

# AMAZIN

AN 80% COORDINATION PRODUCT OF MANGANESE AND ZINC AND ETHYLENE  
BIS DITHIOCARBAMATE

## FUNGICIDE

### ACTIVE INGREDIENT:

A coordination product of zinc ion manganese ethylene  
bisdithiocarbamate

Manganese++	16%
Zinc++	2%
Ethylene bisdithio- carbamate ion (C <sub>4</sub> H <sub>6</sub> N <sub>2</sub> S <sub>4</sub> )	62%

ACCEPTED  
80%

### INERT INGREDIENTS:

20%  
TOTAL 100%

EPA REG. NO. 2749-210  
NET WEIGHT 50 LBS.

## CAUTION: KEEP OUT OF REACH OF CHILDREN.

MAY BE HARMFUL IF INHALED OR SWALLOWED. MAY IRRITATE EYES, NOSE,  
THROAT AND SKIN.

AVOID BREATHING DUST OR SPRAY MIST. AVOID CONTACT WITH SKIN, EYES  
AND CLOTHING. KEEP AWAY FROM FIRE OR SPARKS.

IN CASE OF CONTACT, FLUSH SKIN OR EYES WITH PLENTY OF WATER. FOR  
EYES - GET MEDICAL ATTENTION.

IMPORTANT: NEVER ALLOW AMAZIN TO BECOME WET DURING STORAGE.  
THIS MAY LEAD TO CERTAIN CHEMICAL CHANGES WHICH WILL REDUCE THE  
EFFECTIVENESS OF THE PRODUCT AS A FUNGICIDE AND CREATE VAPORS  
WHICH MAY BE FLAMMABLE. KEEP CONTAINER CLOSED WHEN NOT IN USE. DO  
NOT REUSE CONTAINER. BURY WHEN EMPTY. THIS PRODUCT IS TOXIC TO FISH.  
KEEP OUT OF LAKES, STREAMS, OR PONDS. DO NOT APPLY WHERE RUNOFF IS  
LIKELY TO OCCUR. DO NOT APPLY WHEN WEATHER CONDITIONS FAVOR DRIFT  
FROM AREAS TREATED. DO NOT CONTAMINATE WATER BY CLEANING OF  
EQUIPMENT, OR DISPOSAL OF WASTES. APPLY THIS PRODUCT ONLY AS SPECI-  
FIED ON THIS LABEL.

### DIRECTIONS FOR USE

AMAZIN is a wettable powder containing a coordination product of zinc ion and maneb, is recommended  
for use as a spray or dust for the control of many important plant diseases. AS A SPRAY (Ground or aerial  
equipment) - Apply at the rate shown. Use sufficient water to provide thorough coverage, usually 20-100  
gals. per acre for ground equipment and 5-8 gals. per acre for aircraft. Use a Spreader Sticker at rate of  
4 fl. ozs. per 100 gals. spray if needed. Add product slowly to water in the spray tank with agitation, or pre-  
mix thoroughly in separate holding tank for concentrate or aircraft sprayers. Continuous agitation is re-  
quired to keep the product in suspension.

AS A DUST - Apply product at the rate shown, using proper amount of dust containing 6% to 10%  
AMAZIN (4.8% to 8% active). Dust may be prepared by diluting and thoroughly mixing product with  
pyrophyllite or other neutral diluent; commonly used insecticides may displace an equivalent amount  
of diluent. Use dust mixtures as soon as possible after preparation.

### FIELD CROPS:

WHEAT, BARLEY, OATS, RYE: Helminthosporium leaf blight and Septoria leaf spot - Use 2 lbs. per  
acre. Begin applications at tillering-to-jointing stage and repeat at 7-10 day intervals. Do not make more  
than three applications; do not apply within 26 days of harvest; do not graze treated area within 26 days  
after application.

SUGAR BEETS: Cercospora leaf spot - Use 1½ to 2 lbs. per acre. Begin applications when disease first  
threatens and repeat at 7-10 day intervals. Do not apply within 14 days of harvest.

**PEANUTS:** *Cercospora* leaf spot - Use 1 to 2 lbs. per acre. Begin applications when disease first appears and repeat at 10-14 day intervals, or at 7-day intervals during humid weather. If peanut vine hay is to be used for livestock feed, do not use more than 1½ pounds per acre per application and do not apply within 14 days of harvest.

**COTTON:** (Southwest only) Rust - Use 1¼ to 2 pounds per acre. Begin applications when rust first appears in the area and repeat at 10-14 day intervals. Do not apply after bolls open; do not graze treated areas nor feed gin trash to livestock.

**VEGETABLE CROPS:**

**POTATOES:** Early and late blights - Use 1 to 2 pounds per acre. Begin applications when plants are 4-6 inches high, repeat at 7-10 day intervals (more frequently under severe disease conditions) throughout the season.

**POTATO TUBER TREATMENT:** *Fusarium* seed piece decay - Dip whole or cut seed pieces in mixture of 1¼ lbs. per 50 gals. of water of product, drain and plant immediately; if seed pieces are to be held before planting, spread out to dry in a cool place. For dust treatment, thoroughly coat with dust containing 10% AMAZIN (8% Active) at rate of 1 lb per 100 lbs. of seed. Do not use treated seed pieces for food or feed purposes.

**TOMATOES:** Early and late blights, gray leaf spot, gray leaf mold, and anthracnose - Use 1½ to 3 lbs. AMAZIN per acre. Begin applications when seedlings emerge and repeat at 7-day intervals throughout the season. Do not apply within 5 days of harvest.

**CUCUMBERS, MELONS, SUMMER SQUASH:** Anthracnose, *Alternaria* and *Cercospora* leaf spots, downy mildew, gummy stem blight and scab - Use 2-3 lbs. AMAZIN per acre. Begin applications at the 2-leaf stage and repeat at 5-7 day intervals. Do not apply within 5 days of harvest.

**CORN:** (Sweet, Field, Popcorn) - *Helminthosporium* leaf blight - Use 1½ lbs. AMAZIN per acre. Begin applications when disease first appears and repeat at 4-7 day intervals. DO NOT APPLY within 40 days of harvest.

**ONIONS (Dry Bulb):** *Botrytis* leaf blight, downy mildew, neck rot and purple blotch - Use 2-3 lbs. per acre. Begin applications when diseases are first reported in the area and repeat at 7-day intervals throughout the season. Do not apply within 7 days of harvest; do not apply to exposed bulbs.

**CELERY, FENNEL:** Early and late blights - Use 2 lbs. of AMAZIN per acre. Begin applications in plant beds as soon as plants emerge; repeat 3-5 day intervals in plant bed, and at 7-day intervals after plants are set in field. Do not apply within 14 days of harvest.

**CARROTS:** *Alternaria* and *Cercospora* leaf spots - Use 1½ to 2 lbs. AMAZIN per acre. Begin applications when disease first appears and repeat at 7-10 day intervals. Do not apply within 7 days of harvest, do not use treated tops for food or feed purposes.

**ASPARAGUS:** Rust - Use 2 lbs. AMAZIN per acre. Begin applications when rust first appears and repeat at 10-day intervals as needed. Use only on ferns after spears have been harvested.

**FRUIT CROPS:**

**APPLES, PEARS, CRABAPPLES, QUINCE:** Bitter rot, black rot, brown rot, cedarapple rust, fly speck scab and sooty blotch - Use AMAZIN at 1-2 lbs. per 100 gallons of finished spray and apply up to 10 lbs. of product per acre per application (for low volume sprays, adjust accordingly). Apply at 7-14 day intervals throughout the season. For scab - begin at green tip or delayed dormant stage, for cedar apple rust, at blossom time. For other diseases, at first cover. Add Spreader Sticker to spray mixture for last 3 cover sprays.

**FOR APPLES:** Do not apply within 0 days of harvest in Northern states or 21 days in Southern states. (Southern states applies to Arkansas, Delaware, Illinois, Indiana, Kansas, Kentucky, Maryland, Missouri, New Jersey, North Carolina, Ohio, Pennsylvania, South Carolina, Tennessee, Virginia, and West Virginia. Northern states applies to New England, New York, Michigan Far West and other states not included under "Southern states"). Do not graze livestock in treated areas.

**FOR PEARS, CRABAPPLES AND QUINCE:** Do not apply within 15 days of harvest and do not graze livestock in treated areas.

**CRANBERRIES:** Fruit Rot - Use 3-6 lbs. AMAZIN per acre. Begin applications at mid-bloom and repeat at 7-10 day intervals. Do not apply within 30 days of harvest.

**GRAPES:** Black Rot, bunch rot, dead arm and downy mildew - Use 1½ to 4 lbs. AMAZIN per acre. Apply when shoots are ½ to 1½ inches long, when shoots are 3-5 inches long and when shoots are 8-10 inches long. Continue at 10-14 day intervals, but do not apply within 66 days of harvest; in California, do not apply after fruit set.

**PAPAYAS:** Anthracnose and *Phytophthora* fruit rot - Use 2 to 2½ lbs. AMAZIN per acre; add Spreader Sticker to spray mixture. Begin applications at flowering time; repeat at 14 day intervals or at 7-day intervals under severe disease conditions. Treat crown and blossom area.



Manufactured for

**ACETO CHEMICAL CO., INC.**

AGRICULTURAL CHEMICALS DIVISION

126-02 NORTHERN BOULEVARD, FLUSHING, N.Y. 11368

AN 80% COORDINATION PRODUCT OF MANGANESE AND ZINC AND ETHYLENE  
BIS DITHIOCARBAMATE

FUNGICIDE

ACTIVE INGREDIENT:

A coordination product of zinc ion manganese ethylene  
bisdithiocarbamate

Manganese++ 16%  
Zinc++ 2%  
Ethylene bisdithio  
carbamate ion 62%  
(C<sub>4</sub>H<sub>6</sub>N<sub>2</sub>S<sub>4</sub>)

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TOTAL

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