

7969-199

7.13.2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

Khalid Akkari
BASF Corporation, Agricultural Products
P.O. Box 13528, 26 Davis Drive
Research Triangle Park, NC 27709

JUL 13 2010

Subject: Pristine fungicide
EPA Reg. No. 7969-199
Amendments dated 1/29/2009 in connection with Petitions 9F7527 and 9F7529
EPA Decision No. 405560

Dear Dr. Akkari,

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended, to add citrus and alfalfa use is acceptable. Copies of the individual labels, stamped "Accepted" are enclosed for your review. If you have any questions, please contact Shaunta Hill by phone at (703)-347-8961 or via email at hill.shaunta@epa.gov.

Sincerely,

Lisa Jones FOR

Shaja B. Joyner
Product Manager (20)
Fungicide Branch
Registration Division (7504P)

Enclosures: Labels stamped "Accepted"

BASF
The Chemical Company



ACCEPTED
JUL 13 2010
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 7969-199

GROUP 7 11 FUNGICIDE

Supplemental Label

For use on citrus fruit

EPA Reg. No. 7969-199

Active Ingredients:

pyraclostrobin: (carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester) 12.8%

boscalid: 3-pyridinecarboxamide, 2-chloro-N-(4'-chloro(1,1'-biphenyl)-2-yl)- 25.2%

Other Ingredients: 62.0%

Total: 100.0%

0.128 oz (0.008 lb) of pyraclostrobin in 1 oz of **Pristine**® fungicide
0.252 oz (0.0158 lb) of boscalid in 1 oz of **Pristine**

Refer to the **Pristine** main label, EPA Reg. No. 7969-199, for complete **Directions For Use** and all applicable restrictions and precautions. This supplemental label and the full **Pristine** container label must be in the possession of the user at the time of pesticide application.

Directions For Use

It is a violation of federal law to use this product in a manner inconsistent with its labeling. **DO NOT** apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

General Information

Pristine provides optimum disease control when applied in a regularly scheduled protective fungicide program and used in a spray program that rotates fungicides with different modes of action. Refer to the **Pristine** main container label for general resistance management information and to the crop-specific use directions and restrictions found in this label.

Livestock grazing and feeding is permitted for crops listed in **Table 1. Pristine**® fungicide **Crop-specific Use Directions** in this label.

Application Information

Apply **Pristine** according to the rate, timing, resistance management, and adjuvant use recommendations in **Table 1. Pristine**® fungicide **Crop-specific Use Directions** in this label.

Pristine may be applied by ground sprayer, by aerial equipment, or through sprinkler irrigation systems. Refer to the **Pristine** main container label for specific instructions on these methods.

Restrictions and Limitations

No aerial application in New York State except as permitted under FIFRA Section 24(c), Special Local Need Registration.

Pristine is not for use in greenhouse or transplant production systems.

Follow the restrictions and limitations outlined in **Table 2. Pristine Restrictions and Limitations** in this label for:

- Minimum preharvest interval (PHI)
- Maximum product rate per acre
- Maximum number of applications
- Maximum product rate per season

Table 1. Pristine® fungicide Crop-specific Use Directions

Crop	Target Disease	Product Use Rate per Application	Maximum Number of Applications per Season	Maximum Product Rate per Season	Minimum Time from Application to Harvest (PHI)
Citrus Fruit Calamondin Chironja Citrus citron Citrus hybrids Grapefruit Kumquat Lemon Lime Mandarin Orange (sour and sweet) Pummelo Satsuma Tangelo Tangerine Tangor	Alternaria brown spot (<i>Alternaria alternata</i> , <i>Alternaria</i> spp.) Greasy spot (<i>Mycosphaerella citri</i>) Scab (<i>Elsinoe fauceitii</i>) Melanose (<i>Diaporthe citri</i>)	16 to 18.5 ozs per acre	4	74 ozs per acre	0 days

Application Directions:

Apply **Pristine** in a regularly scheduled protective fungicide program. Begin applications of **Pristine** prior to infection and continue on a 10-day to 21-day interval.

The level of disease control obtained from **Pristine** depends on the level of disease pressure and various cultural practices that influence rind maturation and disease susceptibility. Improved disease control performance may result when **Pristine** is used in a crop management program that minimizes rind over-maturity and rind damage.

Resistance Management: To limit the potential for development of resistance, **DO NOT** make more than four (4) applications of **Pristine** per season.

DO NOT make more than two (2) sequential applications of **Pristine** before alternating to a labeled non-Group 11 or non-Group 7 fungicide with different modes of action.

Table 2. Pristine Restrictions and Limitations

Crop	Minimum Time from Application to Harvest (PHI) (days)	Maximum Product Rate per Acre per Application (ozs)	Maximum Number of Applications per Season	Maximum Product Rate per Acre per Season (ozs)
Citrus Fruit	0	18.5	4	74

Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND BASF'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF. 1108

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BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709

 **BASF**
The Chemical Company

ACCEPTED
JUL 13 2010
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 7969-199

GROUP 7 11 FUNGICIDE

BASF
The Chemical Company



**Supplemental
Label**

For use on alfalfa, including alfalfa grown for seed

EPA Reg. No. 7969-199

Active Ingredients:

pyraclostrobin: (carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester)	12.8%
boscalid: 3-pyridinecarboxamide, 2-chloro-N-(4'-chloro(1,1'-biphenyl)-2-yl)-	25.2%
Other Ingredients:	62.0%
Total:	100.0%

0.128 oz (0.008 lb) of pyraclostrobin in 1 oz of Pristine® fungicide
0.252 oz (0.0158 lb) of boscalid in 1 oz of Pristine

Refer to the Pristine main label, EPA Reg. No. 7969-199, for complete Directions For Use and all applicable restrictions and precautions. This supplemental label and the full Pristine container label must be in the possession of the user at the time of pesticide application.

Directions For Use

It is a violation of federal law to use this product in a manner inconsistent with its labeling. **DO NOT** apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

General Information

Pristine provides optimum disease control when applied in a regularly scheduled protective fungicide program and used in a spray program that rotates fungicides with different modes of action. Refer to the Pristine main container label for general resistance management information and to the crop-specific use directions and restrictions found in this label.

Livestock grazing and feeding is permitted for crops listed in Table 1. Pristine® fungicide Crop-specific Use Directions in this label.

Application Information

Apply Pristine according to the rate, timing, resistance management, and adjuvant use recommendations in Table 1. Pristine® fungicide Crop-specific Use Directions in this label.

Pristine may be applied by ground sprayer, by aerial equipment, or through sprinkler irrigation systems. Refer to the Pristine main container label for specific instructions on these methods.

Restrictions and Limitations

No aerial application in New York State except as permitted under FIFRA Section 24(c), Special Local Need Registration.

Pristine is not for use in greenhouse or transplant production systems.

Follow the restrictions and limitations outlined in Table 2. Pristine Restrictions and Limitations in this label for:

- Minimum preharvest interval (PHI)
- Maximum product rate per acre
- Maximum number of applications
- Maximum product rate per season
- Livestock grazing or feeding

Table 1. Pristine® fungicide Crop-specific Use Directions

Crop	Target Disease	Product Use Rate per Application	Maximum Number of Applications per Season	Maximum Product Rate per Season	Minimum Time from Application to Harvest (PHI)
Alfalfa (including alfalfa grown for seed)	Anthracnose (<i>Colletotrichum trifolii</i>)	12 to 18 ozs per acre	2 per cutting and 3 total per growing season	54 ozs per acre	14 days
	Common leaf spot (<i>Pseudopezizza medicaginis</i>)				
	Downy mildew (<i>Peronospora trifoliorum</i>)				
	Leaf spot (<i>Leptosphaerulina briosiani</i>)				
	Powdery mildew (<i>Erysiphe pisi</i>)				
	Rhizoctonia blight/black patch (<i>Rhizoctonia</i> spp.)				
	Rust (<i>Uromyces</i> spp.)				
	Spring black stem and leaf spot (<i>Phoma medicaginis</i>)				
	Stagnospora leaf spot (<i>Stagnospora meliloti</i>)				
	Stemphyllium leaf spot (<i>Stemphyllium</i> spp.)				
	Summer black stem and leaf spot (<i>Cercospora medicaginis</i>)				
	Yellow leaf blotch (<i>Leptotrichila medicaginis</i>)				
	White mold/Sclerotinia crown and stem rot (<i>Sclerotinia sclerotiorum</i> , <i>S. trifoliorum</i>)	14 to 18 ozs per acre			
	Suppression only Southern blight (<i>Sclerotium rolfsii</i>)				

Table 1. Pristine® fungicide Crop-specific Use Directions *(continued)*

Application Directions: Begin **Pristine** applications when conditions favorable for disease are expected, but prior to onset of disease development. For stand establishment of fall seeded alfalfa, begin applications in fall through early winter prior to first snowfall or extended cool, wet conditions. For seed pod protection, begin applications at 10% to 30% bloom.

Using higher rates may improve disease control performance as the crop canopy volumes and densities increase. Disease control can also be improved when application equipment and spray volumes are adjusted to achieve thorough canopy penetration and coverage.

Repeat application on a 14-day to 21-day interval if conditions are conducive for disease development. **DO NOT** make more than two (2) applications per cutting or more than three (3) applications per season. Use the higher rate and shorter interval when disease pressure is high.

Under some conditions, the use of additives or adjuvants may improve the performance of **Pristine**.

Resistance Management: To limit the potential for development of resistance, **DO NOT** make more than two (2) applications of **Pristine** per cutting or three (3) applications per season.

Table 2. Pristine Restrictions and Limitations

Crop	Minimum Time from Application to Harvest (PHI) (days)	Maximum Product Rate per Acre per Application (ozs)	Maximum Number of Applications per Season	Maximum Product Rate per Acre per Season (ozs)	Livestock Grazing or Feeding Permitted
Alfalfa (including alfalfa grown for seed)	14	18	3	54	Yes

Conditions of Sale and Warranty

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