

10621  
PM21

NET CONTENTS

ONE PINT

50534-161

SPECIMEN LABEL

**ACCEPTED**  
DEC 10 1985  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 50534-161

**BRAVO FLOWABLE FUNGICIDE**

**Garden, Turf and Ornamental Fungicide**

Contains 0.52 Pounds Chlorothalonil Per Pint  
(500 grams per liter)

**Active Ingredient:**

Chlorothalonil (tetrachloroisophthalonitrile)\* . . . 40.4%

**Inert Ingredients:** . . . . . 59.6%

**Total:** . . . . . 100.0%

\*Covered under U.S. Patent No. 3,290,353, No. 3,331,735 and  
No. 3,948,636

KEEP OUT OF REACH OF CHILDREN

**WARNING**

See side panel for additional precautionary statements

SDS Biotech Corporation  
Agricultural Chemicals Business  
7528 Auburn Road  
P.O. Box 348  
Concord Township  
Painesville, Ohio 44077

EPA Reg. No. 50534-

EPA Est. No. 50534-TX-01

**A BROAD SPECTRUM GARDEN, TURF AND ORNAMENTAL FUNGICIDE**

Read entire label carefully and use only as directed.

**GENERAL DIRECTIONS**

**BRAVO Flowable Fungicide** is an excellent fungicide when used according to label direction for control of a broad spectrum of plant diseases on vegetable, agronomic and orchard crops; ornamental turfgrass and lawns; and ornamental herbs, shrubs and trees.

**BRAVO Flowable Fungicide** can be used effectively in dilute sprays. Thorough, uniform coverage is essential for disease control.

Do not combine **BRAVO Flowable Fungicide** in the spray tank with pesticides, surfactants or fertilizers, unless your prior use has shown the combination physically compatible, effective and noninjurious under your conditions of use.

**Note:** Shake well before using to assure uniform mixture.

The required amount of **BRAVO Flowable Fungicide** should be added slowly into the spray tank during filling. Keep agitator running or shake container periodically after filling spray tank and during spray operation to maintain uniform suspension. Do not use on greenhouse-grown vegetable crops.

**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. Persons having allergic reaction should contact a physician. Wear long sleeve shirt, long pants, and gloves while mixing, loading and applying this product. Do not enter treated area to perform hand labor within 24 hours of application unless protective clothing is worn. Do not rotate to food crops other than those listed on labels within 12 months of the last treatment. After 12 months from the last application, leafy vegetables (i.e. spinach, lettuce, kale, etc.) may also be rotated.

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**WARNING**

Causes eye irritation. Skin sensitizer.

Do not get in eyes. Wear goggles or face shield when handling this product. In case of contact with eyes, flush with plenty of water immediately for 15 minutes. Seek medical attention for eyes immediately.

Avoid contact with skin or clothing. Wash exposed areas of skin with soap and warm water after handling or using.

Do not take internally.

**Note:** BRAVO Flowable Fungicide may produce temporary allergic side effects characterized by redness of the eyes, mild bronchial irritation and redness or rash on exposed skin areas. Persons having allergic reaction should contact a physician. Do not apply this product in such a manner as to directly, or through drift, expose workers or other persons. The area being treated must be vacated by unprotected persons.

**FIRST AID**

**NOTE TO PHYSICIAN:** Persons having an allergic reaction respond to treatment with antihistamines or steroid creams and/or systemic steroids.

**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 or wetlands.

Do not apply when weather conditions favor drift from areas treated.

Apply only to areas specified on label.

**DIRECTIONS FOR USE**

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

Dosage rates on this label indicate tablespoons (Tbs) or teaspoons (tsp) of BRAVO Flowable Fungicide per 2.5 gallons of water per 1,000 sq ft unless otherwise stated. Under conditions favoring disease development the high rate specified and shortest application interval should be used. Do not enter treated areas without protective clothing until sprays have dried.

FOR CONVERSION OF RATES ON THE FOLLOWING TABLES:

2 Tbs = 1 liquid ounce

8 liquid ounces = 1 cup

| <u>CROP</u>                                                   | <u>DISEASES</u>                                                                     | <u>RATE/ 2.5 GAL/<br/>1,000 SQ. FT.</u> | <u>APPLICATION DIRECTIONS</u>                                                                                                                                                                                                                                                                                                       |
|---------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bean (Snap)                                                   | Rust                                                                                | 1-1/2 to<br>3 Tbs                       | Use in sufficient water to obtain adequate coverage. Begin applications during early bloom stage 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<br>(gray mold)                                                      | 3 Tbs                                   |                                                                                                                                                                                                                                                                                                                                     |
| Beans (Dry)<br>Navy<br>Pinto,<br>Kidney,<br>Lima,<br>Blackeye | Rust,<br>Anthracnose,<br>Downy mildew,<br>Cercospora<br>leafspot<br>(blackeye only) | 1-1/2<br>to<br>2 Tbs                    | 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. |
| Cabbage,<br>Cauliflower,<br>Broccoli,<br>Brussels<br>Sprouts  | Alternaria<br>leafspot<br>Downy mildew                                              | 1-2/3<br>Tbs                            | 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<br>(California<br>only)                                                   | 2 Tbs                                   | 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.                                                                                                                        |

RATE/ 2.5 GAL/  
1,000 SQ. FT. APPLICATION DIRECTIONS

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|               |                                                                    |                      |                                                                                                                                                                         |
|---------------|--------------------------------------------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Carrot</b> | Cercospora<br>(early)<br>blight,<br>Alternaria<br>(late)<br>blight | 1-2/3<br>to<br>2 Tbs | 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. |
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|               |                                                              |                   |                                                                                                                                                                                                                                                                                  |
|---------------|--------------------------------------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Celery</b> | Cercospora<br>(early)<br>blight<br>Septoria<br>(late) blight | 1 to<br>1-1/2 Tbs | Use 1 to 1-1/2 Tbs per 1,000 sq ft on a 3 to 5 day spray schedule or 2-1/3 to 3 Tbs per 1,000 sq ft 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. |
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|  | Basal stalk rot<br>( <u>Rhizoctonia</u><br><u>solani</u> ) | 2-1/3<br>to<br>3 Tbs |  |
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| Pink rot<br>(Suppression) | 3 Tbs |
|---------------------------|-------|

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| Early blight,<br>Late blight | 1-2/3<br>to<br>2 Tbs<br>per<br>2.5 gal | For celery seedbeds, apply 3 gal per 1,000 sq ft twice weekly or as needed to maintain control. Start applications shortly after crop emergence. Use the higher rate under severe disease conditions. |
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|-------------------------------------------------|------------------------------------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Corn(sweet),<br/>Corn grown<br/>for seed</b> | Helmintho-<br>sporium<br>leaf blights,<br>Rust | 2-1/2 tsp<br>to<br>2 Tbs | 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 1-2/3 to 2 Tbs per 1,000 sq ft. 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. |
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| <u>CROP</u>                                                                       | <u>DISEASES</u>                                                                                                                                | <u>RATE/ 2.5 GAL/<br/>1,000 SQ. FT.</u> | <u>APPLICATION DIRECTIONS</u>                                                                                                                                                                                                                                               |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cucumber                                                                          | Target spot,<br>Anthracnose,<br>Downy mildew                                                                                                   | 1-2/3<br>to<br>2 Tbs                    | 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. |
|                                                                                   | Powdery mildew<br>(except<br>southwestern<br>states),<br>Gummy stem<br>blight,<br>Leaf blight,<br>Scab                                         | 2<br>to<br>3 Tbs                        |                                                                                                                                                                                                                                                                             |
|                                                                                   | Fruit belly<br>rot<br>( <u>Rhizoctonia<br/>solani</u> )                                                                                        | 9 Tbs                                   | Use BRAVO Flowable Fungicide in sufficient water to obtain runoff to soil surface. Make a single application when vines begin to form.                                                                                                                                      |
| Cantaloupe,<br>Muskmelon,<br>Honeydew melon,<br>Watermelon,<br>Squash,<br>Pumpkin | Anthracnose,<br>Downy mildew                                                                                                                   | 1-2/3<br>to<br>2 Tbs                    | 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. |
|                                                                                   | Cercospora<br>leaf spot,<br>Gummy stem<br>blight (black<br>rot),<br>Leaf blight,<br>Scab,<br>Powdery mildew<br>(except<br>southwestern states) | 2 to<br>3 Tbs                           |                                                                                                                                                                                                                                                                             |

| <u>CROP</u>                  | <u>DISEASES</u>                                                      | <u>RATE/ 2.5 GAL/<br/>1,000 SQ. FT.</u> | <u>APPLICATION DIRECTIONS</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------|----------------------------------------------------------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Grasses<br>Grown for<br>Seed | Stem rust,<br>Leaf rust,<br>Stripe rust,<br>Selenophoma<br>(eyespot) | 1<br>to<br>1-1/2<br>Tbs                 | 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 1-1/2 Tbs per 1,000 sq ft rate and repeat applications as 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,<br>Septoria<br>leafspot                                        | 1-1/2<br>Tbs                            | 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 BRAVO Flowable Fungicide on mint is restricted to Indiana, Michigan and Wisconsin. |

RATE/ 2.5 GAL/  
1,000 SQ. FT.

| <u>CROP</u> | <u>DISEASES</u> | <u>RATE/ 2.5 GAL/<br/>1,000 SQ. FT.</u> | <u>APPLICATION DIRECTIONS</u> |
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| Onion<br>(dry bulb) | Botrytis leaf blight | 1-1/2 to 2-1/3 | 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 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. |
|                     | Purple blotch        | Tbs            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

|                                                                                    |                                                                               |                |                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Onion<br>(green bunching),<br>Garlic,<br>Leek,<br>Shallot,<br>Onion grown for seed | Botrytis leaf blight (blast),<br>Purple blotch,<br>Downy mildew (Suppression) | 1-1/2 to 3 Tbs | Apply 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. |
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| Papaya | Alternaria fruit spot,<br>Anthracnose,<br>Stem end rot | 2-1/3 to 4 Tbs | Apply 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. |
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| Parsnip | Alternaria leafspot,<br>Downy mildew,<br>Anthracnose,<br>Botrytis blight (gray mold),<br>Bottom rot (Rhizoctonia) | 1-1/2 to 2-1/3 Tbs | 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. |
|---------|-------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



| <u>CROP</u>                          | <u>DISEASES</u>                                                            | <u>RATE/ 2.5 GAL/<br/>1,000 SQ. FT.</u> | <u>APPLICATION DIRECTIONS</u>                                                                                                                                                                                                                                                                                                                 |
|--------------------------------------|----------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Passion<br>Fruit<br>(Hawaii<br>only) | Alternaria<br>fruit and<br>leaf spot,<br>(passion fruit<br>brown spot)     | 2 Tbs                                   | Apply 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                               | Early<br>leafspot<br>(Cercospora),<br>Late<br>leafspot<br>(Cercosporidium) | 1 to<br>1-1/2<br>Tbs                    | Apply in sufficient water for coverage when leaf wetness first occurs or 30 to 40 days after planting; repeat at 10 to 14 day intervals. When conditions favor late leafspot or when rust or web blotch occur, apply 1-1/2 Tbs per 1,000 sq ft at 10 day intervals for the remainder of the season.                                           |
|                                      | Rust,<br>Web blotch                                                        | 1-1/2<br>Tbs                            | 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.                                                                                                                                                                                     |
| Potato                               | Early blight,<br>Late blight,<br>Botrytis<br>vine rot<br>(Botrytis spp.)   | 1 to<br>1-1/2<br>Tbs                    | 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 1-1/2 Tbs per 1,000 sq ft on a 7 day schedule.                                     |

| <u>CROP</u> | <u>DISEASES</u> | <u>RATE/ 2.5 GAL/<br/>1,000 SQ. FT.</u> | <u>APPLICATION DIRECTIONS</u> |
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| Soybean | Anthracnose,                | 1-1/2        | Use BRAVO at 1-1/2 to 2-1/2 Tbs per 1,000 sq ft if 2 applications are scheduled or 1 to 2 Tbs per if three applications are scheduled. Use the three application program in areas having a history of moderate to severe disease intensity. Applications should be made at 14 day intervals. Apply in sufficient water to obtain complete coverage. Do not exceed total of 3 applications per season. Do not apply BRAVO within 6 weeks of harvest. Do not allow livestock to graze treated areas. Do not feed soybean hay or threshings from treated fields to livestock. |
|         | Diaporthe pod & stem blight | to 2-1/2 Tbs |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|         | Frogeye leaf spot           |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|         | (Cercospora sojina),        | or           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|         | Purple seed stain           | 1 to 2 Tbs   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|         | (Cercospora kikuchii)       |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|         | Septoria brown spot         |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

**SOYBEAN: Determinate (Southern) Varieties**

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.

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).

**SOYBEAN: Indeterminate (Northern) Varieties**

Two application program -- Make the first application when the largest pods are 1 to 1-1/2 inches in length and make the second application 14 days later.

Three application program -- Make the first application one week after first flowering and continue applications at 14 day intervals.

| <u>CROP</u> | <u>DISEASES</u> | <u>RATE/ 2.5 GAL/<br/>1,000 SQ. FT.</u> | <u>APPLICATION DIRECTIONS</u> |
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|-------------|-----------------|-----------------------------------------|-------------------------------|

|                                                 |                          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------|--------------------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tomato                                          | FOLIAGE                  |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                 | (apply every 7-10 days): | 1-1/2 to | 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. If bacterial spot threatens, <b>BRAVO Flowable Fungicide</b> may be combined in the spray tank with EPA-registered pesticide products that claim copper as the active ingredient and are labeled for control of bacterial diseases of tomatoes. Check the copper manufacturer's label for specific instructions, precautions and limitations prior to mixing with <b>BRAVO Flowable Fungicide</b> . DO NOT use with <b>Copper-Count*N</b> in concentrated spray suspensions. |
| Early blight,                                   | 2-1/3                    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Late blight,                                    | Tbs                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Gray leafspot,                                  |                          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Gray leaf mold,                                 |                          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Septoria leafspot                               |                          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| FRUIT                                           |                          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| (apply every 7-14 days beginning at fruit set): | 2-1/3 to 3 Tbs           |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Anthracnose,                                    |                          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Alternaria fruit rot (black mold),              |                          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Rhizoctonia fruit rot                           |                          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Botrytis gray mold,                             |                          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Late blight fruit rot                           |                          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

\*Copper-Count is a registered trademark of Mineral Research & Development Corporation.

**TREE AND ORCHARD CROPS**

Refer to Precautionary Statements section of this label and use this product on tree and orchard crops only when using recommended protective clothing and equipment.

Apply BRAVO Flowable Fungicide in sufficient water and with proper calibration to obtain uniform coverage of tree canopy. When treating non-bearing or immature trees, the lower rate of BRAVO Flowable Fungicide listed may be used. Do not allow livestock to graze in treated areas. The following spray volumes are recommended as gallons of spray per 1,000 sq ft. This rate can be approximated by mixing the suggested rate per 2.5 gallons of water and spraying to runoff.

| <u>CROP</u>     | <u>SPRAY VOLUME</u>   |  |
|-----------------|-----------------------|--|
|                 | <u>DILUTE</u>         |  |
|                 | (gal per 1,000 sq ft) |  |
| =====           |                       |  |
| Peach,          | 7.5                   |  |
| Nectarine,      |                       |  |
| Apricot,        |                       |  |
| Tart Cherry,    |                       |  |
| Plum,           |                       |  |
| Prune           |                       |  |
| <hr/>           |                       |  |
| Sweet Cherry    | 10                    |  |
| <hr/>           |                       |  |
| Conifers        |                       |  |
| Christmas trees | 2.5                   |  |
| Nursery beds    | 2.5                   |  |
| =====           |                       |  |

| <u>CROP</u> | <u>DISEASES</u> | <u>BRAVO FLOWABLE FUNGICIDE</u> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------|-----------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|             |                 | <u>2.5 GAL*</u>                 | <u>APPLICATION DIRECTIONS</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| =====       |                 |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Peach,      | Leaf curl,      | 1 to                            | 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 BRAVO 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. |
| Nectarine,  | Coryneum        | 1-1/2                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Apricot,    | blight          | Tbs                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Cherry,     | (shothole)      |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Plum,       |                 |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Prune       |                 |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

BRAVO FLOWABLE FUNGICIDE

| <u>CROP</u> | <u>DISEASES</u>                                             | <u>2.5 GAL*</u>      | <u>APPLICATION DIRECTIONS</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------|-------------------------------------------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|             | Brown rot<br>blossom<br>blight                              | 1 to<br>1-1/2<br>Tbs | Use 4-1/2 to 6 Tbs per 1,000 sq ft on trees taller than 20 ft. and 3 to 4-1/2 Tbs per 1,000 sq ft 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<br>Leafspot,<br>Peach,<br>Nectarine,<br>Apricot scab | 1 to<br>1-1/2<br>Tbs | In addition to the bloom applications listed above, make one application at shuck-split. <b>Do not apply BRAVO Flowable Fungicide</b> after shuck-split and before harvest. If additional disease control is needed before harvest, use another registered fungicide. For control of cherry leafspot after harvest, make one application to foliage within 7 days after fruit is removed. In orchards with a history of high leafspot incidence, make a second application 10-14 days later. |

**BRAVO FLOWABLE FUNGICIDE**

| <u>CROP</u> | <u>DISEASES</u>                                                                         | <u>2.5 GAL*</u>    | <u>APPLICATION DIRECTIONS</u>                                                                                                                                                                                                                                                                          |
|-------------|-----------------------------------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conifers    | Swiss needlecast                                                                        | 3 to 6 Tbs         | <u>Single application technique:</u><br>In Christmas tree plantations or forest stands make one application in the spring when new shoot growth is 1/2 to 2 inches in length.                                                                                                                          |
|             | Scleroderris canker (pines),<br>Swiss needlecast & Rhabdocline needlecast (Douglas-fir) | 1-1/2 to 3 Tbs     | Make the first application in spring when new shoot growth is 1/2 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 3 week schedule.                   |
|             | Sirococcus tip blight                                                                   | 2-1/3 to 3-2/3 Tbs |                                                                                                                                                                                                                                                                                                        |
|             | Rhizosphaera needlecast (spruces),<br>Scirrhia brown spot (pines)                       | 6 Tbs              |                                                                                                                                                                                                                                                                                                        |
|             | Lophodermium needlecast                                                                 | 1-1/2 to 3 Tbs     | North Central and North Eastern 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 3 Tbs per 1,000 sq ft on a 3 week schedule. |
|             | Botrytis seedling blight,<br>Phoma twig blight                                          | 1-1/2 to 3 Tbs     | 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 and sprayed to runoff to approximate volume of spray recommended for that crop.

**TURF AND ORNAMENTALS**

**BRAVO Flowable Fungicide** is formulated for use on golf course tees and greens, lawns, ornamental turfgrass and ornamental herbs, shrubs and trees. It is highly effective for the control of a broad spectrum of turf and ornamental plant diseases when it is used according to the directions on this product label. Thorough, uniform coverage of plant surfaces is essential for good disease control.

**DIRECTIONS FOR USE**

**Turf:** Do not mow or water after treatment until spray deposit on turfgrass is thoroughly dry; **BRAVO Flowable Fungicide** should always be used in conjunction with good turf management practices.

**Golf Course Tees and Greens, Lawns and Ornamental Turfgrass:** Apply **BRAVO Flowable Fungicide** in an adequate amount of water to provide complete coverage. This amount may vary from 2 to 10 gallons (approximately 8 to 38 liters) per 1,000 square feet. See below for suggested rates and timing. Under severe disease conditions, use the curative rates and spray on a 7 day schedule.

| <u>DISEASE</u>                            | <u>INTERVAL<br/>OF<br/>APPLICATION</u> | <u>RATE</u>                                                |                    |
|-------------------------------------------|----------------------------------------|------------------------------------------------------------|--------------------|
|                                           |                                        | <u>LIQUID OUNCES*<br/>PER 1,000 SQ FT<br/>PREVENTIVE**</u> | <u>CURATIVE***</u> |
| Copper spot                               | 7 - 10 DAY                             | 6-9                                                        | 9-11               |
| Curvularia leafspot                       | 7 - 10                                 | 3-6                                                        | 6-11               |
| Dollar spot                               | 7 - 14                                 | 3-6                                                        | 6-11               |
| Gray leafspot                             | 7 - 10                                 | 3-6                                                        | 6-11               |
| Helminthosporium leafspot and melting out | 7 - 10                                 | 3-6                                                        | 6-11               |
| Large brown patch                         | 7 - 10                                 | 3-6                                                        | 6-11               |
| Red thread                                | 7 - 10                                 | 3-9                                                        | 9-11               |
| Anthracnose                               | 7 - 14                                 | 5-9                                                        | --                 |

| DISEASE                                                  | INTERVAL<br>OF<br>APPLICATION | RATE                                              |             |
|----------------------------------------------------------|-------------------------------|---------------------------------------------------|-------------|
|                                                          |                               | LIQUID OUNCES*<br>PER 1,000 SQ FT<br>PREVENTIVE** | CURATIVE*** |
| Stem rust of<br>bluegrass                                | 7 - 14                        | 6-9                                               | 9-11        |
| DICHONDRA<br>Alternaria<br>leafspot<br>(California only) | 7 - 14                        | 6-9                                               | 9-11        |

\*One liquid ounce is approximately equal to 29 milliliters  
 1 liquid ounce = 2 Tbs  
 4 liquid ounces = 1/2 cup  
 8 liquid ounces = 1 cup

\*\*Recommended rates for preventing disease establishment;  
 use lower rate as when disease conditions are light to  
 moderate, higher indicated rates when conditions are severe.

\*\*\*Rates for use on a 7 day schedule when disease is present.  
 Higher indicated rate should be applied under severe  
 conditions.

**Turfgrasses:** Gray Snow Mold caused by Typhula spp. - Apply in sufficient water to obtain adequate coverage (2 to 10 gallons per 1,000 sq ft). Apply 8 to 16 liquid ounces of **BRAVO Flowable Fungicide** per 1,000 sq ft of turf area. Application must be made before snow cover in autumn. Use the higher rate if turf layer remains frozen prior to snow cover. If snow cover is intermittent or lacking during the winter, re-apply **BRAVO Flowable Fungicide** at 8 liquid ounces per 1,000 sq ft at monthly intervals until gray snow mold conditions no longer prevail. In areas where pink snow mold (Gerlachia or Fusarium patch) is likely to occur, apply **BRAVO Flowable Fungicide** at 8 liquid ounces per 1,000 sq ft in combination with either Tersan\* 1991 50WP at 2 ounces per 1,000 sq ft or Chipco\*\* 26019 50WP at 4 ounces per 1,000 sq ft of turf area. For control of Fusarium patch only in areas where snow cover is intermittent or lacking during the winter, apply 8 to 14 liquid ounces of **BRAVO Flowable Fungicide** per 1,000 sq ft of turf area. Begin applications in late autumn and re-apply at 21 to 28 day intervals until conditions favorable for Fusarium patch no longer prevail.

\*Tersan is a registered trademark of E.I. Dupont de Nemours & Company, Inc.

\*\*Chipco is a registered trademark of Rhone-Poulenc Inc.



**Ornamentals:** Apply BRAVO Flowable Fungicide at rate of 1-1/2 Tbs per 2.5 gallons of water unless other directions are given in the tables below. Begin applications as directed for each species and disease condition cited and repeat on a 7 to 14 day schedule until conditions are no longer favorable for disease development. During periods when conditions favor severe disease incidence, generally cloudy or wet weather, use the higher rate specified and the shortest indicated interval between applications.

BRAVO Flowable Fungicide may be used in greenhouses for control of diseases on ornamentals. Applicators and attending personnel should wear protective clothing including long sleeves, gloves, goggles or eye shield plus a face-fitting respirator specifically designed to remove organic pesticide vapors and particulates. Do not use mistblowers or high pressure spray equipment when making applications of BRAVO Flowable Fungicide in greenhouses.

Use of BRAVO Flowable Fungicide is recommended for disease control on the ornamentals listed in the following tables. Use of BRAVO Flowable Fungicide is not recommended for species that are not listed. Refer to Precautionary Statements section of this label and use this product on trees only when using recommended protective clothing and equipment.

**ORNAMENTALS:**

| SPECIES | DISEASES CONTROLLED | SUGGESTED FIRST APPLICATION |
|---------|---------------------|-----------------------------|
|---------|---------------------|-----------------------------|

**Broadleaf Shrubs and Trees:**

|                           |                                                                |                                      |
|---------------------------|----------------------------------------------------------------|--------------------------------------|
| Ash (Fraxinus)            | Cercospora,<br>Cercosporidium,<br>Cylindrosporium<br>leafspots | Spring bud break                     |
| Azalea,*<br>Rhododendron* | Phytophthora<br>die-back<br>Ovulinia flower<br>blight          | New Leaf<br>emergence<br>Early bloom |
| Buckeye,<br>Horsechestnut | Leaf blotch,<br>Anthracnose                                    | Spring bud break                     |
| Cherry - Laurel           | Cercospora leafspot                                            | Petal fall                           |
| Crabapple                 | Scab, Cedar-apple<br>rust, Sphaeropsis<br>leafspot             | Spring bud break                     |
| Dogwood                   | Septoria leafspot                                              | Early bloom                          |

| SPECIES                                     | DISEASES CONTROLLED                                          | SUGGESTED FIRST APPLICATION |
|---------------------------------------------|--------------------------------------------------------------|-----------------------------|
| Euonymus                                    | Anthracnose                                                  | Spring bud break            |
| Firethorn                                   | Scab                                                         | Spring bud break            |
| Flowering Almond,<br>Quince, Sand<br>Cherry | Monilinia blossom/<br>branch blight                          | Early-bloom                 |
| Hawthorn                                    | Rust, Fabraea<br>leafspot                                    | Pre-bloom                   |
| Holly                                       | Rhizoctonia web<br>blight                                    | Warm, moist<br>conditions   |
| Mountain Laurel                             | Cercospora leafspot                                          | Spring bud break            |
| Oak (red group<br>only)                     | Taphrina blister,<br>Actinopelte<br>leafspot,<br>Anthracnose | Dormant budswell            |
| Oregon-Grape<br>(Mahonia)                   | Rust                                                         | Spring bud break            |
| Photinia                                    | Fabraea<br>(Entomosporium) leafspot                          | Spring bud break            |
| Pieris (Andromeda)                          | Phytophthora<br>die-back                                     | New leaf<br>emergence       |
| Poplar                                      | Marssonina<br>leafspot                                       | Spring bud break            |
| Privet                                      | Cercospora<br>leafspot                                       | Prolonged wet<br>conditions |
| Sycamore,<br>Planetree                      | Anthracnose                                                  | Spring bud break            |
| Viburnum                                    | Powdery mildew                                               | Mid-summer                  |

| SPECIES                             | DISEASES CONTROLLED                                                                          | SUGGESTED FIRST APPLICATION          |
|-------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------|
| <b>Bulbs and Flowering Plants:</b>  |                                                                                              |                                      |
| Carnation                           | Alternaria leafspot/<br>branch rot                                                           | Transplant of cuttings               |
|                                     | Botrytis<br>flower blight                                                                    | Cool, moist conditions               |
| Chrysanthemum/<br>Daisy             | Mycosphaerella ray<br>blight, Septoria<br>leafspot;<br>Botrytis flower<br>blight (gray mold) | Transplant of cuttings;<br>Pre-bloom |
| ( Geranium                          | Botrytis blight,<br>rust                                                                     | Cool, moist conditions               |
| Gladiolus                           | Curvularia leaf/<br>flower spot,<br>Botrytis leaf/<br>flower spot                            | Early propagation                    |
| Hollyhock                           | Rust                                                                                         | Early seedling stage                 |
| Hydrangea*<br>(foliage only)        | Cercospora and<br>Septoria<br>leafspots, Rust                                                | Early propagation                    |
| Iris                                | Botrytis blossom<br>blight, Didymellina<br>leafspot                                          | Cool, moist conditions               |
| ( Lily                              | Botrytis gray mold                                                                           | Pre-bloom                            |
| Petunia*                            | Phytophthora blight<br>(foliar phase),<br>Botrytis blight                                    | Pre-bloom                            |
| Rose (Use 1 Tbs<br>per 2.5 gallons) | Black spot,<br>Botrytis blight                                                               | Spring bud break                     |
| Statice                             | Anthraco nose,<br>Cercospora,<br>Alternaria, Botrytis<br>leaf blights                        | Spring bud break                     |
| Zinnia                              | Powdery mildew                                                                               | First sign of disease                |

\*Discoloration of blooms has been noted on certain varieties when applications are made during flowering.

| SPECIES                                | DISEASES<br>CONTROLLED                                                                             | SUGGESTED FIRST<br>AI LICATION |
|----------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------|
| <b>Foliage Plants:</b>                 |                                                                                                    |                                |
| Dracaena                               | Fusarium leafspot                                                                                  | Pre transplant                 |
| Pachysandra (Use<br>3 Tbs per 2.5 gal) | Volutella leaf<br>blight                                                                           | Spring bud break               |
| Leatherleaf fern                       | Ascochyta blight,<br>Cercospora<br>leafspot,<br>Cylindrocladium<br>leafspot,<br>Rhizoctonia blight | Spring bud break               |
| ( Parlor palm<br>(Chamaedorea)         | Bipolaris<br>(Helmintho-<br>sporium)<br>leafspot                                                   | Cool, moist<br>conditions      |
| Prayer plant<br>(Maranta)              | Helminthosporium<br>leafspot                                                                       | Early propagation              |
| Oyster plant<br>(Rhoeo)                | Tan leafspot                                                                                       | Early propagation              |
| Syngonium                              | Cephalosporium<br>leafspot                                                                         | Warm, moist<br>conditions      |
| Philodendron                           | Phytophthora blight,<br>Dactylaria leafspot                                                        | Moist conditions               |
| =====                                  |                                                                                                    |                                |

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

**Storage:** Store in a dry place. Protect from excessive heat.

**Pesticide Disposal:** Pesticide wastes are toxic. Improper disposal of excess pesticide, pesticide spray or rinsate is a violation of Federal Law. If these 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:** Do not reuse container. Rinse thoroughly before discarding in trash.

**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, including any 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.