



AGRICULTURAL BULLETIN



1083
PNW 21
reg # 352-434

BENLATE® PNW FUNGICIDE
WHEAT
WASHINGTON, UTAH
OREGON AND IDAHO

SUPPLEMENTAL LABELING
EPA REG. NO. 352-434

REPRODUCTION BY COPY

ACCEPTED

DEC 17 1984
Under the Federal Insecticide, Fungicide, and Rodenticide Act, this product is registered for the pesticide use shown under EPA Reg. No. 352-434

BENLATE® PNW FUNGICIDE FOR CONTROL OF
PSEUDOCERCOSPORELLA FOOT ROT OF WHEAT IN
WASHINGTON, UTAH, OREGON AND IDAHO

DIRECTIONS FOR USE

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

Do Pont Benlate® PNW Fungicide is recommended for use as a foliar spray for the control of Pseudocercospora Foot Rot (Strawbreaker Foot Rot), in the states of Washington, Utah, Oregon and Idaho.

HOW TO USE

Apply 1 to 2 lbs. of Benlate® PNW per acre, using sufficient water to provide thorough and uniform coverage. For aerial application, use 5 to 10 gallons of water per acre. For fall-seeded winter wheat, make a single application when wheat is tillered but before elongation has occurred. For best results, apply in the spring. Use the higher dosage rate under conditions of severe disease pressure.

Add the required amount of Benlate® PNW to the necessary volume of water in the spray tank agitated by hydraulic or mechanical means; continuous agitation is required to keep the material in suspension. Do not tank mix benlate® PNW with lime or alkaline pesticides such as Bordeaux mixture or lime sulfur.

NOTE: Do not apply within 21 days of harvest. Do not allow livestock to forage in treated fields.

Use With Fertilizer and Herbicide Tank Mixtures

Benlate® PNW may be applied in mixtures with a 50% solution of Urea Ammonium Nitrate (UAN) containing 30 to 32% nitrogen (Uran¹, Solution 32, etc.) and with certain herbicides, including Bronate² (bromoxynil),

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Chiptox² (MCPA amine), Dow Formula 40³ 2,4-D amine, Glean⁴, Lexone⁵ DF⁴, Igran⁵ and others. The mixing ability of these combinations will be improved by adding tank mixture compatibility agents such as Compex⁶. Follow the directions on the container.

For compatibility of other products in mixtures of Benlate[®] PNW and UAN fertilizer, check by the following procedure:

1. Put 1 pint of UAN fertilizer solution (at concentration to be used) in a quart jar.
2. Add 2 level teaspoons of Benlate[®] PNW to 1 pint of UAN fertilizer solution.
3. Close jar and shake well.
4. Add the other products separately to the Benlate[®] PNW fertilizer solution mixture. The quantity of product to add depends on the recommended application rate of that product. A general guide is: 1 level teaspoon of powder in a pint equals about 2 to 3 lbs. per 100 gallons; 1 teaspoon of liquid in a pint equals about 1 gallon per 100 gallons.
5. Close jar and shake well after adding each ingredient to the mixture.
6. Watch mixture for several seconds; check again in 30 minutes. Some slight settling of wettable powder may occur after 30 minutes. This is normal and should resuspend after shaking.
7. Do not use mixture if it has excessive foam, gel, lumps or shows separation which cannot be readily suspended.

NOTE: When checking the compatibility of water-based spray mixtures, use the above procedure but substitute water for UAN solution.

Provided the above procedure shows the mixture to be compatible, prepare the tank mixture as follows: Add the UAN fertilizer solution to the spray tank first, filling the sprayer at least half full. With the agitator running, add the required amount of Benlate[®] PNW and allow sufficient time to mix thoroughly. Then add the required amount of herbicide(s) and mix thoroughly. When mixing more than one herbicide, mixing order is important. Always mix wettable powder and dry flowable formulations first. Liquid formulations should be added last (flowable and emulsifiable concentrates). Mixtures with some herbicides may be improved by making a 1:2 slurry (product:water) prior to adding to the spray tank. Continuous agitation is required to keep the materials in suspension. Prolonged periods without agitation may result in settling and accumulation of material on the bottom or sides of the tank. For optimum mixing and spraying, tanks should be sprayed completely empty at least once daily and preferably before each new tankful is mixed.

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- ¹Registered trademark of Allied Chemical Company
 - ²Registered trademark of Rhone-Poulenc
 - ³Registered trademark of Dow Chemical Company
 - ⁴Registered trademark of E. I. du Pont de Nemours & Co., Inc.
 - ⁵Registered trademark of Ciba-Geigy Corp.
 - ⁶Registered trademark of Kalo Laboratories
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IMPORTANT

BEFORE USING BENLATE® PNW OR ANY OF THE PRODUCTS USED IN MIXTURES, READ AND CAREFULLY OBSERVE THE CAUTIONARY STATEMENTS AND ALL OTHER INFORMATION APPEARING ON THE RESPECTIVE PRODUCT LABELS.

This bulletin contains new or supplemental instructions for use of this product which may not appear on the package label. Follow the instructions carefully.

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

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