

Reduce  
Leaf Rust  
Severity by  
39%

## OxiDate® 2.0

### Control of Blueberry Leaf Rust

#### OxiDate 2.0 for Control of Blueberry Leaf Rust, 2014

**Researchers:** Annemiek Schilder, Roger Sysak, Jerri Gillett,  
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**Crop:** Blueberry (*Vaccinium* spp. 'Collins')

**Pest:** Leaf Rust (*Thekopsora minima*)

Blueberry Leaf Rust, which is caused by a fungus, is very prevalent in the United States. Symptoms of Leaf Rust on blueberry plants include yellow spots which later turn reddish-brown, sometimes pustules during mid-summer. This pathogen can spread quickly through airborne spores, so a good method of control is crucial.

OxiDate 2.0 bactericide/fungicide is an organic alternative to conventional control methods for Leaf Rust that was tested during a recent trial by Michigan State University. OxiDate 2.0 can be used in both conventional and organic operations for foliar treatments of many blueberry pathogens, including Leaf Rust, Alternaria, Botrytis, Leaf Spot, Downy and Powdery Mildew and more.

#### Summary and Results

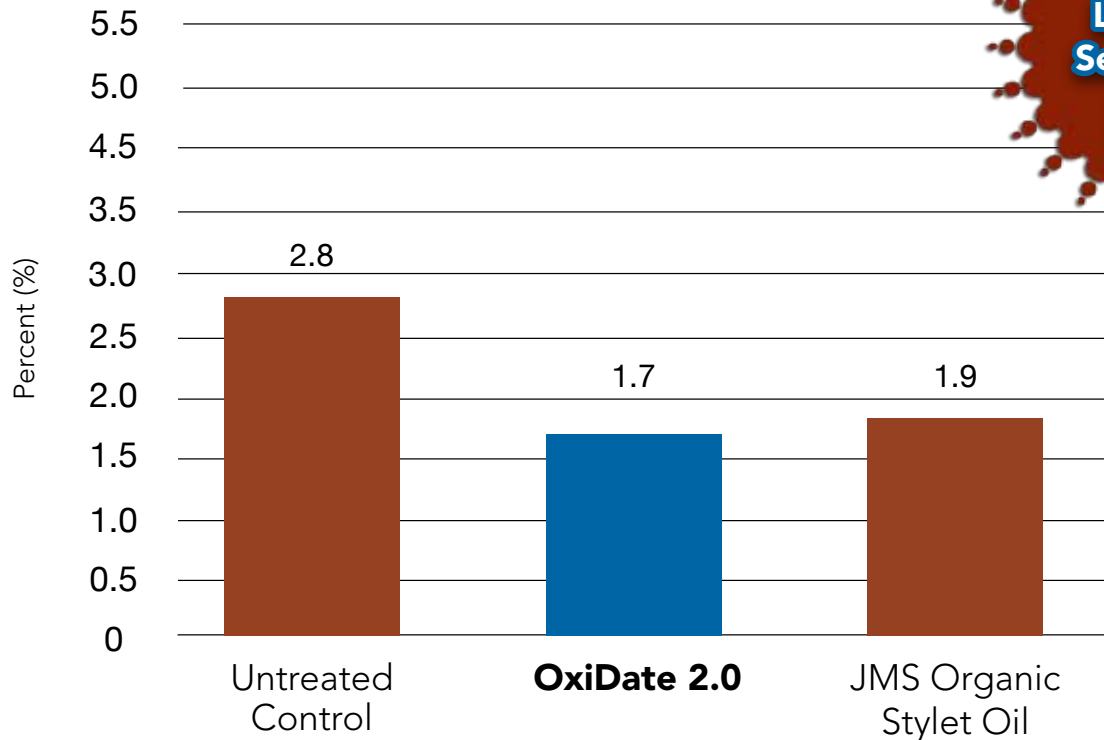
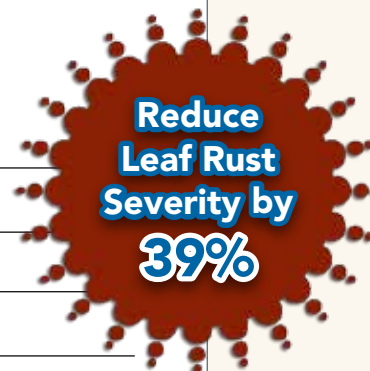
Results of this trial showed that OxiDate 2.0 proved effective in reducing Leaf Rust severity by 39%. OxiDate 2.0 bactericide/fungicide can be used to reduce Leaf Rust severity in blueberry crops for both conventional and organic operations.



#### Features & Benefits

- EPA registered/labeled for Leaf Rust
- No mutational resistance
- No phytotoxicity on blooms
- Exempt from pesticide tolerances
- Active ingredient: hydrogen dioxide and peroxyacetic acid
- Available in 2.5, 5, 30, 55 & 275-gallon containers

# Figure 1. OxiDate 2.0 and Overall Leaf Rust Severity



For full results, please contact BioSafe Systems.