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AGRICULTURAL  
PARTNERSHIP**  
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**LEADS**  
LAKE ERIE  
AGRICULTURE  
DEMONSTRATING  
SUSTAINABILITY

# FARMLAND HEALTH CHECK-UP

PRODUCER NAME

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CONSULTANT NAME

DATE OF COMPLETION

---



**Ontario**  **Canada** 

# FARMLAND HEALTH CHECK UP

Welcome to the Farmland Health Check-Up workbook. Working through this check-up will help you explore both the successes and the challenges of soil and pollinator health on your farm.

## BEFORE YOU START

The Farmland Health Check-Up asks for information from the last five years. A little preparation will allow for maximum discussion time with your Certified Crop Advisor. Before your Farmland Health Check-Up visit with your CCA/PAG, please gather the following:

- YOUR MOST RECENT VERSION OF THE ENVIRONMENTAL FARM PLAN (EFP)\***
- TWO MOST RECENT SOIL TEST RESULTS (EVEN IF THEY ARE NOT PARTICULARLY RECENT)**
- PLANTING, FERTILIZATION, TILLAGE, MANURE APPLICATION, WEED AND PEST MANAGEMENT RECORDS**
- YIELD DATA**
- CROP ROTATION AND COVER CROP INFORMATION**
- ANY RECORDS OF CROP FAILURES, SEVERE WEATHER, ETC.**
- FIELD, SOIL OR OTHER USEFUL MAPS**
- NUTRIENT MANAGEMENT PLANS**
- ANY OTHER INFORMATION ABOUT SOIL OR POLLINATOR HEALTH TOPICS YOU WANT TO DISCUSS AT THIS TIME**

\*Your EFP, if you have completed one, has a lot of the basic soil information needed to start this assessment.

If you have not completed a 4th edition EFP workshop and had your EFP Action Plan verified complete, you will need to complete one to be eligible for select cost-share opportunities.

Information about the EFP is available on the Ontario Soil and Crop Improvement Association's website, at [www.ontariosoilcrop.org](http://www.ontariosoilcrop.org).

**YOUR CCA/PAG WILL COMPLETE AN ASSESSMENT OF YOUR SOIL AND POLLINATOR HEALTH USING A DETAILED SYSTEM, AND DEVELOP A LIST OF BEST MANAGEMENT PRACTICES THAT ARE TARGETED FOR YOUR OPERATION.**

## FARMLAND HEALTH CHECK UP

FIRST NAME

LAST NAME

FARM BUSINESS NAME

PRIMARY PHONE

SECONDARY PHONE

OWNED ACRES

RENTED ACRES

PRIMARY COMMODITY

SECONDARY COMMODITY

THE FIELDS USED IN THIS CHECK-UP WERE PART OF:

1. ENVIRONMENTAL FARM  
PLAN WORKSHOP

YES  NO

2. VERIFIED ACTION PLAN  
COMPLETED IN THE LAST 5 YEARS

YES  NO

## GENERAL INFORMATION

ADDRESS (LINE 1)

ADDRESS (LINE 2)

CITY/TOWN

PROVINCE

POSTAL CODE

EMAIL ADDRESS

LOT

CONCESSION

TOWNSHIP

COUNTY

## FIELD INFORMATION

FIELD 1 NAME  
(LEAST CHALLENGING)

OWNED  RENTED

NUMBER OF YEARS  
MANAGING

NUMBER OF ACRES

MAJOR WATERSHED

SUB-WATERSHED

GPS COORDINATES\*

LATITUDE LONGITUDE

 

REASON FOR SELECTION

FIELD 2 NAME  
(CHALLENGING)

OWNED  RENTED

NUMBER OF YEARS  
MANAGING

NUMBER OF ACRES

MAJOR WATERSHED

SUB-WATERSHED

GPS COORDINATES\*

LATITUDE LONGITUDE

 

REASON FOR SELECTION

FIELD 3 NAME  
(MOST CHALLENGING)

OWNED  RENTED

NUMBER OF YEARS  
MANAGING

NUMBER OF ACRES

MAJOR WATERSHED

SUB-WATERSHED

GPS COORDINATES\*

LATITUDE LONGITUDE

 

REASON FOR SELECTION

\*GPS COORDINATES FOR THE MOST NORTH-WEST CORNER OF THE FIELD

**Q 2.1**

**SECTION 2: SOIL HEALTH**

**WHY DID YOU IDENTIFY THESE FIELDS AS BEING CHALLENGING?**

**WHY DID YOU IDENTIFY FIELD 3 AS THE MOST CHALLENGING FIELD?**

**ARE THESE ISSUES SOMETHING YOU CAN CHANGE OR DID THEY COME WITH THE FARM?**

**GENERAL SOIL INFORMATION**

**WHAT HAS CHANGED IN THE LAST 5 YEARS ON EACH FIELD AND YOUR FARM AS A WHOLE?**

**WHAT DO YOU THINK MAY BE THE CAUSE OF LOWER YIELDS?**

**ARE THERE FARMING PRACTICES OR A BMP THAT YOU HAVE TRIED AND DISCONTINUED? WHY?**

## Q2.2

### SOIL INFORMATION

FIELD 1 (LEAST CHALLENGING)  
NAME

SOIL MAP UNIT SYMBOL

SURFACE TEXTURE

HYDROLOGIC SOIL GROUP

NATURAL DRAINAGE CLASS

EROSION FACTOR

1  2  3  4

SOIL COMPACTION POTENTIAL

LOW  MED  HIGH

TILE DRAINAGE

FIELD 2 (CHALLENGING)  
NAME

SOIL MAP UNIT SYMBOL

SURFACE TEXTURE

HYDROLOGIC SOIL GROUP

NATURAL DRAINAGE CLASS

EROSION FACTOR

1  2  3  4

SOIL COMPACTION POTENTIAL

LOW  MED  HIGH

TILE DRAINAGE

FIELD 3 (MOST CHALLENGING)  
NAME

SOIL MAP UNIT SYMBOL

SURFACE TEXTURE

HYDROLOGIC SOIL GROUP

NATURAL DRAINAGE CLASS

EROSION FACTOR

1  2  3  4

SOIL COMPACTION POTENTIAL

LOW  MED  HIGH

TILE DRAINAGE

Q 2.3

### SLOPE INFORMATION

FIELD 1 (LEAST CHALLENGING)  
NAME

SLOPE CLASS

- LEVEL < 2% (A, a, B, b)
- SLOPING 2-5% (C, c)
- HILLY > 5% (D, d, E, e, F, f)

LENGTH (FEET)

- 50 - 99       300 - 399
- 100 - 199     400 - 499
- 200 - 299     500 +

SLOPE COMPLEXITY

- SIMPLE
- COMPLEX

FIELD 2 (CHALLENGING)  
NAME

SLOPE CLASS

- LEVEL < 2% (A, a, B, b)
- SLOPING 2-5% (C, c)
- HILLY > 5% (D, d, E, e, F, f)

LENGTH (FEET)

- 50 - 99       300 - 399
- 100 - 199     400 - 499
- 200 - 299     500 +

SLOPE COMPLEXITY

- SIMPLE
- COMPLEX

FIELD 3 (MOST CHALLENGING)  
NAME

SLOPE CLASS

- LEVEL < 2% (A, a, B, b)
- SLOPING 2-5% (C, c)
- HILLY > 5% (D, d, E, e, F, f)

LENGTH (FEET)

- 50 - 99       300 - 399
- 100 - 199     400 - 499
- 200 - 299     500 +

SLOPE COMPLEXITY

- SIMPLE
- COMPLEX

**Q 2.4**

**CROP ROTATION - 5 YEARS - FIELD 1 (LEAST CHALLENGING)**

<b>YEAR</b>	<b>CROP</b>	<b>YIELD</b>	<b>YIELD UNITS</b>	<b>COUNTY AVG.</b>	<b>UNITS</b>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>COVER CROP</b>	<b>COVER CROP NUMBER OF SPECIES</b>		<b>SINGLE SPECIES TYPE</b>		
<input type="text"/>	<input type="radio"/> 1	<input type="radio"/> 2-3	<input type="radio"/> 4-6	<input type="radio"/> 7+	<input type="text"/>
<b>COVER CROP GOAL</b>	<b>TIMING:</b>		<b># SPRING PASSES</b>	<b># FALL PASSES</b>	
<input type="text"/>	<input type="radio"/> INTER-SEEDED	<input type="radio"/> AFTER HARVEST	<input type="text"/>	<input type="text"/>	
<b>TILLAGE</b>	<b>% SOIL COVER: GOING INTO WINTER</b>		<input type="text"/>	<b>AFTER PLANTING</b>	<input type="text"/>

<b>YEAR</b>	<b>CROP</b>	<b>YIELD</b>	<b>YIELD UNITS</b>	<b>COUNTY AVG.</b>	<b>UNITS</b>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>COVER CROP</b>	<b>COVER CROP NUMBER OF SPECIES</b>		<b>SINGLE SPECIES TYPE</b>		
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<b>COVER CROP GOAL</b>	<b>TIMING:</b>		<b># SPRING PASSES</b>	<b># FALL PASSES</b>	
<input type="text"/>	<input type="radio"/> INTER-SEEDED	<input type="radio"/> AFTER HARVEST	<input type="text"/>	<input type="text"/>	
<b>TILLAGE</b>	<b>% SOIL COVER: GOING INTO WINTER</b>		<input type="text"/>	<b>AFTER PLANTING</b>	<input type="text"/>



## Q 2.4

## CROP ROTATION - 5 YEARS - FIELD 1 (LEAST CHALLENGING)

YEAR	CROP	YIELD	YIELD UNITS	COUNTY AVG.	UNITS
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
COVER CROP	COVER CROP NUMBER OF SPECIES		SINGLE SPECIES TYPE		
<input type="text"/>	<input type="radio"/> 1	<input type="radio"/> 2-3	<input type="radio"/> 4-6	<input type="radio"/> 7+	<input type="text"/>
COVER CROP GOAL	TIMING:		# SPRING PASSES	# FALL PASSES	
<input type="text"/>	<input type="radio"/> INTER-SEEDED	<input type="radio"/> AFTER HARVEST	<input type="text"/>	<input type="text"/>	
TILLAGE	% SOIL COVER:		GOING INTO WINTER	AFTER PLANTING	
<input type="text"/>			<input type="text"/>	<input type="text"/>	

YEAR	CROP	YIELD	YIELD UNITS	COUNTY AVG.	UNITS
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
COVER CROP	COVER CROP NUMBER OF SPECIES		SINGLE SPECIES TYPE		
<input type="text"/>	<input type="radio"/> 1	<input type="radio"/> 2-3	<input type="radio"/> 4-6	<input type="radio"/> 7+	<input type="text"/>
COVER CROP GOAL	TIMING:		# SPRING PASSES	# FALL PASSES	
<input type="text"/>	<input type="radio"/> INTER-SEEDED	<input type="radio"/> AFTER HARVEST	<input type="text"/>	<input type="text"/>	
TILLAGE	% SOIL COVER:		GOING INTO WINTER	AFTER PLANTING	
<input type="text"/>			<input type="text"/>	<input type="text"/>	

Q 2.4

CROP ROTATION - 5 YEARS - FIELD 1 (LEAST CHALLENGING)

YEAR	CROP	YIELD	YIELD UNITS	COUNTY AVG.	UNITS
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
COVER CROP	COVER CROP NUMBER OF SPECIES			SINGLE SPECIES TYPE	
<input type="text"/>	<input type="radio"/> 1	<input type="radio"/> 2-3	<input type="radio"/> 4-6	<input type="radio"/> 7+	<input type="text"/>
COVER CROP GOAL	TIMING:		# SPRING PASSES	# FALL PASSES	
<input type="text"/>	<input type="radio"/> INTER-SEEDED	<input type="radio"/> AFTER HARVEST	<input type="text"/>	<input type="text"/>	
TILLAGE	% SOIL COVER: GOING INTO WINTER		<input type="text"/>	AFTER PLANTING <input type="text"/>	
<input type="text"/>					

## Q 2.4

## CROP ROTATION - 5 YEARS - FIELD 2 (CHALLENGING)

<b>YEAR</b>	<b>CROP</b>	<b>YIELD</b>	<b>YIELD UNITS</b>	<b>COUNTY AVG.</b>	<b>UNITS</b>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>COVER CROP</b>	<b>COVER CROP NUMBER OF SPECIES</b>			<b>SINGLE SPECIES TYPE</b>	
<input type="text"/>	<input type="radio"/> 1	<input type="radio"/> 2-3	<input type="radio"/> 4-6	<input type="radio"/> 7+	<input type="text"/>
<b>COVER CROP GOAL</b>	<b>TIMING:</b>		<b># SPRING PASSES</b>	<b># FALL PASSES</b>	
<input type="text"/>	<input type="radio"/> INTER-SEEDED	<input type="radio"/> AFTER HARVEST	<input type="text"/>	<input type="text"/>	
<b>TILLAGE</b>	<b>% SOIL COVER: GOING INTO WINTER</b>		<input type="text"/>	<b>AFTER PLANTING</b>	<input type="text"/>

<b>YEAR</b>	<b>CROP</b>	<b>YIELD</b>	<b>YIELD UNITS</b>	<b>COUNTY AVG.</b>	<b>UNITS</b>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>COVER CROP</b>	<b>COVER CROP NUMBER OF SPECIES</b>			<b>SINGLE SPECIES TYPE</b>	
<input type="text"/>	<input type="radio"/> 1	<input type="radio"/> 2-3	<input type="radio"/> 4-6	<input type="radio"/> 7+	<input type="text"/>
<b>COVER CROP GOAL</b>	<b>TIMING:</b>		<b># SPRING PASSES</b>	<b># FALL PASSES</b>	
<input type="text"/>	<input type="radio"/> INTER-SEEDED	<input type="radio"/> AFTER HARVEST	<input type="text"/>	<input type="text"/>	
<b>TILLAGE</b>	<b>% SOIL COVER: GOING INTO WINTER</b>		<input type="text"/>	<b>AFTER PLANTING</b>	<input type="text"/>

**Q 2.4**

**CROP ROTATION - 5 YEARS - FIELD 2 (CHALLENGING)**

<b>YEAR</b>	<b>CROP</b>	<b>YIELD</b>	<b>YIELD UNITS</b>	<b>COUNTY AVG.</b>	<b>UNITS</b>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>COVER CROP</b>	<b>COVER CROP NUMBER OF SPECIES</b>		<b>SINGLE SPECIES TYPE</b>		
<input type="text"/>	<input type="radio"/> 1	<input type="radio"/> 2-3	<input type="radio"/> 4-6	<input type="radio"/> 7+	<input type="text"/>
<b>COVER CROP GOAL</b>	<b>TIMING:</b>		<b># SPRING PASSES</b>	<b># FALL PASSES</b>	
<input type="text"/>	<input type="radio"/> INTER-SEEDED	<input type="radio"/> AFTER HARVEST	<input type="text"/>	<input type="text"/>	
<b>TILLAGE</b>	<b>% SOIL COVER: GOING INTO WINTER</b>		<input type="text"/>	<b>AFTER PLANTING</b>	<input type="text"/>

<b>YEAR</b>	<b>CROP</b>	<b>YIELD</b>	<b>YIELD UNITS</b>	<b>COUNTY AVG.</b>	<b>UNITS</b>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>COVER CROP</b>	<b>COVER CROP NUMBER OF SPECIES</b>		<b>SINGLE SPECIES TYPE</b>		
<input type="text"/>	<input type="radio"/> 1	<input type="radio"/> 2-3	<input type="radio"/> 4-6	<input type="radio"/> 7+	<input type="text"/>
<b>COVER CROP GOAL</b>	<b>TIMING:</b>		<b># SPRING PASSES</b>	<b># FALL PASSES</b>	
<input type="text"/>	<input type="radio"/> INTER-SEEDED	<input type="radio"/> AFTER HARVEST	<input type="text"/>	<input type="text"/>	
<b>TILLAGE</b>	<b>% SOIL COVER: GOING INTO WINTER</b>		<input type="text"/>	<b>AFTER PLANTING</b>	<input type="text"/>

## Q 2.4

## CROP ROTATION - 5 YEARS - FIELD 2 (CHALLENGING)

YEAR	CROP	YIELD	YIELD UNITS	COUNTY AVG.	UNITS
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
COVER CROP	COVER CROP NUMBER OF SPECIES			SINGLE SPECIES TYPE	
<input type="text"/>	<input type="radio"/> 1	<input type="radio"/> 2-3	<input type="radio"/> 4-6	<input type="radio"/> 7+	<input type="text"/>
COVER CROP GOAL	TIMING:		# SPRING PASSES	# FALL PASSES	
<input type="text"/>	<input type="radio"/> INTER-SEEDED	<input type="radio"/> AFTER HARVEST	<input type="text"/>	<input type="text"/>	
TILLAGE	% SOIL COVER: GOING INTO WINTER		<input type="text"/>	AFTER PLANTING <input type="text"/>	
<input type="text"/>					

**Q 2.4**

**CROP ROTATION - 5 YEARS - FIELD 3 (MOST CHALLENGING)**

<b>YEAR</b>	<b>CROP</b>	<b>YIELD</b>	<b>YIELD UNITS</b>	<b>COUNTY AVG.</b>	<b>UNITS</b>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>COVER CROP</b>	<b>COVER CROP NUMBER OF SPECIES</b>		<b>SINGLE SPECIES TYPE</b>		
<input type="text"/>	<input type="radio"/> 1	<input type="radio"/> 2-3	<input type="radio"/> 4-6	<input type="radio"/> 7+	<input type="text"/>
<b>COVER CROP GOAL</b>	<b>TIMING:</b>		<b># SPRING PASSES</b>	<b># FALL PASSES</b>	
<input type="text"/>	<input type="radio"/> INTER-SEEDED	<input type="radio"/> AFTER HARVEST	<input type="text"/>	<input type="text"/>	
<b>TILLAGE</b>	<b>% SOIL COVER: GOING INTO WINTER</b>		<input type="text"/>	<b>AFTER PLANTING</b>	<input type="text"/>

<b>YEAR</b>	<b>CROP</b>	<b>YIELD</b>	<b>YIELD UNITS</b>	<b>COUNTY AVG.</b>	<b>UNITS</b>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>COVER CROP</b>	<b>COVER CROP NUMBER OF SPECIES</b>		<b>SINGLE SPECIES TYPE</b>		
<input type="text"/>	<input type="radio"/> 1	<input type="radio"/> 2-3	<input type="radio"/> 4-6	<input type="radio"/> 7+	<input type="text"/>
<b>COVER CROP GOAL</b>	<b>TIMING:</b>		<b># SPRING PASSES</b>	<b># FALL PASSES</b>	
<input type="text"/>	<input type="radio"/> INTER-SEEDED	<input type="radio"/> AFTER HARVEST	<input type="text"/>	<input type="text"/>	
<b>TILLAGE</b>	<b>% SOIL COVER: GOING INTO WINTER</b>		<input type="text"/>	<b>AFTER PLANTING</b>	<input type="text"/>

## Q 2.4

## CROP ROTATION - FIVE YEARS - FIELD 3 (MOST CHALLENGING)

YEAR	CROP	YIELD	YIELD UNITS	COUNTY AVG.	UNITS
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>COVER CROP</b>	<b>COVER CROP NUMBER OF SPECIES</b>		<b>SINGLE SPECIES TYPE</b>		
<input type="text"/>	<input type="radio"/> 1	<input type="radio"/> 2-3	<input type="radio"/> 4-6	<input type="radio"/> 7+	<input type="text"/>
<b>COVER CROP GOAL</b>	<b>TIMING:</b>		<b># SPRING PASSES</b>	<b># FALL PASSES</b>	
<input type="text"/>	<input type="radio"/> INTER-SEEDED	<input type="radio"/> AFTER HARVEST	<input type="text"/>	<input type="text"/>	
<b>TILLAGE</b>	<b>% SOIL COVER: GOING INTO WINTER</b>		<input type="text"/>	<b>AFTER PLANTING</b>	<input type="text"/>

YEAR	CROP	YIELD	YIELD UNITS	COUNTY AVG.	UNITS
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>COVER CROP</b>	<b>COVER CROP NUMBER OF SPECIES</b>		<b>SINGLE SPECIES TYPE</b>		
<input type="text"/>	<input type="radio"/> 1	<input type="radio"/> 2-3	<input type="radio"/> 4-6	<input type="radio"/> 7+	<input type="text"/>
<b>COVER CROP GOAL</b>	<b>TIMING:</b>		<b># SPRING PASSES</b>	<b># FALL PASSES</b>	
<input type="text"/>	<input type="radio"/> INTER-SEEDED	<input type="radio"/> AFTER HARVEST	<input type="text"/>	<input type="text"/>	
<b>TILLAGE</b>	<b>% SOIL COVER: GOING INTO WINTER</b>		<input type="text"/>	<b>AFTER PLANTING</b>	<input type="text"/>

Q 2.4

CROP ROTATION - 5 YEARS - FIELD 3 (MOST CHALLENGING)

YEAR	CROP	YIELD	YIELD UNITS	COUNTY AVG.	UNITS
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
COVER CROP	COVER CROP NUMBER OF SPECIES			SINGLE SPECIES TYPE	
<input type="text"/>	<input type="radio"/> 1	<input type="radio"/> 2-3	<input type="radio"/> 4-6	<input type="radio"/> 7+	<input type="text"/>
COVER CROP GOAL	TIMING:		# SPRING PASSES	# FALL PASSES	
<input type="text"/>	<input type="radio"/> INTER-SEEDED	<input type="radio"/> AFTER HARVEST	<input type="text"/>	<input type="text"/>	
TILLAGE	% SOIL COVER: GOING INTO WINTER		<input type="text"/>	AFTER PLANTING <input type="text"/>	



## Q 2.5

## SOIL CRUSTING INFORMATION

FIELD 1 (LEAST CHALLENGING)  
NAME

NUMBER OF TIMES CRUSTING  
WAS OBSERVED

0     2     4  
 1     3     5

IMPACT ON EMERGENCE

LOCATION

% OF FIELD IMPACTED

<25%  
 26-50%  
 51-75%  
 >76%

FIELD 2 (CHALLENGING)  
NAME

NUMBER OF TIMES CRUSTING  
WAS OBSERVED

0     2     4  
 1     3     5

IMPACT ON EMERGENCE

LOCATION

% OF FIELD IMPACTED

<25%  
 26-50%  
 51-75%  
 >76%

FIELD 3 (MOST CHALLENGING)  
NAME

NUMBER OF TIMES CRUSTING  
WAS OBSERVED

0     2     4  
 1     3     5

IMPACT ON EMERGENCE

LOCATION

% OF FIELD IMPACTED

<25%  
 26-50%  
 51-75%  
 >76%

## Q 2.6

### SOIL EROSION INFORMATION

FIELD 1 (LEAST CHALLENGING)  
NAME

FIELD 2 (CHALLENGING)  
NAME

FIELD 3 (MOST CHALLENGING)  
NAME

OVER THE LAST 5 YEARS, HAS THERE BEEN EVIDENCE OF EROSION ON FIELDS 1, 2 OR 3?

1	2	3	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	SUBSOIL IS EXPOSED ON THE KNOLLS
1	2	3	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	KNOLLS ARE A DIFFERENT COLOUR THAN THE REST OF THE FIELD
1	2	3	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	CROP GROWTH IS INCONSISTENT, ESPECIALLY ON THE KNOLLS
1	2	3	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	RILLS AND/OR GULLIES EXIST
1	2	3	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	SOIL ACCUMULATES WITH SURFACE WATER RUNOFF IN LOW AREAS OF THE FIELD AFTER A HEAVY RAIN
1	2	3	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	OTHER: <input type="text"/>

1	2	3	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	DIRTY SNOW OBSERVED
1	2	3	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	BLOWING SOIL IS OBSERVED DURING WINDY CONDITIONS
1	2	3	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	IN THE SPRING, THERE IS EVIDENCE THAT SOIL HAS BEEN CARRIED INTO THE DITCHES
1	2	3	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	STREAMBANK EROSION
1	2	3	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	THERE IS NO EVIDENCE OF EROSION

## Q2.7

## CONSERVATION PRACTICE INFORMATION

WHICH OF THESE CONSERVATION PRACTICES ALREADY EXIST ON YOUR FIELDS?

FIELD

1 2 3  
   COVER CROPS – WINTER HARDY  
OVER WINTERED

1 2 3  
   COVER CROPS – FALL/WINTER  
TERMINATED UNDISTURBED

1 2 3  
   COVER CROPS – TARGETED

1 2 3  
   COVER CROPS – WIND STRIPS

1 2 3  
   COVER CROPS – FALL  
INCORPORATED

1 2 3  
   CROSS SLOPE OR CONTOUR  
CROPPING (WHOLE FIELD)

1 2 3  
   STRIP CROPPING – CROSS  
SLOPE OR CONTOUR

1 2 3  
   OTHER:

FIELD

1 2 3  
   BUFFER STRIPS ALONG SURFACE  
WATER FEATURES

1 2 3  
   GRASSED WATERWAYS

1 2 3  
   TREE WINDBREAKS AND/OR  
SHELTERBELTS

1 2 3  
   TILE OUTLET PROTECTION

1 2 3  
   DROP STRUCTURES

1 2 3  
   TERRACES/DIVERSION TERRACES

1 2 3  
   WASCOS (WATER AND SEDIMENT  
CONTROL BASINS)

## EARTHWORM ACTIVITY + WATER INFILTRATION INFORMATION

**FIELD 1 (LEAST CHALLENGING)  
NAME**

**INDICATION OF EARTHWORM  
ACTIVITY**

- NO VISIBLE SIGNS, OR UNSURE OF SIGNS
- SOME VISIBLE SIGNS (E.G. A FEW HOLES, CASTS OR MIDDENS)
- MANY VISIBLE SIGNS (E.G. MORE THAN 15 MIDDENS/M2)

**HOW LONG DOES WATER ON THE SOIL SURFACE POND FOR AFTER A HEAVY RAINFALL DURING THE GROWING SEASON?**

- NEVER       OVER 24 HOURS
- UP TO 6 HOURS       UNSURE
- UP TO 24 HOURS

**FIELD 2 (CHALLENGING)  
NAME**

**INDICATION OF EARTHWORM  
ACTIVITY**

- NO VISIBLE SIGNS, OR UNSURE OF SIGNS
- SOME VISIBLE SIGNS (E.G. A FEW HOLES, CASTS OR MIDDENS)
- MANY VISIBLE SIGNS (E.G. MORE THAN 15 MIDDENS/M2)

**HOW LONG DOES WATER ON THE SOIL SURFACE POND FOR AFTER A HEAVY RAINFALL DURING THE GROWING SEASON?**

- NEVER       OVER 24 HOURS
- UP TO 6 HOURS       UNSURE
- UP TO 24 HOURS

**FIELD 3 (MOST CHALLENGING)  
NAME**

**INDICATION OF EARTHWORM  
ACTIVITY**

- NO VISIBLE SIGNS, OR UNSURE OF SIGNS
- SOME VISIBLE SIGNS (E.G. A FEW HOLES, CASTS OR MIDDENS)
- MANY VISIBLE SIGNS (E.G. MORE THAN 15 MIDDENS/M2)

**HOW LONG DOES WATER ON THE SOIL SURFACE POND FOR AFTER A HEAVY RAINFALL DURING THE GROWING SEASON?**

- NEVER       OVER 24 HOURS
- UP TO 6 HOURS       UNSURE
- UP TO 24 HOURS

## Q 2.9

## CROP GROWTH INFORMATION

FIELD 1 (LEAST CHALLENGING)  
NAME

AFTER ESTABLISHED, HOW  
EVENLY DOES THE CROP GROW  
ACROSS THE FIELD?

- GROWTH IS UNIFORM
- SOME PARTS HAVE POOR  
GROWTH
- NO DISCERNABLE  
PATTERN (VARIABLE BY  
YEAR OR SPATIALLY)
- SHOULDER SLOPE/KNOLL  
IN A DRY YEAR
- LOW AREA
- UNSURE

WHERE DID THIS OCCUR?

FIELD 2 (CHALLENGING)  
NAME

AFTER ESTABLISHED, HOW  
EVENLY DOES THE CROP GROW  
ACROSS THE FIELD?

- GROWTH IS UNIFORM
- SOME PARTS HAVE POOR  
GROWTH
- NO DISCERNABLE  
PATTERN (VARIABLE BY  
YEAR OR SPATIALLY)
- SHOULDER SLOPE/KNOLL  
IN A DRY YEAR
- LOW AREA
- UNSURE

WHERE DID THIS OCCUR?

FIELD 3 (MOST CHALLENGING)  
NAME

AFTER ESTABLISHED, HOW  
EVENLY DOES THE CROP GROW  
ACROSS THE FIELD?

- GROWTH IS UNIFORM
- SOME PARTS HAVE POOR  
GROWTH
- NO DISCERNABLE  
PATTERN (VARIABLE BY  
YEAR OR SPATIALLY)
- SHOULDER SLOPE/KNOLL  
IN A DRY YEAR
- LOW AREA
- UNSURE

WHERE DID THIS OCCUR?

## Q2.10

### SOIL COMPACTION INFORMATION

**FIELD 1 (LEAST CHALLENGING)  
NAME**

**IS THERE SOIL COMPACTION?**

YES  NO

**LOCATION OF COMPACTION**

**IS IT HAVING AN IMPACT ON:**

**DRAINAGE/INFILTRATION**

YES  NO

**CROP GROWTH**

YES  NO

**YIELD REDUCTION**

YES  NO

**FIELD 2 (CHALLENGING)  
NAME**

**IS THERE SOIL COMPACTION?**

YES  NO

**LOCATION OF COMPACTION**

**IS IT HAVING AN IMPACT ON:**

**DRAINAGE/INFILTRATION**

YES  NO

**CROP GROWTH**

YES  NO

**YIELD REDUCTION**

YES  NO

**FIELD 3 (MOST CHALLENGING)  
NAME**

**IS THERE SOIL COMPACTION?**

YES  NO

**LOCATION OF COMPACTION**

**IS IT HAVING AN IMPACT ON:**

**DRAINAGE/INFILTRATION**

YES  NO

**CROP GROWTH**

YES  NO

**YIELD REDUCTION**

YES  NO

## Q2.11

## SOIL COMPACTION REDUCTION PRACTICES INFORMATION

**FIELD 1 (LEAST CHALLENGING)  
NAME**

**WHAT PRACTICES DO YOU USE  
TO REDUCE SOIL COMPACTION?**

- LIMIT FREQUENCY OF TRAFFIC
- LIMIT TRAFFIC TO SPECIFIC AREAS (E.G. TRAMLINES)
- AVOID TRAFFIC IN THE FIELD WHEN CONDITIONS ARE NOT SUITABLE
- LIMIT LOAD TO < 5 TONNES PER AXEL
- USE OF RADIAL/LARGE DIAMETER TIRES, DUALS OR A TRACK SYSTEM
- REDUCE TIRE PRESSURE IN THE FIELD
- TRUCKS/WAGONS ARE OFF THE FIELD, OR LIMITED TO HEADLANDS

**OTHER:**

**FIELD 2 (CHALLENGING)  
NAME**

**WHAT PRACTICES DO YOU USE  
TO REDUCE SOIL COMPACTION?**

- LIMIT FREQUENCY OF TRAFFIC
- LIMIT TRAFFIC TO SPECIFIC AREAS (E.G. TRAMLINES)
- AVOID TRAFFIC IN THE FIELD WHEN CONDITIONS ARE NOT SUITABLE
- LIMIT LOAD TO < 5 TONNES PER AXEL
- USE OF RADIAL/LARGE DIAMETER TIRES, DUALS OR A TRACK SYSTEM
- REDUCE TIRE PRESSURE IN THE FIELD
- TRUCKS/WAGONS ARE OFF THE FIELD, OR LIMITED TO HEADLANDS

**OTHER:**

**FIELD 3 (MOST CHALLENGING)  
NAME**

**WHAT PRACTICES DO YOU USE  
TO REDUCE SOIL COMPACTION?**

- LIMIT FREQUENCY OF TRAFFIC
- LIMIT TRAFFIC TO SPECIFIC AREAS (E.G. TRAMLINES)
- AVOID TRAFFIC IN THE FIELD WHEN CONDITIONS ARE NOT SUITABLE
- LIMIT LOAD TO < 5 TONNES PER AXEL
- USE OF RADIAL/LARGE DIAMETER TIRES, DUALS OR A TRACK SYSTEM
- REDUCE TIRE PRESSURE IN THE FIELD
- TRUCKS/WAGONS ARE OFF THE FIELD, OR LIMITED TO HEADLANDS

**OTHER:**

## SECTION 3: WATER QUALITY + NUTRIENT MANAGEMENT

### SOIL SAMPLING PROTOCOL

I HIRE SOMEONE AND UNSURE OF PROTOCOL

NO CONSISTENT STRATEGY FOLLOWED

#### SOIL IS SAMPLED EVERY

YEAR

2-3 YEARS

4-5 YEARS

ROTATION CYCLE

INFREQUENTLY (6+ YEARS)

#### SOIL SAMPLES REPRESENT

EACH FIELD       25 AC (10 HA)

HALF A FIELD       LESS THAN 25 AC (10 HA)

#### SAMPLED AREAS ARE DIVIDED BASED ON

SIMILAR SIZED AREAS

SOIL TYPES/TOPOGRAPHY

CROP PERFORMANCE

#### WHEN ARE SAMPLES TAKEN?

WHENEVER I HAVE TIME

AROUND THE SAME TIME OF YEAR  
(E.G. ALWAYS EARLY SEPTEMBER)

AT THE SAME STAGE OF THE ROTATION  
(E.G. ALWAYS AFTER WHEAT)

AT THE SAME TIME OF YEAR AND  
THE SAME STAGE OF ROTATION

#### SOIL SAMPLES ARE SUBMITTED TO AN OMAFRA ACCREDITED LAB FOR ANALYSIS

YES       NO



## Q 3.2

## SOIL TEST RESULTS

FIELD 1 (LEAST CHALLENGING)  
NAME

SOIL TEST DATE

ORGANIC MATTER PERCENTAGE

AVG.      MIN.      MAX.

            

PHOSPHORUS (BICARB TEST)  
AVERAGE AMOUNT (PPM)

AVG.      MIN.      MAX.

            

PH LEVEL

AVG.      MIN.      MAX.

            

FIELD 2 (CHALLENGING)  
NAME

SOIL TEST DATE

ORGANIC MATTER PERCENTAGE

AVG.      MIN.      MAX.

            

PHOSPHORUS (BICARB TEST)  
AVERAGE AMOUNT (PPM)

AVG.      MIN.      MAX.

            

PH LEVEL

AVG.      MIN.      MAX.

            

FIELD 3 (MOST CHALLENGING)  
NAME

SOIL TEST DATE

ORGANIC MATTER PERCENTAGE

AVG.      MIN.      MAX.

            

PHOSPHORUS (BICARB TEST)  
AVERAGE AMOUNT (PPM)

AVG.      MIN.      MAX.

            

PH LEVEL

AVG.      MIN.      MAX.

## FERTILIZER APPLICATION INFORMATION

WHICH FACTORS INFORM YOUR DECISION ON THE AMOUNT OF FERTILIZER NITROGEN TO APPLY?

**FIELD**

1 2 3

OMAFRA RECOMMENDATIONS AND/OR OTHER ACCREDITED AGRONOMIC ADVICE

1 2 3

TISSUE ANALYSIS

1 2 3

PRE SIDEDRESS NITROGEN TEST IS USED TO DETERMINE SIDE-DRESS APPLICATION FOR CORN OR BARLEY

1 2 3

TOOLS AND/OR MODELS (E.G. N CALCULATOR, EFFIGIS, NDVI, IR)

1 2 3

CROP REMOVAL DATA

1 2 3

APPLY THE SAME AMOUNT EVERY YEAR

1 2 3

CROP GROWTH STAGE

**FIELD**

1 2 3

ADJUSTMENTS FOR MANURE AND/OR BIOSOLIDS AND/OR COMPOST

1 2 3

ADJUSTMENTS FOR LEGUMES IN ROTATION

1 2 3

YIELD HISTORY

1 2 3

RECENT AND/OR ANTICIPATED WEATHER

1 2 3

NOT SURE

1 2 3

OTHER:

## Q 3.4

## FERTILIZER APPLICATION INFORMATION

WHICH FACTORS INFORM YOUR DECISION ON THE AMOUNT OF FERTILIZER NITROGEN TO APPLY?

- OMAFRA RECOMMENDATIONS AND/OR OTHER ACCREDITED AGRONOMIC ADVICE
- TISSUE ANALYSIS
- PRE SIDEDRESS NITROGEN TEST IS USED TO DETERMINE SIDE-DRESS APPLICATION FOR CORN OR BARLEY
- TOOLS AND/OR MODELS (E.G. N CALCULATOR, EFFIGIS, NDVI, IR)
- CROP REMOVAL DATA
- APPLY THE SAME AMOUNT EVERY YEAR
- ADJUSTMENTS FOR MANURE AND/OR BIOSOLIDS AND/OR COMPOST
- ADJUSTMENTS FOR LEGUMES IN ROTATION
- YIELD HISTORY
- RECENT AND/OR ANTICIPATED WEATHER
- NOT SURE
- OTHER:

WHICH FACTORS INFORM YOUR DECISION ON THE AMOUNT OF FERTILIZER PHOSPHORUS TO APPLY?

- OMAFRA RECOMMENDATIONS AND/OR OTHER ACCREDITED AGRONOMIC ADVICE
- CROP REMOVAL DATA
- APPLY THE SAME AMOUNT EVERY YEAR
- ADJUSTMENTS FOR MANURE AND/OR BIOSOLIDS AND/OR COMPOST
- YIELD HISTORY
- NOT SURE
- OTHER:

## NITROGEN FERTILIZER APPLICATION INFORMATION

WHEN DID YOU APPLY INORGANIC NITROGEN FERTILIZER?

**FIELD**

1	2	3	
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	ALL PRE-PLANT
1	2	3	
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	ALL AT PLANTING
1	2	3	
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	ALL AT EARLY VEGETATIVE GROWTH STAGE
1	2	3	
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	PRE-PLANT AND PLANTING
1	2	3	
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	PRE-PLANT AND VEGETATIVE GROWTH STAGE
1	2	3	
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	PLANTING AND VEGETATIVE GROWTH STAGE
1	2	3	
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	THROUGHOUT CROP SEASON

HOW DID YOU APPLY INORGANIC NITROGEN FERTILIZER?

**FIELD**

1	2	3	
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	100% INJECTED/INCORPORATED
1	2	3	
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	75% TO 99% INJECTED/ INCORPORATED
1	2	3	
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	50 TO 74% INJECTED/ INCORPORATED
1	2	3	
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<50% INJECTED/INCORPORATED
1	2	3	
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	APPLIED TO A STANDING CROP
1	2	3	
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	NONE INJECTED OR INCORPORATED

## Q 3.6

## PHOSPHORUS FERTILIZER APPLICATION INFORMATION

IN THE LAST CROPPING YEAR, HOW AND WHEN DID YOU APPLY INORGANIC FERTILIZER PHOSPHORUS?

## SPRING

## FIELD

1	2	3	
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	WITH SEED / POP UP
1	2	3	
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	BANDED AT PLANTING
1	2	3	
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	BROADCAST AND INCORPORATED
1	2	3	
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	BROADCAST, BUT NOT INCORPORATED
1	2	3	
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	OTHER:

## FALL

## FIELD

1	2	3	
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	BROADCAST IN A LIVING CROP
1	2	3	
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	BANDED
1	2	3	
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	BROADCAST AND INCORPORATED
1	2	3	
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	BROADCAST, BUT NOT INCORPORATED
1	2	3	
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	OTHER:

## SURFACE AND GROUNDWATER PROTECTION INFORMATION

IN WHICH WAYS DO YOU PREVENT NUTRIENTS, SUCH AS NITROGEN AND PHOSPHOROUS, FROM ENTERING SURFACE OR GROUNDWATER?

FIELD

- |                       |                                  |                       |  |
|-----------------------|----------------------------------|-----------------------|--|
| 1                     | 2                                | 3                     |  |
| <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | MAINTAIN AT LEAST A 3 METER BUFFER TO SURFACE WATER                                    |
| 1                     | 2                                | 3                     |  |
| <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | MAINTAIN AN APPROPRIATE SETBACK FROM ANY SURFACE INLET (E.G. CATCH BASIN)              |
| 1                     | 2                                | 3                     |  |
| <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | PLACE BELOW THE SOIL SURFACE (E.G. INJECTION OR BANDING)                               |
| 1                     | 2                                | 3                     |  |
| <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | APPLY TO LIVING CROPS (I.E. A COVER CROP, OR DURING THE GROWING SEASON)                |
| 1                     | 2                                | 3                     |  |
| <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | SURFACE APPLY ONLY ON SLOPES THAT ARE LESS THAN 5%                                     |
| 1                     | 2                                | 3                     |  |
| <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | INCORPORATE ALL MATERIALS WITH NITROGEN AND PHOSPHOROUS WITHIN 24 HOURS OF APPLICATION |

FIELD

- |                       |                                  |                       |   |
|-----------------------|----------------------------------|-----------------------|---|
| 1                     | 2                                | 3                     |   |
| <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | APPLY ONLY TO LAND WITH SIGNIFICANT RESIDUE COVER           |
| 1                     | 2                                | 3                     |   |
| <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | NO WINTER SPREADING (FROZEN OR SNOW COVERED GROUND)         |
| 1                     | 2                                | 3                     |   |
| <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | NOVEL FERTILIZER TECHNOLOGY (E.G. SLOW RELEASE/N INHIBITOR) |
| 1                     | 2                                | 3                     |   |
| <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | COVER CROPS AFTER HARVEST TO CATCH NITROGEN                 |
| 1                     | 2                                | 3                     |   |
| <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | DO NOT APPLY OVER RECOMMENDED RATE                          |
| 1                     | 2                                | 3                     |   |
| <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | OTHER:  |

## Q 3.8

## ORGANIC AMENDMENTS INFORMATION

FIELD 1 (LEAST CHALLENGING)  
NAMEFIELD 2 (CHALLENGING)  
NAMEFIELD 3 (MOST CHALLENGING)  
NAMEWHICH OF THE FOLLOWING BEST MANAGEMENT PRACTICES DO YOU USE FOR MANURE  
AND OTHER ORGANIC AMENDMENTS?

1    2    3

    

NUTRIENT VALUE OF THE ORGANIC  
AMENDMENTS ARE CONSIDERED

1    2    3

    

FERTILIZER AMOUNTS ARE  
REDUCED APPROPRIATELY

1    2    3

    

ORGANIC AMENDMENTS ARE  
APPLIED TO ALTERNATING FIELDS

1    2    3

    

LIQUIDS STAY WITHIN ONE METER  
OF THE POINT OF APPLICATION

1    2    3

    

APPROPRIATE SETBACKS TO ALL  
WELLS AND SURFACE WATER  
ARE MAINTAINED

1    2    3

    

FIELDS ARE USUALLY IN GOOD  
CONDITION TO SPREAD ON (LOW  
COMPACTION RISK)

1    2    3

    

TILE DRAINS ARE MONITORED  
AFTER LIQUID APPLICATIONS

1    2    3

    

ORGANIC AMENDMENTS ARE  
INCORPORATED WITHIN 24 HOURS

1    2    3

    

AVOID SPREADING MANURE  
BEFORE HEAVY RAINFALL

## ORGANIC AMENDMENTS INFORMATION

FIELD 1 (LEAST CHALLENGING)  
NAME

FIELD 2 (CHALLENGING)  
NAME

FIELD 3 (MOST CHALLENGING)  
NAME

IN WHICH WAYS DO YOU DETERMINE THE NUTRIENT CONTENT OF MANURE OR OTHER ORGANIC MATERIALS?

- |                       |                                  |                       |   |
|-----------------------|----------------------------------|-----------------------|---|
| 1                     | 2                                | 3                     |   |
| <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | NO NUTRIENT VALUE IS GIVEN TO THE APPLIED MANURE OR ORGANIC MATERIALS                           |
| 1                     | 2                                | 3                     |   |
| <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | SAMPLE EACH TIME STORAGE IS EMPTIED   |
| 1                     | 2                                | 3                     |   |
| <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | SAMPLE ANNUALLY   |
| 1                     | 2                                | 3                     |   |
| <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | SAMPLE PERIODICALLY   |
| 1                     | 2                                | 3                     |   |
| <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | MANURE OR ORGANIC MATERIAL ANALYSIS IS DONE AT A LAB THAT PROVIDES OMAFRA ACCREDITED SOIL TESTS |
| 1                     | 2                                | 3                     |   |
| <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | ESTIMATE NUTRIENT VALUE BASED ON REPORTED RESULTS (I.E. NMAN SOFTWARE)                          |



## ORGANIC AMENDMENT USE INFORMATION - 5 YEARS

### FIELD 1 (LEAST CHALLENGING)

YEAR:

SOURCE:

LIQUID OR SOLID

LIQUID

SOLID

SEASON - CHECK ALL THAT APPLY

WINTER (GOOD APPLICATION CONDITIONS)

WINTER (FROZEN OR SNOW COVERED SOIL)

SPRING

SUMMER (WITH GROWING CROP)

SUMMER (BARE SOIL)

EARLY FALL (I.E. AFTER SOYBEAN HARVEST)

LATE FALL (I.E. AFTER CORN HARVEST)

METHOD

YEAR:

SOURCE:

LIQUID OR SOLID

LIQUID

SOLID

SEASON - CHECK ALL THAT APPLY

WINTER (GOOD APPLICATION CONDITIONS)

WINTER (FROZEN OR SNOW COVERED SOIL)

SPRING

SUMMER (WITH GROWING CROP)

SUMMER (BARE SOIL)

EARLY FALL (I.E. AFTER SOYBEAN HARVEST)

LATE FALL (I.E. AFTER CORN HARVEST)

METHOD

**ORGANIC AMENDMENT USE INFORMATION - 5 YEARS - FIELD 1**

YEAR:

SOURCE:

LIQUID OR SOLID

LIQUID     SOLID

SEASON - CHECK ALL THAT APPLY

- WINTER (GOOD APPLICATION CONDITIONS)
- WINTER (FROZEN OR SNOW COVERED SOIL)
- SPRING
- SUMMER (WITH GROWING CROP)
- SUMMER (BARE SOIL)
- EARLY FALL (I.E. AFTER SOYBEAN HARVEST)
- LATE FALL (I.E. AFTER CORN HARVEST)

METHOD

YEAR:

SOURCE:

LIQUID OR SOLID

LIQUID     SOLID

SEASON - CHECK ALL THAT APPLY

- WINTER (GOOD APPLICATION CONDITIONS)
- WINTER (FROZEN OR SNOW COVERED SOIL)
- SPRING
- SUMMER (WITH GROWING CROP)
- SUMMER (BARE SOIL)
- EARLY FALL (I.E. AFTER SOYBEAN HARVEST)
- LATE FALL (I.E. AFTER CORN HARVEST)

METHOD

YEAR:

SOURCE:

LIQUID OR SOLID

LIQUID     SOLID

SEASON - CHECK ALL THAT APPLY

- WINTER (GOOD APPLICATION CONDITIONS)
- WINTER (FROZEN OR SNOW COVERED SOIL)
- SPRING
- SUMMER (WITH GROWING CROP)
- SUMMER (BARE SOIL)
- EARLY FALL (I.E. AFTER SOYBEAN HARVEST)
- LATE FALL (I.E. AFTER CORN HARVEST)

METHOD

## ORGANIC AMENDMENT USE INFORMATION - 5 YEARS

### FIELD 2 (CHALLENGING)

YEAR:

SOURCE:

LIQUID OR SOLID

LIQUID

SOLID

SEASON - CHECK ALL THAT APPLY

WINTER (GOOD  
APPLICATION CONDITIONS)
WINTER (FROZEN OR  
SNOW COVERED SOIL)

SPRING

SUMMER (WITH  
GROWING CROP)

SUMMER (BARE SOIL)

EARLY FALL (I.E. AFTER  
SOYBEAN HARVEST)
LATE FALL (I.E. AFTER  
CORN HARVEST)

METHOD

YEAR:

SOURCE:

LIQUID OR SOLID

LIQUID

SOLID

SEASON - CHECK ALL THAT APPLY

WINTER (GOOD  
APPLICATION CONDITIONS)
WINTER (FROZEN OR  
SNOW COVERED SOIL)

SPRING

SUMMER (WITH  
GROWING CROP)

SUMMER (BARE SOIL)

EARLY FALL (I.E. AFTER  
SOYBEAN HARVEST)
LATE FALL (I.E. AFTER  
CORN HARVEST)

METHOD

**ORGANIC AMENDMENT USE INFORMATION - 5 YEARS - FIELD 2**

YEAR:

SOURCE:

LIQUID OR SOLID

LIQUID     SOLID

SEASON - CHECK ALL THAT APPLY

WINTER (GOOD APPLICATION CONDITIONS)

WINTER (FROZEN OR SNOW COVERED SOIL)

SPRING

SUMMER (WITH GROWING CROP)

SUMMER (BARE SOIL)

EARLY FALL (I.E. AFTER SOYBEAN HARVEST)

LATE FALL (I.E. AFTER CORN HARVEST)

METHOD

YEAR:

SOURCE:

LIQUID OR SOLID

LIQUID     SOLID

SEASON - CHECK ALL THAT APPLY

WINTER (GOOD APPLICATION CONDITIONS)

WINTER (FROZEN OR SNOW COVERED SOIL)

SPRING

SUMMER (WITH GROWING CROP)

SUMMER (BARE SOIL)

EARLY FALL (I.E. AFTER SOYBEAN HARVEST)

LATE FALL (I.E. AFTER CORN HARVEST)

METHOD

YEAR:

SOURCE:

LIQUID OR SOLID

LIQUID     SOLID

SEASON - CHECK ALL THAT APPLY

WINTER (GOOD APPLICATION CONDITIONS)

WINTER (FROZEN OR SNOW COVERED SOIL)

SPRING

SUMMER (WITH GROWING CROP)

SUMMER (BARE SOIL)

EARLY FALL (I.E. AFTER SOYBEAN HARVEST)

LATE FALL (I.E. AFTER CORN HARVEST)

METHOD

## ORGANIC AMENDMENT USE INFORMATION - 5 YEARS

### FIELD 3 (MOST CHALLENGING)

YEAR:

SOURCE:

LIQUID OR SOLID

LIQUID

SOLID

SEASON - CHECK ALL THAT APPLY

WINTER (GOOD APPLICATION CONDITIONS)

WINTER (FROZEN OR SNOW COVERED SOIL)

SPRING

SUMMER (WITH GROWING CROP)

SUMMER (BARE SOIL)

EARLY FALL (I.E. AFTER SOYBEAN HARVEST)

LATE FALL (I.E. AFTER CORN HARVEST)

METHOD

YEAR:

SOURCE:

LIQUID OR SOLID

LIQUID

SOLID

SEASON - CHECK ALL THAT APPLY

WINTER (GOOD APPLICATION CONDITIONS)

WINTER (FROZEN OR SNOW COVERED SOIL)

SPRING

SUMMER (WITH GROWING CROP)

SUMMER (BARE SOIL)

EARLY FALL (I.E. AFTER SOYBEAN HARVEST)

LATE FALL (I.E. AFTER CORN HARVEST)

METHOD

**ORGANIC AMENDMENT USE INFORMATION - 5 YEARS - FIELD 3**

YEAR:

SOURCE:

LIQUID OR SOLID

LIQUID     SOLID

SEASON - CHECK ALL THAT APPLY

WINTER (GOOD APPLICATION CONDITIONS)

WINTER (FROZEN OR SNOW COVERED SOIL)

SPRING

SUMMER (WITH GROWING CROP)

SUMMER (BARE SOIL)

EARLY FALL (I.E. AFTER SOYBEAN HARVEST)

LATE FALL (I.E. AFTER CORN HARVEST)

METHOD

YEAR:

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METHOD

## SECTION 4: POLLINATOR HEALTH

THIS SECTION CONSIDERS YOUR WHOLE FARM, INCLUDING THE THREE FIELDS YOU HAVE CHOSEN TO REVIEW, CONSIDER HOW THE MANAGEMENT AND TYPES OF HABITAT AVAILABLE ON YOUR FARM MAY PROVIDE OPPORTUNITIES FOR POLLINATORS.

WHICH RANGE BEST DESCRIBES THE AMOUNT OF NATURAL, SEMI-NATURAL, OR MAINTAINED VEGETATED AREAS ON YOUR FARM PROPERTY?

GREATER THAN 20%

11 - 20%

1% - 10%

LESS THAN 1%

VEGETATED AREAS INCLUDE MANAGED OR UNMANAGED WOODLOTS, GRASSLANDS, RIPARIAN AREAS, BUFFER STRIPS, WETLANDS, FIELD MARGINS, AND SHELTERBELTS; BUT DO NOT INCLUDE CROPPED ACRES, GRASSED LAWN AREAS OR OVER-GRAZED PASTURES.

## POLLINATOR FORAGE INFORMATION

IS YOUR FARM ALREADY PROVIDING FORAGE FOR POLLINATORS? CONSIDER YOUR WHOLE FARM, HOW ABUNDANT ARE THESE POLLINATOR FORAGE SOURCES?

MANY – COMMONLY OCCURS ACROSS MORE THAN HALF OF THE FARMLAND  
 SOME – CAN BE FOUND IN SELECTED/SMALL AREAS ONLY  
 NONE – THIS VEGETATION IS NOT TYPICALLY SEEN ON THE FARM

NATIVE HERBACEOUS PLANTS (INCLUDING BUTTERFLY WEED, SWAMP MILKWEED, ASTER, FIREWEED, COMMON VETCH, ETC.)

MANY  SOME  NONE

WEEDS AND HEIRLOOM PLANT VARIETIES (INCLUDING SWEET CLOVER, GOLDENROD, ETC.)

MANY  SOME  NONE

SHRUBS (INCLUDING ELDERBERRY, STAGHORN SUMAC, FLOWERING DOGWOOD, ETC.)

MANY  SOME  NONE

BLUEBERRIES, AND OTHER SMALL FRUIT SHRUBS

MANY  SOME  NONE

AROMATIC HERBS (INCLUDING THYME, BORAGE AND OREGANO, ETC.)

MANY  SOME  NONE

FRUIT TREES (INCLUDING APPLE, PLUM, PEAR AND SOUR CHERRY)

MANY  SOME  NONE

OTHER TREES FOR POLLEN, NECTAR, AND RESIN (ALDERS, WILLOWS, AND RED MAPLES)

MANY  SOME  NONE

COVER CROPS THAT ARE ALLOWED TO FLOWER (WHITE CLOVER, RED CLOVER, COWPEA, LUPIN, SUN HEMP, VETCH, PHACELIA, SUNFLOWER, BUCKWHEAT, RADISH, MUSTARDS, ETC.)

MANY  SOME  NONE



## POLLINATOR NESTING SITE INFORMATION

WHICH OF THE FOLLOWING NESTING SITES ARE PRESENT ON YOUR FARM? (CHECK ALL THAT APPLY).

- |   |  |
|---|--|
| <input type="radio"/> UNTILLED, WELL-DRAINED BARE SOIL, OR WITH SPARSE VEGETATION THROUGHOUT THE GROWING SEASON | <input type="radio"/> AREAS WITH UNDISTURBED NATIVE BUNCH GRASSES (I.E. CLUMP-FORMING GRASSES) |
| <input type="radio"/> AREAS WITH SANDY TO SANDY LOAM SOIL   | <input type="radio"/> FENCEROWS  |
| <input type="radio"/> AREAS WITH BARE BUT COMPACTED SOIL THROUGHOUT THE GROWING SEASON                          | <input type="radio"/> PILES OF FIELD STONES  |
| <input type="radio"/> SHRUBS WITH PITHY TWIGS (E.G. SUMAC, CANE FRUIT, ETC.)                                    | <input type="radio"/> DEAD WOOD, BRUSH PILES, OR STANDING DEAD TREES                           |

OTHER:

## POLLINATOR SUPPORTING BEST MANAGEMENT INFORMATION

WHAT BEST MANAGEMENT PRACTICES DO YOU USE TO SUPPORT POLLINATORS  
(CHOOSE ALL THAT APPLY)?

- INCREASE FLOWER DIVERSITY IN SURROUNDING CROPLANDS AND ORCHARDS BY PLANTING WILDFLOWERS AND NATIVE PLANTS, WHERE FEASIBLE
- PLANT WILDFLOWERS AND NATIVE PERENNIALS IN HEDGEROWS, FIELD MARGINS AND BUFFER STRIPS TO PROVIDE NESTING AND NON-CROP FORAGE SITES
- CHOOSE NATIVE PERENNIALS THAT BLOOM BEFORE AND AFTER ORCHARD BLOSSOMS TO ESTABLISH POLLINATORS IN THE AREA
- INSTALL ARTIFICIAL NESTING BOXES SUCH AS TRAP NESTS OR “BEE HOTELS” TO PROVIDE ALTERNATE NESTING SITES FOR POLLINATORS
- MINIMIZE MOWING OF ROADSIDES AND MARGINAL LANDS TO INCREASE AVAILABILITY OF FLOWERS
- MAINTAIN NATURAL AND SEMI-NATURAL LAND ADJACENT TO CROP LANDS, WHERE POSSIBLE

**WOULD YOU BE INTERESTED IN RECEIVING A FOLLOW-UP VISIT (E.G. IN 3-5 YEARS) TO REVIEW AND UPDATE YOUR FARMLAND HEALTH CHECK-UP?**

Documenting how this program has influenced Ontario agriculture is critical to being able to continue to deliver these types of programs. Selecting yes does not commit you to future participation beyond being contacted. You may decide at that time if you wish to repeat the Check-Up.

**YES, I WOULD LIKE TO BE CONTACTED IN 3-5 YEARS TO DISCUSS REPEATING THIS CHECK-UP.**

**NO, I AM NOT INTERESTED IN REPEATING THE CHECK-UP.**

**I UNDERSTAND THAT I WILL BE SENT A SURVEY REQUESTING FEEDBACK ABOUT MY EXPERIENCE WITH THE FARMLAND HEALTH CHECK-UP. I RECOGNIZE THAT MY FEEDBACK IS IMPORTANT TO CONTINUOUS IMPROVEMENT OF THIS DOCUMENT.**

Your data may be used to help determine eligibility for select cost-share programs. Your data will be used/reported as an aggregated data series for the purposes of evaluating both the program and the information gathered through the program.

\_\_\_\_\_  
**PRODUCER NAME (PRINT)**

\_\_\_\_\_  
**SIGNATURE**

\_\_\_\_\_  
**DATE**

\_\_\_\_\_  
**CERTIFIED CROP ADVISOR OR  
PROFESSIONAL AGROLOGIST NAME (PRINT)**

\_\_\_\_\_  
**SIGNATURE**

\_\_\_\_\_  
**DATE**