

Risk Factors Associated with *Salmonella* and *Listeria monocytogenes* Contamination in Produce Fields

Questionnaire Completed by:

Farm Name:

Date of Visit:

General Questions

1. Size of farm (approximate acreage):

2. Number of year round staff:

0-4

5-9

10-20

20-30

30 or more

3. Number of temporary staff:

0-4

5-9

10-20

20-30

30 or more

4. Does your farm own all of its own equipment?

Yes

No

Other (list)

5. Does your farm perform any microbial testing? And what is tested?

Yes

No

6. Series of follow up questions to microbial testing (only fill out if answer to #5 is yes)

Who requires that you perform microbial testing?

Farm owners

Retail buyers

Other (list)

What is tested?

Produce

Irrigation water

Equipment

Soil

Other (list)

Risk Factors Associated with *Salmonella* and *Listeria monocytogenes* Contamination in Produce Fields

Questionnaire Completed by:

Farm Name:

Date of Visit:

What organisms are tested for?

E. coli generic

E. coli O157

Listeria monocytogenes

Salmonella

Other (list)

7. Types of wildlife control used:

Poison bait

Fences

Hunting

Other (list)

None

8. Is food safety training provided to workers?

Yes

No

Other (list)

9. Are workers supervised in the fields?

Yes

No

Other (list)

10. Is food safety training provided to workers in their native language?

Yes

No

Other (list)

11. Are toilets and handwashing facilities available within quarter mile to field workers?

Yes

No

Other (list)

12. What is the cleaning schedule for toilets?

Daily

2 times per week

Weekly

Other (list)

Risk Factors Associated with *Salmonella* and *Listeria monocytogenes* Contamination in Produce Fields

Questionnaire Completed by:

Farm Name:

Date of Visit:

13. What is the cleaning schedule for handwashing station?

Daily

2 times per week

Weekly

Other (list)

14. Are signs posted advocating food safety/sanitation practices?

Yes

Where:

No

Other (list)

15. If produce is field packed, do boxes touch ground?

Yes

No

Other (list)

Risk Factors Associated with *Salmonella* and *Listeria monocytogenes* Contamination in Produce Fields

Questionnaire Completed by:

Farm Name:

Date of Visit:

Field Specific Questions

1. Have pesticides been applied in the field recently?

Field	Field	Field	Field	Field
Within 7 days	Within 7 days	Within 7 days	Within 7 days	Within 7 days
8 to 14 days	8 to 14 days	8 to 14 days	8 to 14 days	8 to 14 days
15 to 30 days	15 to 30 days	15 to 30 days	15 to 30 days	15 to 30 days
31 or more	31 or more	31 or more	31 or more	31 or more

Field	Field	Field	Field	Field
Within 7 days	Within 7 days	Within 7 days	Within 7 days	Within 7 days
8 to 14 days	8 to 14 days	8 to 14 days	8 to 14 days	8 to 14 days
15 to 30 days	15 to 30 days	15 to 30 days	15 to 30 days	15 to 30 days
31 or more	31 or more	31 or more	31 or more	31 or more

Field	Field	Field	Field	Field
Within 7 days	Within 7 days	Within 7 days	Within 7 days	Within 7 days
8 to 14 days	8 to 14 days	8 to 14 days	8 to 14 days	8 to 14 days
15 to 30 days	15 to 30 days	15 to 30 days	15 to 30 days	15 to 30 days
31 or more	31 or more	31 or more	31 or more	31 or more

Field	Field	Field	Field	Field
Within 7 days	Within 7 days	Within 7 days	Within 7 days	Within 7 days
8 to 14 days	8 to 14 days	8 to 14 days	8 to 14 days	8 to 14 days
15 to 30 days	15 to 30 days	15 to 30 days	15 to 30 days	15 to 30 days
31 or more	31 or more	31 or more	31 or more	31 or more

Risk Factors Associated with *Salmonella* and *Listeria monocytogenes* Contamination in Produce Fields

Questionnaire Completed by:

Farm Name:

Date of Visit:

2. Have fertilizers been applied in the field recently?

Field	Field	Field	Field	Field
Within 7 days	Within 7 days	Within 7 days	Within 7 days	Within 7 days
8 to 14 days	8 to 14 days	8 to 14 days	8 to 14 days	8 to 14 days
15 to 30 days	15 to 30 days	15 to 30 days	15 to 30 days	15 to 30 days
31 or more	31 or more	31 or more	31 or more	31 or more

Field	Field	Field	Field	Field
Within 7 days	Within 7 days	Within 7 days	Within 7 days	Within 7 days
8 to 14 days	8 to 14 days	8 to 14 days	8 to 14 days	8 to 14 days
15 to 30 days	15 to 30 days	15 to 30 days	15 to 30 days	15 to 30 days
31 or more	31 or more	31 or more	31 or more	31 or more

Field	Field	Field	Field	Field
Within 7 days	Within 7 days	Within 7 days	Within 7 days	Within 7 days
8 to 14 days	8 to 14 days	8 to 14 days	8 to 14 days	8 to 14 days
15 to 30 days	15 to 30 days	15 to 30 days	15 to 30 days	15 to 30 days
31 or more	31 or more	31 or more	31 or more	31 or more

Field	Field	Field	Field	Field
Within 7 days	Within 7 days	Within 7 days	Within 7 days	Within 7 days
8 to 14 days	8 to 14 days	8 to 14 days	8 to 14 days	8 to 14 days
15 to 30 days	15 to 30 days	15 to 30 days	15 to 30 days	15 to 30 days
31 or more	31 or more	31 or more	31 or more	31 or more

Risk Factors Associated with *Salmonella* and *Listeria monocytogenes* Contamination in Produce Fields

Questionnaire Completed by:

Farm Name:

Date of Visit:

3. Has manure (slurry) been applied in the field recently?

Field	Field	Field	Field	Field
Within a year	Within a year	Within a year	Within a year	Within a year
Year or more	Year or more	Year or more	Year or more	Year or more
Not applied	Not applied	Not applied	Not applied	Not applied

Field	Field	Field	Field	Field
Within a year	Within a year	Within a year	Within a year	Within a year
Year or more	Year or more	Year or more	Year or more	Year or more
Not applied	Not applied	Not applied	Not applied	Not applied

Field	Field	Field	Field	Field
Within a year	Within a year	Within a year	Within a year	Within a year
Year or more	Year or more	Year or more	Year or more	Year or more
Not applied	Not applied	Not applied	Not applied	Not applied

Field	Field	Field	Field	Field
Within a year	Within a year	Within a year	Within a year	Within a year
Year or more	Year or more	Year or more	Year or more	Year or more
Not applied	Not applied	Not applied	Not applied	Not applied

Risk Factors Associated with *Salmonella* and *Listeria monocytogenes* Contamination in Produce Fields

Questionnaire Completed by:

Farm Name:

Date of Visit:

4. Has wildlife been observed in the field recently?

Field	Field	Field	Field	Field
Within 3 days	Within 3 days	Within 3 days	Within 3 days	Within 3 days
4 to 7 days	4 to 7 days	4 to 7 days	4 to 7 days	4 to 7 days
8 to 30 days	8 to 30 days	8 to 30 days	8 to 30 days	8 to 30 days
31 or more	31 or more	31 or more	31 or more	31 or more

Field	Field	Field	Field	Field
Within 3 days	Within 3 days	Within 3 days	Within 3 days	Within 3 days
4 to 7 days	4 to 7 days	4 to 7 days	4 to 7 days	4 to 7 days
8 to 30 days	8 to 30 days	8 to 30 days	8 to 30 days	8 to 30 days
31 or more	31 or more	31 or more	31 or more	31 or more

Field	Field	Field	Field	Field
Within 3 days	Within 3 days	Within 3 days	Within 3 days	Within 3 days
4 to 7 days	4 to 7 days	4 to 7 days	4 to 7 days	4 to 7 days
8 to 30 days	8 to 30 days	8 to 30 days	8 to 30 days	8 to 30 days
31 or more	31 or more	31 or more	31 or more	31 or more

Field	Field	Field	Field	Field
Within 3 days	Within 3 days	Within 3 days	Within 3 days	Within 3 days
4 to 7 days	4 to 7 days	4 to 7 days	4 to 7 days	4 to 7 days
8 to 30 days	8 to 30 days	8 to 30 days	8 to 30 days	8 to 30 days
31 or more	31 or more	31 or more	31 or more	31 or more

Types of wildlife observed in fields (list)?

Risk Factors Associated with *Salmonella* and *Listeria monocytogenes* Contamination in Produce Fields

Questionnaire Completed by:

Farm Name:

Date of Visit:

5. Do domestic animals have access to the field?

Field	Field	Field	Field	Field	Field
Yes	Yes	Yes	Yes	Yes	Yes
No	No	No	No	No	No

Field	Field	Field	Field	Field	Field
Yes	Yes	Yes	Yes	Yes	Yes
No	No	No	No	No	No

Field	Field	Field	Field	Field	Field
Yes	Yes	Yes	Yes	Yes	Yes
No	No	No	No	No	No

Field	Field	Field	Field	Field	Field
Yes	Yes	Yes	Yes	Yes	Yes
No	No	No	No	No	No

What type of domestic animal (list)?

Risk Factors Associated with *Salmonella* and *Listeria monocytogenes* Contamination in Produce Fields

Questionnaire Completed by:

Farm Name:

Date of Visit:

6. Have workers been in the field recently (not in equipment, we are referring to by foot)?

Field	Field	Field	Field	Field
Within 3 days	Within 3 days	Within 3 days	Within 3 days	Within 3 days
4 to 7 days	4 to 7 days	4 to 7 days	4 to 7 days	4 to 7 days
8 to 30 days	8 to 30 days	8 to 30 days	8 to 30 days	8 to 30 days
31 or more	31 or more	31 or more	31 or more	31 or more

Field	Field	Field	Field	Field
Within 3 days	Within 3 days	Within 3 days	Within 3 days	Within 3 days
4 to 7 days	4 to 7 days	4 to 7 days	4 to 7 days	4 to 7 days
8 to 30 days	8 to 30 days	8 to 30 days	8 to 30 days	8 to 30 days
31 or more	31 or more	31 or more	31 or more	31 or more

Field	Field	Field	Field	Field
Within 3 days	Within 3 days	Within 3 days	Within 3 days	Within 3 days
4 to 7 days	4 to 7 days	4 to 7 days	4 to 7 days	4 to 7 days
8 to 30 days	8 to 30 days	8 to 30 days	8 to 30 days	8 to 30 days
31 or more	31 or more	31 or more	31 or more	31 or more

Field	Field	Field	Field	Field
Within 3 days	Within 3 days	Within 3 days	Within 3 days	Within 3 days
4 to 7 days	4 to 7 days	4 to 7 days	4 to 7 days	4 to 7 days
8 to 30 days	8 to 30 days	8 to 30 days	8 to 30 days	8 to 30 days
31 or more	31 or more	31 or more	31 or more	31 or more

Risk Factors Associated with *Salmonella* and *Listeria monocytogenes* Contamination in Produce Fields

Questionnaire Completed by:

Farm Name:

Date of Visit:

7. Has field been irrigated recently?

Field	Field	Field	Field	Field
Within 3 days	Within 3 days	Within 3 days	Within 3 days	Within 3 days
4 to 7 days	4 to 7 days	4 to 7 days	4 to 7 days	4 to 7 days
8 to 14 days	8 to 14 days	8 to 14 days	8 to 14 days	8 to 14 days
15 or more, never	15 or more, never	15 or more, never	15 or more, never	15 or more, never
Type:	Type:	Type:	Type:	Type:
Source:	Source:	Source:	Source:	Source:

Field	Field	Field	Field	Field
Within 3 days	Within 3 days	Within 3 days	Within 3 days	Within 3 days
4 to 7 days	4 to 7 days	4 to 7 days	4 to 7 days	4 to 7 days
8 to 14 days	8 to 14 days	8 to 14 days	8 to 14 days	8 to 14 days
15 or more, never	15 or more, never	15 or more, never	15 or more, never	15 or more, never
Type:	Type:	Type:	Type:	Type:
Source:	Source:	Source:	Source:	Source:

Field	Field	Field	Field	Field
Within 3 days	Within 3 days	Within 3 days	Within 3 days	Within 3 days
4 to 7 days	4 to 7 days	4 to 7 days	4 to 7 days	4 to 7 days
8 to 14 days	8 to 14 days	8 to 14 days	8 to 14 days	8 to 14 days
15 or more, never	15 or more, never	15 or more, never	15 or more, never	15 or more, never
Type:	Type:	Type:	Type:	Type:
Source:	Source:	Source:	Source:	Source:

Field	Field	Field	Field	Field
Within 3 days	Within 3 days	Within 3 days	Within 3 days	Within 3 days
4 to 7 days	4 to 7 days	4 to 7 days	4 to 7 days	4 to 7 days
8 to 14 days	8 to 14 days	8 to 14 days	8 to 14 days	8 to 14 days
15 or more, never	15 or more, never	15 or more, never	15 or more, never	15 or more, never
Type:	Type:	Type:	Type:	Type:
Source:	Source:	Source:	Source:	Source:

Risk Factors Associated with *Salmonella* and *Listeria monocytogenes* Contamination in Produce Fields

Questionnaire Completed by:

Farm Name:

Date of Visit:

8. Has soil been cultivated or tilled in the field recently?

Field	Field	Field	Field	Field
Within 7 days	Within 7 days	Within 7 days	Within 7 days	Within 7 days
8 to 14 days	8 to 14 days	8 to 14 days	8 to 14 days	8 to 14 days
15 to 30 days	15 to 30 days	15 to 30 days	15 to 30 days	15 to 30 days
31 or more	31 or more	31 or more	31 or more	31 or more

Field	Field	Field	Field	Field
Within 7 days	Within 7 days	Within 7 days	Within 7 days	Within 7 days
8 to 14 days	8 to 14 days	8 to 14 days	8 to 14 days	8 to 14 days
15 to 30 days	15 to 30 days	15 to 30 days	15 to 30 days	15 to 30 days
31 or more	31 or more	31 or more	31 or more	31 or more

Field	Field	Field	Field	Field
Within 7 days	Within 7 days	Within 7 days	Within 7 days	Within 7 days
8 to 14 days	8 to 14 days	8 to 14 days	8 to 14 days	8 to 14 days
15 to 30 days	15 to 30 days	15 to 30 days	15 to 30 days	15 to 30 days
31 or more	31 or more	31 or more	31 or more	31 or more

Field	Field	Field	Field	Field
Within 7 days	Within 7 days	Within 7 days	Within 7 days	Within 7 days
8 to 14 days	8 to 14 days	8 to 14 days	8 to 14 days	8 to 14 days
15 to 30 days	15 to 30 days	15 to 30 days	15 to 30 days	15 to 30 days
31 or more	31 or more	31 or more	31 or more	31 or more

Risk Factors Associated with *Salmonella* and *Listeria monocytogenes* Contamination in Produce Fields

Questionnaire Completed by:

Farm Name:

Date of Visit:

9. Status of field?

Field	Field	Field	Field	Field
Fallow	Fallow	Fallow	Fallow	Fallow
Unplanted	Unplanted	Unplanted	Unplanted	Unplanted
Planted	Planted	Planted	Planted	Planted
Other	Other	Other	Other	Other

Field	Field	Field	Field0	Field1
Fallow	Fallow	Fallow	Fallow	Fallow
Unplanted	Unplanted	Unplanted	Unplanted	Unplanted
Planted	Planted	Planted	Planted	Planted
Other	Other	Other	Other	Other

Field3	Field4	Field5	Field6	Field7
Fallow	Fallow	Fallow	Fallow	Fallow
Unplanted	Unplanted	Unplanted	Unplanted	Unplanted
Planted	Planted	Planted	Planted	Planted
Other	Other	Other	Other	Other

Field9	Field0	Field1	Field2	Field3
Fallow	Fallow	Fallow	Fallow	Fallow
Unplanted	Unplanted	Unplanted	Unplanted	Unplanted
Planted	Planted	Planted	Planted	Planted
Other	Other	Other	Other	Other

Risk Factors Associated with *Salmonella* and *Listeria monocytogenes* Contamination in Produce Fields

Questionnaire Completed by:

Farm Name:

Date of Visit:

10. Is the crop organic in the field?

Field	Field	Field	Field	Field
Yes	Yes	Yes	Yes	Yes
No	No	No	No	No
Other	Other	Other	Other	Other

Field	Field	Field	Field	Field
Yes	Yes	Yes	Yes	Yes
No	No	No	No	No
Other	Other	Other	Other	Other

Field	Field	Field	Field	Field
Yes	Yes	Yes	Yes	Yes
No	No	No	No	No
Other	Other	Other	Other	Other

Field	Field	Field	Field	Field
Yes	Yes	Yes	Yes	Yes
No	No	No	No	No
Other	Other	Other	Other	Other

*** (other may refer to no crop in the field)**

Risk Factors Associated with *Salmonella* and *Listeria monocytogenes* Contamination in Produce Fields

Questionnaire Completed by:

Farm Name:

Date of Visit:

11. Is there a buffer zone separating the field from potential pathogen reservoirs (e.g., forest, road, water)?

Field	Field	Field	Field	Field
Yes	Yes	Yes	Yes	Yes
No	No	No	No	No

Field	Field	Field	Field	Field
Yes	Yes	Yes	Yes	Yes
No	No	No	No	No

Field	Field	Field	Field	Field
Yes	Yes	Yes	Yes	Yes
No	No	No	No	No

Field	Field	Field	Field	Field
Yes	Yes	Yes	Yes	Yes
No	No	No	No	No

Risk Factors Associated with *Salmonella* and *Listeria monocytogenes* Contamination in Produce Fields

Questionnaire Completed by:

Farm Name:

Date of Visit:

Additional Notes or Comments: