



CVN

Conservation Validation Network

**Kickoff Workshop
August 25, 2021**

Agenda

9:00	Welcome	Mike K (CTIC) & Seth H (TNC)
9:10	Introductions (name, affiliation, answer this question: "How would you hope to use CVN Data?")	All
10:00	CVN: Project Status Update	Dave G (CTIC)
10:15	Q & A on CVN Status	All
10:30	Break	
10:45	Past and on-going CRM data collection efforts in Indiana	Sam S & Trevor L (ISDA)
11:00	Experiences and comments on the collection of ground-truthing data for tillage practices and cover crops: Lessons learned, pitfalls to avoid, etc.	Steve H (ReGrow) A.J. K (Indigo Ag) James H (SAS) Dorn C (OpenTEAM) Brian G (Iowa State U) Dean H (USGS)
12:30	Lunch	
1:00	Recap morning discussions	Dave G (CTIC)
1:15	Current CVN Database Design	Emma F (Corteva) Jay M (Arva) Dave G (CTIC)
2:00	Q & A on Database Design: What's missing?	All
2:30	Next Steps	All
3:00	Adjourn	



Thank You for Seed Funding!



The Nature Conservancy (TNC)



Corteva/Granular

CVN: Project Status Outline

Background – How did we get here?

Current Indiana Pilot: Deliverables

Opportunities for expansion to other states

Long-term goal is a self-sustaining network

Q & A



CVN: What is it?

A network of farmers providing **anonymized ground-truthing data**, meant to validate remote sensing methods now being developed to track the adoption of:

1. Conservation Tillage
2. Cover Crops

How did we get here?

Initial conversations between CTIC, TNC (Indiana chapter), and other CTIC members

Exploratory Zoom call with other interested parties in Summer 2020 (JHU, ISDA, etc.)

Submitted a Pilot Proposal to IN NRCS

After the decision on that pilot was deferred, TNC/Corteva stepped forward with seed funding



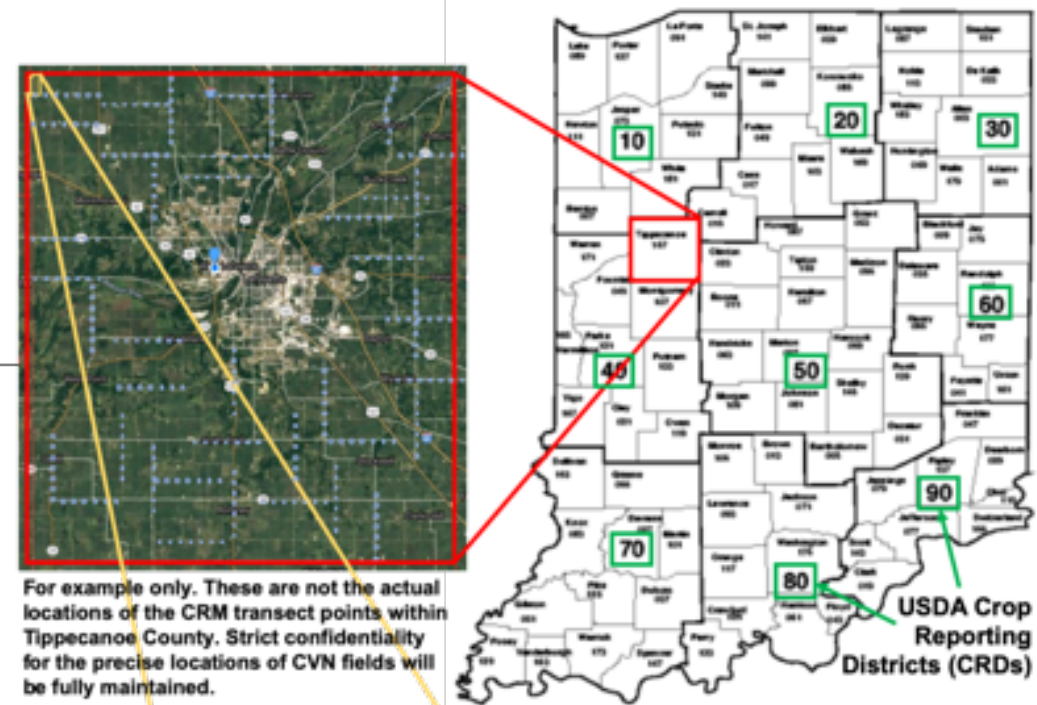
Proposal to IN NRCS

Submitted January 2021

Decision deferred

Proposed as a random sub-sample (1%) of all CRM transect points within each CRD

Leverages existing data



○ CRM Transect Point Observations. Approximately 36,250 across Indiana.

Indiana Pilot: Deliverables

Host Kickoff Workshop (today)

Design CVN Database (by Dec-2021)

Launch CVN Database/Website (by Feb-2022)

System will then be ready to accept ground-truthing data from CVN network participants



Indiana Pilot Project Team



**Conservation Technology
Information Center**

CTIC

- Project leadership



CORTEVA[™]
agriscience

Corteva/Granular

- Input on system design



Arva Intelligence

- Technology provider



Opportunities for Expansion

Both Illinois & Iowa would be ideal near-term targets to add the Indiana Pilot

Additional Corn Belt states would be the next logical step

Given that Corteva has provided seed funding for Indiana, perhaps other sponsors could fund additional states



Long-Term Goal: A Self-Sustaining Network

Strawman funding approach:

- Growers receive annual compensation
- Users of the network data pay an annual fee, possibly a different rate for academia vs. private sector
- Public-sector contribution? For reference, USDA/NRCS funded CRM nationally through 2004

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Thank You!

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