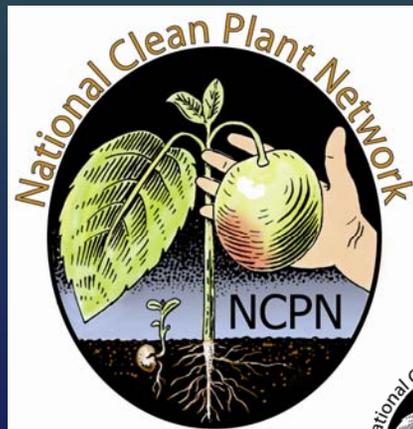


National Clean Plant Network (NCPN)



Ken Rauscher

*Pesticide and Plant Pest Management
Division*

FARM BILL 2008



Food, Conservation, and Energy Act of 2008 Sec. 10202 ***National Clean Plant Network – Program Background***

- Establishment - USDA shall establish 'Nat'l Clean Plant Network' for pathogen diagnosis and **elimination**
- Products - Clean plant material made available to States for **certification programs**; and to private nurseries/producers
- Consultation - Consult w/State Depts. of Agric. and Universities; **governance**
- Cooperation - Use **existing** Federal/State clean plant centers
- Funding - **\$5m/yr. x 4 years (\$20m total) till expended**



United States Department of Agriculture
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Plant Protection and Quarantine



What is the National Clean Plant Network (NCPN) Mission

NCPN Mission

The NCPN provides high quality asexually propagated plant material free of targeted plant pathogens and pests that cause economic loss to protect the environment and ensure the global competitiveness of specialty crop producers.

June 2010



IMPORTANT

Key NCPN Principle

NCPN identifies and supports
a small but appropriate number
of stakeholder selected,
nationally focused clean plant centers
that serve as centralized, cost effective 'HUBS'
to diagnose and 'clean' material and
provide starter material
to industry and the States

How Does the National Clean Plant Network (NCPN) Function

- Networking
 - Program Governance
 - National and Crop Specific
 - Process Harmonization
 - Standards Development
- Collaboration and Program Links
 - External Entities
 - States, Universities, Industry
 - Internal Programs
 - Permitting and Facilities Assessments
 - Post-Entry Quarantine
 - Accreditation and Certification
- Diagnostics and Therapy
 - Small Quantities
 - Importation and Diagnostics
 - Foreign Importations
 - Domestic Germplasm
 - **Clean-Up / Therapeutics**
- Foundation/Nuclear Blocks – G1
 - Immediate Industry Needs

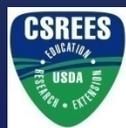


NCPN – A Brief History > 2005-2010

- 5 Existing U.S. Clean Plant Programs met at UC-Davis in 2005 to Discuss Early NCPN goals
 - Establish Regional Clean Plant Centers
 - Initially focus on fruit crops
 - **Secure Sustainable Funding**
- NCPN Steering Committee formed in 2006
 - Identify and draft initial NCPN goals/objectives
 - Report on history of existing clean plant programs
 - Propose national workshop with a broader audience
- NCPN Workshop – May 2007
 - Discuss/refine goals and objectives
 - Draft Mission and Vision Statements
 - Draft a Strategic Plan
- NCPN Implementation 2008
 - NCPN 'Federal' MOU Developed
 - Farm Bill 2008
 - **Stop-Gap Agency Funding Sources**
- NCPN Governance Formation 2008-2009
 - Core Working Group and Tier 1 National Body
 - Tier 2 Commodity Bodies Chartered
 - Grapes (Table, Juice, Raisins, and Wine)
 - Tree Fruits (Pomes and Stone Fruits)
 - Tier 3 Regional Bodies Chartered
 - Grapes
- NCPN General Meeting – March 2009
 - National Governance Body Roll-Out
 - Develop and Ratify a Business Plan
 - **NCPN Cooperative Agreement Funding Program Announced**

NCPN MOU

- Lays NCPN Foundation at Federal Level
 - Program Goals and Governance
 - 3 Agency Partners >>> APHIS / ARS / CSREES (NIFA)
- Suggests Direction for Crop Specific Programs
 - Fruit Trees, Grapes, Citrus, Berries, Hops, *others*
- Signed at NCPN General Meeting
 - US Nat'l Arboretum
 - March 26, 2009



Dr. Meryl Broussard, NIFA



Mr. Kevin Shea, APHIS



Dr. Edward Knipling, ARS

NCPN – A Brief History > 2005-2010

(continued)

- NCPN Cooperative Agreements Program Initiated - 2009
 - **Competitive Request for Proposals (RFP) Issued June 2009**
 - Proposals Received, Reviewed and Funded Sept. 2009
 - \$3.1 million total provided via to 5 stakeholder clean plant centers



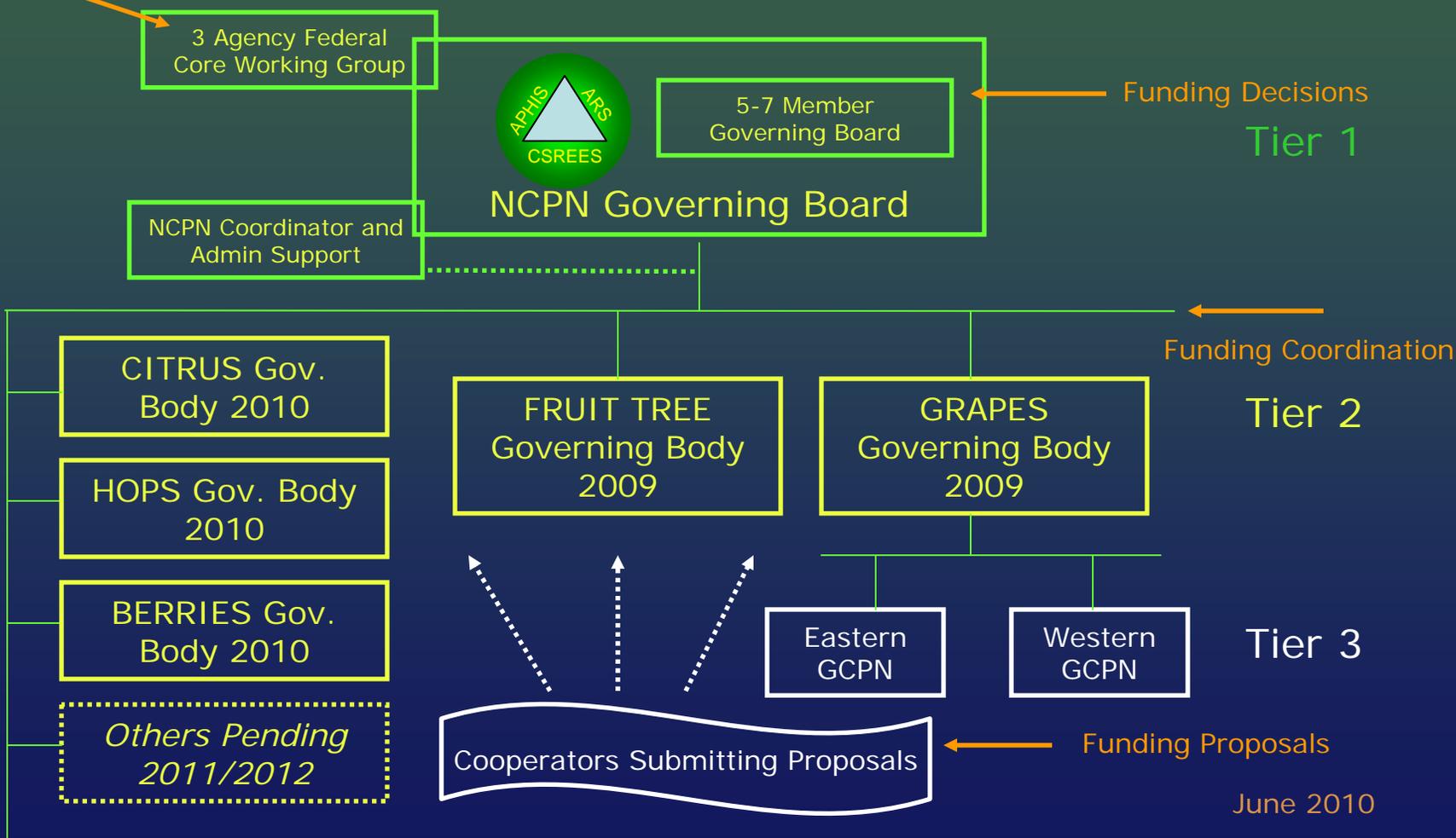
- NCPN Governance Formation 2010 - *New*
 - Tier 2 Commodity Bodies Forming
 - Citrus (Fresh Fruit, Juicing, Ornamentals)
 - Hops
 - Berries (Strawberries, Blueberries and Cranberries, Bramble Fruit, *others*)

- **NCPN 3rd General Stakeholders Meeting 2010**
 - **Davis, California >>> May 11-13, 2010**
 - Long-Term Center Sustainability
 - Education / Outreach Program
 - **Opportunity for Stakeholders to Discuss RFA**

- NCPN Cooperative Agreements Program Continued - 2010
 - **Competitive Request for Proposals (RFP) Issued April 22nd 2010**
 - About 10 Funded Proposal Anticipated
 - Over \$5 million (**including 'carryover' funds**)
 - **Proposals Due June 18th 2010**

NCPN Governance – May 2010

Funding Obligation



June 2010



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NCPN CWG and Tier 1 Governance and Support

Core Working Group

Murali Bandla – APHIS

Robert Johnson - APHIS

Tom Bewick – CSREES

Gail Wisler - ARS

National Governing Body Tier 1

Ken Rauscher – MI

Tom Wessels – WA

Wayne Dixon – FL

Joseph Postman – ARS

Bill Dickerson - APHIS

NCPN Coordination / Support

Erich Rudyj – APHIS

Tammy Kolt - APHIS

USDA Office of the Secretary

Karen Grillo – USDA/OSEC

June 2010

NCPN Program Funding Update – FY 2009

- Washington State Univ. – Prosser
 - Clean Plant Center for the PNW
 - Fruit Trees and Grapes
 - Deliverables 2009/2010
 - 75 'Clean' Accessions
 - *Funding - \$1,380,000*
- Univ. of California - Davis
 - Foundation Plant Services
 - Grapes and Fruit Trees
 - Deliverables 2009/2010
 - 65 'Clean' Accessions
 - *Funding - \$1,035,000*



June 2010

NCPN Program Funding Update – FY 2009

- Cornell Univ. – Geneva (NY)
 - NE Regional Clean Plant Program
 - Grapes
 - Deliverables 2009/2010
 - 10 ‘Clean’ Eastern Grape Selections
 - *Funding - \$265,000*
- Missouri State Univ.
 - Midwest Grape Foundation
 - Grapes
 - Deliverables 2009/2010
 - 7 ‘Clean’ Heartland Grape Selections
 - *Funding - \$230,000*



NCPN Program Funding Update – FY 2009

- Clemson Univ. (SC)
 - SE Peach Budwood Program
 - Fruit Trees
 - Deliverables 2009/2010
 - 4 New 'Clean' Varieties and Blocks for Budwood
 - *Funding - \$230,000*





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Impacts for Michigan

1. Participation and development of virus free national certification standards for stonefruit.
2. Access to virus free stonefruit foundation material.
3. Access to virus free grape foundation material and therapy services
4. Participation in development of virus free national certification standards for berries.
5. Access to virus free berry foundation material and therapy services.