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DuPont™ Kocide® 3000

fungicide/bactericide
Dry Flowable



LICENSED

PERIOD 2009-2011 LIC. NO.



LICENSED

PERIOD 2012-2014 LIC. NO.



LICENSED

PERIOD 2015-2017 LIC. NO.

9200.157

DIRECTIONS FOR USE

A01442718 (SL-1638 100610 01-14-11)

ACTIVE INGREDIENTS	BY WEIGHT
Copper Hydroxide* (CAS No. 20427-59-2)	46.1%
INERT INGREDIENTS	53.9%
TOTAL	100.0%
EPA Reg. No. 352-662	(Metallic Copper Equivalent 30%)

KEEP OUT OF REACH OF CHILDREN CAUTION FIRST AID

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: 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.

IF ON SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-441-3637 for emergency medical treatment information.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate use of gastric lavage.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Causes moderate eye irritation. Harmful if swallowed, absorbed through the skin, or inhaled. Do not get in eyes, skin, or on clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling.

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 resistance category selection sheet.

Mixers, loaders, applicators and other handlers must wear:
 - Long-sleeved shirt and long pants
 - Shoes plus socks
 - Chemical-resistant gloves made of any waterproof material, such as natural rubber, selection Category A

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

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

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates and may contaminate water through runoff. This product has a potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. For terrestrial uses, do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate.

Drift and runoff may be hazardous to aquatic organisms in waters adjacent to treated areas.

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 may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal 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 protection of agricultural workers on farms, forests, nurseries and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours without required PPE.

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:

- Long-sleeved shirt and long pants
 - Chemical-resistant gloves made of any waterproof material, such as polyvinyl chloride, nitrile rubber or butyl rubber
 - Shoes plus socks

For Greenhouse Uses ONLY:
 The 48 hour restricted entry interval (REI) may be reduced to 24 hour REI, provided that the following conditions are met:

For at least seven days following the application of copper-containing products in greenhouses:

- at least one container or station designed specifically for flushing eyes is available in operating condition with the WPS-required decontamination supplies for workers entering the area treated with copper-containing products,
 - workers are informed orally, in a manner they can understand:
 - that residues in the treated area may be highly irritating to the eyes,
 - that they should take precautions, such as refraining from rubbing their eyes, to keep the residues out of their eyes,
 - that if they do get residues in their eyes, they should immediately flush their eyes with the eye flush container or eye flush station that is located with the decontamination supplies, and
 - how to operate the eye flush container or eye flush station.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides 40 CFR part 170. The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Do not enter or allow others to enter until sprays have dried.

GENERAL INSTRUCTIONS

DuPont™ KOCIDE® 3000 may be applied as an aerial, ground dilute or ground concentrate spray unless specifically directed otherwise in the specific crop use directions.

The per acre use rate of KOCIDE® 3000 is applicable for both dilute and concentrate spraying. Depending upon the equipment used and the specific crop, the spray volume applied per acre will differ. Refer to Minimum Recommended Spray Volume Table. Complete spray coverage is essential to assure optimum performance from KOCIDE® 3000. When treating by aerial application or with low volume application equipment, unless you have had specific previous experience, it is advisable to test for compatibility and tolerance to crop injury prior to full scale commercial utilization.

Consult the KOCIDE® 3000 label for specific rates and timing of application by crop. Where application rates and intervals are provided in a range (e.g. 4 to 12 pounds per acre for 10 days), the higher rates and shorter spray intervals are recommended when rainfall is heavy and/or disease pressure is high. Use the higher rates for large mature tree crops.

The Pre-Harvest Interval (PHI) for Kocide® 3000 is 0-days unless noted.

SPECIAL PRECAUTIONS

• If KOCIDE® 3000 is applied in a spray solution having a pH of less than 6.5, phytotoxicity may occur.

• Do not tank mix KOCIDE® 3000 with "Alette" fungicide for use on any registered crops unless appropriate precautions have been taken to buffer the spray solution because severe phytotoxicity may result. Use in accordance with the most restrictive of any limitations and precautions for either type of irrigation system. This product cannot be mixed with any product containing a label prohibition against such mixing.

• This product may be reactive on masonry and metal surfaces such as galvanized roofing. Avoid contact with metal surfaces. Do not spray on cars, houses, lawn furniture, etc.

• Environmental conditions such as extended periods of wet weather, acid rain, etc. which alter the pH of the leaf surface may affect the performance of KOCIDE® 3000 resulting in possible phytotoxicity or loss of effectiveness.

• Agricultural chemicals may perform in an unpredictable manner when tank mixed, especially where several products are involved. Reduced effect on pests or crop injury may occur. Unless recommended on this label or by a state/local expert, it is advisable to test for compatibility and potential crop injury prior to commercial use of a new tank mix.

• It must be determined if proper application equipment is available and if waste associated with its use can be properly handled. Agricultural chemicals are often reactive with the materials used in the construction of application equipment, such as aluminum, rubber and some synthetic materials. This factor should be taken into consideration when selecting proper application equipment. It is necessary that all application equipment be thoroughly flushed with clean water after each day's use.

• Apply this product only through one or more of the following types of systems: sprinkler, including center pivot, lateral move, traveler, big gun, or plastic pipe solid set systems. Do not apply this product through any other type of irrigation system. In California, do not apply in systems which contain aluminum parts or components.

• While volume is important in obtaining full spray coverage, often factors such as foliage density, environmental conditions and sprayer calibration have a greater impact. Always be sure that sprayers are calibrated to spray equipment manufacturer's specifications and environmental conditions are within those recommended by State and local regulatory authorities.

• When mixing, fill the spray tank one-half full with water. Add DuPont™ KOCIDE® 3000 slowly to tank while hydraulic or mechanical agitation is operating and continue filling with water. Spreaders, stickers, insecticides, nutrients, etc. should be added last. If compatibility is in question, use the Compatibility Jar Test before mixing a whole tank or contact your chemical supplier. Observe all precautions and limitations on the labels of all products used in mixtures.

CROP CLASSIFICATION

CITRUS: Grapefruit, Kumquat, Lemon, Lime, Orange, Pummelo, Tangelo and Tangerine.

CONIFERS: Douglas Fir, Fir, Juniper, Leyland Cypress, Pine and Spruce.

FIELD CROPS: Alfalfa, Barley, Corn, Oats, Peanut, Potato, Soybean*, Sugar Beet and Wheat.

SMALL FRUITS: Blackberry, Blueberry, Cranberry, Currant, Gooseberry, Raspberry and Strawberry.

TREE CROPS: Almond, Apple, Apricot, Avocado, Banana/Plantain, Cacao, Cherry, Coffee, Filbert, Mango, Nectarine, Olive, Peach, Pear, Pecan, Pistachio, Plum, Prune, Quince and Walnut.

VEGETABLES: Bean, Beet, Beet Greens, Broccoli, Brussels Sprout, Cabbage, Chinese Cabbage, Cantaloupe, Carrot, Cauliflower, Celeriac, Celery, Cucumber, Eggplant, Green Beans (Climber, Bush and Turnip), Hand-dyed Kale, Kohlrabi, Lettuce, Muskmelon, Okra, Onion/Garlic/Leek, Pea, Pepper, Pumpkin, Spinach, Squash, Tomato, Watercress and Watermelon.

VINES: Grape, Hops and Kiwi.

MISCELLANEOUS: Atemoya, Carambola, Chives, Dill, Ginseng, Guava, Lithi, Live Oak*, Macadamia, Mammy Sapote, Papaya, Parsley, Passion Fruit, Sugar Apple and Sweetpotato.

GREENHOUSE AND SHADEHOUSE CROPS: KOCIDE® 3000 may be used in greenhouses and shadehouses to control diseases on any crop on this label where physiology allows greenhouse or shadehouse culture. While specific directions are presented for Citrus, Cucumber, Eggplant, Pepper and Tomato; general use may occur for any crop on this label where physiology allows greenhouse or shadehouse culture. Consequently, injuries arising from the use of KOCIDE® 3000 on these types of greenhouse and shadehouse crops are the responsibility of the user.

*Not registered for use in California
 *Not registered for use in California and Arizona

Minimum Recommended Spray Volume (Gallons Per Acre) When Applying KOCIDE® 3000

	Aerial	Ground Dilute	Concentrate
Citrus	10	800	100**
Conifers	10	100	30**
Field Crops	3	20	3
Small Fruits	5	150	50
Tree Crops	10	400	50
Vegetables	3	20	3
Vines	5	150	50
Miscellaneous	10	150	50

** Pesticide application equipment such as "Curtee" or other similar sprayers which are capable of obtaining thorough coverage at low volumes may be used at as low as 20 gallons per acre of spray volume.

The following specific instructions are based on general application procedures. The recommendations of the State Agricultural Extension Service should be closely followed as to timing, frequency and number of sprays per season.

FROST INJURY PROTECTION

BACTERIAL ICE NUCLEATION INHIBITOR

Application of KOCIDE® 3000 made to all crops listed on this label at rates and stages of growth indicated on this label, at least 24 hours prior to anticipated frost conditions, will afford control of ice nucleating bacteria (*Pseudomonas syringae*, *Erwinia herbicola*, and *Pseudomonas fluorescens*) and may therefore provide some protection against frost frost. Not recommended for those geographical areas where weather conditions favor severe frosts.

CITRUS

DuPont™ KOCIDE® 3000 may be mixed with dry foliar nutritional (micronutrients) to create "Shot Bag" mixes to meet the various nutritional requirements of citrus and provide disease protection as described on this label. KOCIDE® 3000 per acre rates in these mixes must not exceed the maximum recommended labeled rates for disease control. Adding foliar nutritional or other products to spray mixtures containing KOCIDE® 3000 and applying to citrus during the post bloom period when young fruit are present may result in spray burn.

Disease	Application Rate/Acre	Maximum Seasonal Rate/Acre	Use Instructions
Algal Spot, Melanose, Scab	1.75-5 lbs.	42 lbs.	Apply as pre-bloom and post-bloom sprays. Use the higher rates when conditions favor disease. Minimum retreatment interval is 7 days.
Greasy Spot, Pink Pitting	0.75-2.5 lbs.	42 lbs.	Apply in summer on expanded new flush. Repeat on subsequent flushes where disease pressure is severe. Use the higher rates when conditions favor disease. Minimum retreatment interval is 7 days.
Alternaria	1.75-3.5 lbs.	42 lbs.	On susceptible varieties apply when the first spring flush appears and each flush thereafter. Application to fruit should start after two thirds of the petals have fallen and be repeated on a 7 to 21 day schedule if needed. Use the higher rates when conditions favor disease.
Phytophthora Brown Rot, Septoria Spot	1.75-3.5 lbs.	42 lbs.	Begin application in fall before or just after the first rain and continue if needed. For Brown Rot, apply to skirts of trees to a height of at least 10 feet. For control of Septoria Spot or where fruit have already been infected with Brown Rot, apply to entire tree. Apply also to bare ground one foot beyond skirt. Use the higher rates when conditions favor disease. Minimum retreatment interval is 7 days. NOTE: In California, in areas subject to copper injury, add 1/3 to 1 pound of high quality lime per pound of KOCIDE® 3000.
Phytophthora Foot Rot	0.5 lb.	42 lbs.	Mix with 1 quart of water, "Tre-Hold" or latex paint. Paint trunks of trees from the soil surface to the lowest scaffold limbs. Apply in May prior to summer rains and/or in the fall prior to wrapping trees for freeze protection. Treatment serves as protection for up to 1 year, but does not cure existing infections. NOTE: Areas where microjet or low volume irrigation hit the tree trunk may require retreatment due to wash off.
Citrus Canker (suppression)	1-2.5 lbs.	42 lbs.	Spray flushes 7 to 14 days after shoots begin to grow. Young fruit may require an additional application. Number and timing of applications will be dependent upon disease pressure. Under heavy pressure, each flush of new growth should be sprayed. Minimum retreatment interval is 7 days.
Black Spot*	1 - 3 lbs.	42 lbs.	Begin treatment prior to or when disease first appears and repeat every 7 to 21 days if needed. Use the higher rates and shorter spray intervals when conditions favor disease. Minimum retreatment interval is 7 days.

NOTE: Phytotoxicity may occur on young tender flush when KOCIDE® 3000 is applied to citrus seedlings grown in greenhouses or shadehouses.
 *Not registered for use in California.

CITRUS Field Nursery Grown

To control Melanose, Scab, Pink Pitting, Greasy Spot, Brown Rot and for suppression of Citrus Canker, apply 1.75 to 3.5 pounds of KOCIDE® 3000 per acre. Apply KOCIDE® 3000 at 28 day intervals if needed depending on disease severity.

FIELD CROPS

Crop	Disease	Application Rate/Acre	Maximum Seasonal Rate/Acre	Use Instructions
Alfalfa	Cercospora Leaf Spot, Leptosphaerulina Leaf Spot	0.75 lbs	3.7 lbs.	Apply 10 to 14 days before each harvest or earlier if disease threatens. Repeat every 30 days if needed. NOTE: Spray injury may occur with sensitive varieties such as Lahontan.
Corn (Field Corn, Popcorn, Seed Corn, Sweet Corn)	Bacterial Stalk Rot	0.5-1.75 lbs.	14 lbs.	Begin treatment when disease first appears and repeat every 7 to 10 days if needed. Use the higher rates and shorter spray intervals when conditions favor disease.
Peanut	Cercospora Leaf Spot	0.75-1.25 lbs.	15.8 lbs.	Begin spraying at 35 to 40 days after planting or when disease symptoms first appear and repeat at 7 to 14 day intervals if needed. Reduce sprays to 7 day intervals during humid weather. Use the higher rates when conditions favor disease. Flowable sulfur may be added.
Potato	Early Blight, Late Blight	0.5-1.75 lbs.	83.3 lbs.	Apply 0.5 to 1.75 lbs. at 5 to 10 day intervals if needed starting when plants are 2 to 6 inches high in locations where disease is light. Apply up to 1.75 pounds per acre when disease is more severe. Under conditions of severe disease, control with DuPont™ KOCIDE® 3000 will be improved by tank mixing with other compatible fungicides registered for use on potatoes. Read and follow all label instructions of tank mix partners.
Soybean*	Bacterial Blight, Downy Mildew	0.75-1.5 lbs.	15.8 lbs.	For protective sprays, make first application when plants are 6 inches high; repeat on a 7 to 14 day schedule if needed depending on environmental conditions. Use the higher rates for more severe disease.
Sugar Beet	Cercospora Leaf Spot	0.75-2.0 lbs.	26.2 lbs.	Begin applications when conditions first favor disease development and repeat at 10 to 14 day intervals if needed. Use the higher rates when conditions favor disease. Addition of a spreader/sticker is recommended.
Wheat, Barley, Oats	Fusarium Head Blight Suppression*, Bacterial Canker, Helminthosporium Spot Blotch, Powdery Mildew Suppression, Stagonospora Leaf and Glume Blight, Stem Rust*	0.5-0.75 lbs.	3.5 lbs.	Make applications for early season disease control through heading. Minimum retreatment interval is 10-15 days. Use higher rates when conditions favor disease. Addition of adjuvants is recommended.

* Not registered for use in California.

SMALL FRUITS

Crop	Disease	Application Rate/Acre	Maximum Seasonal Rate/Acre	Use Instructions
Blackberry (Aurora, Boyesen, Cascade, Chehalis, Logan, Marion, Santiam, Thornless Evergreen)	Anthracoese, Cane Spot, Leaf Spot, Pseudomonas Blight, Purple Blotch, Yellow Rust	1.75 lbs.	33.3 lbs.	Make fall application after harvest. Apply delayed dormant spray after pruning/training in the spring. If needed, agricultural-type spray oil may be added.
Blueberry	Bacterial Canker	1.75-3.5 lbs.	28 lbs.	Apply when leaf buds begin to open and repeat when flower buds show white. Repeat on a 7 day interval if needed. If needed, agricultural-type spray oil may be added. NOTE: Crop injury may occur if applied to foliage under certain environmental conditions such as hot or prolonged moist periods. Discontinue applications if signs of crop injury appear.
	Fruit Rot, Phomopsis Twig Blight	1.0-2.25 lbs.	28 lbs.	Dormant Application: Begin applications when bloom buds begin to swell. Make additional applications at 7 to 14 day intervals if needed before blooms open.
Cranberry	Fruit Rot	3.5 lbs.	42 lbs.	Make first application in late bloom. Apply one or two additional applications at 7 to 14 day intervals if needed depending on disease severity.
	Rose Bloom	3.5 lbs.	42 lbs.	Apply post harvest and again in spring as needed. Apply one or two additional applications at 7 to 14 day intervals if needed depending on disease severity.
	Bacterial Stem Canker	3.5 lbs.	42 lbs.	Apply delayed dormant spray in the spring. Repeat at 7 to 14 day intervals if needed through pre-bloom.
	Leaf Blight, Red Leaf Spot, Stem Blight, Tip Blight (Monilia)	3.5 lbs.	42 lbs.	Make initial application after first leaves have expanded. Continue on a 10 to 14 day schedule if needed during wet conditions in the spring. Make an additional application after harvest.
Currant, Gooseberry	Anthracoese, Leaf Spot	4.25 lbs.	53.3 lbs.	Make fall application after harvest. Apply delayed dormant spray after training in the spring. If needed, agricultural-type spray oil may be added.
Raspberry	Anthracoese, Cane Spot, Leaf Spot, Pseudomonas Blight, Purple Blotch, Yellow Rust	1.75 lbs.	33.3 lbs.	Make fall application after harvest. Apply delayed dormant spray after training in the spring. If needed, agricultural-type spray oil may be added.
	Anthracoese, Cane Spot, Leaf Spot, Purple Blotch, Yellow Rust	0.75 lbs.	33.3 lbs.	Apply when leaf buds begin to open and repeat when flower buds show white. Repeat on a 7 day interval if needed. If needed, agricultural-type spray oil may be added. NOTE: Crop injury may occur if applied to foliage under certain environmental conditions such as hot or prolonged moist periods. Discontinue applications if signs of crop injury appear.
Strawberry	Angular Leaf Spot (Xanthomonas), Leaf Blight, Leaf Scorch, Leaf Spot	0.75-1.25 lbs.	27.3 lbs.	Begin application when plants are established and continue on a weekly schedule throughout the season. Apply in at least 20 gallons of water. Use the higher rates when conditions favor disease. NOTE: To avoid plant injury, do not use after full bloom. NOTE: Discontinue applications if signs of crop injury appear.

TREE CROPS

Crop	Disease	Application Rate/Acre	Maximum Seasonal Rate/Acre	Use Instructions
Almond only	Bacterial Blast	0.5 lb	60 lbs.	Almond Only: For bacterial blast control in sprinkler irrigated orchards or where disease is severe, apply 0.5 pounds per acre post-bloom at 2 week intervals if needed or just before sprinkling.
Almond, Apricot, Plum, Prune	Bacterial Blast (Pseudomonas), Bacterial Canker, Coryneum Blight (Shot Hole)	3.5-7.0 lbs.	60 lbs.	Make first application before fall rains and a second at late dormant. Use the higher rates when rainfall is heavy and disease pressure is high. Minimum retreatment interval is 5 days.
	Blossom Brown Rot, Coryneum Blight (Shot Hole)	2.5-3.5 lbs. (Almond) 3.5-5.0 lbs. (All Others)	60 lbs.	Apply during early bloom. Do not apply after full bloom or injury may occur. Use the higher rates when rainfall is heavy and disease pressure is high. Minimum retreatment interval is 5 days.
	Black Knot (Plum)	1.75-3.5 lbs.	60 lbs.	Make an application at bud swell up to early bloom for early season disease suppression. Apply before full bloom. Minimum retreatment interval is 5 days. Use the higher rates when rainfall is heavy and disease pressure is high. NOTE: To avoid plant injury, do not use after full bloom.
	Cherry Leaf Spot (Sour Cherries Only)	2.25-3.5 lbs.	60 lbs.	Apply at petal fall as well as 1 to 2 times after petal fall. Use the lower rates where disease infection is light and use the higher rates for a dormant application or where disease infection is moderate to heavy. Minimum retreatment interval is 5 days. Do not apply to sweet cherry or the English Morello variety as severe injury will result. The addition of 1 to 3 pounds of hydrated lime per pound of DuPont™ KOCIDE® 3000 may reduce crop injury. NOTE: Moderate to severe injury such as leaf spotting and defoliation may occur from post-bloom applications.
Apple	Anthracoese, Blossom Blast, European Canker (Nectria), Shoot Blight (Pseudomonas)	5.25-7.0 lbs.	53.3 lbs.	Apply before fall rains. Use the higher rates when conditions favor disease. NOTE: Use on yellow varieties may cause discoloration. To avoid discoloration, pick before spraying.
	Apple Scab, Fire Blight	3.5-7.0 lbs.	53.3 lbs.	Make application between silver-tip and green-tip. Apply as a full cover spray for early season disease suppression. NOTE: Moderate to severe crop injury may occur from late application; discontinue use when green-tip reaches 1/2 inch.
	Apple Scab	0.75-1.75 lbs.	53.3 lbs.	Extended spray schedule where fruit finish is not a concern: Continued application may be made at 5 to 7 day intervals if needed between 1/2 inch green-tip and first cover spray. NOTE: Moderate to severe crop injury may result from this extended spray schedule. It is not intended for fresh market apples or for apples where fruit finish is a concern as it is likely to cause fruit russeting. The addition of 1 to 3 pounds of hydrated lime per pound of KOCIDE® 3000 may reduce crop injury.
	Collar Rot, Crown Rot	1.75 lbs.	53.3 lbs.	Mix in 100 gallons of water. Apply 4 gallons of suspension as a drench on the lower trunk area of each tree. Apply in early spring or in fall after harvest for best results. Do not use if soil pH is below 5.5 since copper toxicity may result. NOTE: Do not use if soil pH is below 5.5 since copper toxicity may result.
Avocado	Anthracoese, Blotch, Scab	3.5-5.25 lbs.	63 lbs.	Apply when bloom buds begin to swell and continue application at 14 to 30 day intervals for five to six applications. Use the higher rates when conditions favor disease.
Banana/Plantain	Sigatoka (Black and Yellow)	0.75 lbs.	63 lbs.	Apply at 7 to 14 day intervals if needed.
Cacao	Black Pod	0.75-3.75 lbs.	52.5 lbs.	Begin applications at the start of the rainy season and continue while infection conditions persist. Apply 0.75 to 2.0 lbs. at 14 to 21 day intervals if needed depending on disease severity. For drier areas, make two to four applications using 2.5 to 3.75 pounds per acre according to disease incidence and planting density.
Coffee	Coffee Berry Disease (Colletotrichum coffeanum)	2.5-3.5 lbs.	42 lbs.	Apply first spray after flowering and before onset of long rains and then at 14 to 28 day intervals if needed until picking. Use the higher rates when conditions favor disease.
	Bacterial Blight (Pseudomonas syringae)	2.5-3.5 lbs.	42 lbs.	Begin spray program before the onset of long rainy periods and continue throughout the rainy season at 14 to 21 day intervals if needed. The critical time for spraying to control this disease is just before, during and after flowering(s), especially when coinciding with wet weather. Use the higher rates when rainfall is heavy and disease pressure is high.
	Leaf Rust (Hemileia vastatrix)	0.75-1.75 lbs.	42 lbs.	Apply before the onset of rain and then at 14 to 21 day intervals if needed while the rains continue. Use the higher rates when rainfall is heavy and disease pressure is high.
	Iron Spot (Cercospora coffeicola), Pink Disease (Corticium salmonicolor)	0.75 lbs.	42 lbs.	Use concentrate or dilute spray. Begin treatment at the start of wet season and continue at monthly intervals for



USER SAFETY RECOMMENDATIONS
USERS SHOULD: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing. Wash the outside of gloves before removing.

ENVIRONMENTAL HAZARDS
 This pesticide is toxic to fish and aquatic invertebrates and may contaminate water through runoff. This product has a potential for runoff for several months or more after application. Poorly draining soils with shallow water tables are more prone to produce runoff that contains this product. For terrestrial uses, do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate. Drift and runoff may be hazardous to aquatic organisms in waters adjacent to treated areas.

See attached label for additional precautions and Directions For Use.

AGRICULTURAL USE REQUIREMENTS
 Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to product labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

NOTICE: Please read the entire label, including the supplemental labeling enclosed. Before buying or using this product, read the Limitation of Warranty and Liability in the supplemental labeling. If the terms are not acceptable, return the product at once, unopened, for a refund of the purchase price.

NOTICE TO BUYER: Purchase of this material does not confer any rights under patents of countries outside of the United States.

E. I. du Pont de Nemours and Company, 1007 Market Street, Wilmington, DE 19898 U.S.A.

Made in U.S.A.



DuPont™ Kocide® 3000

fungicide/bactericide
 Dry Flowable

ACTIVE INGREDIENTS	BY WEIGHT
Copper Hydroxide* (CAS No. 20427-59-2)	46.1%
INERT INGREDIENTS	53.9%
TOTAL	100.0%
EPA Reg. No. 352-662 (*Metallic Copper Equivalent 30%)	EPA Est. No. 352-TX-003

KEEP OUT OF REACH OF CHILDREN
CAUTION

See back panel for additional precautionary statements.

Net: 10 lbs.
 (nonrefillable)

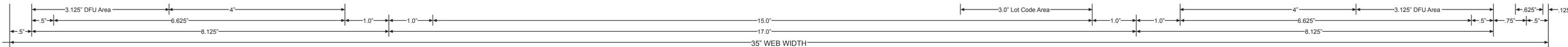
FIRST AID
IF IN EYES: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
IF INHALED: 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.
IF ON SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
 Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-441-3637 for emergency medical treatment information.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

CAUTION. Causes moderate eye irritation. Harmful if swallowed, absorbed through the skin or inhaled. Do not get in eyes, skin, or on clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling.

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-resistance category selection sheet.
 Mixers, loaders, applicators and other handlers must wear:
 - Long-sleeved shirt and long pants
 - Shoes plus socks
 - Chemical-resistant gloves made of any waterproof material, such as natural rubber, selection Category A

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.



	PRODUCT: DuPont 5kg/10# Kocide with 4" x 5" DFU	AMERICAN PACKAGING CORP. ROCHESTER, NY <small>(prepared by Performed Products Division, Story City, IA)</small>	
	STYLE: Rollstock: 35" Web x 16.0" Repeat	SCALE: 1" = 1" Template No.:20720 10/23/09	
LEGEND: NO COPY AREA	Reserved for lot number information (as well as Production date &/or expiration date where data is required). Must obtain app'l to fill this space.		
ARTWORK APPROVAL FORM <small>It is the customer's responsibility to check and approve this proof for spelling, wording, copy location, ink colors, and color break. American Packaging is not responsible for any costs incurred as a result of an improperly checked and approved proof.</small>			
Check one: <input type="checkbox"/> APPROVED, as is.			
<input type="checkbox"/> REJECTED, resubmit proof with corrections as noted.			
Signature: _____ Date: _____ Comments: _____			



LICENSED

PERIOD 2009-2011 LIC. NO.



LICENSED

PERIOD 2012-2014 LIC. NO.

SUPPLEMENTAL LABEL

DuPont Crop Protection

DUPONT™ KOCIDE® 3000 FUNGICIDE/BACTERICIDE CONTROL OF DOWNY MILDEW ON LETTUCE



DUPONT™ KOCIDE® 3000 FUNGICIDE/BACTERICIDE

EPA Reg. No. 352-662

CONTROL OF DOWNY MILDEW ON LETTUCE

LICENSED

PERIOD 2015-2017 LIC. NO.

9200.157

DIRECTIONS FOR USE

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

Lettuce Including Endive and Escarole

Rate

Use DuPont™ KOCIDE® 3000 at 0.75 - 1.5 lbs. per acre for control of downy mildew. Maximum seasonal rate per acre is 26.6 lbs.

Application Information

Begin applications when disease symptoms first appear or when conditions favor disease development. Repeat at 5 to 10-day intervals if needed depending on disease severity.

NOTE: Determine if there is varietal sensitivity prior to use. Injury may occur to sensitive lettuce varieties and under adverse weather conditions. Discontinue use if injury occurs.

IMPORTANT

BEFORE USING THIS PRODUCT, READ AND CAREFULLY NOTE THE CAUTIONARY STATEMENTS AND OTHER PROCEDURAL INFORMATION APPEARING ON THE EPA REGISTERED LABEL OR ON OTHER SUPPLEMENTAL LABELS.

This bulletin contains new or supplemental instructions for use of these products in combination which does not appear on the package label. Follow the instructions carefully.

This labeling must be in the possession of the user at the time of pesticide application.

Read the Limitation of Warranty and Liability on the Section 3 Federal product label before buying or using THIS product. If terms are not acceptable, return the unopened package at once to Seller for full refund of purchase price paid. Otherwise, use by Buyer or any other User constitutes acceptance of the terms of the Limitation of Warranty and Liability on the Section 3 Federal product label.

R-1108 110510 04-07-10



Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD **2009-2011** LIC. NO.



Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD **2012-2014** LIC. NO.

SUPPLEMENTAL LABEL

**DUPONT™ KOCIDE® 3000
FUNGICIDE/BACTERICIDE
CONTROL OF BACTERIAL
BLIGHT AND DOWNY MILDEW
ON SOYBEANS**

DuPont Crop Protection



Department of Agriculture
STATE OF HAWAII

LICENSED DUPONT™ KOCIDE® 3000 FUNGICIDE/BACTERICIDE

PERIOD **2015-2017** LIC. NO.

EPA Reg. No. 352-662

9200.157

CONTROL OF BACTERIAL BLIGHT AND DOWNY MILDEW ON SOYBEANS

DIRECTIONS FOR USE

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

Soybean

Rate

Use DuPont™ KOCIDE® 3000 at 0.75 - 1.5 lbs. per acre for control of bacterial blight and downy mildew. Maximum seasonal rate per acre is 15.8 lbs.

Application Information

For protective sprays, make first application when plants are six inches high. Repeat on a 7-14 day schedule if needed depending on environmental conditions. Use the higher rates for more severe disease.

IMPORTANT

BEFORE USING THIS PRODUCT, READ AND CAREFULLY NOTE THE CAUTIONARY STATEMENTS AND OTHER PROCEDURAL INFORMATION APPEARING ON THE EPA REGISTERED LABEL OR ON OTHER SUPPLEMENTAL LABELS.

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