

**CAPS**  
**2nd Quarter Report**  
**October, November, December 2007**

**Kansas Department of Agriculture**  
**Cooperative Agreement 07-8453-0014-CA**

The effective dates for this cooperative agreement are July 1, 2007- June 30, 2008, Kansas fiscal year.

This report summarizes the activities conducted during the agreement's second quarter, October 1, 2007 through December 31, 2007. Each project is discussed separately below.

**Core**

On October 4-5, Bill Scott and Laurinda Ramonda participated in the Wolf Creek Nuclear Plant Emergency Response exercise. We are located in the Crisis Response Center (CRC) located at the Mills Building in Topeka. This mock exercise is in preparation for the licensing exercise to take place in November for Wolf Creek.

The H.I.S. (Horticulture Inspection Society) Central Chapter annual meeting was held in Fargo, North Dakota on October 15-18. Laurinda Ramonda, Bill Hilbert, Tom Sanders, Bob Buhler and Terry Clarkson attended. The meeting was very informative. Talks consisted of the needle cast disease *Stigmata lautii*, the European Wood Wasp, *Sirex noctilio*, *Sphaeropsis* shoot blight, hardy landscape plants and physiological problems of woody plants. This meeting also was good for networking with other states. Slide presentations from other states in the evening were very useful.

The last mock Wolf Creek drill before the licensing exercise was held October 18-19. Bill Scott and Kitty Crooks attended on the 18<sup>th</sup> and Laurinda Ramonda attended on the 19<sup>th</sup>.

The Wolf Creek licensing exercise was held on November 6-7. Bill Scott and Laurinda Ramonda attended. The Agriculture Crisis Response Center (Ag CRC) went well and a part of the exercise even involved the Plant Protection program. Bill had to speak on the phone with a supposed farmer about getting an inspection for a phyto.

On November 8, Laurinda Ramonda attended the Kansas Fruit Growers Association Fall Field Day. Attendance was good and the talks were informative which included raspberry and blackberry management, growing small fruit in high tunnels, pruning and managing peaches, and colony collapse disorder. The afternoon was spent at Rees Fruit Farm and Orchard with a tour and demonstrations on pruning peach trees and brambles. I spoke with several growers and the USDA risk management specialist during this event.

Kitty Crooks and Laurinda Ramonda met with Anastasia Becker (MO CAPS coordinator) and Sarah Phipps (MO Export Specialist). We traveled to the Missouri Department of Agriculture in Jefferson City, Missouri on November 20 and met with them that afternoon and returned on November 21. We spoke about differences and possible improvements in our programs. It was a very good meeting with beneficial information shared between us.

December 4-5 was our department's staff meeting. December 4<sup>th</sup> was CPR and first aid training and December 5<sup>th</sup> was our administrative meeting. Laurinda Ramonda and Jon Appel will be involved in updating the KS Bio-Security Response plan and Laurinda Ramonda and Glenn Salsbury will be updating an Emerald Ash Borer Action Plan.

On December 6, Laurinda Ramonda, Bill Scott, Glenn Salsbury and Jon Appel met with the Kansas Division of Forestry. Our meeting was for planning the multi-state Great Plains Initiative on the Emerald Ash Borer. Also we are planning on writing a work plan for the national Emerald Ash Borer Survey. Both of these grants will work together.

On December 11, Jon Appel and Laurinda Ramonda spoke on the phone regarding revisions that need to be made to the Kansas Plant Resource Bio-security plan. We will be scheduling meetings with the Kansas Department of Emergency Management (KDEM) to work on this plan. It mainly needs NIMS compliance updates, other agencies added into it and other plans besides diseases added. A meeting will be planned after the 1<sup>st</sup> of the year.

### **Minutes from CAPS Committee meeting on December 19, 2007**

The state CAPS Committee met on December 19, 2007 at 1:00 pm at the Dean's Conference room, 137 Waters Hall at Kansas State University. In attendance were Erin Stiers, USDA-APHIS, Russ McKinney, USDA-APHIS, Craig Webb, USDA-APHIS, Doug Jardine, KSU Plant Pathology, Walter Fick, KSU Agronomy, Jon Appel, KDA, Megan Kennelly, KSU Plant Pathology, Glenn Salsbury, KDA, Sharon Dobesh, KSU-IPM Coordinator, Jeff Vogel, KDA, Bill Scott, KDA, Judy O'Mara, KSU Plant Pathology, and Laurinda Ramonda, CAPS coordinator.

Introductions were made and then the current surveys were discussed. The surveys are Cereal Crop Nematode to begin in April, Witch Weed was completed in August, Exotic Scarab Beetle was started with root ball surveys in October and will begin in March with new stock in nurseries, Emerald Ash Borer was done with outreach this summer and will continue this spring, and Karnal Bunt will begin when wheat harvest starts.

State specialists gave updates on their projects. Jeff Vogel talked about the Witch Weed survey and it encompassed 93 of the 105 Kansas counties of sorghum and corn. The results showed that all fields were negative of Witch Weed and the data was uploaded to NAPIS with their GPS readings.

Jon Appel talked about the plans for the Cereal Crop Nematode survey to begin when wheat breaks dormancy. The plan is to hire to 2 temporary employees to survey fields in the western 1/3 of the state between March and May. Approximately 700 samples will be taken and GPS readings will be used for the locations. It was also mentioned that it would be a good idea to create a fact sheet for what we a looking for.

Glenn Salsbury talked about the fall root ball survey which yielded some chafers. This will continue in the spring when new stock starts to arrive at the live plant dealers. He also told about collecting 12 bundles of firewood from dealers to try to rear insects. Five of the bundles did have bark beetles emerge.

Erin Stiers told us that the federal government is still under a continuing resolution. She also explained that the survey proposals for the next Kansas fiscal year would be operating under the 2006 budget which was less than this year. Also changes in CAPS included writing only work plans instead of proposals and work plans. Work plans must include at least 75% of pests on the national pests of concern list and 25% of pests on the state pests of concern list. She also said that data from surveys are currently being entered in NAPIS and they might be trying to push to use ISIS for national data entry of results. Work plans will become public under the Federal Funding Accountability and Transparency Act of 2006. She informed us that committees are formed to work on what data needs to go into NAPIS.

Project proposals submitted for the Kansas fiscal year, July 1, 2008-June 30, 2009 will be the 2<sup>nd</sup> year survey for Cereal Cyst Nematode (middle 2/3 of the state) and Karnal Bunt. These were the only ones submitted because of the work plans going off of the 2006 budget.

Erin and Laurinda spoke about the up coming Emerald Ash Borer Survey proposals. Forestry has a grant, the Great Plains Tree and Forest Invasives Initiative, to do outreach and inventory and we will be putting in a proposal for an Emerald Ash Borer Survey doing trapping this summer in areas where ash trees are prevalent.

We will be working on submitting our surveys on a calendar year basis for the 2009 survey year. The Core project will most likely stay on the Kansas fiscal year.

Questions arose about the Karnal Bunt survey and if we would ever stop doing it. It seems as though this will be a survey that will continue for many years because it is needed for exports and marketing.

Doug Jardine told us that Soybean Rust and Soybean Aphids were first found in sentinel plots this year. There were a total of 14 sites in 9 counties with approximately half of these being sentinel plots.

Discussion on what should be on the state pests of concern list. It was decided that Erin and Laurinda would look at what is on the surrounding states and regions lists. We would then come up with a set of criteria before deciding what should be on our list.

## **Emerald Ash Borer**

Emerald Ash Borer literature was distributed and outreach provided by Marcy Irwin to the following:

### **October 1-5, 8-12, 15-19**

- Agriculture Extension Offices in Johnson, Wyandotte, Shawnee, Miami, Saline, Chase, Dickinson, Geary, Harvey, Marion, McPherson, Jefferson, Morris, Reno and Wabaunsee counties.
- Regional Park and Wildlife Office in Topeka and Parks and Recreation Office at Lake Shawnee. Emerald Ash Borer damage identification was explained to the Park maintenance manager.
- Parks and Recreation office and Park Maintenance office in Salina.
- Parks and Wildlife office at Cheney Reservoir.

Starting in November, firewood labels were being screened by the Kansas Department of Agriculture inspectors for company names and addresses. We are updating a firewood vendor list that will be used for our own identification and also sent to Joel Bard, Acting ARD, USDA, APHIS, PPQ for reference purposes.

## **Exotic Scarab Beetle**

The fall rootball survey of plant material coming into the state is complete. Rootballs will be checked again in the spring.

### **October 1-5**

- EPIC Landscaping Productions, Gardner-Checked root balls on Black Hills Spruce (Michigan), Several Spruce (Michigan), Norway Spruce (Pennsylvania) and White Pine (Illinois)
- Lowes, Olathe-Checked root balls on White Pine (Oklahoma), Black Hills Spruce, Colorado Blue Spruce (Oregon), Arborvitae, Weeping Cherry, Red Oak, and Boxwood
- Sand Creek Nursery, Ottawa-Checked root balls on Aristocrat Pear (Oklahoma), Red Bud (Oklahoma) and Yew
- Davies Nursery, Emporia- Checked root balls on Pin Oak, Euonymus, Dwarf Burning Bush, Needlepoint Holly and Tulip Tree
- Lowes, Shawnee Mission Parkway-Norway Spruce (Michigan), Colorado Blue Spruce, Boxwood, Hinoki, False Cypress and Blue Spruce

### **October 8-12, 15-19**

- Lowes, Topeka-Arborvitae (Emerald Beauty), Weeping Cherry, Colorado Blue Spruce, White Dogwood, Vanderwolf Pine, Spartan Juniper, White Pine, Black Hills Spruce and Norway Spruce
- Lowes, Salina-Norway Spruce, Colorado Blue Spruce, Arborvitae

- Johnson’s Nursery, Wichita-Spartan Juniper, Blue Spruce, Colorado Blue Spruce, Red Maple
- Hong’s Nursery, Wichita-Various Junipers and Spruces
- John Deere Wholesale Nursery, Wichita-Arborvitae, Blue Spruce, White Pine, various Spruce
- Lowes, Wichita-Black Hills Spruce, Colorado Blue Spruce, Norway Spruce, White Pine

**Witchweed Update**

The witchweed survey concluded in August by surveying 293 sites in 93 Kansas counties. After the field survey was complete, site information was downloaded off the GPS/PDA, analyzed in ArcMap, and converted to NAPIS data format. Then, negative witchweed data was uploaded to NAPIS, including the latitude and longitude of each site location, finishing the survey.

**PROJECTS ACCEPTED FOR FISCAL YEAR July 1, 2008-September 30, 2009:**

Karnal Bunt-line item  
 Cereal Crop Nematode-2<sup>nd</sup> year of 3 year survey

**Working on Grant Proposal for:**

Emerald Ash Borer trapping survey

**Listed below are records that have been submitted to NAPIS**

**Pest:** WITCHWEED

	Positive	Negative
ALLEN County	0	1
ANDERSON County	0	1
ATCHISON County	0	1
BARTON County	0	3
BROWN County	0	4
BUTLER County	0	1
CHEROKEE County	0	2
CHEYENNE County	0	2
CLAY County	0	3

CLOUD County	0	4
COFFEY County	0	1
COWLEY County	0	2
CRAWFORD County	0	1
DECATUR County	0	5
DICKINSON County	0	4
DONIPHAN County	0	2
DOUGLAS County	0	3
EDWARDS County	0	2
ELK County	0	1
ELLSWORTH County	0	4
FINNEY County	0	10
FORD County	0	7
FRANKLIN County	0	1
GEARY County	0	3
GOVE County	0	4
GRAHAM County	0	5
GRANT County	0	3
GRAY County	0	4
GREELEY County	0	4
GREENWOOD County	0	1
HAMILTON County	0	6
HARPER County	0	1
HARVEY County	0	3
HASKELL County	0	3
HODGEMAN County	0	4
JACKSON County	0	2
JEFFERSON County	0	2

JEWELL County	0	3
KEARNY County	0	6
KINGMAN County	0	2
KIOWA County	0	2
LABETTE County	0	2
LANE County	0	4
LEAVENWORTH County	0	4
LINCOLN County	0	3
LINN County	0	1
LOGAN County	0	4
MCPHERSON County	0	3
MARION County	0	4
MARSHALL County	0	4
MEADE County	0	2
MIAMI County	0	2
MITCHELL County	0	2
MONTGOMERY County	0	3
MORRIS County	0	1
MORTON County	0	4
NEMAHA County	0	3
NEOSHO County	0	3
NESS County	0	4
NORTON County	0	4
OSAGE County	0	1
OSBORNE County	0	3
OTTAWA County	0	2
PAWNEE County	0	3
PHILLIPS County	0	3
POTTAWATOMIE County	0	3

PRATT County	0	4
RAWLINS County	0	2
RENO County	0	7
REPUBLIC County	0	3
RICE County	0	1
RILEY County	0	2
ROOKS County	0	3
RUSSELL County	0	3
SALINE County	0	1
SCOTT County	0	2
SEDGWICK County	0	7
SEWARD County	0	5
SHAWNEE County	0	2
SHERIDAN County	0	6
SHERMAN County	0	5
SMITH County	0	3
STAFFORD County	0	3
STANTON County	0	3
STEVENS County	0	3
SUMNER County	0	3
THOMAS County	0	8
TREGO County	0	7
WALLACE County	0	3
WASHINGTON County	0	3
WICHITA County	0	3
WILSON County	0	2
WOODSON County	0	1
<b>State Total</b>	<b>0</b>	<b>291</b>
<b>Total Counties checked-93</b>		

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**Pest:** JAPANESE BEETLE

	Positive	Negative
SHAWNEE County Traps	12	2
<b>Shawnee County Total Japanese beetles in traps - 136,960</b>		

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**Pest:** GYPSY MOTH

	Positive	Negative
CHEROKEE County	0	1
COFFEY County	0	10
CRAWFORD County	0	2
DOUGLAS County	0	2
GEARY County	0	11
JEFFERSON County	0	13
JOHNSON County	0	7
MIAMI County	0	1
MORRIS County	0	12
OSAGE County	0	20
PHILLIPS County	0	1
POTTAWATOMIE County	0	2
RENO County	0	3
RILEY County	0	10
SALINE County	0	4
SEDGWICK County	0	7
SHAWNEE County	0	6
<b>State Total</b>	<b>0</b>	<b>115</b>

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**Pest:** KHAPRA BEETLE

Positive Negative

LANE County	0	1
SHERMAN County	0	1
WALLACE County	0	1
WICHITA County	0	1
<b>State Total</b>	<b>0</b>	<b>4</b>

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**Pest:** OAK SPLENDOUR BEETLE

	Positive	Negative
BROWN County	0	1
DONIPHAN County	0	1
FRANKLIN County	0	1
MIAMI County	0	1
OSAGE County	0	1
SHAWNEE County	0	1
<b>State Total</b>	<b>0</b>	<b>6</b>

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**Pest:** ORIENTAL BEETLE

	Positive	Negative
CHEROKEE County	0	1
CRAWFORD County	0	2
GEARY County	0	1
HARVEY County	0	2
JOHNSON County	0	6
LEAVENWORTH County	0	5
MIAMI County	0	1
RILEY County	0	4
SHAWNEE County	0	9
WYANDOTTE County	0	3
<b>State Total</b>	<b>0</b>	<b>34</b>

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Negative data and records for genus level or higher are rejected as non-specific for NAPIS entry. So the exotic scarab root ball survey was not entered into NAPIS.

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**Pest:** CEREAL LEAF BEETLE

	Positive	Negative
ATCHISON County	0	2
CLOUD County	0	2
CRAWFORD County	0	2
DICKINSON County	0	2
DOUGLAS County	0	1
ELLIS County	0	1
FINNEY County	0	1
FORD County	0	1
GOVE County	0	1
GRAHAM County	0	1
GRANT County	0	1
GRAY County	0	1
HAMILTON County	0	1
HARVEY County	0	4
JEWELL County	0	1
KEARNY County	0	1
LABETTE County	0	2
LOGAN County	0	1
MARSHALL County	0	2
MITCHELL County	0	1
MORRIS County	0	2

MORTON County	0	1
NESS County	0	2
NORTON County	0	1
OSAGE County	0	2
OTTAWA County	0	2
PHILLIPS County	0	1
RENO County	0	11
REPUBLIC County	0	2
ROOKS County	0	2
SEDGWICK County	0	3
SEWARD County	0	1
SHAWNEE County	0	3
SMITH County	0	1
STANTON County	0	1
STEVENS County	0	1
SUMNER County	0	9
THOMAS County	0	1
TREGO County	0	1
WASHINGTON County	0	2
<b>State Total</b>	<b>0</b>	<b>78</b>