National Clean Plant Network (NCPN) History & Update

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Eastern Grape Network meeting October, 2008
History

- National Grape and Wine Initiative for industry-driven partnership with academic and government agencies to promote research and extension

- Fruit tree industry from Western states joined hands to obtain sustainable funding for NRSP-5 program at Processor, WA
Quality - NGWI Research Priorities

1.2.1 Establish a National network to provide growers with a broad range of disease free grape varieties, root stocks and clonal materials which have been evaluated for *regional* stability and quality attributes.

- National Clean Plant Network
- National Grape Registry
- NE1020
History

- The first meeting was held at FPS, UC Davis during the year 2005: The group agreed to work together towards.
- Formation of National Clean Plant Network (NCPN) for all asexually propagated crops with a primary emphasis on fruit crops.
- Establishment of regional centers and share resources to be more responsive for local grower needs.
- Work towards obtaining sustainable funding.
History

- Steering committee formed in September, 2006
- Draft of initial goals and objectives were identified by December, 2006
- A report on history of existing clean plant programs was created
- A national meeting is proposed to discuss the initial draft with a broader audience
Existing clean plant programs fruit trees, nut trees, and grapevines

NRSP 5; Northwest Grape Foundation services, Prosser, WA

Foundation for Plant Services, UC Davis

Missouri State University

Cornell University, NY

Beltsville, MD

Mid Atlantic Grape Foundation

Clemson University, SC
NCPN Workshop May 8-9, 2007. Riverdale, MD

- Draft of goals and objectives were discussed in break-out sessions
- NCPN goals were redefined
- A draft of mission and vision statement developed
- A draft of strategic plan was developed and is distributed to the stakeholders for review
- Draft will be finalized by December, 2008
NCPN Strategic Plan

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.
The Food, Conservation, and Energy Act of 2008 Sec. 10202

- Secretary shall establish a “National Clean Plant Network” to (1) produce clean propagative material and (2) maintain blocks of pathogen-tested plant material throughout USA.

- Specialty crops defined as fruits and vegetables, tree nuts, dried fruits, horticulture and nursery crops, including floriculture.

- Clean plant material made available to: (1) a State for certification programs; and (2) private nurseries and producers.

- Shall consult with State Departments of Agriculture and Universities; seek input from industry representatives, and use existing Federal or State facilities to the extent practical.

- Funding – Commodity Credit Corporation - $ 5,000,000 annually for each of 4 years (2009 - 2012); available until expended.
APHIS Initiative, 2008

PPQ has secured small amount of funding in early FY 2008 via the Agriculture Quarantine Inspection (AQI) Program to ‘Jump-Start’ early NCPN program activities

Early APHIS NCPN program focus is to be:

- Grapes and Stone Fruits - Limited to ‘Quarantine’ activities
- Available funding amount: About $750,000
WA State Univ. Initiative, 2008
Stone Fruit and Pomes

Program Name:
- National Virus Tested Fruit-Tree Program [NRSP-5] > WSU Prosser

Program Importance:
- Primary source for virus tested Stone and Pome fruits in the USA

Reason for APHIS support
- Existing CSREES funding source set to expire soon
- Maintaining high degree of Stone/Pome fruit national disease-free status
  - Process about 100 new plant accessions annually
  - Provide ‘back-up’ support for ongoing USDA activities

APHIS Funding Consideration for FY 2008 - $225,000

Clemson Univ. Initiative, 2008
Stone Fruit and Pomes

Program Name:
- Southeastern Budwood Program; Clemson Univ., South Carolina

Program Importance:
- Primary source for virus tested Peach Tree Budwood for the SE USA

Reason for APHIS support
- Locally recognized and respected authority in disease management
- Maintaining high degree of Stone/Pome fruit national disease-free status
  - Test at least 40 blocks of budwood trees for certain viruses
  - Provide ‘back-up’ support for ongoing USDA activities

APHIS Funding Consideration for FY 2008 - $49,980
**UC/Davis Initiative, 2008**  
**Grapes**

**Program Name:**
- Foundation Plant Services
  Grapevine Importation Program

**Program Importance:**
- Key importation, quarantine, testing, and therapeutic facility for grapevines entering the USA

**Reason for APHIS support**
- Expand support to industry for importation of new cultivars and rootstocks
  - Process about 200 foreign grape selections awaiting testing and therapy
  - Explore new methodologies to decrease processing time

**APHIS Funding Consideration for FY 2008:** $345,000

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**Cornell U. (NY) Initiative, 2008**  
**Grapes**

**Program Name:**
- Quarantine Program and Exclusion of Foreign Pests - Cornell University

**Program Importance:**
- Key importation, quarantine, testing, and therapeutic facility for grapevines entering the USA; East coast

**Reason for APHIS support**
- Expand support to eastern grape industry for importation of suitable, cold-weather cultivars and rootstocks
  - Import grape accessions from foreign sources
  - Test grape material for viruses/diseases
  - Eliminate viruses and make material available for field use

**APHIS Funding Consideration for FY 2008:** $111,150
National Clean Plant Network Governance

Dr. Murali Bandla

Director, Plant Safeguarding & Pest Identification, APHIS
National Clean Plant Network Governance – National (Primary or Tier-I)

USDA NCPN-CWG

- MOU between APHIS, ARS and CSREES finalized
- Each agency provides their own resources

August 2008
Proposed USDA NCPN-MOU

USDA Partners - Core Working Group
- APHIS - Quarantine Programs, introductions
- ARS - Research activities
- CSREES - Outreach initiatives

Purpose
- One USDA mission support
- Comprehensive NCPN program
- Synergize and share resources
- Stakeholder focal point
National Clean Plant Network Governance – National (Primary or Tier-I)

USDA Inter-Agency MOU - CWG

- Defines the roles and responsibilities of each agency
- Chair and vice-chair rotation on one year term
- CWG appoints seven federal/state members to form NCPN governing body
- Can Veto the Governing body recommendations
- Meets four times a year
- NCPN National Coordinator manages the CWG

August 2008
Current status

Core Working Group (CWG)

- Murali Bandla – APHIS
- Tom Bewick – CSREES
- Gail Wisler – ARS

Inter-Agency MOU is under final review

NCPN website is up and running

NCPN email Listserv is in place
United States Department of Agriculture
Animal and Plant Health Inspection Service

Plant Protection and Quarantine

Plant Health Programs • Plant Safeguarding & Pest Identification

National Clean Plant Network Governance – National (Primary or Tier-I) ....Pending

NCPN Governing Body

- Invited members (7) must be state or federal employees and have voting rights
- SME can be non federal or state employees with no voting rights
- Invites proposals for funding
- Makes the funding distribution decisions among the commodity clean plant networks
- CWG has no voting rights but can veto the governing body recommendations

August 2008
National Clean Plant Network Governance – Secondary or Tier -II

Commodity based Networks - Governance

- Fruit Tree Clean Plant Network (FTCPN)
- Grape Clean Plant Network (GCPN)
- Other?

August 2008
Summary of NCPN Governance

NCPN Governing Body

Tier 1

- CWG

Tier 2

- Fruit tree CPN Governing Body
- Grape CPN (GCPN) Governing Body

Tier 3

- Eastern GCPN
- Western GCPN

No Regional networks at this time

August 2008
National Clean Plant Network Governance – Tier II

Fruit Tree Clean Plant Network (FTCPN)

- NRSP -5, Prosser, WA
- Foundation Plant Services, UC Davis
- PGQP, PPQ
- Clemson, SC
- Mother Blocks

No Tier - III

August 2008
National Clean Plant Network Governance –Tier II Fruit Tree Network (FTCPN)

Voting members (9): Industry (two producer/growers, one nurserymen), Academic institutions (one extension and one research); State department of agriculture (Three National Plant Board nominees) and one Crop Germplasm committee (ARS)

Non voting members: APHIS observer (1), NCPN governing body observer (1), SMEs as required.

- Elects Chair and Vice-Chair (May be drawn at large or from the above group)
- Term Period of two years, Election every two years for Vice-Chair
- Send representative for NCPN Governing body
- Identify the priorities and allocate funding received from NCPN
- Meets twice a year

August 2008
National Clean Plant Network Governance – Secondary/Tier –II
Fruit Tree Network (FTCPN)

- Subject matter experts (SME) for Research, Education, Extension & Outreach, Diagnostics, Quality control, Certification programs etc.
- SMEs can be tasked with funding proposal reviews.
- Headquarters proposed at Prosser, WA with one full-time administrative help.
- Nominations are in place.

August 2008
Current status

**Fruit Tree Clean Plant Network** - Governance in place

**Chair** – Ken Eastwell, WSU

**Vice-Chair** – Simon Scott, Clemson

**Industry**
Chalmers Carr (large peach grower from SC)
Robert Woolley (Dave Wilson Nursery, CA also CDFA-IAB representative)
Lynnell Brandt (Brandt’s Fruit trees, Parker, WA)

**State Regulatory**
Ruth Welliver, PA
Nancy Osterbauer, OR
Christel Harden, SC

**University**
Steve Hoying (Extension, Hudson valley, NY)

**Crop Germplasm Committee (CGC-ARS)**
Joseph Postman, OR
National Clean Plant Network Governance
Grape Clean Plant Network (GCPN)

Grape Clean Plant Network (GCPN) Tier II

Western Grape Clean Plant Network (Tier III)
- Northwest Grape Foundation services, Prosser, WA
- Foundation Plant Services, UC Davis

Mid Atlantic Grape Foundation
- Cornell University, NY

Texas A & M

Eastern Grape Clean Plant Network (Tier III)

Mother Blocks

July 2008
National Clean Plant Network Governance - Tier III
Grape East and West Regional Networks

Voting members: Industry (2 growers, 2 nurserymen), Academic institutions (1 extension, 1 research); State department of agriculture (2-3)

Non voting members: APHIS observer (1), NCPN governing body observer (1), CGC curator (1), SME as required.

- Elects Chair and Vice-Chair with no voting rights except to break a tie
- Term Period of two years, Election every two years for Vice-Chair
- Send representatives (4) for GCPN Governing body – Tier II
- Identify the priorities and allocate funding received from NCPN
- Meets twice a year

August 2008
National Clean Plant Network Governance - Tier III
Grape East and West Regional Networks

- Subject matter experts (SME) for Research, Education, Extension & Outreach, Diagnostics, Quality control, Certification programs etc.
- SMEs can be tasked with funding proposal reviews
- Western network governance body was elected and in place
- Eastern planned at the meeting at Geneva, NY on Oct 8.

August 2008
Grape Clean Plant Network (West) Governance in place

Chair - Deborah Golino, Foundation Plant Services, UC Davis (CA)

Vice-Chair - Bob Martin, USDA/ARS, Corvallis (OR)

Industry

- Grower from California - Phil Freese, Wine Grow, Healdsburg (CA)
- Nursery from California - Dan Martinez, Martinez Orchards, Winters (CA)
- Grower from the Northwest - Tedd Wildman, Stone Tree Vineyard (WA)
- Nursery from the Northwest - Cathy Caldwell, Bailey Nurseries, Yamhill (OR)

State Regulatory –

- California - Mike Colvin, California Department of Food & Agriculture (CA)
- Oregon - Jan Hedberg, Oregon Department of Agriculture (OR)
- Washington - Tom Wessels, Washington Department of Agriculture (WA)

University – Extension - Rhonda Smith, University of California Viticulture Farm Advisor, Sonoma County (CA)

University – Research - Ken Eastwell, Department of Plant Pathology/IAREC, WSU (WA)
National Clean Plant Network Governance - Tier II
Grape Clean Plant Network (GCPN)

- Subject matter experts (SME) or committees for Research, Education, Extension & Outreach, Diagnostics, Quality control, Certification programs etc.
- SMEs can be tasked with funding proposal reviews
- Headquarters proposed at FPS, Davis, CA with one fulltime administrative help.
To be done..

- Governance of Eastern network
- Selection of representatives for National grape network governance
- Selection of motherblock (G1) site for East
- Funding priorities
- NCPN certification programs – implementation plan and funding
- NCPN extension and outreach programs