# CAPS Survey Report

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|---|---|
| **Year:** | 2017 |
| **State:** | Kansas |
| **Cooperative Agreement Name:** | Corn Commodity Survey |
| **Cooperative Agreement Number:** | USDA-APHIS-10025-PPQFO000-17-0038 |
| **Project Funding Period:** | January 1, 2017 – December 31, 2017 |
| **Project Report:** | CAPS Survey Report |
| **Project Document Date:** | January 1, 2017 – June 30, 2017 |
| **Cooperators Project Coordinator:** | Laurinda Ramonda |
| **Name:** | Plant Protection and Weed Control |
| **Agency:** | Kansas Department of Agriculture |
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| | |
|---|---|
| Quarterly Report | ☐ |
| Semi-Annual Accomplishment Report | ☒ |
| Annual Accomplishment Report | ☐ |

**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: Laurinda Ramonda – provide training, supervision and shipping of samples to lab
Greg Chrislip, state entomologist – provide training, supervision and specimen sorting
Gaelle Hollandbeck, state plant pathologist – provide corn disease field training and suspect sorting
Brian Brunkow - trapping and survey work

- December 1, 2016 – Pre-award letter signed for $7,093
- March 23, 2017 – Continuing Resolution funding amount for $21,479
- March 24, 2017 – Survey approved for Continuing Resolution amount
- May 11, 2017 – Survey work began
- May 22, 2017 – Survey approved for rest of the funds of $15,857
- May 23, 2017 – Began taking soil samples
- June 5, 2017 – Began surveying for disease
- June 22, 2017 – Traps all distributed

| Funding Amount (USDA) | Funding Amount (KDA) | Total Number of Traps/Visuals | Cost Per Unit |
|---|---|---|---|
| Proposed = $37,336 | Proposed = $616 | Proposed = 174 Traps, 87 Visuals, 87 soil samples | Proposed= $109.06 |
| Actual = $37,336 | Actual = $616 | Actual = 174 traps, visuals and soil samples on going | Actual = $109.06 |

**1. <u>Survey methodology (trapping protocol)</u>:**

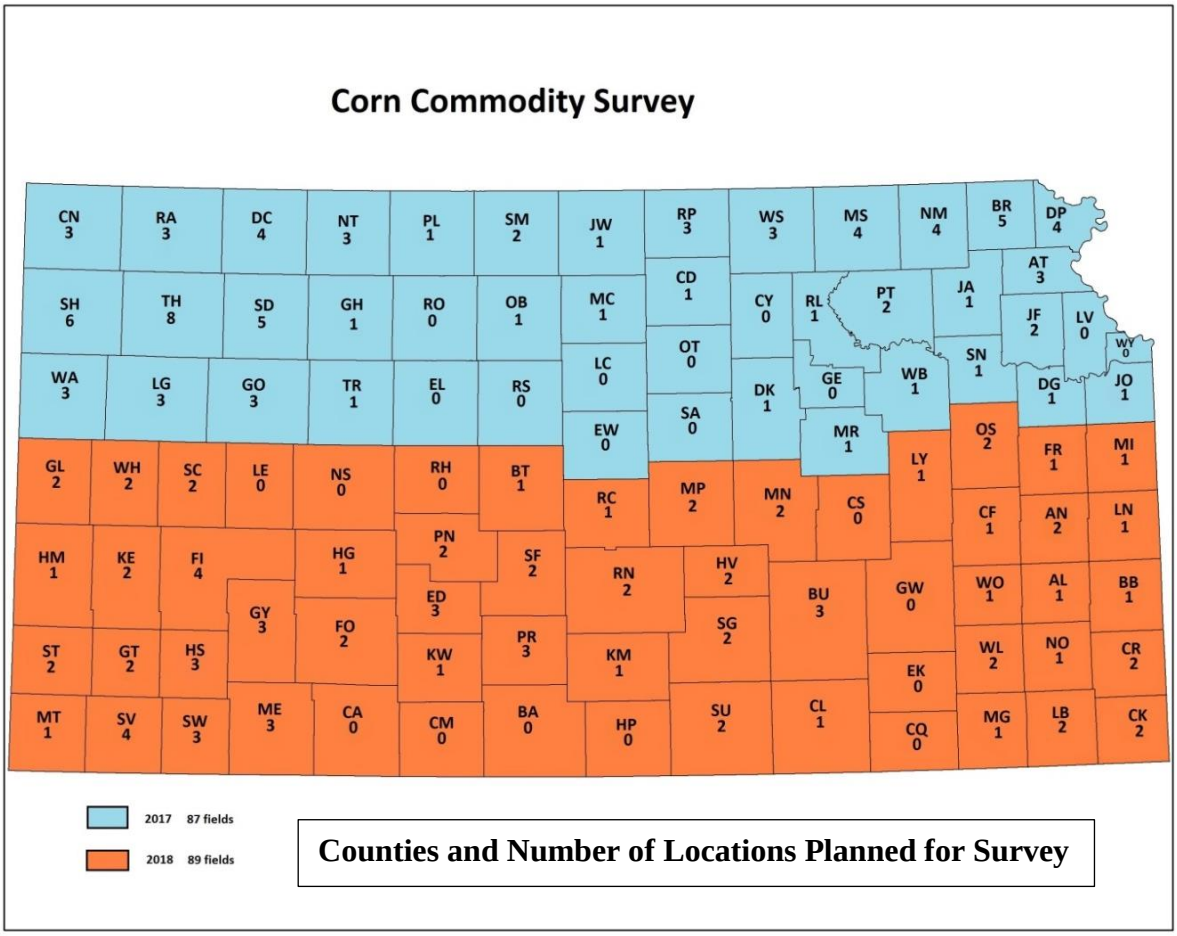
| | Common Name | Scientific Name |
|---|---|---|
| **Pest:** | Egyptian Cottonworm | *Spodoptera littoralis* |
| | Cotton cutworm | *Spodoptera litura* |
| | Late wilt | *Harpophor maydis* |
| | Java downy mildew | *Peronosclerospora maydis* |
| | Philippine downy mildew | *Peronosclerospora philippinensis* |
| | Brown stripe downy mildew | *Sclerophthora rayssiae var. zeae* |
| | Mexican corn cyst nematode | *Punctodera chalcoensis* |

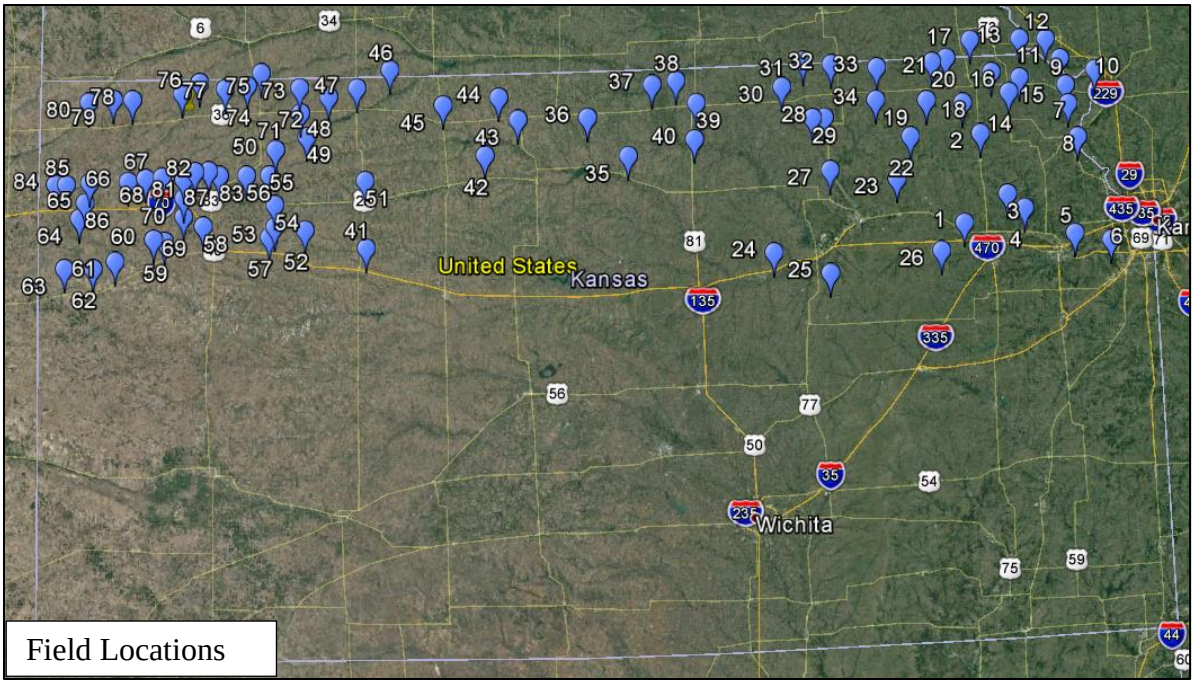
| | Proposed | Actual |
|---|---|---|
| **Sites (Locations):** | 87 | 87 |
| **Traps:** | 174 | 174 |
| **Visuals:** | 87 | Visuals on-going |

| | | |
|---|---|---|
| **Soil Samples:** | 87 | Soil sampling on-going |

| | **Proposed** | **Actual** |
|---|---|---|
| **Number of Counties:** | 35 | 35 |
| **Counties:** | Atchison, Brown, Cheyenne, Cloud, Decatur, Dickinson, Doniphan, Douglas, Gove, Graham, Jackson, Jefferson, Jewell, Johnson, Logan, Marshall, Mitchell, Morris, Nemaha, Norton, Osborne, Phillips, Pottawatomie, Rawlins, Republic, Riley, Shawnee, Sheridan, Sherman, Smith, Thomas, Trego, Wabaunsee, Wallace, Washington | Atchison, Brown, Cheyenne, Cloud, Decatur, Dickinson, Doniphan, Douglas, Gove, Graham, Jackson, Jefferson, Jewell, Johnson, Logan, Marshall, Mitchell, Morris, Nemaha, Norton, Osborne, Phillips, Pottawatomie, Rawlins, Republic, Riley, Shawnee, Sheridan, Sherman, Smith, Thomas, Trego, Wabaunsee, Wallace, Washington |

| **Counties and Number of Locations** | | | | | |
|---|---|---|---|---|---|
| **County** | **Number of Locations Planned** | **Number of Locations Surveyed** | **County** | **Number of Locations Planned** | **Number of Locations Surveyed** |
| ATCHISON | 2 | 2 | NEMAHA | 4 | 4 |
| BROWN | 5 | 5 | NORTON | 3 | 3 |
| CHEYENNE | 3 | 3 | OSBORNE | 1 | 1 |
| CLOUD | 1 | 1 | PHILLIPS | 1 | 1 |
| DECATUR | 4 | 5 | POTTAWATOMIE | 2 | 2 |
| DICKINSON | 1 | 1 | RAWLINS | 3 | 3 |
| DONIPHAN | 4 | 4 | REPUBLIC | 3 | 3 |
| DOUGLAS | 1 | 1 | RILEY | 1 | 1 |
| GOVE | 3 | 3 | SHAWNEE | 1 | 1 |
| GRAHAM | 1 | 1 | SHERIDAN | 5 | 4 |
| JACKSON | 1 | 1 | SHERMAN | 6 | 6 |
| JEFFERSON | 2 | 2 | SMITH | 2 | 2 |
| JEWELL | 1 | 1 | THOMAS | 8 | 8 |
| JOHNSON | 1 | 1 | TREGO | 1 | 1 |
| LOGAN | 3 | 3 | WABAUNSEE | 1 | 1 |
| MARSHALL | 4 | 4 | WALLACE | 3 | 3 |
| MITCHELL | 1 | 1 | WASHINGTON | 3 | 3 |
| MORRIS | 1 | 1 | | | |
| **Total** | | | 87 | | |


Corn Commodity Survey
CN 3
RA 3
DC 4
NT 3
PL 1
SM 2
JW 1
RP 3
WS 3
MS 4
NM 4
BR 5
DP 4
AT 3
SH 6
TH 8
SD 5
GH 1
RO 0
OB 1
MC 1
CD 1
CY 0
RL 1
PT 2
JA 1
JF 2
LV 0
WY 0
WA 3
LG 3
GO 3
TR 1
EL 0
RS 0
LC 0
OT 0
DK 1
GE 0
WB 1
SN 1
DG 1
JO 1
EW 0
SA 0
MR 1
OS 2
FR 1
MI 1
GL 2
WH 2
SC 2
LE 0
NS 0
RH 0
BT 1
RC 1
MP 2
MN 2
CS 0
LY 1
CF 1
AN 2
LN 1
HM 1
KE 2
FI 4
HG 1
PN 2
SF 2
RN 2
HV 2
BU 3
GW 0
WO 1
AL 1
BB 1
GY 3
ED 3
SG 2
ST 2
GT 2
HS 3
FO 2
KW 1
PR 3
KM 1
EK 0
WL 2
NO 1
CR 2
MT 1
SV 4
SW 3
ME 3
CA 0
CM 0
BA 0
HP 0
SU 2
CL 1
CQ 0
MG 1
LB 2
CK 2
2017 87 fields
2018 89 fields
Counties and Number of Locations Planned for Survey




Field Locations

2. **Survey dates:**

| | Proposed | Actual |
|---|---|---|
| **Survey Dates:** | May 2017 – September 2017 | May 11, 2017 – survey on-going |

3. **Benefits and results of survey:**

| | Positive | Negative | Total Number |
|---|---|---|---|
| **Traps** | survey on-going | survey on-going | survey on-going |

4. **Database submissions:**

- Data will be submitted to NAPIS after results received from lab.

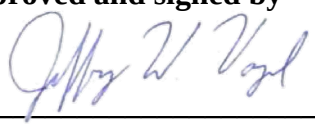
**B. If appropriate, explain why objectives were not met.***

- One location is on the border of 2 counties and GPS location is in Decatur instead of Sheridan.

**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**



**_____** **Date:** 07/28/2017

**Cooperator**

**_____** **Date:** **_____**

**ADODR**