California Garlic and Onion Symposium

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United Phosphorus Inc
Products Registered on Garlic and Onions

- Cuprofix Ultra 40 Disperss
- Collide
- Assail 70WP
- Meteor
- Lambda-Cy
- Manzate Pro-Stick
- Microthiol Disperss
- Penncozeb
- Ethotron
Insecticides

- **Assail**
  - Registered for control of thrips
    - 30SG – 5.0–8.0 ounces/acre
    - 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

- 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

- **Microthial 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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