



# USDA/APHIS/PPQ Molecular Diagnostic Lab (MDL) Plant Safeguarding and Pest Identification National Identification Services (NIS)

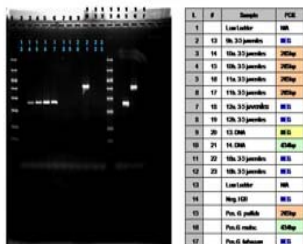


## Molecular Diagnostic Lab Staff

**Dr. Mary E Palm**  
*Lab Director*  
**Dr. Z. Gloria Abad**  
*Lead Scientist*  
**Dr. Padma Sudarshana**  
*Lead Scientist*  
**Two Support Scientists**  
March 2007  
**One Biological Technician**  
May 2007



Potato Cyst Nematode: *Globodera pallida*, and *G. rostochionis* detection  
Species Specific PCR

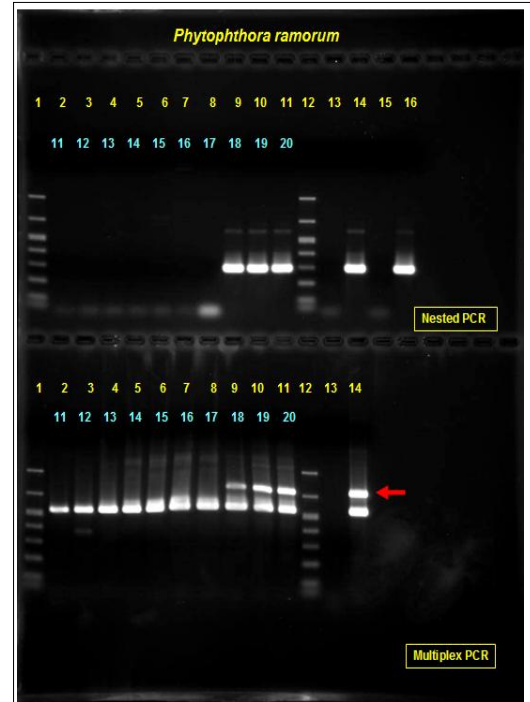


## Function related to NPDN

Molecular and biochemical diagnostics of regulatory pests such as *Phytophthora ramorum*, potato cyst nematode, Plum pox virus, citrus canker, and citrus greening, using validated and PPQ approved methods.

## Why the change?

- To bring the operational molecular diagnostics into NIS, thereby consolidating all PPQ operational diagnostics of regulatory pests in one branch.
- To facilitate effective use of CPHST resources for Method Development



SOD.S3.G5.2.11to20.11.7.06

## What this means to the NPDN

- Continued strong working relationship between PPQ and NPDN
- Centralized operational diagnostics and communications
- Send alert of sample submission to [Mary.Palm@aphis.usda.gov](mailto:Mary.Palm@aphis.usda.gov)
- Send morphological and molecular samples to the following attention and address:

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