

SUPPLEMENTARY MATERIALS

This material accompanies the review article entitled, "Farmer Perceptions of Regenerative Agriculture in the Corn Belt: Exploring Motivations and Barriers to Adoption" by Coon et al.

Survey Instrument (Administered via Qualtrics)

Earlham College is conducting a research project that aims to identify the feasibility of regenerative agriculture in Indiana. There is little research conducted by and for Indiana, and we hope to hear how farmers feel about the techniques associated with regenerative agriculture. Please complete this 2-minute survey. At the end there's an opportunity to provide contact information if you'd be interested in a Zoom interview in the near future.

Title: Innovative Agricultural Practices for Indiana Farmers

Study Information:

- **Topic and purpose:** We aim to identify innovative farming practices currently being used by Indiana farmers, focusing in particular on regenerative agriculture practices that support long-term health of the farm.
- **Procedures and duration:** This is a quick survey expected to take about 5-10 minutes of your time. There is an option to opt-in to future research if you are interested in talking with us further about these topics.
- **Possible risks:** There are no anticipated risks associated with participation in this study, beyond those encountered in everyday life.
- **Benefits:** We will use information collected in this pilot survey to frame a larger study on innovative practices that support the long-term health of Indiana farms. Your participation will mean higher-quality findings more useful to farmers.
- **Data usage:** Your data may be required to be made publicly available in order to publish knowledge gained as a result of this study, which means it could be used in future research without additional consent. Any report or data that is made available to the public will not include your name or any other individual information by which you could be identified.

Screening Questions

1. Are you 18 years or older?
 - a. Yes
 - b. No
2. What county do you live in? _____
3. Do you farm on any land that you own or lease?
 - a. Yes
 - b. No

Farm Information

4. How long have you been farming (years)? _____
5. How many acres do you farm (approximate)? _____
6. What crops/livestock (list)?

Regenerative Agriculture

7. To your knowledge, how common are the following practices in your county?

No till	Extremely Common	Very Common	Moderately Common	A Little Common	Not Common	I'm Not Sure
Minimal till	Extremely Common	Very Common	Moderately Common	A Little Common	Not Common	I'm Not Sure
Reduced pesticide or herbicide use	Extremely Common	Very Common	Moderately Common	A Little Common	Not Common	I'm Not Sure
Composting	Extremely Common	Very Common	Moderately Common	A Little Common	Not Common	I'm Not Sure
Rotational grazing or other sustainable/regenerative grazing	Extremely Common	Very Common	Moderately Common	A Little Common	Not Common	I'm Not Sure
Buffers planted around field margins to reduce nutrient loss (i.e. prairie strips)	Extremely Common	Very Common	Moderately Common	A Little Common	Not Common	I'm Not Sure
Established pollinator or wildlife habitat	Extremely Common	Very Common	Moderately Common	A Little Common	Not Common	I'm Not Sure
Certified organic farming practices	Extremely Common	Very Common	Moderately Common	A Little Common	Not Common	I'm Not Sure

8. What are your views toward the following practices in terms of the benefits to soil, water, and land?

No till	Extremely Positive	Very Positive	Moderately Positive	A Little Positive	Not Positive	I'm Not Sure
Minimal till	Extremely Positive	Very Positive	Moderately Positive	A Little Positive	Not Positive	I'm Not Sure
Reduced pesticide or herbicide use	Extremely Positive	Very Positive	Moderately Positive	A Little Positive	Not Positive	I'm Not Sure
Composting	Extremely Positive	Very Positive	Moderately Positive	A Little Positive	Not Positive	I'm Not Sure
Rotational grazing or other sustainable/regenerative grazing	Extremely Positive	Very Positive	Moderately Positive	A Little Positive	Not Positive	I'm Not Sure
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Established pollinator or wildlife habitat	Extremely Positive	Very Positive	Moderately Positive	A Little Positive	Not Positive	I'm Not Sure
Certified organic farming practices	Extremely Positive	Very Positive	Moderately Positive	A Little Positive	Not Positive	I'm Not Sure

9. Are there any other practices (not named above) that farmers use where you live to benefit soil, land, water, or overall health of their farm?

10. Is the term "regenerative agriculture" familiar to you?

- a. Yes
- b. No

11. How would you personally define "regenerative agriculture"?

Personal Information

12. Gender_____

13. Age_____

14. Race/ethnicity_____

Contact Information:

15. Would you potentially be willing to sit down with us for a brief discussion about the topics in this survey sometime in the next few months? This would be a 30-minute interview and could be in person or remote (i.e., Zoom), depending on what would be most convenient for you.

a. Yes

b. No

16. (If yes): Contact information

Conclusion:

17. Is there anything else you would like to tell us?

We thank you for your time spent taking this survey. Your response has been recorded.

Survey and Interviewee Characteristics

Table S1. Descriptive information about interviewees (n=16) and survey respondents (n=49)

Characteristic	Interviewees (n=16)	Survey Respondents (n=49)
Farm Size	5-900 acres; mean = 199	1.5-5000 acres; mean = 630
Commodities	Primarily animal = 31% Primarily crops = 31% Specialty crops† = 6% Mixed crop-animal = 12.5% Mixed specialty crops-animal = 12.5%	Primarily animal = 10% Primarily crops = 31% Specialty crops = 8% Mixed crop-animal = 20% Mixed specialty crops-animal = 12% Unreported = 18%
Gender	Men=69% Women=31%	Men = 61% Women = 33% Unreported = 6%
Age	25-78; mean=59	23-78; mean = 57
Years Farmed	5-56; mean=25	5-56, mean = 33.4
County	Wayne = 56% Fayette = 6% Preble = 12.5% Other = 25%	Wayne = 51% Fayette = 11% Preble = 5% Other = 22% Rush = 5% Randolph = 5%
Race	White = 81% Mixed Race = 6% Unknown = 12.5%	White = 75% Unreported = 16% Black = 5% Mixed Race = 2% Native American = 2%

† Includes timber, cut flowers, herbs, and market vegetables