

PM 22 60063-2

Ticket 10713



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
60063-2

Date of Issuance:

Term of Issuance:  
Conditional

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration

(under FIFRA, as amended)

Name of Pesticide Product:  
Echo 75 WDG  
Agricultural  
Fungicide

Name and Address of Registrant (include ZIP Code):

Sostram Corporation  
70 Mansell Ct., Suite 230  
Roswell, GA 30076

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes listed below before you release the product for shipment:

a. Add the phrase, "EPA Reg. No. 60063-2".

b. POISON must be the color red and be on a background of distinctly contrasting color.

Signature of Approving Official:

*BSI*

Date:

c. Modify the PERSONAL PROTECTIVE EQUIPMENT section so it reads:

In enclosed areas, use a respirator with either an organic-vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G). Outdoors, use a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).

d. The Chemigation Directions are incomplete. Refer to the attached PR Notice 87-1. Add the required language specified by Section IV - GENERIC LABEL STATEMENTS REQUIRED FOR CHEMIGATED PRODUCTS and Section V - LABEL STATEMENTS FOR CHEMIGATED TOXICITY CATEGORY I PRODUCTS.

e. The Application Directions for "Onions (green bunching)..." are incomplete. Add:

Apply in sufficient water to obtain thorough cover to tops. Begin applications prior to favorable infection periods and repeat at 7 to 10 day intervals for as long as conditions favor disease. Use the high rate and a 7 day...

3. Submit one (1) copy of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Cynthia Giles-Parker  
Product Manager (22)  
Fungicide-Herbicide Branch  
Registration Division (7505C)

Enclosure

RESTRICTED USE PESTICIDE

Jacket 30413

DUE TO HIGH ACUTE TOXICITY

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

ECHO 75<sup>TM</sup> WDG

Agricultural Fungicide  
(75% Water Dispersible Granules)

Active Ingredient:

Chlorothalonil (tetrachloroisophthalonitrile).....	75.0%
Inert Ingredients:.....	25.0%
TOTAL:.....	100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER-PELIGRO



POISON - REID

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

STATEMENT OF PRACTICAL TREATMENT

If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

If in eyes: Call a physician. Hold eyelids open and flush with a steady gentle stream of water for 15 minutes.

If on skin: Wash with plenty of soap and water. Get medical attention.

If swallowed: Call a physician or Poison Control Center. Drink promptly a large quantity of milk, egg white, gelatin solution, or, if these are not available, large quantities of water. Avoid alcohol.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

See side panel for additional precautionary statements.

EPA Reg. No. 60063-

EPA Est. No.

Manufactured For:  
SOSTRAM CORPORATION  
70 Mansell Court, Suite 230  
Roswell, Georgia 30076

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NET CONTENTS:

A BROAD SPECTRUM AGRICULTURAL FUNGICIDE  
Read entire label carefully and use only as directed.

4013

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
DANGER

Fatal if inhaled. Corrosive. Causes irreversible eye damage. Harmful if swallowed or absorbed through skin. Do not breathe dust or spray mist. Do not get in eyes, on skin, or on clothing.

NOTE TO USER: This product may produce temporary allergic side effects characterized by redness of the eyes, mild bronchial irritation and redness or rash on exposed skin areas. Person having allergic reaction should contact a physician.

FIRST AID:

Note to physician: Persons having an allergic reaction respond to treatment with antihistamines or steroid creams and/or systemic steroids.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, shoes ~~plus~~ socks and protective eyewear. For exposures in enclosed areas, a respirator with either an organic vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G) and (for exposures outdoors, dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).

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, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS 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 RECOMMENDATIONS

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Users should:

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, aquatic invertebrates, and marine/estuarine organisms. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. DO NOT apply directly to water, to areas where surface water is present or to intertidal areas below the mean highwater mark. DO NOT contaminate water when disposing of equipment washwaters. DO NOT apply when weather conditions favor drift from treated areas. Apply only to areas specified on label.

OK  
V. [unclear]  
152. [unclear]  
[unclear] [unclear]  
[unclear] [unclear]

DIRECTIONS FOR USE

50413

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 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

OK

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, such as plants, soil, or water is: Coveralls, waterproof gloves, shoes plus socks and protective eyewear.

GENERAL INFORMATION

ECHO 75 WDG is an excellent fungicide when used according to label directions for control of a broad spectrum of plant diseases.

ECHO 75 WDG can be used effectively in dilute or concentrate sprays. Thorough, uniform coverage is essential for disease control.

DO NOT combine 75 WDG in the spray tank with pesticides, surfactants of fertilizers, unless your prior use has shown the combination physically compatible, effective and noninjurious under your conditions of use.

The required amount of ECHO 75 WDG should be added slowly into the spray tank during filling. With concentrate sprays, pre-mix the required amount of ECHO 75 WDG in a clean container and add to the spray tank as it is being filled. Keep agitator running when filling spray tank and during spray operations. DO NOT use on greenhouse-grown crops.

NOTE TO USER: Dosage rates on this label indicate pounds of ECHO 75 WDG per acre, unless otherwise stated. Under conditions favoring disease development the high rate specified and shortest application interval should be used. Applications should be made in sufficient water to obtain adequate coverage of foliage. Gallonage to be used will vary with crop and amount of plant growth. Spray volume usually will range from 20 to 150 gallons per acre (approximately 200 to 1400 liters per hectare) for dilute sprays and 5 to 10 gallons per acre (50 to 100 liters per hectare) for concentrate ground sprays and aircraft application. Both ground and aircraft methods of application are recommended unless specific directions are given for a crop. Application through sprinkler irrigation systems is recommended for some crops which are specified on the label below. Follow application and calibration instructions.

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*John P. H. ...*

A. Center Pivot and Motorized Lateral Move Irrigation Equipment

Operate system and injection equipment at normal pressures recommended by the manufacturer of injection equipment used. Fill tank of injection equipment with water. Operate system for one complete circle for center pivot or one complete run for motorized lateral move equipment, measuring time required, amount of water injected, and acreage contained in circle or run. Mix recommended amount of ECHO 75 WDG for acreage to be covered into same amount of water used during calibration and inject into system continuously for one revolution or run. Provide constant mechanical agitation in the mix tank to insure that ECHO 75 WDG will remain in suspension during the injection cycle. Shut off injection equipment after one revolution or run, but continue to operate irrigation system until ECHO 75 WDG has been cleared from last sprinkler head.

B. Solid Set and Portable (Wheel Move) Irrigation Equipment

Determine acreage covered by sprinkler. Fill tank of injection equipment with water and adjust flow to use contents over a thirty to forty-five minute period. Mix desired amount of ECHO 75 WDG for acreage to be covered into quantity of water used during calibration and operate entire system at normal pressures recommended by the manufacturer of injection equipment used for amount of time established during calibration. Provide constant mechanical agitation in the mix tank to insure that ECHO 75 WDG will remain in suspension during the injection cycle. ECHO 75 WDG can be injected at the beginning or end of the irrigation cycle or as a separate application. Stop injection equipment after treatment is completed and continue to operate irrigation system until ECHO 75 WDG has been cleared from last sprinkler head.

DO NOT operate irrigation system without safety valves or other devices to prevent back-siphoning of ECHO 75 WDG into water source. Irrigation water treated with ECHO 75 WDG should be maintained on the treated area until the water is absorbed by the soil. Tank containing ECHO 75 WDG should be connected to the discharge side of irrigation pump or other pressurized equipment attached to irrigation line.

CROP	DISEASES	RATE PER ACRE	APPLICATION DIRECTIONS
Bean (Snap)	Rust	1.35 to 2.7 lb.	Use in sufficient water to obtain adequate coverage. Begin applications during early bloom state or when disease first threatens and repeat at weekly intervals or as necessary to maintain control. DO NOT apply within 7 days of harvest. DO NOT graze treated areas or feed treated plant parts to livestock.
	Botrytis blight (gray mold)	2.7 lb.	
Beans (Dry)	Rust, Anthracnose, Downy mildew, Cercospora leaf spot (blackeye only)	1.35 to 2.1 lb.	Use in sufficient water to obtain adequate coverage. Begin applications during early bloom stage and repeat at 7 to 10 day intervals. For use only on beans harvested dry with pods removed. DO NOT apply within 6 weeks before harvest. DO NOT allow livestock to graze in treated areas or feed treated plant parts to livestock.

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CROP	DISEASES	RATE PER ACRE	APPLICATION DIRECTION
Cabbage, Cauliflower, Broccoli, Brussels Sprouts	Alternaria leaf spot, Downy mildew	1.5 lb.	Use in sufficient water to obtain adequate coverage. Begin applications after transplants are set in field or shortly after emergence of field-seeded crop, or when conditions favor disease development. Repeat at 7 to 10 day intervals or as necessary to maintain control.
	Ring spot (California only)	1.8 lb.	For field-seeded brussels sprouts, begin applications at time of early sprout development or when conditions favor disease development. Repeat at 7 to 10 day intervals or as necessary to maintain control.
Carrot	Cercospora (Early) blight, Alternaria (Late) blight	1.5 to 1.8 lb.	Use in sufficient water to obtain adequate coverage. Start applications when disease threatens and repeat at 7 to 10 day intervals or as necessary to maintain control. ECHO 75 WDG may be applied through sprinkler irrigation equipment. See calibration directions preceding this section.
Celery	Cercospora (Early) blight Septoria (Late blight)	1.05 to 1.5 lb.	Use 1.05 to 1.5 lb. per acre on a 3 to 5 day spray schedule or 2.1 to 3.0 lb. per acre on a 7 day schedule. Start applications when transplants are set in the field. Apply in sufficient water to obtain adequate coverage. DO NOT apply within 7 days of harvest. ECHO 75 WDG may be applied through sprinkler irrigation equipment. See Calibration directions preceding this section.
	Basal stalk rot (Rhizoctonia solani)	2.1 to 3 lb.	
	Early blight	1.5 to 1.8 lb. per 100 gal.	For celery seedbeds, apply 125 gallons per acre twice weekly or as needed to maintain control. Start applications shortly after crop emergence. Use the higher rate under severe disease conditions.
Corn (sweet) Corn grown for seed	Helminthosporium leaf blights, Rust	.75 to 1.8 lb.	Use in sufficient water to obtain adequate coverage. Begin applications when conditions favor disease development and repeat at 4 to 7 day intervals or as required to maintain control. Under severe disease conditions, use 1.5 to 1.8 lb. per acre. DO NOT apply within 14 days of harvest. DO NOT apply to sweet corn to be processed. DO NOT allow livestock to graze in treated fields. DO NOT ensile treated corn or use as livestock forage.

CROP	DISEASES	RATE PER ACRE	APPLICATION DIRECTIONS
Cucumber	Target spot, Anthracnose, Down mildew	1.5 to 1.8 lb.	Use in sufficient water to obtain adequate coverage. Begin applications when plants are in first true leaf stage or when conditions are favorable for disease development. Repeat applications at 7 day intervals. Under severe disease conditions shorten spray interval. ECHO 75 WDG may be applied through sprinkler irrigation equipment. See calibration directions preceding this section.
	Powdery mildew (except south-western states), Gummy stem blight, Leaf blight, Scab	1.8 to 3.0 lb.	
	Fruit belly rot (Rhizoctonia solani)	8.4 lb.	Use ECHO 75 WDG in sufficient water to obtain runoff to soil surface. Make a single application when vines begin to form. ECHO 75 WDG may be applied through sprinkler irrigation equipment as directed above.
Cantaloupe, Muskmelon, Honeydew melon, Watermelon, Cucash, Apkin	Anthracnose, Down mildew	1.5 to 1.8 lb.	Use in sufficient water to obtain adequate coverage. Begin applications when plants are in first true leaf stage or when conditions are favorable for disease development. Repeat applications at 7 day intervals. Under severe disease conditions, shorten spray interval. ECHO 75 WDG may be applied through sprinkler irrigation equipment. See calibration directions preceding this section.
	Cercospora leaf spot, Gummy stem blight (black rot), Leaf blight, Scab, Powdery mildew (except south-western states)	1.8 to 3.0 lb.	
Grasses Grown for Seed	Stem rust, Leaf rust, Stripe rust, Selenophoma (eyespot)	1.05 to 1.35 lb.	Use in sufficient water to obtain adequate coverage. Begin applications during stem elongation when conditions favor disease development. Re-apply at flag (top) leaf emergence and at head emergence. Under severe disease conditions use the 1 1/8 lb. per acre rate and repeat applications at 14 day intervals. DO NOT apply within 14 days of harvest. DO NOT allow livestock to graze in treated areas or feed treated plant parts to livestock.
Mint	Rust Septoria leaf spot	1.35 lb.	Use in sufficient water to obtain adequate coverage. Begin applications when emerging plants are 4-8 inches high. Repeat applications at 7 to 10 day intervals or as necessary to maintain control. DO NOT apply more than 3 times per season. DO NOT apply within 80 days of harvest. DO NOT feed fresh or extracted mint hay from treated fields to livestock. Based on available residue data, use of ECHO 75 WDG on mint is restricted to Indiana, Michigan and Wisconsin.
Onion (dry bulb)	Botrytis leaf blight (blast), Purple blotch	1.2 to 2.1 lb.	Apply in sufficient water to obtain adequate coverage. Make the first application at first sign of disease or when dew or rain occurs. Repeat at 7 to 10 day intervals for as long as conditions favor disease. Use the high rate and a 7 day

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Left out: Apply in sufficient water to obtain ... 7 day

CROP	DISEASES	RATE PER ACRE	APPLICATION DIRECTIONS
Onion (green bunching), Garlic, Leek, Shallot, Onion grown for seed	Botrytis leaf blight (blast), Purple blotch Downy mildew (suppression)	1.2 to 2.7 lb.	Schedule of applications when heavy dew or rain persists. DO NOT apply within 7 days before harvest of dry bulb onions or garlic. DO NOT apply more than 3 times per season or within 14 days of harvest on green bunching onions, leeks or shallots. If additional disease control is needed before harvest, use another registered fungicide.
Papaya	Alternaria Fruit Spot, Anthracnose, Stem end rot	1.2 to 2.1 lb.	Apply with ground equipment only, in sufficient water to obtain adequate coverage of fruit and leaves. Begin treatment when conditions favor development of disease and continue treatments at 14 day intervals until weather conditions no longer favor disease development. DO NOT graze livestock in treated area or feed processing by-products to livestock.
Papaya	Alternaria leaf spot, Downy mildew, Anthracnose, Botrytis blight (gray mold) Bottom rot (Rhizoctonia)	1.2 to 2.1 lb.	Apply in sufficient water to obtain adequate coverage. Make the first application at the first sign of disease or when conditions are favorable for infection. Continue applications on a 7 to 10 day schedule. DO NOT apply more than 4 times per season or within 10 days of harvest. DO NOT feed treated plant parts to livestock.
Passion Fruit (Hawaii only)	Alternaria fruit and leaf spot, (passion fruit brown spot)	1.8 lb.	Apply with ground equipment in sufficient water to obtain adequate coverage of fruit and leaves. Begin treatment when fruit spots appear (April to July) and continue treatments at 14 day intervals until weather conditions no longer favor disease development. DO NOT graze in treated area or feed vines or processing by-products to livestock used for food.
Peanut	Cercospora (early) leaf spot Cercosporidium (late) leaf spot Rust, Web blotch	1.2 to 1.5 lb. 1.5 lb.	Apply in sufficient water for adequate coverage when leaf wetness first occurs and before disease symptoms appear, generally 30 to 40 days after planting; repeat at 10 to 14 day intervals. When late leaf spot prevails or when rust or web blotch occur, apply 1.5 lb. per acre at 10 day intervals for the remainder of the season. DO NOT apply within 14 days of harvest. DO NOT allow livestock to graze in treated areas. DO NOT feed hay or threshings from treated fields to livestock. ECHO 75 WDG may be applied through sprinkler irrigation equipment. See calibration directions preceding this section.

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CROP	DISEASES	RATE PER ACRE	APPLICATION DIRECTIONS
Potato	Early blight, Late blight, Botrytis vine rot ( <i>Botrytis</i> spp.)	1.2 to 1.5 lb.	Use in sufficient water to obtain adequate coverage. Begin applications when plants are 6 to 8 inches high or when disease threatens, and continue at 7 to 10 day intervals or as needed to maintain disease control. Under severe disease conditions, use 1.5 lb. per acre on a 7 day schedule. ECHO 75 WDG may be applied through sprinkler irrigation equipment. See calibration directions preceding this section.
	Early blight Late blight, (Dryland culture only)	0.75 to 1.5 lb.	
Soybean Determinante (Southern) Varieties	Anthracnose, Diaporthe pod and stem blight, Frogeye leaf spot ( <i>Cercospora</i> <i>sojina</i> ), Purple seed stain, <i>Cercospora</i> leaf blight ( <i>Cercospora</i> <i>kikuchii</i> ), Septoria brown spot		Apply in sufficient water to obtain complete coverage, using at least five gallons of water per acre for aerial application. Use the three application program in areas having a history of moderate to severe disease intensity. ECHO 75 WDG may be applied through sprinkler irrigation equipment. Follow application and calibration directions preceding this section.
		1.35 to 2.4 lb.	Two application program - Make the first application at early pod set (R3 stage, when majority of pods are 1/8 to 3/8 inch in length) and the second at beginning of seed formation (R5) which occurs about 14 days later.
		1.05 to 1.8 lb.	Three application program - Make the first application at the beginning of flowering (R1), the second at early pod set (R3) and the third at beginning of seed formation (R5). DO NOT apply ECHO 75 WDG within 6 weeks of harvest. DO NOT feed soybean hay or threshings from treated fields to livestock.
	Stem canker ( <i>Diaporthe</i> <i>phaseolorum</i> var. <i>caulivora</i> )	1.05 lb.	Apply in 10 to 20 gallons of water per acre, as a band treatment directing spray to provide coverage of entire plant. Make one application at emergence of second trifoliolate leaves (V2). If conditions favor continued infection, make additional applications at 10 to 14 day intervals.  DO NOT apply more than 3 times per season or within 6 weeks of harvest. DO NOT feed treated plant parts to livestock or allow grazing in treated fields.
Soybean Indeterminante (Northern) Varieties	Anthracnose, Diaporthe pod and stem blight, Frogeye leaf spot ( <i>Cercospora</i> <i>sojina</i> ), Purple seed stain, <i>Cercospora</i> leaf blight ( <i>Cercospora</i> <i>kikuchii</i> ), Septoria brown spot		Apply in sufficient water to obtain complete coverage, using at least five gallons of water per acre for aerial application. Use the three application program in areas having a history of moderate to severe disease intensity. ECHO 75 WDG may be applied through sprinkler irrigation equipment. Follow application and calibration directions preceding this section.
		1.35 to 2.4 lb.	Two application program - Make the first application when largest pods are 1 to 1½ inches in length and make the second

CROP	DISEASES	RATE PER ACRE	APPLICATION DIRECTIONS
Soybean (Con't) Indeterminate (Northern) Varieties			110413 application 14 days later. ECHO 75 WDG may be co-applied with Benlate <sup>R</sup> 50WP as a tank mix for disease control in indeterminate (Northern) soybeans. Use 1.05 lb. of ECHO 75 WDG plus 8 ounces of Benlate 50WP per acre. Make the first application when pods near the top of plants are 1/2 to 1 inch in length and a second application 14 days later.
		1.05 to 1.8 lb.	Three application program - Make the first application one week after first flowering and continue applications at 14 day intervals.  DO NOT apply more than 3 times per season or within 6 weeks of harvest. DO NOT feed treated plant parts to livestock or allow grazing in treated fields.
Tomato	FOLIAGE (apply every 7-10 days): Early blight, Late blight, Gray leaf spot, Gray leaf mold, Septoria leaf spot <hr/> FRUIT (apply every 7-14 days beginning at fruit set): Anthracnose, Alternaria fruit rot, (black mold), Rhizoctonia fruit rot, Botrytis gray mold, Late blight fruit rot	1.2 to 2.1 lb.           2.1 to 2.7 lb.	Apply in sufficient water to obtain adequate coverage. Begin applications when dew or rain occur and disease threatens. Use the highest rate and shortest interval specified when disease conditions are severe. ECHO 75 WDG may be combined in the spray tank with a copper fungicide which is registered to control bacterial diseases. Check the copper manufacturer's label for specific instructions, precautions and limitations prior to mixing the ECHO 75 WDG. DO NOT use with Copper-Count <sup>R</sup> N in concentrated spray suspensions. ECHO 75 WDG may be applied through sprinkler irrigation equipment. See calibration directions preceding this section. <sup>R</sup> Copper-Count is a registered trademark of Mineral Research & Development Corporation.

<sup>R</sup>Benlate is a registered trademark of E.I. DuPont de Nemours and Co., Inc.

#### TREE AND ORCHARD CROPS

Apply ECHO 75 WDG in sufficient water and with proper calibration to obtain uniform coverage of tree canopy. Application with ground equipment is preferable to aerial application because ground applications generally give better coverage of the tree canopy. If application with ground equipment is not feasible, ECHO 75 WDG may be applied with aircraft using at least 20 gallons of spray per acre. When concentrate sprays are used or when treating non-bearing or immature trees, the lower rate of ECHO 75 WDG listed may be used. DO NOT allow livestock to graze in treated areas. The following spray volumes are recommended as gallons of spray per acre:

CROP	SPRAY VOLUME (Gal. per Acre)	
	Dilute	Concentrate
Peach, Nectarine Apricot, Tart Cherry, Plum, Prune	300	20 to 150
Sweet Cherry	400	20 to 200
Conifers		
Forest stands	Not Used	10 to 20 (Aircraft)
Christmas trees	100	10 to 50 (Aircraft) or ground equipment)
Nursery beds	100	5 to 10 (ground equipment only)

ROP	DISEASES	ACRE	100 GAL*	APPLICATION DIRECTIONS
each, nectarine, pricot, cherry, plum, Prune	Leaf curl, Coryneum blight (shothole)	3 to 4.2 lb.	1.05 to 1.35 lb	For best control of both diseases apply at leaf fall in late autumn, using sufficient water and proper sprayer calibration to obtain uniform coverage. When conditions favor high disease levels use the high rate of application and apply once or twice more in mid to late winter before budswell. If the leaf fall application is not practical, application of ECHO 75 WDG for control of leaf curl may be made at any time prior to budswell the following spring. Where Coryneum blight (shothole) occurs, also apply at budbreak to protect newly emerging leaves and at shuck-split to prevent fruit infections.
	Brown rot blossom blight	3 to 5.4 lb.	1.05 to 1.35 lb.	Use 4.2 to 5.4 lb. per acre on trees taller than 20 feet and 2½ to 3½ lb. per acre on smaller trees. Make one application at popcorn (pink, red or early white bud) and a second application at full bloom. If weather conditions favor disease development, make an additional application at petal fall.
	Cherry leaf spot, Peach Nectarine, Apricot scab	3 to 5.4 lb.	1.05 to 1.35 lb.	In addition to the bloom applications listed above, make one application at shuck-split. DO NOT apply ECHO 75 WDG after shuck-split and before harvest. If additional disease control is needed before harvest, use another registered fungicide. For control of cherry leaf spot after harvest, make one application to foliage within 7 days after fruit is removed. In orchards with a history of high leaf spot incidence, make a second application 10-14 days later.
conifers	Swiss needlecast	2.7 to 5.4 lb.	2.7 to 5.4 lb.	Single application technique: In Christmas tree plantations or forest stands make one application in the spring when new shoot growth is ½ to 2 inches in length.
	Scleroderris canker (pines) Swiss needlecast and Rhabdocline needlecast (Douglas-fir)	1.35 to 2.7 lb.	1.35 to 2.7 lb.	Make the first application in spring when new shoot growth is ½ to 2 inches in length. Make additional applications at 3 to 4 week intervals until conditions no longer favor disease development. For use in nursery beds, apply the highest rate specified on a three week schedule.
	Sirococcus tip blight	2.1 to 3.6 lb.	2.1 to 3.6 lb.	
	Rhizosphaera needlecast (spruces), Scirrhia brown spot (pines)	5.4 lb.	5.4 lb.	
	Lophodermium needlecast	1.35 to 2.7 lb.	1.35 to 2.7 lb.	North Central and Northeastern States: Begin applications in mid-July to early August before infection occurs. Make additional applications at 3 to 4 week intervals until conditions no longer favor disease development. For use in nursery beds, apply 2.7 lb. per acre on a 3 week schedule.

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CROP	DISEASES	ECHO 75 WDG RATE PER		APPLICATION DIRECTIONS
		ACRE	100 GAL*	
Conifers (Con't)	Botrytis seedling blight Phoma twig blight	1.35 to 2.7 lb.	1.35 to 2.7 lb.	Begin applications in nursery beds when seedlings are 4 inches tall and when cool, moist conditions favor disease development. Make additional applications at 7 to 14 day intervals as long as disease favorable conditions persist.

\*Volumetric rates to be used only with full dilute spray volume specified on this label for tree and orchard crops.

**STORAGE AND DISPOSAL**

DO NOT contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

STORAGE: Store in a dry place.

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

CONTAINER DISPOSAL: 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.

**WARRANTY AND LIMITATION OF DAMAGES**

Seller warrants that this material conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use and Buyer assumes the risk of any use contrary to such directions. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, AND NO AGENT OF SELLER IS AUTHORIZED TO DO SO EXCEPT IN WRITING WITH A SPECIFIC REFERENCE TO THIS WARRANTY. In no event shall Seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

MAY 5 1964

the Federal Insecticide  
and Fungicide Act  
for its pesticide  
EPA Reg. No.

60063-2

**BEST AVAILABLE COPY**