

## CAPS Survey Report

<b>Year:</b>	2016
<b>State:</b>	Kansas
<b>Cooperative Agreement Name:</b>	Karnal Bunt
<b>Cooperative Agreement Number:</b>	16-8420-1641-CA
<b>Project Funding Period:</b>	May 1, 2016 – April 30, 2017
<b>Project Report:</b>	CAPS Survey Report
<b>Project Document Date:</b>	May 1, 2016 – April 30, 2017
<b>Cooperators Project Coordinator:</b>	Laurinda Ramonda
<b>Name:</b>	Plant Protection and Weed Control
<b>Agency:</b>	Kansas Department of Agriculture
<b>Address:</b>	6531 SE Forbes Avenue, Suite B
<b>City/ Address/ Zip:</b>	Topeka, Kansas 66619
<b>Telephone:</b>	785-564-6698
<b>E-mail:</b>	laurinda.ramonda@ks.gov

Quarterly Report	<input type="checkbox"/>
Semi-Annual Accomplishment Report	<input type="checkbox"/>
Annual Accomplishment Report	<input checked="" type="checkbox"/>

**A. Write a brief narrative of work accomplished. Compare actual accomplishments to objectives established as indicated in the work plan. When the output can be quantified, a computation of cost per unit is required when useful.\***

Participants: Full time KDA staff – Gaelle Hollandbeck, Jeremy Maples and Tom Sanders collected wheat samples

- December 8, 2015 – Pre-award letter signed for \$1,343
- April 29, 2016 – Second pre-award letter signed for \$1,343
- June 2, 2016 – Full agreement signed for \$6,815.
- June 15, 2016 – Sampling began
- June 23, 2016 – Sampling finished

Funding Amount (USDA)	Funding Amount (KDA)	Total Number of Samples	Cost Per Unit
Proposed = \$6,815	Proposed = \$0	Proposed = 99 (calculation error, should be 95)	Proposed= \$71.74
Actual = \$6,815	Actual = \$0	Actual = 96	Actual = \$70.99

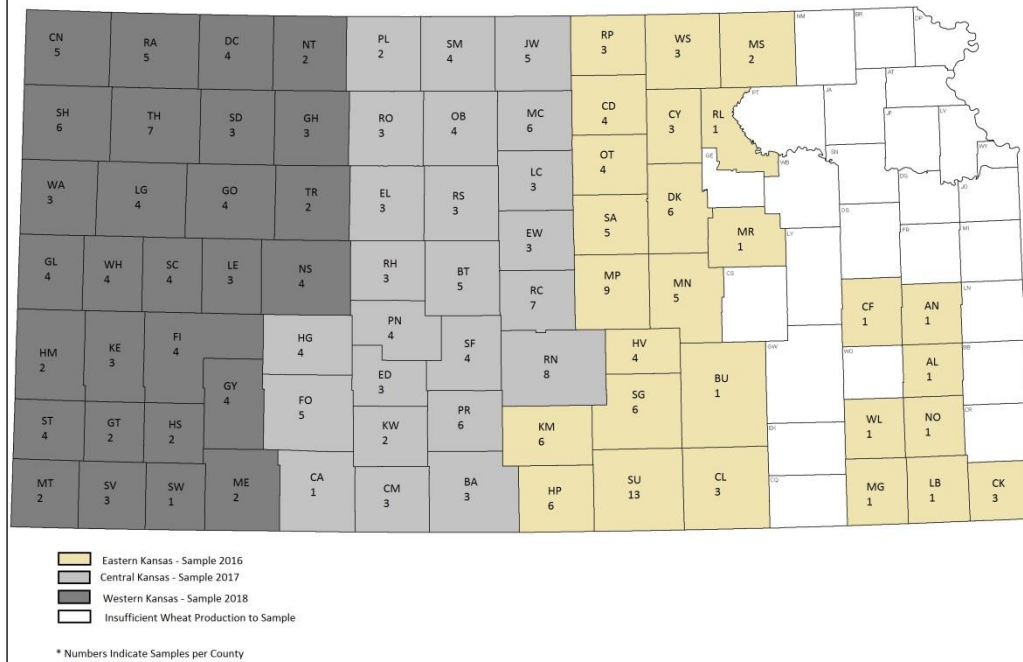
**1. Survey methodology (trapping protocol):**

	Common Name	Scientific Name
<b>Pest:</b>	Karnal Bunt	<i>Tilletia indica</i>

	Proposed	Actual
<b>Sites (Locations):</b>	27 counties	27 counties
<b>Samples:</b>	99 (should be 95)	96

	Proposed	Actual
<b>Number of Counties:</b>	27	27
<b>Counties:</b>	Allen, Anderson, Butler, Cherokee, Clay, Cloud, Coffey, Cowley, Dickinson, Harper, Harvey, Kingman, Labette, Marion, Marshall, McPherson, Montgomery, Morris, Neosho, Ottawa, Republic, Riley, Saline, Sedgwick, Sumner, Washington, Wilson	Allen, Anderson, Butler, Cherokee, Clay, Cloud, Coffey, Cowley, Dickinson, Harper, Harvey, Kingman, Labette, Marion, Marshall, McPherson, Montgomery, Morris, Neosho, Ottawa, Republic, Riley, Saline, Sedgwick, Sumner, Washington, Wilson

## Karnal Bunt Sampling Strategy



## NUMBER OF SAMPLES COLLECTED

COUNTY	NO. OF SAMPLES PLANNED	NO. OF SAMPLES TAKEN	COUNTY	NO. OF SAMPLES PLANNED	NO. OF SAMPLES TAKEN
ALLEN	1	1	MARSHALL	2	2
ANDERSON	1	1	MCPHERSON	9	9
BUTLER	1	1	MONTGOMERY	1	1
CHEROKEE	3	3	MORRIS	1	1
CLAY	3	3	NEOSHO	1	1
CLOUD	4	4	OTTAWA	4	4
COFFEY	1	1	REPUBLIC	3	3
COWLEY	3	3	RILEY	1	1
DICKINSON	6	6	SALINE	5	5
HARPER	6	7	SEDGWICK	6	6
HARVEY	4	4	SUMNER	13	13
KINGMAN	6	6	WASHINGTON	3	3
LABETTE	1	1	WILSON	1	1
MARION	5	5			
Total Number of Samples Planned – 99 (should be 95)			Total Number of Samples Collected – 96		

2. Survey dates:

	Proposed	Actual
Survey Dates:	Onset of wheat harvest – 3 weeks from the end of wheat harvest	June 15, 2016 – June 23, 2016

3. Benefits and results of survey:

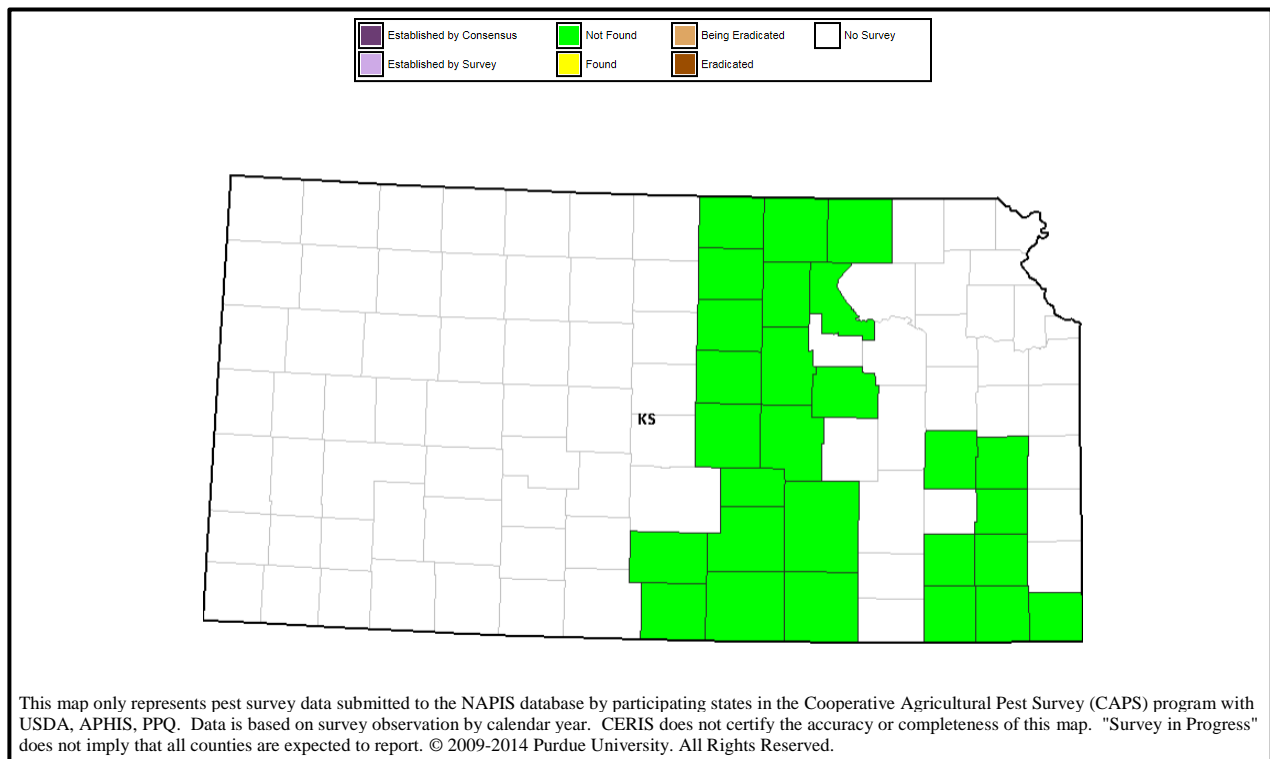
	Positive	Negative	Total Number
Wheat samples	0	96	96

- One sample from Sumner County was sent to the Beltsville, Maryland lab from the karnal bunt lab in Arizona, bunted kernels were found. Identified as *Cladosporium* sp. (non-reportable saprophyte).

4. Database submissions:

**Records Submitted to NAPIS**

Pest Common	Pest Scientific	Survey Method	Data Source	Counties	Positives	Negatives	Total
Karnal Bunt	<i>Tilletia indica</i>	National Karnal Bunt Survey; Optical Scan	State Ag Dept.	27	0	96	96



## Records Submitted to IPHIS

County	Site	Collection Date	Activity Method		County	Site	Collection Date	Activity Method
Allen	KSAL1	6/20/2016	SAMPLING		McPherson	KSMP1	6/20/2016	SAMPLING
Anderson	KSAN1	6/20/2016	SAMPLING		McPherson	KSMP2	6/22/2016	SAMPLING
Butler	KSBUI	6/20/2016	SAMPLING		McPherson	KSMP3	6/22/2016	SAMPLING
Cherokee	KSCK1	6/21/2016	SAMPLING		McPherson	KSMP4	6/22/2016	SAMPLING
Cherokee	KSCK2	6/21/2016	SAMPLING		McPherson	KSMP5	6/22/2016	SAMPLING
Cherokee	KSCK3	6/22/2016	SAMPLING		McPherson	KSMP6	6/22/2016	SAMPLING
Clay	KSCY1	6/20/2016	SAMPLING		McPherson	KSMP7	6/22/2016	SAMPLING
Clay	KSCY2	6/23/2016	SAMPLING		McPherson	KSMP8	6/22/2016	SAMPLING
Clay	KSCY3	6/23/2016	SAMPLING		McPherson	KSMP9	6/22/2016	SAMPLING
Cloud	KSCD1	6/20/2016	SAMPLING		Montgomery	KSMG1	6/22/2016	SAMPLING
Cloud	KSCD2	6/22/2016	SAMPLING		Morris	KSMR1	6/16/2016	SAMPLING
Cloud	KSCD3	6/22/2016	SAMPLING		Neosho	KSNO1	6/21/2016	SAMPLING
Cloud	KSCD4	6/22/2016	SAMPLING		Ottawa	KSOT1	6/20/2016	SAMPLING
Coffey	KSCF1	6/20/2016	SAMPLING		Ottawa	KSOT2	6/21/2016	SAMPLING
Cowley	KSCL1	6/16/2016	SAMPLING		Ottawa	KSOT3	6/21/2016	SAMPLING
Cowley	KSCL2	6/16/2016	SAMPLING		Ottawa	KSOT4	6/21/2016	SAMPLING
Cowley	KSCL3	6/16/2016	SAMPLING		Republic	KSRP1	6/22/2016	SAMPLING
Dickinson	KSDK1	6/15/2016	SAMPLING		Republic	KSRP2	6/22/2016	SAMPLING
Dickinson	KSDK2	6/15/2016	SAMPLING		Republic	KSRP3	6/22/2016	SAMPLING
Dickinson	KSDK3	6/15/2016	SAMPLING		Riley	KSRL1	6/23/2016	SAMPLING
Dickinson	KSDK4	6/15/2016	SAMPLING		Saline	KSSA1	6/16/2016	SAMPLING
Dickinson	KSDK5	6/16/2016	SAMPLING		Saline	KSSA2	6/21/2016	SAMPLING
Dickinson	KSDK6	6/21/2016	SAMPLING		Saline	KSSA3	6/21/2016	SAMPLING
Harper	KSHP1	6/17/2016	SAMPLING		Saline	KSSA4	6/21/2016	SAMPLING
Harper	KSHP2	6/17/2016	SAMPLING		Saline	KSSA5	6/21/2016	SAMPLING
Harper	KSHP3	6/17/2016	SAMPLING		Sedgwick	KSSG1	6/17/2016	SAMPLING
Harper	KSHP4	6/17/2016	SAMPLING		Sedgwick	KSSG2	6/20/2016	SAMPLING
Harper	KSHP5	6/17/2016	SAMPLING		Sedgwick	KSSG3	6/20/2016	SAMPLING
Harper	KSHP6	6/17/2016	SAMPLING		Sedgwick	KSSG4	6/20/2016	SAMPLING
Harper	KSHP7	6/17/2016	SAMPLING		Sedgwick	KSSG5	6/20/2016	SAMPLING
Harvey	KSHV1	6/20/2016	SAMPLING		Sedgwick	KSSG6	6/20/2016	SAMPLING
Harvey	KSHV2	6/20/2016	SAMPLING		Sumner	KSSU1	6/15/2016	SAMPLING
Harvey	KSHV3	6/20/2016	SAMPLING		Sumner	KSSU10	6/15/2016	SAMPLING
Harvey	KSHV4	6/20/2016	SAMPLING		Sumner	KSSU11	6/16/2016	SAMPLING
Kingman	KSKM1	6/17/2016	SAMPLING		Sumner	KSSU12	6/16/2016	SAMPLING
Kingman	KSKM2	6/17/2016	SAMPLING		Sumner	KSSU13	6/16/2016	SAMPLING
Kingman	KSKM3	6/17/2016	SAMPLING		Sumner	KSSU2	6/15/2016	SAMPLING
Kingman	KSKM4	6/17/2016	SAMPLING		Sumner	KSSU3	6/15/2016	SAMPLING
Kingman	KSKM5	6/17/2016	SAMPLING		Sumner	KSSU4	6/15/2016	SAMPLING
Kingman	KSKM6	6/17/2016	SAMPLING		Sumner	KSSU5	6/15/2016	SAMPLING
Labette	KSLB1	6/21/2016	SAMPLING		Sumner	KSSU6	6/15/2016	SAMPLING
Marion	KSMN1	6/16/2016	SAMPLING		Sumner	KSSU7	6/15/2016	SAMPLING
Marion	KSMN2	6/16/2016	SAMPLING		Sumner	KSSU8	6/15/2016	SAMPLING
Marion	KSMN3	6/16/2016	SAMPLING		Sumner	KSSU9	6/15/2016	SAMPLING
Marion	KSMN4	6/16/2016	SAMPLING		Washington	KWS1	6/23/2016	SAMPLING
Marion	KSMN5	6/16/2016	SAMPLING		Washington	KWS2	6/23/2016	SAMPLING
Marshall	KSMS1	6/23/2016	SAMPLING		Washington	KWS3	6/23/2016	SAMPLING
Marshall	KSMS2	6/23/2016	SAMPLING		Wilson	KSWL1	6/20/2016	SAMPLING

### B. If appropriate, explain why objectives were not met.\*

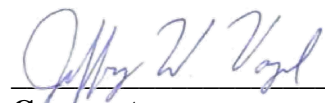
- An error was made in the calculation in the number of samples planned. Should actually have been 95. We took 1 extra sample.

C. Where appropriate, explain any cost overruns or unobligated funds in excess of \$1,000.  
\*

---

*\*indicates information is required per 7 CFR 3016.40 and 7 CFR 3019.51*

Approved and signed by

  
\_\_\_\_\_  
Cooperator

Date: 5/2/17

\_\_\_\_\_  
ADODR

Date: \_\_\_\_\_