

WELCOME TO THE 2011 CALIFORNIA GARLIC & ONION SYMPOSIUM

Kevin Lehar
Chairman

California Garlic & Onion Research Advisory Board



The CA Processed Onion and Garlic Industry

- Garlic

- Estimate 17,500 for 2011 crop
- 91% of total US production
- 95% Fresno, Kern, Kings Counties
- 65% processed
- Farm gate value \$190 million
- Ranks 35th in state crop value

- Onions

- 49,000 acres statewide (rank 29th in state crop value)
- 22,500 processing onions
- Also grow in AZ, NV, OR
- ~50% of production processed
- Farm gate value processed onions \$120 million
- * Based on 2009 Ag Commissioner's Data

FORMATION OF MARKETING ORDER: MEMBERSHIP

- All fresh, dehydrated and processed garlic
- All processed onions
- All seed onion and garlic growers
- Areas include Southern desert, San Joaquin Valley and Tulelake production regions
- **CURRENT MEMBERS:**
Sensient Dehydrated Flavors, Christopher Ranch, Harris Fresh, Sequoia Packing, The Garlic Company, Olam Spices and Vegetables, George Chiala Farms and their growers

RESEARCH BUDGET

Commitment to Generate
\$100K per year for :

- White rot research
 - Conventional and Biopesticide research
 - Application technology
 - Biotech project w/New Zealand Institute for Crop Research
- Solutions to other pest problems:
 - Garlic Rust
 - Iris Yellow Spot Virus
 - Bulb mites
 - Nutsedge and bindweed



2010 Research Projects

WHITE ROT

- Davis/Ferry (UCDavis)-
Sensitivity of white rot to various fungicides
- BoMing Wu (Oregon State)
New strategies for managing white rot
- Giles/Moules (UCDavis Ag Engineering)
Machinery development for chemical placement white rot products
- Turini (UCCE Fresno)
Fungicide applications through drip irrigation for white rot
- Eady (New Zealand Crop & Food Research)
Biotech development white rot resistance

2010 Research Projects

- **INSECT CONTROL**

- Rob Wilson/Larry Godfrey (UC IREC/ UC Davis)

Seed corn maggot control with seed treatments

- Mary Ruth McDonald (Univ. of Guelph, Ontario)

Seed treatments for control of maggots on onions

- Hanu Pappu (WSU)

Management of Iris Yellow Spot Virus and thrips in onions

- Steve Orloff/Larry Godfrey (UCCE Siskiyou Co./UC Davis)

Thrips management in Klamath Basin

- Eric Natwick/Donna Henderson (UCCE Imperial Co.)

Management of IYSV and thrips in onions

2010 Research Projects

- Weed Control

- Rob Wilson (IREC)

- Herbicide programs for weed control in processed onions*

RESEARCH FUNDING 2005-2011

- WHITE ROT RESEARCH
 - \$331, 900

- ONION THRIPS, WEED CONTROL & RUST/DISEASE MANAGEMENT
 - \$129,070

Six year total \$460,970

REGISTRATION ACTIONS

- **CAGORAB/Industry Partnerships**
 - Cannonball (fludioxonil)
worked with IR-4 and Syngenta to obtain soil/in-furrow label for white rot
 - Endura (boscalid) from BASF –
provided efficacy data to support CA registration currently under review
 - Touchdown Total (glyphosate) from Syngenta-
provided efficacy and residue data and justification for SLN (Sec. 24(c)) under review
 - GoalTender Herbicide (oxyfluorfen)
worked with Dow to maintain use on onions first leaf

OUTREACH ACTIVITIES

- **Member CA Specialty Crops Council**
23 members with 18 commodity groups from bees to peppers to peaches and prunes
Member and Chairman of CSCC Research Committee
- **Member of CDFA Office of Pesticide Consultation & Analysis (OPCA) Advisory Committee**
Participating with SureHarvest in a CDFA Specialty Crop Grant for Sustainable Ag.

OUTREACH ACTIVITIES

- Participated in Washington DC meeting with USDA, Dept. of State, and EPA Office of Pesticide Programs.



OUTREACH ACTIVITIES

- Participated in Minor Crops Tour with 48 participants from USDA, EPA, CDFA, CA DPR, IR-4, Cal Poly, UC Davis and UC IPM.



CRITICAL ISSUES FOR INDUSTRY

- Water
 - Cities versus Agriculture
 - Endangered species (Delta smelt)
- Environmental Issues
 - Clean Water Act
 - VOCs (Clean Air Act)
 - Endangered species
- Foreign competition
 - China, India, Argentina
- Anti-Ag sentiment
 - Federal and State Governments
 - US EPA and CAL EPA
- Loss of funding for University Extension Agents

CAGORAB CORE OBJECTIVES

- Reinststate White Rot Master Plan
 - *Industry agreed to guidelines for preventing further spread of white rot*
- Consider new integrated strategies, including biotech, biopesticides, and cultural control to manage white rot
- Expand scope of Research Board to Include All Allium Crops
 - *Ask dry bulb industry to participate on ad hoc basis for non-white rot problems*
 - *Provide a unified voice for CA Allium production*
- Update Research Objectives with Input from All of Allium Industry

WELCOME TO :

WWW.CAGARLICANDONION.COM



California Garlic & Onion
Research Advisory Board

1629 Pollasky, Suite 111
Clovis, CA 93621
559.297.9322



[about](#) | [contact](#) | [resources](#) | [calendar](#) | [links](#)

About



Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla fermentum, nulla a luctus fringilla, odio risus vestibulum leo, ut malesuada purus magna sit amet purus. Aliquam non eros eget nisl pharetra venenatis. Aliquam erat volutpat. Donec pretium blandit nisl. Pellentesque nunc eros, sollicitudin euismod, imperdiet at, dignissim ac, ipsum. Nunc et orci. Aenean auctor lorem id massa. Vivamus rhoncus, leo non fermentum aliquam, eros mauris ultrices sem, quis feugiat arcu tellus in arcu. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Donec blandit nisi id sapien. Phasellus sit amet pede. Pellentesque quis nunc vel erat rhoncus gravida. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris enim leo, tempus quis, tincidunt ut, sollicitudin eget, tortor. Sed quis arcu. Sed sit amet lacus. Suspendisse ullamcorper dapibus mauris. Maecenas cursus enim id tellus. Praesent et augue iaculis nibh pharetra gravida.

In et urna. Vestibulum porttitor elementum diam. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Nam mollis vehicula urna. Maecenas dapibus lobortis ante. Donec vitae massa non ante ultrices iaculis. Donec et sapien. Curabitur sagittis tempus diam. Sed ac ante pretium nulla convallis suscipit. Nulla blandit odio cursus felis vehicula condimentum. Nunc turpis nibh, scelerisque vitae, tincidunt quis, pellentesque ut, nulla. Quisque rhoncus, tellus id suscipit tincidunt, orci velit facilisis felis, sed auctor urna erat eget nibh. Sed molestie nisl quis dui. Donec ut elit eu erat blandit consectetur. Duis sem diam, eleifend quis, pulvinar at, dignissim nec, dui. Mauris condimentum. Nullam at nulla.





QUESTIONS???

**THANKS FOR YOUR INTEREST
AND SUPPORT!**