO BEDS For use in sprayer systems to control nematodes, use 50 to 100 gal. Busan 1020 per acre. Apply in the sprayer system of 5 gal. Busan 1020 needed for the area covered. Apply a minimum of one acre inch of water. On very light soils, keep surface moist by sprinkling periodically for 2 to 3 days. Use only sprayer systems that give large droplets to prevent soil crusting. Apply only through central pivot or wheel line sprayer system, or through sidebooms and check valves which will prevent water from circulating and overflow of the spray to the system. The system must be of the interlocking type between the water service and the water pump to ensure simultaneous shut-off.

ACCEPTED

JUN 15 1984

Under the Federal Insecticide, Fungicide, and Rodenticide Act, this product has been found to comply with the requirements of the Act and is hereby registered under the Act.

BEST DOCUMENT AVAILABLE