

Step 6: Project Details for LEADS - Adding Organic Amendments to Soil (ESIM-LE-A)

1. Provide the date of the Farmland Health Check-Up that assessed the fields impacted by the proposed project: _____

2. In your Farmland Health Checkup, fields are identified as 1, 2, 3 or unassessed. All acres not assessed in your Farmland Health Check-Up but included in your proposed project must be listed as unassessed acres. Will the proposed project be implemented on field 1?

Yes

No

3. For field 1, provide the Premises Identification (PID) Number: _____

4. Your Farmland Health Check-Up rates the risk of specific health challenges on each assessed field. For field 1, select ONE challenge that will be addressed by the proposed project:

Water Erosion

Wind Erosion

Tillage Erosion

Surface Structure

Subsurface Compaction

Soil Life

Soil Chemistry

Organic Matter

Phosphorus

Pollinator Health

5. For field 1, what rating was given in your Check-Up for the Farmland Health Challenge identified above? (Select one)

Poor

Fair

Good

Best

6. For field 1, how many acres will receive an application of organic amendments? _____

Full Name: _____

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7. For field 1, what is the application rate (ton/acre)? _____

8. For field 1, in what month will the organic amendments will be applied?

July

August

September

9. For field 1, what type of organic amendment will be applied?

Dairy

Beef

Hog

Poultry

NASM

Other, specify: _____

10. For field 1, what is the per cent dry matter for the organic amendment being applied? _____

11. Clearly identify which soil test results pertain to which field for each of your submitted soil tests. If not clearly identified on the results, the average of all provided tests will be used. For field 1, what is the soil test lab number? _____

12. For field 1, what is the average soil phosphorus (bicarb) level according to your soil test(s) (ppm)?

13. Will the proposed project be implemented on field 2?

Yes

No

14. For field 2, provide the Premises Identification (PID) Number: _____

15. For field 2, select ONE challenge that will be addressed by the proposed project:

Water Erosion

Wind Erosion

Tillage Erosion

Surface Structure

Subsurface Compaction

Soil Life

Soil Chemistry

Organic Matter

Phosphorus

Pollinator Health

16. For field 2, what rating was given in your Check-Up for the Farmland Health Challenge identified above? (Select one)

Poor

Fair

Good

Best

17. For field 2, how many acres will receive an application of organic amendments? _____

18. For field 2, what is the application rate (ton/acre)? _____

19. For field 2, in what month will the organic amendments will be applied?

July

August

September

Full Name: _____

FBRN: _____

20. For field 2, what type of organic amendment will be applied?

Dairy

Beef

Hog

Poultry

NASM

Other, specify: _____

21. For field 2, what is the per cent dry matter for the organic amendment being applied? _____

22. For field 2, what is the soil test lab number? _____

23. For field 2, what is the average soil phosphorus (bicarb) level according to your soil test(s) (ppm)?

24. Will the proposed project be implemented on field 3?

Yes

No

25. For field 3, provide the Premises Identification (PID) Number: _____

26. For field 3, select ONE challenge that will be addressed by the proposed project:

Water Erosion

Wind Erosion

Tillage Erosion

Surface Structure

Subsurface Compaction

Soil Life

Soil Chemistry

Organic Matter

Phosphorus

Pollinator Health

Full Name: _____

FBRN: _____

27. For field 3, what rating was given in your Check-Up for the Farmland Health Challenge identified above? (Select one)

Poor

Fair

Good

Best

28. For field 3, how many acres will receive an application of organic amendments? _____

29. For field 3, what is the application rate (ton/acre)? _____

30. For field 3, in what month will the organic amendments will be applied?

July

August

September

31. For field 3, what type of organic amendment will be applied?

Dairy

Beef

Hog

Poultry

NASM

Other, specify: _____

32. For field 3, what is the per cent dry matter for the organic amendment being applied? _____

33. For field 3, what is the soil test lab number? _____

34. For field 3, what is the average soil phosphorus (bicarb) level according to your soil test(s) (ppm)?

35. Will the proposed project be implemented on an unassessed field?

Yes

No

Full Name: _____

FBRN: _____

36. For the unassessed field, provide the Premises Identification (PID) Number: _____

37. For the unassessed field, how many acres will receive an application of organic amendments?

38. For the unassessed field, what is the application rate (ton/acre)? _____

39. For the unassessed field, in what month will the organic amendments will be applied?

July

August

September

40. For the unassessed field, what type of organic amendment will be applied?

Dairy

Beef

Hog

Poultry

NASM

Other, specify: _____

41. For the unassessed field, what is the per cent dry matter for the organic amendment being applied? _____

42. For the unassessed field, what is the soil test lab number? _____

43. For the unassessed field, what is the average soil phosphorus (bicarb) level according to your soil test(s) (ppm)? _____

44. How have your soil tests been provided?

Lab reports attached to the application

Included in the Farmland Health Check-Up

45. Are the amendments generated on a farm owned or rented by the same party that owns or rents the field where they will be applied?

Yes, for all of the proposed fields

Yes, for some of the proposed fields

No, all amendments will be purchased at Arm's Length from the applicant

Full Name: _____

FBRN: _____

Step 7: Additional Funding for Systems Approach

This section is for applicants who would like to be considered for the Systems Approach Funding. To be considered, you must show how the project you are applying for will be complemented or enhanced by the on-going maintenance of previously implemented best management practices (BMPs). If this applies to you, please answer the questions for at least 2 of the BMPs below. If you may provide satisfactory answers for at least 2 BMPs, you may receive an additional 5 percent in cost-share funding.

| CROP NUTRIENT PLANNING | |
|---|-------------------------------|
| What year did you last complete a Crop Nutrient Plan for this farm? | |
| What type of advisor did you use for your planning? | |
| Does the plan contribute to your ongoing production practices? | Yes No |
| What township was the plan implemented in? | |
| COVER CROPS | |
| Do you use cover crops annually? | Yes No |
| If no, what was the most recent year you used cover crops? | |
| How many acres do you use cover crops on annually? | acres owned acres rented |
| Have you used a cover crops species that flowers? | Yes No |
| If so, did you allow the cover crops to flower before termination? | Yes No |
| Are your cover crops typically left in the field over winter? | Yes No |
| What township was this implemented in? | |
| RIPARIAN BUFFER STRIPS | |
| What is the length and width of your riparian buffer strip? | metres length metres width |
| What year did you plant your most recent buffer strip? | |
| What township was this implemented in? | |

| WINDBREAKS AND WINDSTRIPS | |
|--|---------------------------------|
| How many acres of fields are protected by windbreaks/wind strips: (e.g., 50 acre field with windbreaks = 50 acres) | acres owned acres rented |
| What year did you last plant a windbreak or wind strip? | |
| Do the plants in the windbreak or wind strip provide food sources (such as flowers), nesting sites or host plants for pollinators? | Yes No |
| Do you perform annual maintenance on your windbreak(s)/wind strip(s)? | Yes No |
| What township was this implemented in? | |
| FRAGILE LAND RETIREMENT | |
| Please indicate the number of acres of fragile land you have retired in the last 5 years | acres |
| Do the plants on your retired fragile land provide food sources (such as flowers), nesting sites or host plants for pollinators? | Yes No |
| What township was this implemented in? | |
| STRUCTURAL EROSION CONTROL | |
| When was the erosion control structure implemented? | |
| Was the erosion control structure designed by an engineer? | Yes No |
| What township was this implemented in? | |

| TILLAGE AND NUTRIENT APPLICATION EQUIPMENT MODIFICATIONS | |
|---|--|
| How many acres are under no-till practices? | acres owned acres rented |
| How many years have no-tillage practices been implemented? | |
| How many acres are under strip-till practices? | acres owned acres rented |
| How many years have strip-tillage practices been implemented? | |
| Do you have 3 or more crops in your rotation? | Yes No |
| What township was this implemented in? | |
| EQUIPMENT MODIFICATIONS TO REDUCE SOIL COMPACTION | |
| Do you have an on-the-go tire inflation system? | Yes No |
| If yes, when was the system installed? | |
| Do you use high flotation tires to reduce soil compaction? | Yes No |
| If yes, how many acres are impacted through use of this equipment? | acres owned acres rented |
| What township was this implemented in? | |
| ADDING ORGANIC AMENDMENTS TO SOIL | |
| How many acres do you apply organic amendments to? | acres owned acres rented |
| What type of material do you apply to your fields? (Check all that apply) | Manure Biosolids Compost Anaerobic digestate Other, specify: |
| Is adding organic amendments a regular annual practice for your farm? | Yes No |
| If no, what was the most recent year you used this practice? | |
| What township was this implemented in? | |

EQUIPMENT MODIFICATIONS TO IMPROVE MANURE APPLICATION

| | |
|--|--|
| <p>How did you modify equipment to better apply organic amendments? (Check all that apply)</p> | <p>Direct injection Below canopy Incorporation or pre-tillage Better rate and flow accuracy Safety controls and monitoring</p> |
| <p>What was the most recent year you modified equipment for the application of organic amendments?</p> | |
| <p>Since the equipment was modified, has it been used in each year of production?</p> | <p>Yes No</p> |
| <p>How many acres are impacted by the use of this equipment</p> | <p>acres</p> |
| <p>What township was this implemented in?</p> | |