

Pristine®

Fungicide

The Industry Leader in Pistachio Disease Control

Pristine® fungicide is the industry leader for disease control and field performance in pistachios. To achieve maximum return on investment and optimum quality for your crop, include Pristine in your fungicide spray program.

2012 University of CA Pistachio Disease Control Rankings**

Products	Alternaria late blight	Botrytis blossom and shoot blight	Botryosphaeria panicle and shoot blight
Pristine	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■
Merivon*	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■
Adament	■ ■	■ ■ ■	■ ■
Inspire Super	■ ■	■ ■ ■	■ ■ ■ ■
Fontelis	■ ■ ■ ■	■ ■ ■	■ ■ ■ ■
Quadris Top	■ ■ ■		■ ■ ■ ■
Quash	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■
Luna Experience	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■
Luna Sensation	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■
Ph-D	■ ■ ■	■ ■ ■ ■	■ ■ ■

Ineffective → Limited and/or Erratic → Moderate and Variable → Good and Reliable → Excellent and Consistent

□ ———▶ ■ ———▶ ■ ■ ———▶ ■ ■ ■ ———▶ ■ ■ ■ ■

*Pending registration

**Source: 2012 Almond Fungicide Efficacy and Treatment Timing UC IPM Online. Some listed products may not be registered in pistachios but were evaluated by the University of CA to develop these rankings.

Always follow FRAC guidelines when using fungicides.



Technical Information Bulletin

 **BASF**
The Chemical Company

UC Davis Pistachio Fungicide Treatment Timing¹

Disease	Bloom (April)	Succulent Shoot Growth (May)	Early Fruit (June) ^a	Fruit/Kernel Development (July)	Fruit Maturation (August)
Alternaria ^b			■ ■ ■	■ ■ ■	
Botryosphaeria	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ? ^c
Botrytis	■ ■ ■	■			

Ineffective Least Effective Moderately Effective Most Effective
 □ ■ ■ ■ ■ ■ ■ ■

Pristine® and Merivon® were very effective in lowering *Botryosphaeria* incidence in pistachio buds when sampled in March 2012, about ½ year following the sprays (2011 season sprays).” Dr. Themis Michailides, UC Davis

¹ Source: 2012 Pistachio Fungicide Efficacy and Treatment Timing UC IPM Online (see for additional information)

^a If only one application is done, the best timing is late June to early July

^b Three applications during the season are recommended; Sprays not later than the first week in August

^c Under revision

Anti-Resistance Strategies for Fungicides

Application of “Following the Rules” in Fungicide Stewardship Dr. James Adaskaveg, UC Riverside

Rotate or mix fungicides of different mode of actions.

Use labeled rates—for strobilurins use upper label rates.

Limit total number of applications—limit any single-site mode of action fungicide class to one or two per season.

Educate yourself about fungicide activity, mode of action, and class—as well as resistance management practices.

Start a fungicide program with multi-site mode of action materials if possible. Reduce pathogen population size that is exposed to subsequent treatments. Probability of selecting for resistance is reduced.

Pristine Use Recommendations in Pistachios

Diseases Controlled

- Alternaria late blight
- Botrytis blossom and shoot blight
- Botryosphaeria panicle and shoot blight

Recommended Rate/Acre: 10.5-14.5 fl. oz.

Maximum Rate/Acre: 14.5 fl. oz.

Pre-Harvest Interval: 14 days

Re-entry Interval: 12 hours

Maximum Sequential Sprays of Pristine: 2

Total Application/Season: 4



Always read and follow label directions

Pristine and Merivon are registered trademarks of BASF.

Inspire Super and Quadris Top are registered trademarks of Syngenta.

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Fungicide

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