

### CAPS Survey Report

<b>Year:</b>	2018
<b>State:</b>	Kansas
<b>Cooperative Agreement Name:</b>	Karnal Bunt Survey
<b>Cooperative Agreement Number:</b>	USDA-APHIS-10025-PPQFO000-18-0089
<b>Project Funding Period:</b>	January 1, 2018 – December 31, 2018
<b>Project Report:</b>	<b>CAPS Survey Report</b>
<b>Project Document Date:</b>	January 1, 2018 – December 31, 2018
<b>Cooperators Project Coordinator:</b>	Laurinda Ramonda
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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 –Bob Buhler, Gaelle Hollandbeck and Erin Smothers collected wheat samples

- March 15, 2018 – Partial funding awarded for \$3,249
- June 13, 2018 – Full Funding agreement awarded for \$6,815
- June 18, 2018 – Wheat sampling began
- July 9, 2018 – Wheat sampling completed
- July 17, 2018 – All lab results received

<b>Funding Amount</b>	<b>Total Number of Samples</b>	<b>Cost Per Unit</b>
Proposed = \$6,815	Proposed = 96	Proposed= \$70.98
Actual = \$6,815	Actual = 91	Actual = \$74.89

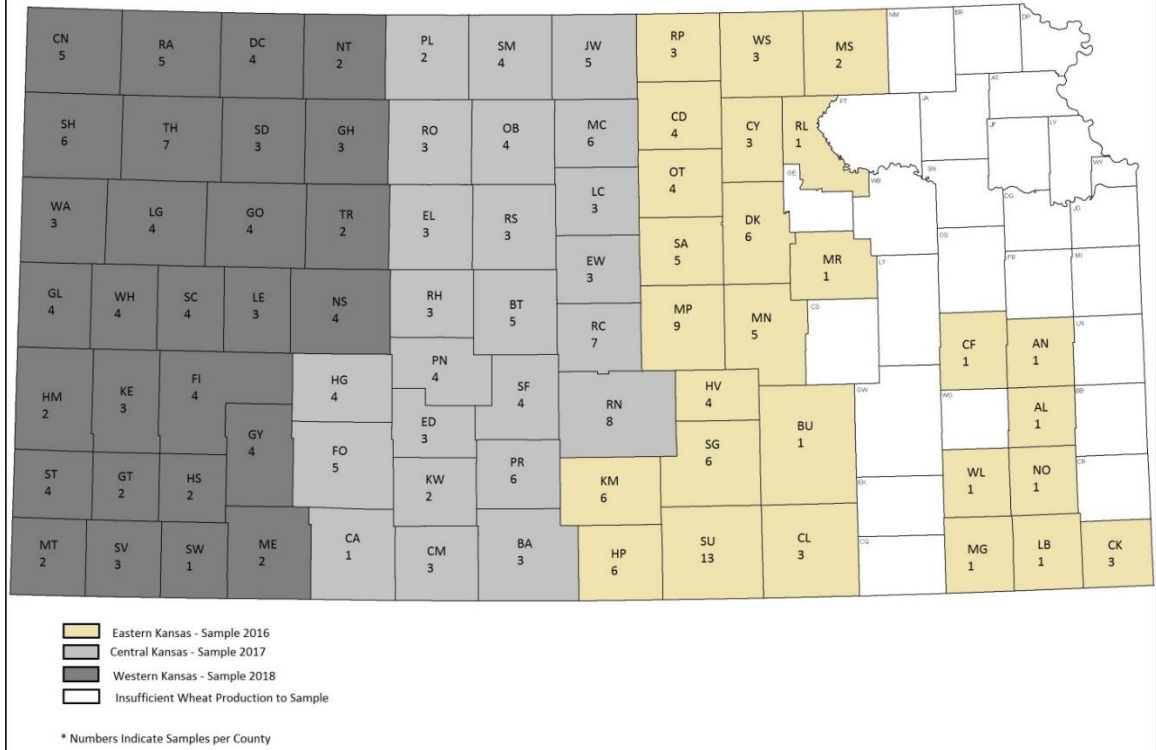
1. **Survey methodology (trapping protocol):**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Survey Method</b>	<b>Trap</b>	<b>Lure</b>
<i>Tilletia indica</i>	Karnal bunt	Wheat Sampling	N/A	N/A

	<b>Proposed</b>	<b>Actual</b>
<b>Sites (Locations):</b>	96	91
<b>Number of Samples:</b>	96	91

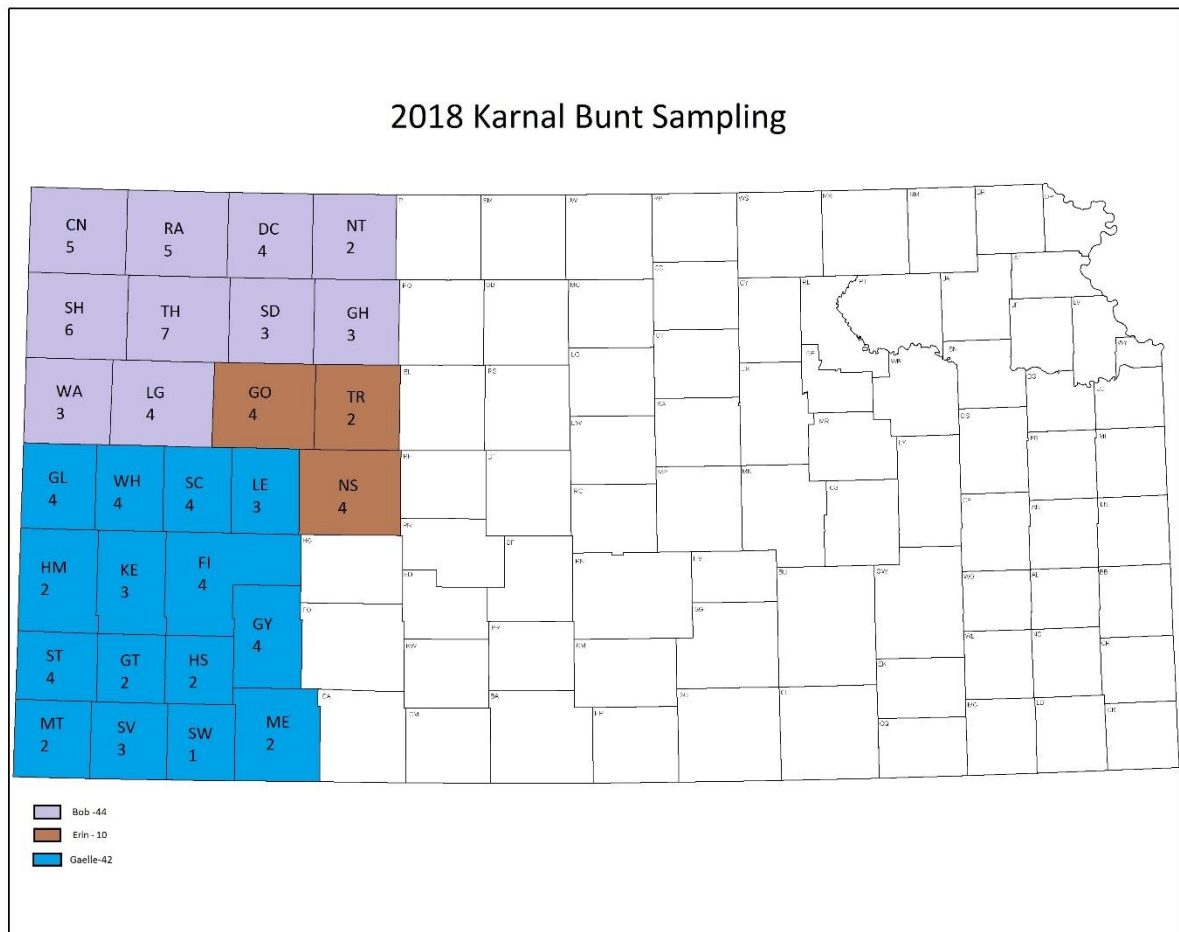
	<b>Proposed</b>	<b>Actual</b>
<b>Number of Counties:</b>	28	27
<b>Counties:</b>	Cheyenne, Decatur, Finney, Gove, Graham, Grant, Gray, Greeley, Hamilton, Haskell, Kearney, Lane, Logan, Meade, Morton, Ness, Norton, Rawlins, Scott, Seward, Sheridan, Sherman, Stanton, Stevens, Thomas, Trego, Wallace, Wichita	Cheyenne, Decatur, Finney, Gove, Graham, Grant, Gray, Greeley, Hamilton, Haskell, Kearney, Lane, Logan, Meade, Morton, Ness, Norton, Rawlins, Scott, Seward, Sheridan, Sherman, Stanton, Stevens, Thomas, Trego, Wichita

## Karnal Bunt Sampling Strategy



County	Number of Samples (Proposed)	Number of Samples (Actual)
CHEYENNE	5	5
DECATUR	4	4
FINNEY	4	4
GOVE	4	4
GRAHAM	3	3
GRANT	2	2
GRAY	4	4
GREELEY	4	2
HAMILTON	2	2
HASKELL	2	2
KEARNY	3	4
LANE	3	3
LOGAN	4	4
MEADE	2	2

MORTON	2	2
NESS	4	4
NORTON	2	2
RAWLINS	5	5
SCOTT	4	4
SEWARD	1	1
SHERIDAN	3	3
SHERMAN	6	6
STANTON	4	3
STEVENS	3	3
THOMAS	7	7
TREGO	2	2
WALLACE	3	0
WICHITA	4	4
<b>Total</b>	<b>96</b>	<b>91</b>



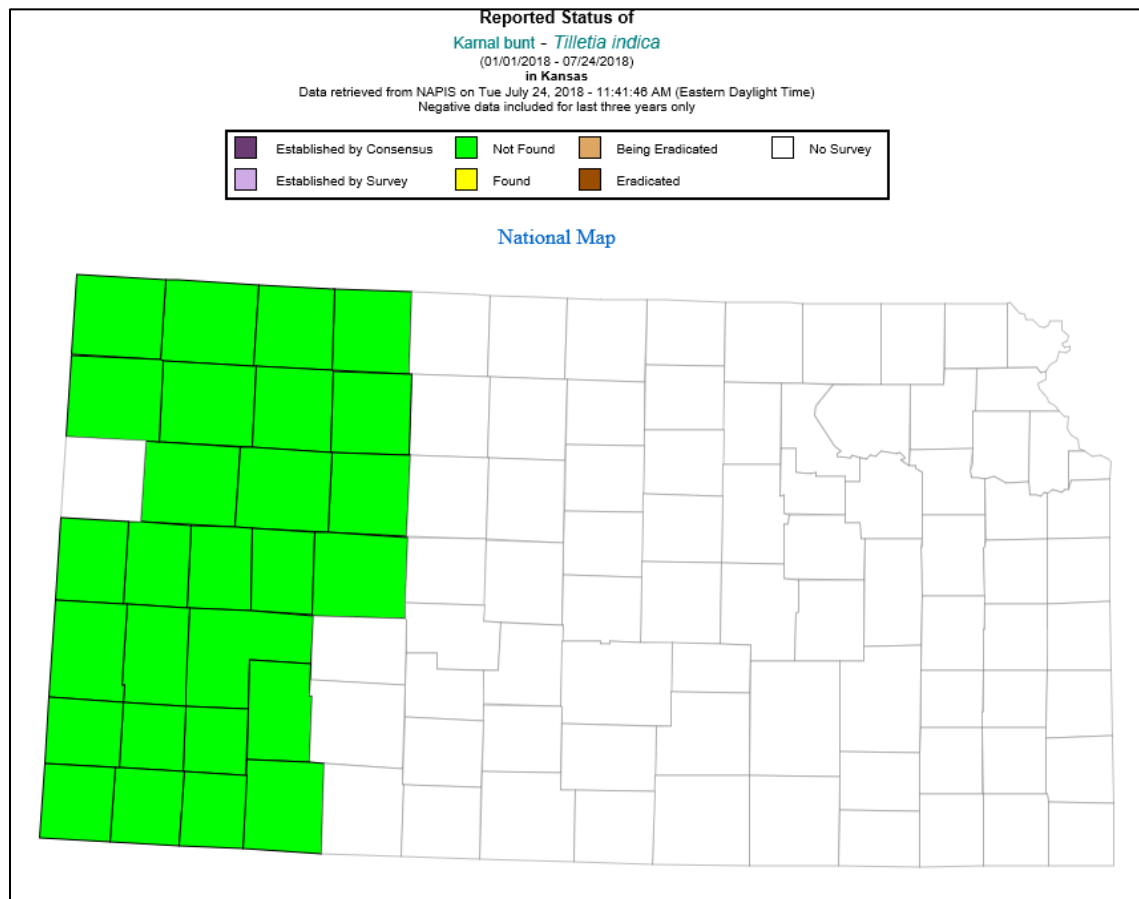
2. Survey dates:

	Proposed	Actual
Survey Dates:	Onset of wheat harvest – 3 weeks from the end of wheat harvest	June 18, 2018 – July 9, 2018

3. Benefits and results of survey:

	Positive	Negative	Total Number
Wheat Samples	0	91	91

4. Database submissions:



<b>State County</b>	<b>Pest</b>	<b>Pest Status</b>	<b>Total Units Checked</b>
KS - Cheyenne	Karnal bunt ~ <i>Tilletia indica</i>	-	5
KS - Decatur	Karnal bunt ~ <i>Tilletia indica</i>	-	4
KS - Finney	Karnal bunt ~ <i>Tilletia indica</i>	-	4
KS - Gove	Karnal bunt ~ <i>Tilletia indica</i>	-	4
KS - Graham	Karnal bunt ~ <i>Tilletia indica</i>	-	3
KS - Grant	Karnal bunt ~ <i>Tilletia indica</i>	-	2
KS - Gray	Karnal bunt ~ <i>Tilletia indica</i>	-	4
KS - Greeley	Karnal bunt ~ <i>Tilletia indica</i>	-	2
KS - Hamilton	Karnal bunt ~ <i>Tilletia indica</i>	-	2
KS - Haskell	Karnal bunt ~ <i>Tilletia indica</i>	-	2
KS - Kearny	Karnal bunt ~ <i>Tilletia indica</i>	-	4
KS - Lane	Karnal bunt ~ <i>Tilletia indica</i>	-	3
KS - Logan	Karnal bunt ~ <i>Tilletia indica</i>	-	4
KS - Meade	Karnal bunt ~ <i>Tilletia indica</i>	-	2
KS - Morton	Karnal bunt ~ <i>Tilletia indica</i>	-	2
KS - Ness	Karnal bunt ~ <i>Tilletia indica</i>	-	4
KS - Norton	Karnal bunt ~ <i>Tilletia indica</i>	-	2
KS - Rawlins	Karnal bunt ~ <i>Tilletia indica</i>	-	5
KS - Scott	Karnal bunt ~ <i>Tilletia indica</i>	-	4
KS - Seward	Karnal bunt ~ <i>Tilletia indica</i>	-	1
KS - Sheridan	Karnal bunt ~ <i>Tilletia indica</i>	-	3
KS - Sherman	Karnal bunt ~ <i>Tilletia indica</i>	-	6
KS - Stanton	Karnal bunt ~ <i>Tilletia indica</i>	-	3
KS - Stevens	Karnal bunt ~ <i>Tilletia indica</i>	-	3
KS - Thomas	Karnal bunt ~ <i>Tilletia indica</i>	-	7
KS - Trego	Karnal bunt ~ <i>Tilletia indica</i>	-	2
KS - Wichita	Karnal bunt ~ <i>Tilletia indica</i>	-	4
<b>Total</b>			<b>91</b>

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

- No samples taken from Wallace county. Elevators refused to give samples.
- Only two samples from Greeley county. Rest of elevators refused to give samples.
- Only one sample from Lane county. Not enough wheat produced.

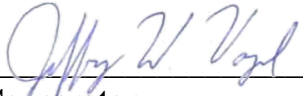
**C. Where appropriate, explain any cost overruns or unobligated funds in excess of \$1,000.**

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

**Approved and signed by**

  
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**Cooperator**

**Date:** 1/28/2019

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**ADODR**

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