



2005 Annual Meeting State reports

Virginia- Oak decline in trees of various ages. No weeping cankers. Does not look like bacterial wet wood, does not test out to SOD.

Florida- Provisional approval for greening, SOD & SBR. Last month USDA sent over two units to run greening samples. Went over to PDIS this year in July, working well for main clinic, 4 more to be brought online.

Puerto Rico- Samples are now coming in from growers there is a 10 dollar charge for samples, Hired a new pathologist (virologist) from Brazil who will join next month, New diseases and insects will be discussed in her report tomorrow, this has been the first year of SPDN in PR, starting a database this year.

Kentucky- Looking for database solutions, they have been using Access in the lab, 1+ years on the digital system now using it to improve communication with agents. Molecular diagnostics beginning with real-time PCR. They will have another 3 day PCR workshop to teach new cloning & sequencing techniques needed for virus detection.

South Carolina - Improving Clinic. Agroterrorism prevention remains a focus. Now trying to improve lab & PCR. New emergency response team & mobile response unit. 2nd year with new database and reporting system. Change to DDIS. SBR & SOD mid August 1st positive rust positive. One positive for SOD in a nursery. 1st report of soybean *Rhizoc* foliar blight for SC.

Mississippi - New Equipment in SBR testing with real time PCR & ELISA. Sentinel plots & early soy harvest no real SBR problem. Database use improving. Using Tom Creswells NC State database. Everyone likes the database & email reports. Working on a homeowner fungicide database.

Georgia- Several locations with SOD. Working on trace back investigations. Soil and water samples & new baiting techniques. PCR. Enhanced communication. Developed a biosecurity unit.

Arkansas- Plant Disease Clinic needs a new diagnostician. Major SBR work, 3 million samples screened. Many 1st detectors trained. Soy plot monitoring system, No + SBR. IT specialist developing a better database. PCR aquired using external funding. Realtime PCR for clinic. Trying to link with nematode clinic. Last state to get a department of agriculture. Started this year beginning to work with SDA.

Tennessee- SBR training 250+ people in 4 locations. More intense training for county faculty. Spring and Fall survey for SBR PCR and ELISA positives. Looking for an insect identifier and a new pathologist.

Texas- Good Funding 80K 32 place real time PCR system, Contracted with Frito-Lay to work on potato problem (Zebra chip virus) pierces disease and leaf scorch. Continue to enhance database. Resolve data issues with SPDN. Digital image of every specimen to record features of samples. Initial website is called "See what we saw at the Texas diagnostics labs" New microplate washer, biosecurity hood, possible relocation in the next year. Certification issues received for new move. No positives for SBR No SOD testing this year, forest pathologist doing all SOD. New bacterial Fatty Acid profile called StrainTracker. Improving Xylella detection.

North Carolina- APS crop biosecurity meeting. New microscope and LCD projector. Helped develop first detector training modules. Trained 86 first detector trainers. Data system modification of sample and reporting system. Functioning diagnostics system New Abiotic and insect problems. Enhanced Biolog system, 2 new digital cameras. New bark beetle key. SBR exercise for a pest of concern seminar. No SBR in NC yet.

Louisiana- New Diagnostician. PCR system with SPDN \$. Found SBR first. Began sentinel plot system 150 sites across state. No SBR this year. Still looking. SOD sample sent to a Phytophthora expert 75 agents trained in two trainings. 250 consultants 3 half day sessions for 200+ people. Eny lab. 2 new families 7 new genera CAPS program began. Scale program funded by Nursery assn. Hurricanes spread Mexican rice worms. Problem in rice and sugarcane. Africanized honey bees in 2 locations.

Alabama- Auburn and Birmingham clinics. SPDN \$ in 4 different areas. Equipment, travel, wages and maintenance. PCR equipment real time assays. Data system started still no link to SPDN. Network problem. 2004 agent training. 265 SOD samples 53 ELISA positives 51- for P.r. SBR found in Baldwin county on the gulf side. Second found in late June. In 26 counties by August. Hot & Dry temps not good for rust development.

Kentucky- Training for agents, master gardeners, forest service, Did a forest survey for SOD. 2 ELISA positives sent to Beltsville for approval.