



LICENSED

PERIOD 2015-2017 LIC. NO.

9388.62
Disc.

AllBan™ 50 WSB



LICENSED

PERIOD 2012-2014 LIC. NO.



LICENSED

PERIOD 2009-2011 LIC. NO.

ACTIVE INGREDIENTS:

Thiophanate-Methyl† 50%

OTHER INGREDIENTS: 50%

TOTAL **100.0%**

†CAS #23564-05-8

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

**SEE POUCH LABEL FOR PRECAUTIONARY
STATEMENTS, FIRST AID AND DIRECTIONS FOR USE
EPA REG. NO. 58185-30 EPA EST. NO. 67545-AZ-1**

Subscript is first letter of run code on end of container.



NET WEIGHT 8 OZ. (226 g)

Scotts-Sierra Crop Protection Company, Marysville, OH 43041

05-16-06

HORTICULTURAL APPLICATIONS

GREENHOUSE, SLAT AND SARAN HOUSES, NURSERY, LANDSCAPE AND INTERIORSCAPE.

AllBan™ 50 WSB is broad spectrum in activity controlling foliar, stem and below ground diseases on a wide range of horticultural plants grown or maintained under a wide variety of conditions. Begin foliar applications 14 to 21 days prior to when a particular disease usually appears, and at the very latest, upon first signs of disease. Usual spray intervals range from 7 to 14 days, the latter as preventative and the former under times when conditions are judged acceptable for disease development. With hort to wet plant foliage, an acceptable wetting agent added to the spray tank according to label may increase product efficacy. Where excessive and repeated foliar wetting occurs, use of a spreader-sticker is suggested at labeled concentration. Where previously untested adjuvants with AllBan™ 50 WSB are considered, follow the trial suggestions under the "Note Concerning Adjuvants" below before full scale use. AllBan™ 50 WSB may be used to control listed diseases on non-commercial fruit and nut trees but do not use fruit or nuts from trees treated with this product as food. Do not apply to home orchards/backyard fruit trees after fruit set.

NOTE: AllBan™ 50 WSB has been determined to be safe for use on the plant types listed in these directions based on cumulative data derived from research product trials and historical field use. Since all species and cultivars have not been tested, it is suggested that trial applications be performed if a user wishes to make an application to a plant type not listed on the label but found on a similar use site and for a disease that is listed on the label. To at least 25 trial plants, make at least two applications at the highest concentration 7 days apart and evaluate 7 days after the last application before initiating full scale application. This product is not recommended for the following plants: *Nephrrolepis exaltata*, *Plectranthus australis*, and *Hatiora gaertneri*.

PLANT TYPE	such as but not limited to...
Herbaceous Bedding	Ageratum, Begonia, Correa, Coleus, Dahlia, Dusty Miller, Foxglove, Fuchsia, Geranium, Impatiens, Lavender, Marigold, Parsley, Petunia, Pink, Primrose, Salvia, Statice, Strawflower, Tickseed, Verbena
Flowering	Chrysanthemum, Hydrangea, Hollyhock, Iris, Lily, Petunia
Tropical Foliage	Dieffenbachia, Dracaena, English Ivy, Philodendron, Pothos
Woody Ornamentals	Azalea, Hibiscus, Holly, Ligustrum, Rhododendron, Rose, Pyracantha
Evergreen Trees	Deciduous Trees
Deciduous Trees	Ash, London Plane, Maple, Oak, Sycamore, Walnut
Flowering Trees	Cherry, Crabapple, Hawthorn, Mountain Ash, Pear
Do not use fruit or nuts from treated trees as food or feed.	

FOLIAR SPRAY APPLICATIONS

Hydraulic Application Mixing Instructions

Add the required amount of AllBan™ 50 WSB to a partially filled spray tank agitated by mechanical or hydraulic means and then add remaining amount of water. Maintain continuous agitation to keep the material in suspension and apply with properly calibrated spray equipment.

Application Concentrations (Mechanical or Hand Held)

Use the recommended amount of AllBan™ 50 WSB per 100 gallons of water for the prevention and control of the disease shown below.

Diseases/Pathogens Controlled	Concentration of AllBan™ 50 WSB oz./100 gal.*
Anthracnose <i>Colletotrichum</i> Apply as buds break or at first sign of disease. Repeat at 7-14 day intervals as needed during disease period.	12-16
Black Spot of Rose <i>Diplocarpon rosae</i> Apply early summer or at first sign of disease. Repeat every 7-14 days as needed during disease period.	12-16
Brown Rot and Blight <i>Monilinia</i> , <i>Sclerotinia</i> , <i>Wetzelomyces</i> Apply late Spring or at first sign of disease. Repeat every 7-14 days as needed during disease period.	12-16
Fusicladium and Venturia Leaf Scabs on: <i>Crabapple, Hawthorn, Pear, Mountain Ash, Pyracantha, etc.</i> Apply as buds break. Repeat every 7-14 days during disease period. Effective control requires coverage during expansion. Rotations with chlorothalonil or propiconazole can be utilized.	12-16
Leaf Spots and Blights caused by: <i>Ascochyta</i> , <i>Blumeriella</i> , <i>Botrytis</i> , <i>Cercospora</i> , <i>Coccomyces</i> , <i>Corynespora</i> , <i>Curvularia</i> , <i>Didymella</i> , <i>Entomosporeum</i> , <i>Fabrea</i> , <i>Fusarium</i> , <i>Ramularia</i> , <i>Rhizoctonia</i> , <i>Marssonina</i> , <i>Mycosphaerella</i> , <i>Myrothecium</i> , <i>Phoma</i> , <i>Physalospora</i> , <i>Schizothium</i> , <i>Septoria</i> , <i>Sphaeria</i> Apply when disease symptoms first appear. Repeat every 7-14 days during disease period. Rotations with chlorothalonil can be utilized.	12-16

FOLIAR DISEASES (continued)

Diseases/Pathogens Controlled	Concentration of AllBan™ 50 WSB oz./100 gal.*
Ovulinia Blight Apply as flowers open. Repeat every 7-14 days during disease period.	8-16
Powdery Mildews <i>Erysiphe</i> , <i>Microsphaera</i> , <i>Phyllostictia</i> , <i>Podosphaera</i> , <i>Oidium</i> , <i>Sphaerotheca</i> Apply when disease first appears and repeat every 7-14 days. Rotations with other effective products is recommended.	8-16
Rust Diseases caused by: <i>Puccinia</i> , <i>Gymnosporangium</i> , <i>Uromyces</i> Apply late Spring or when symptoms first appear. Repeat every 7-14 days during disease period. Rotations with other effective products is recommended.	12-16
Tip Blight of Pine <i>Sphaeropsis sapinea</i> , <i>Diplodia pinea</i> Begin application in Spring when new growth starts. Make a second application just before needles emerge from the sheath and a third application 7 days later. Thorough coverage is essential for optimal disease control.	12-16
Twig Blights, Cankers, and Diebacks <i>Disporthe</i> , <i>Kabatina</i> , <i>Phoma</i> , <i>Phomopsis</i> Apply when symptoms first appear. Repeat every 7-14 days during disease period.	16-32

* For California foliar applications use the highest labeled concentration except for *Ovulinia* Blight and Powdery Mildews, use the lowest labeled concentration. For Twig Blights, Cankers and Diebacks use the 24 to 32 ounce concentration.

Note Concerning Adjuvants: In situations where rainfall and/or overhead irrigation is the norm, use of a compatible spreader/sticker is suggested. Where wetting of foliage is difficult, use instead a compatible wetting agent. Follow the phytotoxicity precautions stated previously under "Horticultural Applications" note.

SOIL DRENCH APPLICATIONS

Mixing Instructions: Add required amount of AllBan™ 50 WSB to partially filled tank agitated by mechanical or hydraulic means. Then add remaining required amount of water. Maintain continuous agitation to keep the material in suspension.

Application Rates and Timing for Disease Control: Use 8 to 16 ounces of AllBan™ 50 WSB per 100 gallons of water. Apply as a heavy spray or drench at the rate of 1/2 to 2 pints per square foot (100 gallons per 1,600 to 400 square feet). For shallow flats and small pots up to 4 inch size, use 8 ounces/100 gallons applied at 1 pint per square foot. For pots and containers 4 inches or larger, refer to following table for the volume to apply. Applications may be repeated at 4 to 8 week intervals, the frequency depending upon presence of disease and optimum conditions for disease development.

Container Type	Volume to Apply/Container @ 1pt./ft. ² Rate	@ 2pt./ft. ² Rate
4 inch	2 fl.oz.	
5 inch	2-1/2 fl.oz.	6-1/2 fl.oz.
6 inch	3 fl.oz.	8-1/2 fl.oz.
7 inch	4 fl.oz.	11 fl.oz.
8 inch	5 fl.oz.	14 fl.oz.
9 inch	6 fl.oz.	17-1/2 fl.oz.
10 inch	7 fl.oz.	

Above 10 inch in nursery container production, a drench volume of 2-1/2 to 3 pints per square foot of surface area may be required.

Plant Types: containerized woody shrubs, trees, herbaceous/bedding, flowering, and tropical foliage plants and flowers and bedding plants in the landscape.
Note: Application of this product to plug trays or seeding flats at time of seeding is not recommended.

Soil Diseases Controlled: *Botrytis*, *Cylindrocladum*, *Fusarium*, *Gliocladium*, *Myrothecium*, *Penicillium*, *Ramularia*, *Rhizoctonia*, *Sclerotinia* and *Thielaviopsis*.
Note: *Pythium*, *Phytophthora* and *Cylindrodium spathiphyllii* are not controlled by AllBan™ 50 WSB.

PREPLANT/POST HARVEST DIPS

Mixing Instructions: Mix as previously instructed for foliar spray and drench applications. Keep solution in agitation.

Application Concentration and Dipping Time: Plants or Cuttings - Use 12 to 16 ounces of AllBan™ 50 WSB per 100 gallons of water. Immerse plants or cuttings for 10 to 15 minutes, remove and allow to drain and preferably dry. Wear clothing outlined in "PPE Requirements" for applicators and other handlers.

Bulbs, Corms, Tubers and Rhizomes¹ - Use 16 to 32 ounces of AllBan™ 50 WSB per 100 gallons of water. Soak cleaned bulbs for 15 to 30 minutes in warm dip (80-85 degrees F) preferably within 48 hours of digging. Dry bulbs after treatment. If bulbs are for forcing, treat bulbs that have been heat-cured.

¹For California applications use 24-32 ounces of AllBan™ 50 WSB per 100 gallons of water.

Plant Types: Propagated units of woody herbaceous, flowering and tropical foliage plants; Bulbs, corms, tubers and rhizomes of plants such as but not limited to Calladium, Easter Lily, Tulip, Gladiolus, Daffodil, etc.

Diseases Controlled: *Botrytis*, *Cylindrocladum*, *Fusarium*, *Gliocladium*, *Myrothecium*, *Penicillium*, *Ramularia*, *Rhizoctonia*, *Sclerotinia*, *Thielaviopsis*.

INTERIORSCAPE AND PLANTScape USE

Spray Application: Mix well before spraying. It is important to assure complete coverage by spraying foliage to runoff, thoroughly wetting upper and lower leaf surfaces. Use concentrations recommended under "Ornamentals" for foliar, twig and drench application. When applied in public areas, use a coarse, low pressure spray. Apply during non-business hours or cordon off area during spraying and until spray has dried. Avoid spraying wall coverings, plastic (vinyl) surfaces, drapes, carpets, and upholstery.

TURF APPLICATIONS

AllBan™ 50 WSB is a fungicide with broad spectrum activity against certain foliar and soil diseases for use on all turf types such as golf course greens, tees and fairways, athletic fields, cemeteries, parks, and commercial and home lawns. AllBan™ 50 WSB can be used both preventatively and curatively and is not phytotoxic. Not for use on turf being grown for sale or other commercial uses as sod.

Mixing Instructions: Add required amount of AllBan™ 50 WSB to partially filled tank agitated by mechanical or hydraulic means. Then add remaining required amount of water. Maintain continuous agitation to keep the material in suspension. For best results use spray mixture the same day it is prepared.

Turf Types: All cool season and warm season grasses (such as but not limited to Bentgrasses, Bermudagrasses, Bluegrasses, Fescues, Ryegrasses, St. Augustinegrasses, and Zoysiagrasses) or their mixtures.

TURF DISEASES

Disease(s) Controlled	Rate of AllBan™ 50 WSB oz./1000 sq. ft.*
Anthracnose <i>Colletotrichum graminicola</i>	2-4 (4 - 6)**
Dollar Spot <i>Sciactinia homoeocarpa</i>	2-4
Apply when disease first appears. Continue at 14 day intervals as needed. Spray should dry on leaves with no "watering in."	
Copper Spot <i>Gloeosporangium sorghi</i>	2-4
Brown Patch and Zoysia Patch <i>Rhizoctonia solani</i>	2-4
Red Thread <i>Laetisaria fusiformis</i>	2-4
Apply when disease first appears. Continue at 14 day intervals as needed. Spray should dry on leaves with no "watering in."	
Pink Snow Mold <i>Microdochium nivale</i>	2-4
(Only in areas where snow cover is not present the entire winter) Apply middle-late November before turf has stopped all growth activity. Lightly water this application into the root zone for best results. A second application may be used in combination with PCNB. Second spray should dry on leaf surfaces with no "watering in."	
Gray Leaf Spot <i>Pyricularia grisea</i>	4-6
Apply when conditions are favorable for disease development. Continue at 14 day intervals. Spray should dry on leaves with no "watering in."	
Summer Patch <i>Magnaporthe poae</i>	4-6
For prevention, apply 3 applications beginning early May using 21 day intervals. Water material into root zone thoroughly after application. For suppression, apply two applications at 14 day intervals beginning when disease first appears.	
Fusarium Blight <i>Fusarium spp.</i>	4-6
Necrotic Ring Spot and Spring Dead Spot <i>Leptosphaeria korrae</i>	
Apply two applications at 14 day intervals beginning when disease first appears.	
Stirps Smut <i>Ustilago striiformis</i>	4-6
Make two applications at 14 day intervals when disease first appears. Water material into root zone after application. For prevention, apply in spring (just before grass begins growth), and fall.	

* Refer to "Use Sites and Maximum Application Rates" to determine allowable rates for each application site.

** Note: Use 4 - 6 oz. rate for curative response to Basal Stem Anthracnose.

TURF APPLICATION DIRECTIONS

Spray uniformly over the area to be treated with a properly calibrated power sprayer.

Apply after mowing or avoid mowing for 12 hours after application. Apply sufficient water to obtain thorough coverage, usually 1-1/2 to 2-1/2 gallons per 1,000 square feet of turf area. Always treat aprons and approaches to golf greens.

Use Sites and Maximum Application Rates

Site	Maximum Single Application Rate fl. oz./1000 sq. ft.	Maximum Seasonal Application Rate fl. oz./1000 sq. ft.
Golf Course Greens, Tees and Aprons	6	16
Golf Course Fairways (Except Florida)	4	4
Golf Course Fairways (Florida Only)	2	2
Residential and Public Areas (home lawns, parks, athletic fields, schools, day care centers)	2	8

NOTE TO USER: Do not graze animals on treated turf. Do not feed clippings to livestock or poultry.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store in the original container in a dry, temperature controlled area. Do not store in a manner where cross-contamination with other pesticides, fertilizers, food or feed could occur. If spilled during storage or handling, contain/re-capture spillage and dispose of in accordance with the Pesticide Disposal Instructions listed below.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product are toxic and may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Do not re-use empty container. Dispose of empty container in a sanitary landfill or by incineration or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

This product contains a chemical known to the state of California to cause cancer, birth defects or other reproductive harm.

IMPORTANT NOTICE: DISCLAIMER AND LIMITATION OF LIABILITY

This product has been researched to provide necessary data to support its uses listed on the label. The user should always follow the label directions and exercise judgment and caution when using this product under their growing conditions. NO WARRANTY OR REPRESENTATION IS MADE, EXPRESS OR IMPLIED, CONCERNING THE RESULTS OBTAINED FROM THE USE OF THIS PRODUCT. The exclusive remedy of the user or Buyer, and the liability of The Scotts Company LLC, Scotts-Sierra Horticultural Products Company or their affiliates, for any and all losses, injuries or damages resulting from the use or handling of this product shall be the purchase price paid by the user or Buyer for the quantity of this product involved. The Buyer and all users are deemed to have accepted the terms of this Notice, which may be varied only by agreement in writing, signed by a duly authorized representative of The Scotts Company LLC or Scotts-Sierra Horticultural Products Company.

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Code
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