Farm ID		

Visit #

Date _____

Questionnaire Completed by _____

A. GENERAL farm and management information

A.1. Size of farm:_____ Acres

A.2. Has the farm ever been organic?

 $\begin{array}{c} \textcircled{1} \text{ YES} \rightarrow \\ \textcircled{2} \text{ NO} \end{array}$

From (month/year) _____ To (month/year) _____ What National Organic Program certification agent did you use

A.3. What crops were grown on this farm in the previous 3 years (if needed use Interviewer guide in Appendix 1 as a reminder)?

A.4. What is your crop rotation cycle? _____

A.5. Was the field ever used for grazing?

 $\textcircled{1} YES \rightarrow$

② **NO**

Field 1	Field 2	Field 3	Field 4
From (month/year)	From (month/year)	From (month/year)	From (month/year)
To (month/year)	To (month/year)	To (month/year)	To (month/year)
	<u> </u>		

A.6. Do you own your own farm equipment for all operations?

$\begin{array}{c} \textcircled{1} \text{ YES} \\ \textcircled{2} \text{ NO} \rightarrow \end{array}$	\mathcal{C}
0120	1 Democra
(2) NO \rightarrow	(1) Borrow
	2 Lease/rent
	③ Other

A.7. Do you clean farm equipment?

- ① YES
- 2 NO

A.8. Do you have a staff year-round?

YES, approximately ______
NO

A.9. Do you have temporary workers?

- ① YES, approximately _____
- 2NO

A.10. Are portable toilets provided to staff/workers in the field?

 $(1) YES \rightarrow \\ (2) NO$ How far are the toilets from the work area where the workers are located? List approximate distance _____

A.11. Do you train staff/workers to use portable toilets?

- ① YES
- 2 NO

A.12. Are there portable hand washing stations provided to staff/workers in the field?

- ① YES
- 2 NO

A.13. Does the farm irrigate?

Other

① YES

2NO

③ Weather dependent

Field 1	Field 2	Field 3	Field 4
Drip	Drip	Drip	Drip
Overhead	Overhead	Overhead	Overhead
Spray	Spray	Spray	Spray
Flood	Flood	Flood	Flood

i. What type of irrigation is used (if applicable)?

Other

ii. What is the source of water for irrigation (circle all that apply)?

Field 1	Field 2	Field 3	Field 4
Pond	Pond	Pond	Pond
Well	Well	Well	Well
Municipal	Municipal	Municipal	Municipal
River/Stream/Creek	River/Stream/Creek	River/Stream/Creek	River/Stream/Creek
Man Made	Man Made	Man Made	Man Made
Reservoirs	Reservoirs	Reservoirs	Reservoirs
Other	Other	Other	Other

Other

Other

A.14. Do you use any wildlife control (circle all that apply)?

$\textcircled{1} YES \rightarrow$	Field 1	Field 2	Field 3	Field 4
2 NO	Fences	Fences	Fences	Fences
	Scarecrows	Scarecrows	Scarecrows	Scarecrows
	Traps	Traps	Traps	Traps
	Poison	Poison	Poison	Poison
	Hunting	Hunting	Hunting	Hunting
	Bombs,	Bombs,	Bombs,	Bombs,
	woodchuck	woodchuck	woodchuck	woodchuck
	Other	Other	Other	Other

A.15. The farm is located on what kind of terrain?	A.15.	The farm is located on what kind of terrain?
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Field 1	Field 2	Field 3	Field 4
Flat	Flat	Flat	Flat
Valley	Valley	Valley	Valley
Sloped	Sloped	Sloped	Sloped
Steep	Steep	Steep	Steep
Hill	Hill	Hill	Hill
Don't know	Don't know	Don't know	Don't know

A.16. Does the farm have a buffer zone from neighbors, road ways, etc?

- ① YES
- 2NO
- i. If yes, what type of buffer zone?

Field 1	Field 2	Field 3	Field 4
Fence	Fence	Fence	Fence
Tree Line	Tree Line	Tree Line	Tree Line
Ditch	Ditch	Ditch	Ditch
Shrubbery	Shrubbery	Shrubbery	Shrubbery
Other	Other	Other	Other
Don't know	Don't know	Don't know	Don't know

A.17. Is the field in the general proximity (within 10 mile radius) of any of the following? If so, approximately how close is the nearest:

	Field 1	Field 2	Field 3	Field 4
Dairy Farm				
Beef Farm				
Water Sources				
(running or standing)				
Landfill				
Residential				
Poultry Farm				
Swine Farm				
Forest				
Roadways				
Other				
Don't know				

B. <u>CHANGEABLE management actions and routine surveillance</u>

B.1. In what condition were the fields before planting of the spinach crop this season?

Field 1	Field 2	Field 3	Field 4
Fallow	Fallow	Fallow	Fallow
Rotavated	Rotavated	Rotavated	Rotavated
Tilled	Tilled	Tilled	Tilled
Cover crop	Cover crop	Cover crop	Cover crop
(type)	(type)	(type)	(type)
Нау	Нау	Нау	Нау
Other	Other	Other	Other

B.2. When was the current spinach crop planted?

	Field 1	Field 2	Field 3	Field 4
Date				

B.3. During the period since our last visit to the farm or during the previous 2 months, whichever is shorter,

Field 1	Field 2	Field 3	Field 4
Yes, <u>days ago</u>	Yes, <u>days</u> ago	Yes, <u>days ago</u>	Yes, <u>days ago</u>
Not during this	Not during this	Not during this	Not during this
period	period	period	period
No, never	No, never	No, never	No, never
Don't know	Don't know	Don't know	Don't know

i. has the soil been tilled, rotavated or aerated?

ii. has the farm irrigated its fields?

Field 1	Field 2	Field 3	Field 4
Yes, <u>days ago</u>	Yes, <u>days</u> ago	Yes, <u>days</u> ago	Yes, <u>days ago</u>
Not during this	Not during this	Not during this	Not during this
period	period	period	period
No, never	No, never	No, never	No, never
Don't know	Don't know	Don't know	Don't know

iii. has manure been applied to farm fields?

Field 1	Field 2	Field 3	Field 4
Yes, <u>days ago</u>	Yes, <u>days ago</u>	Yes, <u>days</u> ago	Yes, <u>days ago</u>
Not during this	Not during this	Not during this	Not during this
period	period	period	period
No, never	No, never	No, never	No, never
Don't know	Don't know	Don't know	Don't know

a. If yes, what was the source (circle all that apply)?

Field 1	Field 2	Field 3	Field 4
Dairy farm	Dairy farm	Dairy farm	Dairy farm
Feedlot	Feedlot	Feedlot	Feedlot
Swine farm	Swine farm	Swine farm	Swine farm
Poultry farm	Poultry farm	Poultry farm	Poultry farm
Other	Other	Other	Other
Don't know	Don't know	Don't know	Don't know

b. If yes, how long was the applied manure aged before spreading?

Field 1	Field 2	Field 3	Field 4
weeks	weeks ago	weeks	weeks
Don't know	Don't know	Don't know	Don't know

iv. has compost been applied to far	rm fields?
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Field 1	Field 2	Field 3	Field 4
Yes, <u>days ago</u>	Yes, <u>days ago</u>	Yes, <u>days ago</u>	Yes, <u>days ago</u>
Not during this	Not during this	Not during this	Not during this
period	period	period	period
No, never	No, never	No, never	No, never
Don't know	Don't know	Don't know	Don't know

v. has chemical/synthetic fertilizer been applied to farm fields?

Field 1	Field 2	Field 3	Field 4
Yes,type	Yes,type	Yes,type	Yes,type
days ago	days ago	days ago	days ago
Not during this	Not during this	Not during this	Not during this
period	period	period	period
No, never	No, never	No, never	No, never
Don't know	Don't know	Don't know	Don't know

a. If yes, how was the fertilizer applied to the fields?

Field 1	Field 2	Field 3	Field 4
Fertigation	Fertigation	Fertigation	Fertigation
Foliar spray	Foliar spray	Foliar spray	Foliar spray
Ground	Ground	Ground	Ground
application	application	application	application
Other	Other	_ Other	_ Other

vi. have pesticides been applied to farm fields?

Field 1	Field 2	Field 3	Field 4
Yes, <u>days ago</u>	Yes, <u>days</u> ago	Yes, <u>days</u> ago	Yes, <u>days</u> ago
Not during this	Not during this	Not during this	Not during this
period	period	period	period
No, never	No, never	No, never	No, never
Don't know	Don't know	Don't know	Don't know

a. If yes, what was the type of pesticide applied?

Field 1	Field 2	Field 3	Field 4
Herbicide	Herbicide	Herbicide	Herbicide
Fungicide	Fungicide	Fungicide	Fungicide
Insecticide	Insecticide	Insecticide	Insecticide
Other	Other	Other	Other

Field 1	Field 2	Field 3	Field 4
Low volume	Low volume	Low volume	Low volume
spray	spray	spray	spray
High volume	High volume	High volume	High volume
spray	spray	spray	spray
Fog	Fog	Fog	Fog
Foliar	Foliar	Foliar	Foliar
Soil	Soil	Soil	Soil
Other	Other	Other	Other

b. If yes, how was the pesticide applied to fields?

vii. have domestic animals been observed in the farm fields?

Field 1	Field 2	Field 3	Field 4
Yes,species	Yes,species	Yes,species	Yes,species
days ago	days ago	days ago	days ago
Not during this	Not during this	Not during this	Not during this
period	period	period	period
No, never	No, never	No, never	No, never
Don't know	Don't know	Don't know	Don't know

viii. has wildlife been observed in the farm fields?

Field 1	Field 2	Field 3	Field 4
Yes,species	Yes,species	Yes,species	Yes,species
days ago	days ago	days ago	days ago
Not during this	Not during this	Not during this	Not during this
period	period	period	period
No, never	No, never	No, never	No, never
Don't know	Don't know	Don't know	Don't know

ix. have staff members/temporary workers been in the farm field?

Field 1	Field 2	Field 3	Field 4
Yes, staff	Yes, staff	Yes, staff	Yes, staff
days ago	days ago	days ago	days ago
Yes, workers	Yes, workers	Yes, workers	Yes, workers
days ago	days ago	days ago	days ago
Not during this	Not during this	Not during this	Not during this
period	period	period	period
No, never	No, never	No, never	No, never
Don't know	Don't know	Don't know	Don't know

x. has training on food safety been provided to staff members/temporary workers?

- ① YES
- 2NO

xi. has any routine microbial testing been done on your farm?

① YES	1
② NO	

a. Who requires it to be completed?

- 1 Owner
- ⁽²⁾ Fresh cut processing buyers
- ③ Retail buyers
- ④ Co-Op buyers
- 5 Other _____

b. What organisms were tested for and when; the results of the testing if known?

	Field 1		Field 2		Field 3		Field 4	
	date	result	date	result	date	result	date	result
Coliforms								
<i>E. coli</i> generic								
E. coli O157								
E. coli STEC								
Listeria monocytogenes								
Salmonella								
Other								

c. What was tested on the farm?

Area 1	Area 2	Area 3	Area 4
Produce	Produce	Produce	Produce
Irrigation Water	Irrigation Water	Irrigation Water	Irrigation Water
Spray Water	Spray Water	Spray Water	Spray Water
Soil	Soil	Soil	Soil
Equipment	Equipment	Equipment	Equipment

Appendix 1.

Interviewer guide

1. Crop Kind

□ Alfalfa	Celery	□ Mango	Pumpkins
□ Apples	□ Cherries	□ Melons	□ Radish
🗆 Arugula	\Box Corn (sweet)	□ Nuts	Red Leaf Lettuce
Baby Leaf Lettuce	□ Cucumbers	\Box Oats	Romaine Lettuce
□ Barley	□ Endives	Onions	Spinach
□ Beans	□ Escarole	□ Oranges	Spring Mix
\Box Beats	□ Garlic	🗆 Papaya	□ Sprouted Seeds
Berries	Green Leaf Lettuce	□ Peaches	🗆 Squash
Broccoli	Green Onions	\Box Peas	□ Tomatoes
Buttered Lettuce	□ Herbs	□ Peppers	🗆 Turnip
Cabbage	Iceberg Lettuce	Pineapples	□ Wheat
\Box Chard	□ Kale	\Box Potatoes	\Box Other (please list below)