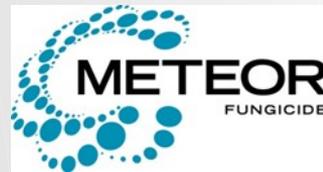


California Garlic and Onion Symposium

Jason Miller
Regional Account Manager
United Phosphorus Inc



Products Registered on Garlic and Onions



Insectides

▶ Assail

- Registered for control of thrips

炆30SG – 5.0–8.0 ounces/acre

炆70WP – 2.1 – 3.4 ounces/acre

▶ Lamda–Cy

- Registered on a wide variety of pests
- 1.92 – 3.84 ounces/acre



Bee toxicity Update

- ▶ European Union ban on neonicotinoids effective Dec. 1, 2013.
- ▶ In July 2013, H.R. 2692 “Saving America’s Pollinators Act” was introduced. Calls for “the suspension of use” of certain neonic insecticides.
- ▶ EU ban and US proposed ban affect the NITRO–GROUP. Examples are imidicloprid, clothiaidin, thiamethoxam, dinotefuran.
- ▶ CYANO–GROUP is not subject to the ban.

Fungicides

- ▶ **Cuprofix Ultra**
 - Copper Sulfate
 - Bacterial Blight, Downey Mildew, Purple Blotch
 - 1.25 – 2.5 pounds/acre
- ▶ **Mircothial Disperss**
 - Micronized Sulfur
 - Powdery Mildew 3–10 pounds/acre
- ▶ **Penncozeb**
 - Botrytis, Purple Blotch, Neck Rot, Rust, Downey Mildew
 - 2–3 pounds/acre

Fungicides Cont...

- ▶ **Manzate Pro-Stick**
 - Botrytis, Neck Rot, Purple Blotch, Downey Mildew
 - 3 pounds/acre
- ▶ **Meteor**
 - Iprodione – similar to Rovral
 - Botrytis, Purple Blotch, Neck Rot, Stemphylium
 - 1.5 pints/acre
 - 1.0 pints/acre when tank mixed

Herbicides

- ▶ Collide
 - Oxyfluorfen – similar to Goal
 - Pre and post emergent activity, depending upon rates.
- ▶ Ethetron



- ▶ Ethofumesate – similar to Nortron SC
- ▶ UPI will continue to support onion labeled use.
- ▶ Labeled on garlic, but not a recommended use.
- ▶ Use 16–32 ounces depending on use and soil type.



Thank You!

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