



**MADE IN USA**

## Tree Nuts: Kocide 3000-O and Kocide 2000-O, the World Leaders in Copper Fungicides

For over 50 years Kocide® 3000-O and Kocide® 2000-O have been the most technologically advanced copper fungicides on the market. Kocide's products, with enhanced BioActive™ technology and patented processes, provide superior disease control with lower metallic use rates. Kocide® 3000-O and Kocide® 2000-O effectively control many almond and walnut diseases, plus they're made in the USA.

### Kocide 3000-O

- Our most advanced copper fungicide/bactericide formulation
- Highest bio-available copper fungicide on the market
- Delivers more disease control per pound than other copper fungicides
- Equal to or better control than higher metallic coppers
- Optimum particle size provides superior coverage and rainfastness
- Outstanding dry flowable formulation for easy handling, mixing and use
- Signal word – CAUTION
- Environmentally friendly – less metallic copper per acre
- University tested and proven highly effective

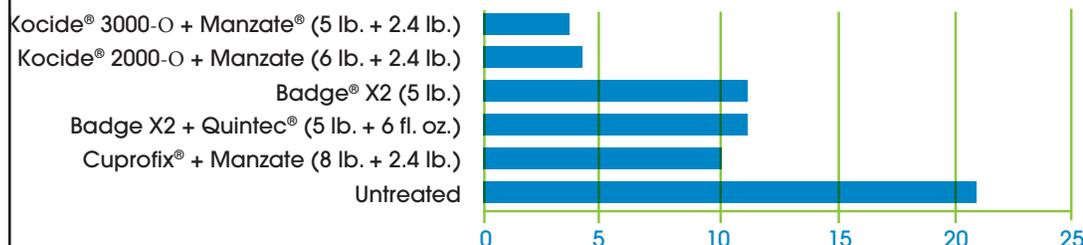
### Kocide 2000-O

- High bio-available copper formulation
- Optimum particle size and formulation provides outstanding coverage and rainfastness
- Excellent mixing and handling
- Proven performance with Universities and growers
- Lower use rates versus high metallic copper
- Environmentally friendly – less metallic copper per acre
- Signal Word – WARNING

**Kocide®  
3000-O**

**Kocide®  
2000-O**

### Walnut Blight: Percent Disease Incidence



Four applications made in early to late spring. Summary of Universities, consultants and in-house trials conducted in CA 2009 – 2013; Trials represent a combination of walnut blight strains that were partially resistant and/or resistant to copper.

**CERTIS**  
Biologicals

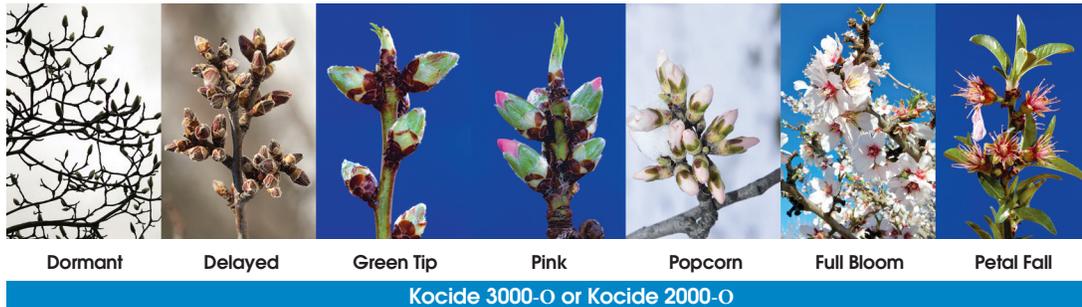


**Kocide**<sup>®</sup>

## Maximizing the Value of your Tree Nut Applications

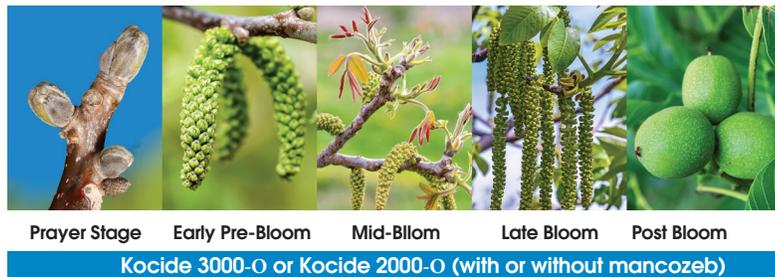
- Always use full orchard sprays
- Do not apply to wet crops
- Do not apply when slow drying conditions prevail
- Do not apply if it is likely to rain before the spray is dry
- Do not apply in spray solutions having a pH of less than 6.5

## Almond Application Calendar



**Almonds:** Apply your 1st dormant spray prior to fall rains and 2nd at late dormant. These applications will reduce inoculum and protect against Bacterial Blast, Bacterial Canker, and Coryneum Blight (Shot Hole).

## Walnut Application Calendar



**Walnuts (Walnut Blight):** Apply 1st spray when approximately 40% of buds are at the “prayer stage” and repeat on 7 to 10 days intervals. Consult XanthoCast Model\* to determine needs and timing for sprays. Thorough coverage maximizes disease control. Kocide 3000-O or Kocide 2000-O plus mancozeb should be used in orchards with a history of copper tolerant Walnut Blight strains.

**Hazelnuts (Filberts):** Eastern Filbert Blight and Bacterial Blight. Eastern Filbert Blight; make applications starting at bud swell to bud break and continue at two week intervals if needed until early May. Filbert Blight infection and growth cycle span two years.

**Pistachios:** Botryosphera Panicle and Shoot Blight, Botrytis Blight, Late Blight (*Alternaria alternata*), and Septoria Leaf Blight; make initial application at bud swell and repeat on a 14 to 28 day schedule as needed.

**Always read and follow label directions and precautions before using product.** The \*XanthoCast Walnut Blight Model (a temperature-leaf wetness model) was developed by Dr. James Adaskaveg U.C. Riverside. Kocide<sup>®</sup> and BioActive are trademarks of Kocide LLC. Cuprofix<sup>®</sup> and Manzate<sup>®</sup> are trademarks of UPI. Badge<sup>®</sup> is a trademark of Isagro USA, Inc. Quintec<sup>®</sup> is a trademark of Dow AgroSciences LLC.

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