

Name:

Date:

Fresh Produce Hazard Assessment

Use this hazard assessment to evaluate risks on your farm. For each question indicate if your risk is low, medium, or high. Add each question you answer as high risk to the action checklist at the end of the assessment. These will be the areas you will need to address first.

Land

| | Low Risk | Medium Risk | High Risk | My Risk |
|----------------------------|--|---|--|---|
| History of land use | Land is fenced virgin prairie that has not been grazed | Land is a former farm with no history of animal production OR my land was used for animal production more than 5 years ago | Land has been used for animal production in the last 5 years | <input type="radio"/> Low <input type="radio"/> Medium <input type="radio"/> High |
| Watershed | Farm is upstream from any sources of contamination | Farm is downstream from a well-managed feedlot and only received runoff during flooding | Farm is downstream from at least one feedlot and runoff is commonly received | <input type="radio"/> Low <input type="radio"/> Medium <input type="radio"/> High |

Worker Health and Hygiene

| | Low Risk | Medium Risk | High Risk | My Risk |
|-------------------------------|---|---|---|---|
| Handwashing facilities | Clean handwashing facilities are provided for everyone who handles fruits and vegetables AND they are monitored daily to endure cleanliness and ample stock of soap, water, and paper towels | Clean handwashing facilities are provided BUT are not monitored daily | Handwashing facilities are not provided at any location on the farm | <input type="radio"/> Low <input type="radio"/> Medium <input type="radio"/> High |
| Signage | Personal hygiene signage is provided in the appropriate language or via diagrams for workers to read and understand | Personal hygiene signage is provided in a language not well understood by workers | No signage is used | <input type="radio"/> Low <input type="radio"/> Medium <input type="radio"/> High |

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|----------------------------------|--|---|--|---|
| Worker training | All workers attend regular training program focused on good personal hygiene AND handwashing is emphasized daily AND language and training materials are appropriate for workers | All workers attend one training focused on hygiene provided in their language, but the importance is not reinforced OR training is provided sporadically or in a language not well understood by workers | No training on handwashing or personal hygiene for food safety is provided to workers | <input type="radio"/> Low <input type="radio"/> Medium <input type="radio"/> High |
| Worker illness and injury | Workers are required to report illness and injury AND if ill, are given non-food contact jobs AND supervisors have permission to reassign workers who appear to be ill | No accommodations are made for sick workers, but very sick workers are eventually sent home | Worker illness is not monitored AND there is no standard procedure for workers reporting illness or injury | <input type="radio"/> Low <input type="radio"/> Medium <input type="radio"/> High |
| Pesticide application | Any person who handles and applies pesticides is certified through a state regulatory agency | The operator or manager is certified for pesticide applications through a state regulatory agency, but other people who handle pesticides are not certified | Neither the pesticide applicator or supervisor is certified to apply pesticides through a state regulatory agency. | <input type="radio"/> Low <input type="radio"/> Medium <input type="radio"/> High |

Restroom and Sewage

| | Low Risk | Medium Risk | High Risk | My Risk |
|----------------------------------|--|---|---|---|
| Toilet facilities | Clean toilet facilities with handwashing stations are provided for everyone who handles fruits and vegetables AND they are monitored daily to ensure cleanliness and ample stock of soap, water, and paper towels, and toilet paper | Clean toilet facilities are provided BUT are not monitored daily | Toilet facilities are not provided at any location on the farm | <input type="radio"/> Low <input type="radio"/> Medium <input type="radio"/> High |
| Location of field toilets | Readily available for use (within ¼ mile walk) AND portable toilets are located out of the produce crop field in an area that is physically isolated from all produce production or handling areas | Field toilets are not within a ¼ mile walk or conveniently located OR portable toilets are located in the field with less than 20 feet between the unit and production fields. | There are no field or conveniently located toilets OR portable toilets are pulled into the produce crop fields | <input type="radio"/> Low <input type="radio"/> Medium <input type="radio"/> High |

Water

| | Low Risk | Medium Risk | High Risk | My Risk |
|-----------------------------------|--|--|---|---|
| Source of irrigation water | Irrigation water is from a municipal, treated water source or from ground water obtained from a properly constructed, capped well, in good condition, that could be readily treated if indicator organisms were detected in annual water tests | Irrigation water is sourced from an uncapped well OR irrigation water is drawn from a regularly tested surface water source | Irrigation water is drawn from a surface water source with no knowledge of its microbial quality OR irrigation water is sourced from a pond or other water source that has daily visits by livestock or wild animals | <input type="radio"/> Low <input type="radio"/> Medium <input type="radio"/> High |
| Irrigation method | Drip irrigation is used on produce crops OR furrow irrigation is used with no plant wetting | Overhead or flood irrigation with ground water that is known to be free from pathogens is used | Overhead or flood irrigation water is sourced from surface water that has not been tested for indicator organisms | <input type="radio"/> Low <input type="radio"/> Medium <input type="radio"/> High |
| Water testing | All water sources are tested for indicator organisms AND these records are kept on file | Water sources are tested but records are not maintained | No water tests are conducted and no attempt is made to get water test results from municipalities | <input type="radio"/> Low <input type="radio"/> Medium <input type="radio"/> High |

Animals

| | Low Risk | Medium Risk | High Risk | My Risk |
|------------------------------|---|---|---|---|
| Animal exclusion | Animals are excluded (as much as possible) using fencing and other active deterrents. Animal attractants are minimized by discarding old equipment and containers, removing excess water, and keeping weeds and brush mowed | Animals are excluded from some areas but not others. Some fencing or active deterrents used intermittently. | No animal exclusion efforts have been made for produce fields or irrigation ponds | <input type="radio"/> Low <input type="radio"/> Medium <input type="radio"/> High |
| Location of livestock | No livestock in area | No livestock on property; neighbor's livestock confined away from crops OR livestock on property are confined away from fenced crops | Livestock, ruminants, and poultry have free access to production fields | <input type="radio"/> Low <input type="radio"/> Medium <input type="radio"/> High |

Manure

| | Low Risk | Medium Risk | High Risk | My Risk |
|-------------------------------------|--|--|--|---|
| Timing of manure application | When raw manure is applied, it is incorporated into the soil at least 2 weeks prior to planting and a minimum of 120 days prior to harvest | Manure is applied and incorporated into the soil at least 60 days prior to harvest of produce crop. | Raw manure is applied less than 120 days prior to harvest. | <input type="radio"/> Low <input type="radio"/> Medium <input type="radio"/> High |
| Manure storage | Manure is stored in an area that is physically isolated from produce fields and produce handling facilities, with barriers to reduce risk of leaching, run-off, or wind-spread. | Manure is stored in an area that is physically isolated from produce fields and produce handling facilities BUT is not covered or quarantined by a barrier to reduce risk of leaching, run-off, or wind-spread. | Manure is stored next to a produce field or produce handling facility and no barriers to reduce risk of leaching, run-off, or wind-spread are present. | <input type="radio"/> Low <input type="radio"/> Medium <input type="radio"/> High |
| Composted manure | Compost producer keeps and provides records on feedstocks and handling practices that insure complete aerobic composting such as temperature, aeration and moisture management, equipment sanitation, and isolation and protection of curing piles OR reports are available on purchased composted manure | Compost producer follows appropriate composting protocols but does not keep records to verify practices. | Little or nothing is known about compost source, material used, or management strategies. | <input type="radio"/> Low <input type="radio"/> Medium <input type="radio"/> High |

Equipment and Containers

| | Low Risk | Medium Risk | High Risk | My Risk |
|--|---|---|--|---|
| Pre-Harvest Assessment | A pre-harvest assessment is conducted on crop production areas noting risk and possible sources of contamination. Results are documented. | A pre-harvest assessment is conducted on crop production areas but results are not documented | No pre-harvest assessment is conducted | <input type="radio"/> Low <input type="radio"/> Medium <input type="radio"/> High |
| Cleanliness of field packing equipment and machinery | All field packing equipment and machinery is cleaned and sanitized at the start of each work session and after breaks or as needed | All field packing equipment and machinery is cleaned and sanitized daily | All field packing equipment and machinery are cleaned and sanitized only at the beginning of the season OR equipment and machinery is not routinely cleaned and sanitized | <input type="radio"/> Low <input type="radio"/> Medium <input type="radio"/> High |
| Cleanliness of harvest aids (e.g. knives, aprons, containers) | All harvesting aids are cleaned and sanitized at the start of each work session and after breaks or as needed | All harvesting aids are cleaned and sanitized daily | Harvest aids are cleaned and sanitized only at the beginning of the season OR harvest aids are not cleaned and sanitized | <input type="radio"/> Low <input type="radio"/> Medium <input type="radio"/> High |
| Soil removal | As much soil as possible is removed from produce and bins while in the field to prevent contamination of wash water or other loads of produce | Soil may be removed from produce and bins, but there is no policy in place that requires it | Produce and bins are commonly moved from the field without inspecting for dirt | <input type="radio"/> Low <input type="radio"/> Medium <input type="radio"/> High |
| Breakage/contamination | Preventative measures and a corrective action policy are in place to prevent or contain physical or chemical contaminants. | Some preventative measures taken but no corrective action policy in place | No preventative measures or a corrective action policy | <input type="radio"/> Low <input type="radio"/> Medium <input type="radio"/> High |

Traceability

| | Low Risk | Medium Risk | High Risk | My Risk |
|-------------------------------|--|---|--|---|
| Product identification | Each piece or container of produce shipped from the farm is coded to allow the farm management to trace it from the field of origin to the distributor | Coding of produce and record keeping in completed for only certain commodities shipped from the farm. Not all lots can be traced back to field of origin. | There is no method in place to identify lots or to trace them back to the field of origin. | <input type="radio"/> Low <input type="radio"/> Medium <input type="radio"/> High |
| Mock recall | A mock recall has been conducted on the farm to test the recall strategy and verify traceback procedures | A recall plan has been discussed, but no mock or testing program of the plan has been implemented | There has been no discussion of a recall response plan among farm management | <input type="radio"/> Low <input type="radio"/> Medium <input type="radio"/> High |

Action Checklist

| Write down all high risks below. | What can you do to reduce the risk? | Set a target date for action. |
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