

	Requirement	Procedure	Verification	Corrective Action
1.	General			
1.1.	Management Responsibility			
1.1.1.	A food safety policy shall be in place.	A written policy shall outline a commitment to food safety, in general terms, how it is implemented and how it is communicated to employees, and be signed by Senior Management.	The auditor observes the food safety policy, observes that it is signed by Senior Management, and observes that it has been communicated to all employees in a manner that can be understood.	The operation Creates or revises the policy, or its communication to employees, to be in compliance.
1.1.2.	Management has designated individual(s) with roles, responsibilities and resources for food safety functions.	The Food Safety Plan shall designate who has the responsibility and authority for food safety, including a provision for the absence of key personnel. Twenty-four hour contact information shall be available for these individuals in case of food safety emergencies. These roles and responsibilities shall be communicated within the organization. The organization's senior management shall determine and provide, in a timely manner, the resources needed to implement and maintain the food safety plan.	Auditor observes that the Food Safety Plan has identified individual(s) for key food safety activities. Auditor verifies that procedures include provisions for when the identified individual is not present. Auditor observes whether Senior Management has provided the resources needed to implement and maintain the food safety plan.	Operation identifies individual(s) for key food safety activities in the Food Safety Plan. Operation identifies actions to be taken when the identified individual(s) are not present. Senior Management commits resources needed to implement and maintain the food safety plan.
1.1.3.	There is a disciplinary policy for food safety violations.	There shall be a policy that establishes corrective actions for personnel who violate established food safety policies or procedures.	Auditor observes the policy and checks for examples of enforcement	The operation creates or revises the policy, or its communication to employees, to be in compliance.
1.2.	Food Safety Plan			
1.2.1.	There shall be a written Food Safety Plan. The plan shall cover the operation. The operation and products covered shall be defined.	The Food Safety Plan shall identify all locations of operation covered by the plan and shall identify physical, chemical, and biological hazards reasonably likely to occur and hazard control procedures, including monitoring, verification and recordkeeping, for all provisions covered by this audit.	Auditor shall observe the Food Safety Plan and verify that the plan has considered potential biological, chemical and physical hazards and has identified preventive controls for hazards that may reasonably affect food safety.	Operation develops or completes a Food Safety Plan for all locations of operation.

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1.2.2.	The Food Safety Plan shall be reviewed at least annually.	Operation shall be responsible for reviewing their Food Safety Plan at least annually, <u>or anytime a change is made that might affect food safety</u> , documenting the review procedure and revising the plan as necessary. Updated or revised on date shall be indicated, <u>and a written record of review shall be signed by senior management.</u>	Auditor reviews last Food Safety Plan review.	Operation reviews Food Safety Plan and documents review.
<u>1.3.</u>	<u>Site Security and Response</u>			
<u>1.3.1.</u>	<u>Operation shall identify and assess the potential for unauthorized access to growing and/or packing areas and maintain a log of visitor and other authorized personnel access.</u>	<u>Operation shall demonstrate an awareness of site security and, to the extent within their control, take reasonable measures to prevent or minimize the potential for unauthorized access to growing and/or packing areas that impact food safety. Operation shall maintain a log of visitor and contracted personnel access.</u>	<u>Auditor observes for evidence of compliance and reviews visitor log.</u>	<u>Security assessment is performed. Visitor log is developed.</u>
<u>1.3.2.</u>	<u>Operation shall develop an emergency response plan.</u>	<u>A response plan is in place in the event of a security event potentially impacting food safety. Action taken to reduce risk to product shall be documented by means of an incident report or other record of response.</u>	<u>Auditor interviews the responsible individual for knowledge of the emergency response plan and, if applicable, reviews incident response records.</u>	<u>Emergency response plan is developed.</u>
<u>1.3.1.4.</u>	<u>Documentation & Recordkeeping</u>			
<u>1.3.1.4.1.</u>	Documentation shall be kept that demonstrates the Food Safety Plan is being followed.	Documents and records of procedures, standard operating procedures (SOPs) and policies shall be in place for meeting each of the food safety standards identified in the Food Safety Plan. Records comply with prevailing regulations.	Auditor reviews Food Safety Plan and verifies that all required documentation is available.	Operation develops missing documentation or recordkeeping procedures.
<u>1.3.2.1.4.2.</u>	Documentation shall be readily available for inspection.	Documents and records may be maintained on-site or at an off-site location, or accessible electronically <u>(e.g., MSDS)</u> , and shall be available for inspection in a reasonable timeframe or as required by prevailing regulation. <u>Records shall be protected to prevent unauthorized access or potential falsification.</u>	Auditor verifies that required documentation can be accessed in a reasonable timeframe.	Operation defines in Food Safety Plan where and how documentation is maintained and expected retrieval time.

1.3.3-1.4.3.	Documentation shall be retained for a minimum period of two years, or as required by prevailing regulation.	Document and record handling policy or procedures require that documentation required by the Food Safety Plan shall be retained for a minimum of two years, or as required by prevailing regulation.	Auditor reviews document handling procedures and verifies that required documentation is available for at least two years, or as required by prevailing regulation.	Operation revises documentation procedures.
1.4.1.5.	Worker Education and Training			
1.4.1-1.5.1.	All personnel shall receive food safety training, appropriate to their job responsibilities.	All personnel shall receive training in the food safety policy and plan, food safety procedures, sanitation and personal hygiene appropriate to their job responsibilities. Personnel shall receive training at hire and refresher training at prescribed frequencies, and as needed. Documentation of training is available.	Auditor reviews program of required training and examines training records for evidence of compliance.	Operation shall develop and deliver required training.
1.4.2-1.5.2.	Personnel with food safety responsibilities shall receive training sufficient to their responsibilities.	The individual designated for food safety responsibilities demonstrates knowledge of food safety principles. Food safety designate has completed at least one formal-adequate food safety course/workshop, by job experience or as required by prevailing regulation.	Auditor reviews the evidence of the individual's training relevant to produce food safety, such as a degree or course certificate or receipt, or attendance at a relevant food safety meeting, or company training record. If the Operation passes the food safety audit, the food safety individual's training is deemed adequate. Auditor verifies the individual's food safety knowledge through interview.	Individual must obtain demonstrable food safety training.
1.4.3-1.5.3.	Contracted personnel are held to the relevant food safety standards as they would be as employees.	Operation shall have procedures and/or records to demonstrate that contracted personnel whose activities can affect food safety have been informed of and, to the extent that can be verified, are in compliance with the relevant requirements of this standard.	Auditor reviews operation's evidence that contracted personnel are trained to the same food safety requirements as employees would be and, if practical during the audit, observes contracted personnel for compliance.	Operation obtains evidence, trains or discontinues using contracted personnel.

1-5.1.6.	Sampling and Testing			
1-5.1.6.1.	Where laboratory analysis is required in the Food Safety Plan, testing shall be performed by a GLP laboratory using validated methods.	Operation utilizes laboratories that have, at minimum, passed a Good Laboratory Practices (GLP) audit or participates in a Proficiency Testing program, and utilizes FDA's Bacteriological Analytical Manual (BAM), AOAC International or testing methods that have been validated for detecting or quantifying the target organism(s) or chemical(s).	Auditor reviews operation's evidence that only GLP laboratories and validated methods are used.	Operation discontinues using non-GLP laboratory and non-validated testing methods.
1-5.2.1.6.2.	Where microbiological analysis is required in the Food Safety Plan, samples shall be collected in accordance with an established sampling procedure and prevailing regulations.	Operation utilizes a written sampling protocol when collecting samples for microbiological testing.	Auditor observes that the operation has a sampling protocol for each type of microbiological testing required in the operation's Food Safety Plan.	Operation develops or obtains written sampling protocols for each type of microbiological testing required in their Food Safety Plan.
1-5.3.1.6.3.	Tests, their results and actions taken must be documented.	All results for microbiological testing, <u>including lab reports or certificates of analysis</u> , required in the operation's food safety plan shall be recorded and the records maintained for two years or as required by prevailing regulation.	Auditor reviews operation's recordkeeping of microbiological test results.	Operation maintains for at least two years test records for all required microbiological tests.
1-5.4.1.6.4.	All required testing shall include test procedures and actions to be taken based on the results.	For all microbiological testing required by the Food Safety Plan, operation has a written testing procedure that includes test frequency, sampling, test procedures, responsibilities and actions to be taken based on results. If finished product is tested for pathogens or other adulterants, operation's procedures require that it shall not be distributed outside the operation's control until test results are obtained.	Auditor reviews the operation's microbiological testing procedures for completeness.	Operation revises testing procedures for completeness and to meet expectations of the Food Safety Plan.
1-6.1.7.	Traceability			

1-6-1.7.1.	A documented traceability program shall be established.	Records that enable reconciliation of product delivered to recipients (one step forward) shall be maintained except for direct to consumer sales. Records shall be maintained that link product with source of the produce or production inputs, e.g., soil amendments, fertilizers, seeds/transplants, agricultural chemicals, homemade preparations (one step backward). Records shall include the items, the date of receipt or harvest, quantities, lot numbers or farm identification (field or block), transporter and non-transporter. Additional information may be included. Contents and retention of records shall be consistent with applicable regulations. If using reusable containers, procedures ensure that labels are accurate prior to packing.	Auditor reviews traceability program and verifies operation's ability to trace product accurately one step forward and one step back.	Operation establishes an effective traceability program.
1-6-2.1.7.2.	A trace back and trace forward exercise shall be performed at least annually.	The trace back and trace forward exercise shall achieve accurate traceability within 4h or as required by applicable regulations. Trace exercise shall achieve 100% reconciliation of product to recipients.	Auditor reviews records of most recent trace exercise. If no trace exercise was performed in the past year, the operation will perform the exercise during the audit.	Operation performs exercise and/or improves traceability program to achieve accurate reconciliation.
1-7.1.8.	Recall Program			
1-7.1.8.1.	A documented recall program, including written procedures, shall be established.	The recall program shall have a designated recall team. A mock recall exercise shall be performed at least annually at the operation being audited. The mock recall shall include the trace back and trace forward exercise and shall be completed as stated in the program and in compliance to applicable regulations.	Auditor reviews records of most recent mock recall performed at the operation.	Operation develops recall team and recall plan, and tests the plan for effectiveness.
1-8.1.9.	Corrective Actions			
1-8.1.9.1.	The operation shall have documented corrective action procedures.	A documented Corrective Action is required for an observation or audit that contains a non-conformance with food safety requirements. The responsibility, methods, and timelines to address Corrective Actions shall be documented and implemented.	Auditor reviews corrective action procedures and examines records for evidence of compliance.	Operation develops and implements corrective actions procedures.
1-9.1.10.	Self-audits			

1-9-1-1.10.1.	The operation shall have documented self-audit procedures.	Internal audits will be conducted at a minimum annually by an assigned individual who is knowledgeable in this standard, utilizing this standard to assist in the self-audit. All aspects of the operation's Food Safety Plan will be audited and a written record of required corrective action will be documented.	Auditor reviews internal audit procedures and examines records for evidence of compliance.	Operation develops and implements internal audit procedures.
1-10-1.11.	Worker Health/Hygiene and Toilet/Handwashing Facilities			
1-10-1-1.11.1.	Operation shall have a policy for toilet, handwashing , hygiene, and health.	Each operation shall establish written policies for their specific operations, which shall be in compliance with prevailing regulations for Worker Health and Hygiene Practices.	Auditor ensures that policies for toilet, handwashing , hygiene, and health exist.	Operation develops written policies covering toilets, handwashing , hygiene, and health.
1-10-2-1.11.2.	Employees and visitors shall be made aware of and follow all personal hygiene practices as designated by the operation.	Operation's hygiene policies shall apply to all employees, contractors, visitors, buyers, product inspectors, auditors, and other personnel in the operation. The operation shall designate competent supervisory personnel to ensure compliance by all workers, visitors, and field personnel with the requirements in this section.	Auditor observes personnel in operation for evidence of compliance.	Retraining is performed and documented. Affected product is evaluated for potential contamination and disposition.
1-10-3-1.11.3.	Toilet facilities and restrooms shall be designed, constructed, and located in a manner that minimizes the potential risk for product contamination and are directly accessible for servicing.	Toilet and handwashing facilities are situated during operation and servicing, and maintained so as not to pose a hazard to the produce or other opportunity for contamination. Restrooms are located away from produce handling areas whenever possible. If in a building, restrooms should not open directly into product handling areas. Those that do open directly into produce handling areas should have additional measures in place to mitigate risk, such as a self-closing mechanism, a maze-type entrance/exit, or distance.	Auditor visually and by records verifies that toilet and handwashing facilities are not positioned, leaking, or serviced in a manner that poses a risk of produce contamination.	Toilet or handwashing facility is replaced, repaired or repositioned to be compliant.
1-10-4-1.11.4.	Toilet facilities shall be of adequate number, easily accessible to employees and visitors and in compliance with	The operation will have verification that the number of toilet facilities and their location relative to employees meets the more stringent of federal, state, or local regulations.	Auditor verifies that the number of available toilet facilities and their location is compliant with prevailing regulation for the number of employees.	Operation obtains a sufficient number of toilet facilities to be compliant.

	applicable regulation.			
1.10.5-1.11.5.	The practice of disposing of used toilet tissue on the floor, in trash receptacles, or in boxes is prohibited, except in situations where waste systems are not capable of handling toilet paper.	Operation shall instruct employees that used toilet tissue shall only be disposed of in the toilet. If toilet paper cannot be disposed of in the toilet, the use of toilet paper disposal containers is acceptable. Containers must be used only for toilet paper or other hygiene products and must be distinguishable from towel waste containers. Operation shall develop SOPs for the sanitary disposal of waste, ensuring adequate monitoring and cleaning frequencies to prevent unsanitary conditions.	Auditor observes restrooms for evidence of compliance. Auditor observes evidence or existence of toilet paper disposal, if applicable.	Retraining is performed and documented.
1.10.6-1.11.6.	Toilet and wash stations shall be maintained in a clean and sanitary condition.	Toilet paper shall be available in toilet facility. Wash stations shall be located with the field sanitation units and include hand wash facilities with water that meets the microbial standard for drinking water, hand soap, disposable towels or other hand drying device, towel disposal container, and a tank that captures used hand wash water for disposal. These stations shall be provided inside or adjacent to toilet facilities, and any location where product handling is taking place. If portable hand wash water tanks are used, they are cleaned and sanitized at a prescribed frequency and the water is changed periodically. Restrooms shall include hand wash facilities with water that meets the microbial standard for drinking water, hand soap, disposable towels or other hand drying device, and towel disposal container. Gray water is plumbed or captured for disposal.	Auditor observes toilet and handwashing facilities for compliance. Auditor observes checklist or other evidence of a documented system for tracking cleaning of toilets and wash stations.	Toilet or handwashing facility is replaced, repaired or maintained to be compliant.

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1.11.7.	A response plan is in place for major spills or leaks of field sanitation units.	A written response plan is developed and implemented in the event of a major leak or spill.	Auditor verifies existence of the plan and interviews the responsible individual for knowledge.	Operation prepares or edits the plan or receives plan from contractors of sanitation units. The responsible individual is retrained.
1.10.7. 1.11.8.	Personnel shall wash their hands at any time when their hands may be a source of contamination.	Personnel shall wash their hands prior to start of work, after each visit to a toilet, after using a handkerchief/tissue, after handling contaminated material, after smoking, eating or drinking, after breaks and prior to returning to work, after touching animals or waste and at any other time when their hands may have become a source of contamination. Antiseptic hand rubs may not be used as a substitute for soap (or other effective surfactant) and water. Operation management reinforces importance of and compliance with handwashing policy.	Auditor observes personnel for evidence of compliance. If handwashing practices are observed to be compliant, auditor will judge management emphasis to be sufficient.	Retraining is performed and documented. Affected product is evaluated for potential contamination and disposition.
1.10.8. 1.11.9.	Signage requiring handwashing is posted.	Signage in applicable languages and/or pictures shall be provided adjacent to hand wash facilities requiring people to wash their hands after each toilet visit.	Auditor verifies that signage is present adjacent to all hand wash facilities and is in appropriate language or pictures to clearly communicate requirements to all employees.	Operation obtains and posts signage to be compliant.
1.10.9. 1.11.10.	Clothing, including footwear, shall be effectively maintained, laundered and worn so as to protect product from risk of contamination.	Operation shall have a policy that employee clothing shall be clean at the start of the day and appropriate for the operation. Clothing shall be replaced if it becomes reasonably likely to serve as a source of contamination of product or food contact surfaces.	Auditor reviews policy and observes compliance with Operation's policy.	Operation develops or revises clothing policy. Retraining is performed and documented.
1.10.10. 1.11.11.	If gloves are used, the operation shall have a glove use policy.	If rubber, disposable, cloth or other gloves are used in contact with product, the operation shall have a glove use policy that specifies how and when gloves are to be used, cleaned, replaced	If gloves are used, auditor observes glove use for compliance with the operation's policy and current	Operation develops or revises glove policy. Retraining is performed and documented.

		and stored. Hands must be washed before putting on gloves. Policy shall be in compliance with current industry practices or regulatory requirements for that commodity.	industry practices or regulatory requirements.	Affected product is evaluated for potential contamination and disposition.
1.10.11-1.11.12.	If protective <u>outer garments are worn</u> in product handling areas, shall they shall be handled in a manner to protect against contamination. <u>When appropriate, racks and/or storage containers or designated storage area for protective clothing and tools used by employees shall be provided.</u>	When employees wear protective <u>outer garments</u> , such as aprons and <u>sleeves</u> , the operation shall have a policy that <u>employees shall wear suitable outer garments, not reasonably likely to serve as a source of contamination of product or food contact surfaces.</u> The clothing <u>shall</u> not be left on product, work surfaces, equipment or packaging material but hung on <u>racks</u> or in designated areas. <u>When appropriate, racks</u> shall be available and located so as to avoid potential contamination. In addition, storage containers or designated storage areas shall be provided to ensure tools used by employees are properly stored prior to entering toilet facilities. Operation shall have a policy regarding whether protective clothing can be taken home.	If protective clothing is used, auditor observes use for compliance with the operation's policy and current industry practices or regulatory requirements. If employees wear protective clothing, auditor observes whether storage areas are designated, available and used.	Operation develops or revises protective clothing policy or procedures. Operation obtains and positions racks and storage containers as necessary. Retraining is performed and documented. Affected product is evaluated for potential contamination and disposition.
1.10.12-1.11.13.	The wearing of jewelry, body piercings and other loose objects (e.g. false nails) shall be in compliance to company policy and applicable regulation.	Operation shall have a policy that personal effects such as jewelry, watches or other items shall not be worn or brought into fresh fruit and vegetable production or handling areas if they pose a threat to the safety and suitability of the food. Policy shall be in compliance with current industry practices or regulatory requirements for that commodity.	Auditor observes personnel for evidence of compliance.	Retraining is performed and documented. Affected product is evaluated for potential contamination and disposition.
1.10.13-1.11.14.	The use of hair coverings shall be in compliance to company policy and applicable regulation.	The operation shall have a policy that addresses use of hair coverings (e.g., hair nets, beard nets, caps), which is in compliance with prevailing regulation.	Auditor reviews the operation's policy and observes employees for compliance.	Operation develops policy. Retraining is performed.
1.10.14-1.11.15.	Employees' personal belongings shall be	Operation shall have a policy for when and how employee's personal belongings shall be stored	Auditor observes personnel, produce handling areas and	Retraining is performed and documented. Affected product is

	stored in designated areas.	so as not to be a source of product contamination.	designated area for evidence of compliance.	evaluated for potential contamination and disposition.
1.10.15-1.11.16.	Smoking, chewing, eating, drinking (other than water), chewing gum, spitting , urinating , defecating , and using tobacco shall be prohibited except in clearly designated areas.	Operation shall have a policy prohibiting smoking, eating, spitting , chewing gum or tobacco, or drinking (other than water) except in designated areas. Such areas shall be designated so as not to provide a source of contamination. Operation shall have policy prohibiting urinating or defecating in any growing area.	Auditor observes personnel for evidence of compliance.	Retraining is performed and documented. Affected product is evaluated for potential contamination and disposition.
1.10.16-1.11.17.	Operation shall have a written policy that break areas are located so as not to be a source of product contamination.	Break areas shall be designated and located away from food contact/handling zones and production equipment.	Auditor observes break areas for evidence of compliance with operation policy.	Retraining is performed and documented. Affected product is evaluated for potential contamination and disposition.
1.10.17-1.11.18.	Drinking water shall be available to all field employees.	Drinking water, which meets drinking water standards, shall be easily accessible to field personnel and in compliance with applicable regulation. Bottled water or potable drinking water stations with single-use cups and a trash receptacle shall be available to all field employees.	Auditor observes evidence of drinking water accessibility and operation's evidence that water supplied to personnel meets drinking water standards.	Operation makes drinking water available to field employees, in compliance with prevailing regulation.
1.10.18-1.11.19.	Workers and visitors who show signs of illness shall be restricted from direct contact with produce or food contact surfaces.	Operation shall have a policy that restricts employees, contractors, visitors, buyers, product inspectors, auditors, and other personnel in the operation who show signs of illness (e.g., vomiting, jaundice, diarrhea) from contact with product or food contact surfaces. Policy shall require that any person so affected immediately report illness or symptoms of illness to the management.	Auditor reviews policy and observes field personnel for evidence of compliance.	Operation develops and implements policy. Retraining is performed and documented. Affected product is evaluated for potential contamination and disposition.
1.10.19-1.11.20.	Personnel with exposed cuts, sores or lesions shall not	Minor cuts or abrasions on exposed parts of the body are acceptable if covered with a non-permeable covering, bandage or glove. Bandages	Auditor observes personnel for evidence of compliance.	Retraining is performed and documented. Affected product is

	be engaged in handling product.	on hands shall be covered with gloves in compliance with operation's glove policy.		evaluated for potential contamination and disposition.
1-10-20-1.11.21.	Operation shall have a blood and bodily fluids policy.	There shall be a written policy specifying the procedures for the handling/ disposition of food or product contact surfaces that have been in contact with blood or other bodily fluids.	Auditor reviews policy and observes operation for evidence of compliance.	Operation develops and implements policy. Retraining is performed and documented. Affected product is evaluated for potential contamination and disposition.
1-10-21-1.11.22.	First aid kits shall be accessible to all personnel.	The kits shall be readily available in the vicinity of field work and in the operation and maintained in accordance with prevailing regulation. The kit materials shall be kept in a sanitary and usable condition.	Auditor observes that provisions exist for first aid kit to be readily available in vicinity of workers and is stocked in accordance with prevailing regulation.	Operation obtains and stocks a first aid kit and ensures it is readily accessible near personnel.
1-11-1.12.	<u>Cleaning Agents/ Agricultural Chemicals/ Plant Protection Products</u>			
1.12.1.	<u>All cleaning agents shall be approved for their intended use on food contact surfaces.</u>	<u>All chemicals used for cleaning or sanitizing of food contact equipment, tools, utensils, containers and other food contact surfaces shall be approved for that use, according to the chemical manufacturer or supplier and all federal, state and local requirements, and shall be used in a manner consistent with the approved use. SDS are on file for all chemicals used in the operation and are readily accessible.</u>	<u>Auditor reviews cleaning and sanitizing chemicals purchasing practices or procedures, storage area, and use procedures to verify compliance.</u>	<u>Operation ceases use of unapproved chemicals. Retraining is performed and documented. Affected product is evaluated for potential contamination and disposition.</u>
1-11-1-1.12.2.	Use of agricultural chemicals shall comply with label directions and prevailing regulation.	Agricultural chemicals, including postharvest chemicals such as biocides, waxes and plant protection products, must be registered for such use as required by prevailing regulation, and used in accordance with label directions including application rates, worker protection standards, personal protection equipment, container disposal, storage, and all requirements specified for the chemical or compound. <u>Chemicals that are not registered pesticides may be permitted for food contact use if allowed under regulations of the prevailing agency.</u> Records of chemical	Auditor reviews agricultural chemical use records for evidence of compliance with approved uses or label directions.	Operation develops and maintains agricultural chemical use records and maintains evidence of proper use of each chemical use. Retraining is performed and documented. Affected product is evaluated for potential contamination and disposition.

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		agricultural use are maintained, <u>and include crop, date and location of application, chemical used, application rate and method, and preharvest interval.</u>		
<u>1.11.2-1.12.3.</u>	If product is intended for export, pre- and postharvest agricultural chemical use shall consider requirements in the intended country of destination.	The operation shall have procedures, such as review of preharvest intervals and adjustment of postharvest application rates, sufficient to meet the MRL entry requirements of the country(ies) in which the product is intended to be traded, if known during production or postharvest handling.	Auditor reviews operation's procedure for complying with agricultural chemical restrictions in countries of destination. If the country of destination is unknown during production or postharvest handling by this operation, this item is not applicable.	Operation develops procedures, and diverts non-compliant product to a market in which the product meets standards.
<u>1.11.3-1.12.4.</u>	Agricultural chemicals shall be applied by trained, licensed or certified application personnel, as required by prevailing regulation.	Operation maintains records demonstrating that all personnel responsible for chemical applications are trained and/or licensed, or supervised by licensed personnel, in compliance with prevailing regulation.	Auditor reviews records demonstrating that application personnel are licensed and/or trained in compliance with prevailing regulation.	Operation utilizes application personnel who are appropriately licensed and/or trained.
<u>1.11.4-1.12.5.</u>	Water used with agricultural chemicals shall not be a source of product or field contamination.	Water used to dilute or deliver agricultural chemicals shall be from a source in compliance with the Water System Risk Assessment and Water Management Plan, consistent with current industry practices or regulatory requirements for that commodity.	Auditor reviews the Water System Risk Assessment for evidence that water used with agricultural chemicals has been considered, and that agricultural chemical use policies are in compliance with the Water System Risk Assessment.	Operation revises the Water System Risk Assessment. Operation uses a water source in compliance with the Water System Risk Assessment. Retraining is performed and documented. Affected product is evaluated for potential contamination and disposition.
<u>1.11.5-1.12.6.</u>	Agricultural chemical disposal shall not be a source of product	Operation shall have procedures for disposal of waste agricultural chemicals and for cleaning of	Auditor reviews procedures and observes chemical	Operation develops and implements procedures. Steps are

	or field contamination.	application equipment that protects against contamination of product and growing areas.	handling records for evidence of compliance.	taken to mitigate any contamination events.
1.12.1.13.	Waste Management			
1.12.1.13.1.	Operation has implemented a waste management plan.	Operation implements procedures for the control, storage and disposal of trash, litter, and waste in areas used for produce handling activities. Such procedures minimize the potential for trash, litter, or waste to attract or harbor pests and protect against contamination of produce, food contact surfaces, areas used for a produce handling activities, water sources, and water distribution systems. Waste treatment and disposal systems operate so that they do not constitute a potential source of contamination in produce handling areas.	Auditor verifies the operation has implemented a waste management plan.	Operation implements a waste management plan.
1.12.2.1.13.2.	Trash shall not come in contact with produce.	Trash handling and removal shall not pose a hazard of contamination of produce.	Auditor reviews trash handling procedures for operation, and observes trash handling practices for evidence of compliance.	Operation revises procedures. Retraining is performed and documented. Affected product is evaluated for potential contamination and disposition.
1.14.	Approved Supplier Program			
1.14.1.	Operation has an Approved supplier program for all incoming materials, including packaging.	Operation has and maintains a current list of approved raw material suppliers and service providers relevant to food safety. Approved Supplier program includes a procedure for accepting materials from alternate sources.	Auditor verifies a list of raw material suppliers is maintained and current. Auditor verifies that all materials received from alternate sources has followed established procedure.	Operation develops an Approved Supplier program and maintains current list. Operation develops a procedure for accepting materials from alternate sources. Operation ceases accepting or shipping materials from non-compliant suppliers.
2.	Field Production			
2.1.	Field History and Assessment			

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2.1.1.	The Food Safety Plan shall, initially and at least annually thereafter, evaluate and document the risks associated with land use history and adjacent land use including equipment and structures.	When land use history or adjacent land use indicates a possibility of physical, chemical or biological contamination, preventive controls shall be performed and documented to mitigate food safety risk. The assessment is re-performed and documented, at least annually <u>and upon significant events,</u> for environmental conditions or risk awareness that has changed since the last assessment. The assessment shall <u>address flooding and shall</u> include indoor growing facilities and structures such as green houses and hydroponics.	Auditor reviews food safety plan to verify that risks associated with field history, adjacent land use and indoor growing facilities have been evaluated at least annually and preventive controls implemented for identified risks.	Operation evaluates and documents risks associated with land use history, adjacent land use, indoor growing facilities and implements preventive controls for identified risks.
2.1.2.	For indoor growing and field storage buildings, building shall be constructed and maintained in a manner that prevents contamination of produce.	Building and equipment structures and surfaces (floors, walls, ceilings, doors, frames, hatches, etc.) shall be constructed in a manner that facilitates cleaning and sanitation and does not serve as harborage for contaminants or pests. Chill and cold storage loading dock areas shall be appropriately sealed, drained and graded. Fixtures, ducts, pipes and overhead structures shall be installed and maintained so that drips and condensation do not contaminate produce, raw materials or food contact surfaces. Water from refrigeration drip pans shall be drained and disposed of away from product and product contact surfaces. Drip pans and drains shall be designed to assure condensate does not become a source of contamination. Air intakes shall not be located near potential sources of contamination.	Auditor observes building and equipment for evidence that the building can be cleaned and maintained to prevent product contamination.	Building deficiencies are corrected. Affected product is evaluated for potential contamination and disposition.
2.1.3.	Sewage or septic systems are maintained so as not to be a source of contamination.	After a significant event (such as flooding or an earthquake) that could negatively impact a sewage or septic system, operation takes appropriate steps to ensure that sewage and septic systems continue to operate in a manner that does not contaminate produce, food contact surfaces, areas used for produce handling, water sources, or water distribution systems.	If a significant event has occurred, Auditor reviews steps taken by operation to verify sewage or septic system is not a source of contamination.	Sewage or septic systems deficiencies are corrected. Affected product is evaluated for potential contamination and disposition.

2.2.	Water Used in Growing Activities			
2.2.1.	Water System Description			
2.2.1.1.	A water system description shall be available for review.	Water sources and the production blocks they may serve shall be documented and current. The description shall include one or more of the following: maps, photographs, drawings (hand drawings are acceptable) or other means to communicate the location of water source(s), permanent fixtures and the flow of the water system (including holding systems, reservoirs or any water captured for re-use). Permanent fixtures include wells, gates, reservoirs, valves, returns and other above ground features that make up a complete irrigation system shall be documented in such a manner as to enable location in the field or in hydroponic, aeroponic or aquaponics operations.	Auditor reviews water system description or map, and verifies accuracy during inspection.	Operation develops or corrects the water system description or map.
2.2.1.2.	The water source shall be in compliance with prevailing regulations.	Water shall be sourced from a location and in a manner that is compliant with prevailing regulations.	Auditor determines whether the water source is compliant with regulations relevant for the intended use of the water.	Operation discontinues use of the source until compliant with regulations. Affected produce is evaluated for potential contamination and disposition.
2.2.1.3.	Water systems shall not be cross-connected with human or animal waste systems.	Water systems intended to convey untreated human or animal waste shall be separated from conveyances utilized to deliver water.	Auditor reviews water system for cross-connections with human or animal waste conveyances.	Operation discontinues use of the system until they are separated.
2.2.2.	Water System Risk Assessment			
2.2.2.1.	An initial risk assessment shall be performed and documented that takes into consideration the historical testing results of the water	A review or new assessment shall be conducted seasonally and any time there is a change made to the system or a situation occurs that could introduce an opportunity to contaminate the system. The risk assessment shall address potential physical, chemical, and biological hazards and hazard control procedures for the water distribution system.	Auditor reviews the risk assessment for completeness of consideration of potential hazards.	Operation develops or updates the risk assessment.

	source, the characteristics of the crop, the stage of the crop, and the method of application.			
2.2.3.	Water Management Plan			
2.2.3.1.	There shall be a water management plan to mitigate risks associated with the water system on an ongoing basis.	The water management plan shall include the following: preventive controls, monitoring and verification procedures, corrective actions, and documentation. The plan shall be reviewed following any changes made to the water system risk assessment and adjusted accordingly to incorporate such changes. Training and/or retraining of personnel having oversight or performance duties shall be documented.	Auditor reviews the water management plan for accuracy and completeness relative to the risk assessment.	Operation develops or updates the water management plan.
2.2.3.2.	Water testing shall be part of the water management plan, as directed by the water risk assessment and current industry standards or prevailing regulations for the commodities being grown.	As required, there shall be a written procedure for water testing during the production and harvest season, which includes frequency of sampling, who is taking the samples, where sample is taken, how the sample is collected, type of test and acceptance criteria. If all water is sourced from a municipal source, the municipal testing shall suffice. The frequency of testing and point of water sampling shall be determined based on the risk assessment and current industry standards or prevailing regulations for commodities being produced.	Auditor verifies that a water testing program is in compliance with the risk assessment and current industry standards or prevailing regulations and is included in the water management plan.	Operation develops a testing program consistent with risks identified in the risk assessment and with current industry standards or prevailing regulations for the commodities being produced.

2.2.3.3.	The testing program shall be implemented consistent with the water management plan.	Testing shall be performed and documented according to procedures described in the water management plan.	Auditor reviews testing records for compliance with the written plan.	Operation shall revise testing to be in compliance with the written plan. The corrective actions noted in the water management plan shall be followed until the conditions have been mitigated and the non-conformity has been resolved.
2.2.3.4.	If water is treated to meet microbiological criteria, the treatment is approved and effective for its intended use, and is appropriately monitored.	Treatment is approved for its intended use (e.g., EPA-registered antimicrobial pesticide, or registration as required by the prevailing regulation of the country of use) and is delivered in a manner to ensure that the treated water is consistently safe and of adequate sanitary quality for its intended use and/or consistently meets the relevant microbial quality criteria. Treatment is monitored at a frequency adequate to ensure that the treated water is consistently safe and of adequate sanitary quality for its intended use and/or consistently meets the relevant microbial quality criteria.	Auditor verifies that water treatment is approved for its intended use, reviews documentation that it is used effectively to meet the intended microbiological criteria, and reviews monitoring records for compliance with the operation's established procedure and acceptance criteria.	Operation discontinues use of unapproved treatments, uses approved treatments in an effective manner, and monitors the treatment at an adequate frequency.
2.2.3.5.	If postharvest handling is used to achieve microbial criteria, operation has documentation supporting its use.	If die-off or removal rates or other methods (e.g., commercial washing) are used to achieve microbial criteria of water used during growing, operation has scientific data or information used to support its effectiveness. Documentation includes the specific time interval or log reduction applied, how the time interval or log reduction was determined, and the dates of corresponding activities such as the dates of last irrigation and harvest, the dates of harvest and end of storage, and/or the dates of activities such as commercial washing.	Auditor verifies documentation for completeness.	Operation obtains documentation on, or discontinues use of, unsupported methods, uses approved methods in an effective manner, and maintains required documentation.

2.2.3.6.	If operation uses an alternative approach to regulatory microbiological testing, operation has scientific data or information to support the alternative.	If operation uses an alternative testing method, frequency or criteria to regulatory requirements, operation has documentation supporting the alternative.	Auditor verifies documentation for completeness.	Operation obtains documentation on, or discontinues use of, the alternative.
2.3.	Animal Control			
2.3.1.	The operation has a written risk assessment on animal activity in and around the production area.	There shall be a written assessment of the growing fields and adjacent land, prior to each growing season, focusing on domestic and wild animal activity including grazing and feeding operations, noting crop characteristics, type and approximate number of animals, proximity to the growing field, water sources, and other relevant factors.	Auditor reviews the written assessment to ensure it has been performed for this season and is complete.	Operation performs and documents the assessment.
2.3.2.	The operation routinely monitors for animal activity in and around the growing area during the growing season.	There shall be scheduled monitoring of growing fields and adjacent land for evidence of animal activity. A frequency of monitoring and assessment shall be established based on production factors, such as the crop, geography, and other conditions.	Auditor reviews monitoring records to ensure the frequency of monitoring is consistent with the schedule.	Operation develops and implements a monitoring schedule.
2.3.3.	Based on the risk assessment, there shall be measures to prevent or minimize the potential for contamination from animals, including domesticated animals used in farming operations.	The operation shall have risk-appropriate actions to prevent or minimize the potential for contamination of produce with pathogens from animal feces, including from domesticated animals used in farming operations. There shall be a written record of any mitigation or corrective actions. Preventive measures and corrective actions shall comply with all local, state and federal regulations concerning animal control and natural resource conservation.	Auditor reviews preventive measures and corrective action plans.	Operation develops and implements risk-appropriate corrective actions for animal intrusions reasonably likely to contaminate produce in the field.
2.4.	Soil Amendments			
2.4.1.	The Food Safety Plan shall address soil amendment risk,	If animal-based soil amendments or biosolids are used, records of composition, dates of treatment, methods utilized and application dates must be	Auditor reviews soil amendment records for completeness and evidence	Operation discontinues use of untreated, partially treated or

	preparation, use, and storage.	documented. Evidence of processing adequate to eliminate pathogens of human concern, such as letter of guarantee, certificate of analysis (COA) or any test results or verification data (e.g., time and temperature) demonstrating compliance with process or microbial standards, shall be documented. Such soil amendments must be produced, <u>handled</u> , stored, and applied in accordance with applicable federal, state, or local regulations.	of compliance with prevailing regulations. If biosolids are used, it shall be noted.	undocumented animal-based soil amendments or biosolids. Operation develops and implements policies to obtain treatment information for all animal-based soil amendments
2.4.2.	If a soil amendment containing raw or incompletely treated manure is used, it shall be used in a manner so as not to serve as a source of contamination of produce.	If such a product is used, there shall be documentation of the composition, and time and method of application. Such use will be consistent with current industry practices or regulatory restrictions for that commodity. <u>Untreated</u> human waste shall not be used.	Auditor reviews records for any soil amendment use that may contain raw or incompletely treated manure.	Operation discontinues use, or develops and implements policies to safely use animal-based soil amendments that may contain raw or incompletely treated manure. Produce grown without such controls are either diverted to thermal-processed products or destroyed.
2.5.	Vehicles, Equipment, Tools and Utensils			
2.5.1.	Equipment, vehicles, tools utensils and other items or materials used in farming operations that may contact produce are identified.	Operation maintains a list of equipment, vehicles, tools, utensils and other items or materials that may pose a risk of produce contamination during normal use.	Auditor reviews the list for completeness.	Operation develops a list of equipment, vehicles, tools and utensils that may pose a risk of produce contamination during normal use.

2.5.2.	Equipment, vehicles, tools and utensils used in farming operations which come into contact with produce are in good repair, and are not a source of contamination of produce.	The operation shall develop, implement, and schedule repair, cleaning, sanitizing, storage and handling procedures of all food contact surfaces to reduce and control the potential for contamination. Records must include the date and method of cleaning and sanitizing equipment. As necessary for food safety, vehicles and equipment shall be properly calibrated, operated, maintained, and used as intended. Equipment traffic flow is prevented from traveling through an untreated manure area into the harvesting field. These procedures shall be documented. Product contact tools, utensils and equipment shall be made of materials that can be cleaned and sanitized. Procedures include equipment and vehicles that are in the field infrequently.	Auditor observes production and harvest vehicles, equipment, tools and utensils which may come into contact with produce for evidence of food safety risks. Auditor reviews maintenance, cleaning and sanitation records that demonstrate compliance with procedures.	Operation develops maintenance, cleaning and sanitation procedures for equipment, vehicles, tools and utensils that may pose a risk for produce contamination. Affected product is evaluated for potential contamination and disposition.
2.5.3.	Vehicles, equipment, tools and utensils shall be controlled so as not to be a source of chemical hazards.	Operation shall have a written procedure to address the spills and leaks (fuel, oil, hydraulic fluids) which might occur during equipment operation in the field.	Auditor observes production and harvest vehicles, equipment, tools and utensils which may come into contact with produce for evidence of food safety risks.	Operation repairs leaks and cleans any food contact surfaces. Affected product is evaluated for potential contamination and disposition.
2.5.4.	Vehicles, equipment, tools and utensils shall be controlled so as not to be a source of physical hazards.	Operation has a glass and brittle plastic policy that addresses glass on production equipment and in growing area. Inspections performed in compliance with the policy shall be documented.	Auditor observes production and harvest vehicles, equipment, tools and utensils which may come into contact with produce for evidence of food safety risks and for compliance with the glass and brittle plastic policy.	Operation develops policy. Retraining is performed. Source of food safety risk is mitigated.
2.5.5.	Cleaning and sanitizing procedures do not pose a risk of product contamination.	Equipment cleaning and sanitizing operations shall be conducted away from the product and other equipment to reduce the potential for contamination. Water used for cleaning and sanitizing shall meet the microbial standards for drinking water.	Auditor reviews cleaning and sanitizing procedures for steps to prevent contamination of produce, and observes operation's evidence of compliance.	Operation develops and implements procedures. Retraining is performed and documented. Affected product is evaluated for potential

				contamination and disposition.
2.5.6.	Water tanks are cleaned at a sufficient frequency so as not to be a source of contamination.	There shall be a written procedure for cleaning water tanks, such as those used for dust control, the water from which may contact produce in the field.	Auditor reviews water tank cleaning procedures for steps to prevent contamination of produce, and observes operation's evidence of compliance.	Operation develops and implements procedures. Retraining is performed and documented. Affected product is evaluated for potential contamination and disposition.
3.	Harvesting			
3.1.	Preharvest Assessment			
3.1.1.	A preharvest risk assessment shall be performed.	The operation shall have a preharvest assessment procedure, which describes when the assessment is performed and that it includes an evaluation of conditions that may be reasonably likely to result in physical, chemical, or biological contamination of the produce, and demonstrates that the operation is in compliance with the food safety plan. Results of the evaluation shall be documented.	Auditor reviews most recent preharvest assessment for completeness and consistency with the food safety plan.	Operation develops and implements a preharvest assessment procedure.
3.2.	Water/Ice Used in the Harvesting and Postharvest Operations			
3.2.1.	Operation has procedures for water used in contact with product or food contact surfaces.	Standard Operating Procedures (SOPs), including water change schedules, shall be developed for all harvest and postharvest uses of water. Microbial and/or physical/ chemical (e.g., test strips) testing shall be performed, as appropriate to the specific operation, to demonstrate that acceptance criteria have been met.	Auditor observes evidence of existence of water use SOPs.	Operation develops the SOPs.

3.2.2.	Water use SOPs address the microbial quality of water or ice that directly contacts the harvested crop or is used on food contact surfaces.	If water or ice directly contacts the harvested crop or is used on food contact surfaces, including in the field, as the final wash step prior to consumer packaging, or as a cooling aid in a consumer package, operation's water use SOP requires that water or ice when applied meets the microbial standards for drinking water, as defined by prevailing regulation. Water may be treated (e.g., with chlorine) to achieve the microbial standards or to prevent cross-contamination. Ice and water shall be sourced/manufactured, transported, and stored under sanitary conditions. Special considerations or variances may be appropriate for some crops, e.g. cranberries and watercress, where deliberate flooding of the field is part of production and harvest practices.	Auditor reviews operation's policy regarding water quality and its transport and observes evidence that water or ice that contacts harvested crop or food contact surfaces meets the microbial standards for drinking water.	Operation discontinues using water or ice that does not meet the microbial standards of drinking water. Retraining is performed and documented. Affected product is evaluated for potential contamination and disposition.
3.2.3.	Water use SOPs address treatment of recirculated-re-used water, if used.	Operation's water use SOPs require recirculated re-used water to be treated using an approved antimicrobial to prevent it from becoming a source of contamination, according to prevailing regulation or industry specific standards for the commodity.	Auditor reviews water use SOP for completeness and observes water treatment records for adequacy and consistency of treatment.	Operation discontinues using recirculated water that is not treated sufficiently to prevent contamination of the produce. Retraining is performed and documented. Affected product is evaluated for potential contamination and disposition.
3.2.4.	Water use SOPs address condition and maintenance of water delivery system.	The water delivery system shall be maintained so as not to serve as a source of contamination of produce, water supplies or equipment with pathogens, or to create an unsanitary condition.	Auditor reviews the SOP for inclusion of condition and maintenance of water delivery system, and observes maintenance records for evidence of compliance.	Operation revises SOP and implements maintenance procedures.

3.2.5.	If applicable to the specific commodity, water use SOPs address control of immersion water temperature.	For produce that is immersed in water and demonstrated as being susceptible to microbial infiltration from water, water temperature differentials during immersion shall be controlled in accordance with prevailing regulation or industry guidelines.	If applicable to the commodity being immersed, auditor reviews the SOP for inclusion of water temperature control, and observes monitoring records for evidence of compliance.	Operation revises SOP to address and control wash water temperature.
3.3.	Containers, Bins and Packaging Materials			
3.3.1.	Operation has written policy regarding storage of harvesting containers.	Harvesting containers shall be stored in a manner so as not to serve as a source of contamination to the extent feasible and appropriate.	Auditor observes whether operation has a policy regarding storage of harvesting containers used in the field. Auditor observes current practices for compliance with policy.	Operation develops the policy. Retraining is performed and documented.
3.3.2.	Operation has written policy regarding inspection of food contact containers prior to use.	Food contact totes, bins, packing materials, other harvest containers, and pallets shall be visually inspected, clean, intact and free of any foreign materials prior to use. Containers shall be sufficiently maintained so as not to become a source of contamination.	Auditor observes whether operation has a policy regarding inspection of food contact containers and observes current practices for compliance with policy.	Operation develops the policy. Retraining is performed and documented
3.3.3.	Operation has written policy regarding acceptable harvesting containers.	The types and construction of harvest containers and packing materials shall be appropriate to the commodity being harvested and suited for their intended purpose.	Auditor observes whether operation has a policy regarding what types of containers and packing materials are acceptable for use during harvest, and observes current practices for compliance with the policy.	Operation develops the policy. Retraining is performed and documented.
3.3.4.	Operation has written policy prohibiting use of harvest containers for non-harvest purposes.	Food contact totes, bins and other harvest containers designated for harvesting shall not be used for other purposes unless clearly marked or labeled for that purpose.	Auditor observes whether operation has a policy prohibiting use of harvest containers for other uses unless otherwise labeled, and observes current practices for compliance with the policy.	Operation develops the policy. Retraining is performed and documented.

3.4.	Field Packaging and Handling			
3.4.1.	Operation shall have a written policy that visibly contaminated, damaged or decayed produce is not harvested, or is culled.	Employees are trained that only sound produce appropriate for the intended use is harvested, and that produce that has been visibly contaminated or otherwise damaged to an extent that it poses a microbial food safety hazard is not harvested or is culled.	Auditor reviews written policy and evidence of employee training. Auditor inspects the harvest or sorting operation for evidence of compliance.	Operation develops the policy. Retraining is performed and documented. Affected product is evaluated for potential contamination and disposition.
3.4.2.	Product that contacts the ground shall not be harvested unless the product normally grows in contact with the ground.	Operation has considered and developed written policies regarding produce that comes in contact with the soil (e.g., drops) and to avoid, to the degree practicable, contact of cut surfaces of harvested produce with soil. Policy shall be consistent with industry standards or prevailing regulations.	Auditor reviews written policy and evidence of employee training. Auditor inspects the harvest or sorting operation for evidence of compliance.	Operation develops the policy. Retraining is performed and documented. Affected product is evaluated for potential contamination and disposition.
3.4.3.	Harvest procedures shall include measures to inspect for and remove physical hazards.	Operation shall have procedures to detect glass/plastic breakage and remove possible physical contamination such as glass, metal, rocks, or other hazardous items, during harvesting operations.	Auditor inspects the harvest or sorting operation for evidence of hazard control.	Operation develops the procedure. Affected product is evaluated for potential contamination and disposition.
3.4.4.	Cloths, towels, or other cleaning materials that pose a risk of cross-contamination shall not be used to wipe produce, <u>unless risk mitigation procedures are in place.</u>	Operations shall not use cloths or other cleaning materials to clean produce, unless there is a procedure to <u>reduce risk of prevent</u> cross-contamination.	Auditor reviews whether operation uses cloths or other produce cleaning materials and, if so, how operation prevents cross-contamination between uses.	Operation ceases use of produce cleaning cloths or develops procedure to prevent cross-contamination. Affected product is evaluated for potential contamination and disposition.

Commented [EG5]: Will additionally be added to post-harvest standard

3.4.5.	Packaging materials shall be appropriate for their intended use.	The product contact packaging shall be appropriate to the commodity being harvested and suited for its intended purpose.	Auditor observes evidence (e.g., information from supplier, customer specification, industry standards, prevailing regulation) that the packaging does not create an unsafe condition.	Operation discontinues use of the packaging until information can be obtained demonstrating safe use. Affected product is evaluated for potential contamination and disposition.
3.4.6.	Packaging shall be stored in a manner that prevents contamination.	Packaging storage shall be designed to maintain packaging dry, clean and free from dirt or residues so it remains fit for the purpose. Particular care shall be taken to prevent packaging from becoming a harborage for rodents and other vermin. Packaging shall be stored separately from hazardous chemicals, toxic substances and other sources of contamination.	Auditor inspects packaging storage area for evidence of compliance.	Operation designates a storage area and practices that reduce risk of contamination. Affected packaging is evaluated for potential contamination and disposition.
3.4.7.	Operation has written policy regarding whether packing-packaging materials are permitted in direct contact with the soil.	If produce is packed in field, operation has considered and developed written policies regarding placement of packing-packaging materials directly on the soil, or whether a physical buffer (e.g., buffer bin or slip sheet) is required. Policy shall be consistent with industry standards.	Auditor observes whether operation has a policy regarding placement of packing-packaging materials used in the field in direct contact with soil. Auditor observes current practices for compliance with policy.	Operation develops the policy. Retraining is performed and documented
4.	Transportation (Field to Storage or Packinghouse)			
4.1.	Equipment Sanitation and Maintenance			
4.1.1.	The operation shall have a policy, written procedures, and a checklist to verify cleanliness and functionality of shipping units (e.g., trailer).	Shipping units shall be clean, functional and free of objectionable odors before loading, in compliance with current industry practices or regulatory requirements for that commodity. Refrigeration units, if used, must be in working order.	Auditor reviews cleaning and inspection procedures and inspects produce transport vehicles for cleanliness.	Operation develops the policy. Retraining is performed and documented. Affected product is evaluated for potential contamination and disposition.

4.1.2.	Loading/unloading procedures and equipment shall minimize damage to and prevent contamination of produce.	Personnel responsible for the loading and unloading of produce shall take steps to minimize the potential of physical damage to produce, which can introduce and/or promote the growth of pathogens. Loading/unloading equipment shall be clean and well maintained and of suitable type to avoid contamination of the produce.	Auditor observes loading/unloading procedures for evidence of practices that result in excessive damage to produce. Auditor observes loading/unloading equipment for suitability and condition.	Operation revises procedures. Retraining is performed and documented. Affected product is evaluated for potential contamination and disposition.
5.	Postharvest Operations			
<u>5.1.</u>	<u>Packinghouse Assessment</u>			
<u>5.1.1.</u>	<u>Operation has initially and at least annually thereafter, performed and documented a risk assessment of the packinghouse, and has addressed all identified risks.</u>	<u>Records shall be available to demonstrate that the packinghouse has been evaluated with regards to potential food safety hazards associated with the packinghouse and the activities taking place within. Workers shall be trained on what the food safety hazards are and how to manage them.</u>	<u>Auditors verify the operation has performed and documented a risk assessment of the packinghouse. Auditor verifies that control measures for all significant hazards identified during the risk assessment are implemented.</u>	<u>The operation shall perform and document a risk assessment for the packinghouse. Training of appropriate personnel may need to take place on conducting and recording this assessment. Operation trains workers on the maintenance of the food safety hazards identified and how to manage and record the management of these hazards.</u>
<u>1-1-5.2.</u>	<u>Raw Material Sourcing</u>			
<u>1-1.1.</u>	<u>Operation has an Approved Supplier program for all incoming materials, including packaging.</u>	<u>Operation has and maintains a current list of approved raw material suppliers. Approved Supplier program includes a procedure for accepting materials from alternate sources.</u>	<u>Auditor verifies a list of raw material suppliers is maintained and current. Auditor verifies that all materials received from alternate sources has followed established procedure.</u>	<u>Operation develops an Approved Supplier program and maintains current list. Operation develops a procedure for accepting materials from alternate sources. Operation ceases accepting or shipping materials from non-compliant suppliers.</u>

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Commented [EG7]: Include in general section applying to both pre and post harvest

1.1.2.5.2.1.	The Operation has a policy and takes affirmative steps to ensure that all fresh produce that are packed or stored in the operation are grown following requirements in this standard.	The operation requires all raw product suppliers to provide evidence of food safety/GAP programs and compliance. Such evidence must include sufficient documentation to demonstrate that the supplier complies with the requirements in this standard.	Auditor reviews policy and verifies that operation's evidence of supplier compliance with food safety/GAP programs is in compliance with the operation's policy.	Operation obtains Required documentation. Operation ceases accepting or shipping product from non approved suppliers, until sufficient documentation demonstrating compliance is received by the operation.
5.3.	Post-Harvest Handling			
5.3.1.	Harvested produce is handled in a manner such that it is not likely to become contaminated.	Operation has a policy, in compliance with current industry practices or regulatory requirements for that commodity, regarding handling, walking, stepping, or lying on harvested produce, food contact surfaces or packaging materials, or coming in contact with produce that has not been handled in compliance with these standards, or that may otherwise result in contamination.	Auditor reviews policy and produce handling practices for evidence of compliance.	Operation develops the policy. Retraining is performed and documented. Affected product is evaluated for potential contamination and disposition.
1.2.5.4.	Water/Ice			

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1.2.1.5.4.1.	A water system description shall be prepared.	Water sources and the operations they serve shall be documented and current. The description shall include one or more of the following: maps, photographs, drawings (hand drawings are acceptable) or other means to communicate the location of water source(s), permanent fixtures and the flow of the water system (including holding systems, reservoirs or any water captured for re-use). Permanent fixtures include wells, gates, reservoirs, valves, returns, backflow prevention and other above ground features that make up a complete water distribution system shall be documented in such a manner as to enable location in the operation.	Auditor reviews water system description or map and verifies accuracy during operation inspection.	Operation develops or corrects the water system description or map.
1.2.2.5.4.2.	Documented scheduled assessment of water system including delivery equipment shall be performed.	The water delivery system shall be maintained so as not to serve as a source of contamination of produce, water supplies or equipment with pathogens, or to create an unsanitary condition. Water installations and equipment are constructed and maintained to prevent back siphonage backflow and cross connections between product contact water and waste water. Routine checks verify that back siphonage and backflow prevention units are functioning properly (annual or as needed to maintain continuous protection). Results are documented.	Auditor reviews maintenance records and examines water system for compliance with water system maintenance program, including backflow prevention and cross-connections.	Operation corrects deficiencies in ability of water system to reliably distribute safe water and schedules water system assessments. Affected product is evaluated for potential contamination and disposition.
1.2.3.5.4.3.	Operation Food Safety Plan includes produce washing process, if used.	If produce is washed, an initial risk assessment of the washing process shall be performed that takes into consideration the commodity, type of wash system, type of sanitizer, and water quality.	Auditor reviews Food Safety Plan and operational procedures to determine if washing process has been considered.	Operation revises Food Safety Plan to include produce washing process.
1.2.4.5.4.4.	Water change schedules shall be developed for all uses of water where water is re-used.	Operation shall have procedures for changing water that is re-used, such as recirculated water, flumes and dump tanks.	Auditor observes water use procedures and evidence of compliance.	Operation develops water use procedures. Affected product is evaluated for potential contamination and disposition.

1-2.5-5.4.5.	Recirculated-Re-used water that contacts product or food contact surfaces shall be treated using an approved antimicrobial process or chemical treatment.	Recirculated-Re-used water shall be treated using an antimicrobial treatment sufficient to prevent cross-contamination, <u>unless prevailing regulation or commodity specific standards provide an alternative</u> . Treatments shall comply with prevailing regulation or the country in which the product is intended to be traded, whichever is more stringent.	Auditor reviews water treatment process and evidence of compliance with regulation and the operation's established procedure.	Operation suspends operation until water treatment functions so as to prevent risk of product contamination. Affected product and product handling areas are evaluated for potential contamination and disposition.
1-2.6-5.4.6.	Operation has documentation demonstrating regulatory approval of the wash water antimicrobials in use.	Only wash water antimicrobials or antimicrobial systems registered or approved by EPA, FDA or the prevailing regulatory agency for their specific intended use may be used in the dump tank wash water, on the spray line or other food contact purposes.	Auditor reviews documentation for appropriateness of use.	Operation obtains documentation or is discontinues use of the antimicrobial system and implements use of appropriate antimicrobial system. Affected product is evaluated for potential contamination and disposition.
1-2.7-5.4.7.	If wash water antimicrobial is used, it shall be used in accordance with established operational procedure and manufacturer instructions.	Records shall be kept. Operation shall have a procedure that includes minimum limits for antimicrobial in wash water for food safety. Procedure shall include how to control, monitor and record use of wash water antimicrobial as needed to assure compliance with minimum limits. Operation shall have a procedure as to what corrective actions are taken if criteria are not met.	Auditor reviews operational procedures and antimicrobial use and corrective actions records for compliance.	Operation develops, documents and implements procedures for use of the antimicrobial system in compliance with manufacturer instructions. Affected product is evaluated for potential contamination and disposition.

1-2-8-5.4.8.	If used, water antimicrobial treatments shall be monitored sufficiently to assure continuous control.	Microbial, physical or chemical testing shall be performed, as appropriate to the specific operation, to demonstrate that acceptance criteria have been met.	Auditor reviews monitoring records for compliance with the operation's established procedure and acceptance criteria.	Operation establishes monitoring program that assures continuous control of water antimicrobial treatment to meet acceptance criteria.
1-2-9-5.4.9.	Debris, damaged and/or visibly contaminated produce shall be removed from wash areas/dump tanks to the extent possible.	Operation has procedures to determine how and when debris, damaged and/or visibly contaminated produce shall be removed from wash areas/dump tanks.	Auditor reviews procedures and observes wash areas for evidence of compliance.	Operation develops, documents and implements a wash area control program. Retraining is performed and documented. Affected product is evaluated for potential contamination and disposition.
1-3-5.5.	Containers, Bins, and Packaging			
1-3-1-5.5.1.	Specifications for all packaging materials that impact on finished product safety shall be provided and comply with prevailing regulations.	The methods and responsibility for developing and approving detailed specifications and labels for all packaging shall be documented. A register of packaging specifications and label approvals shall be maintained and kept current.	Auditor reviews documentation on methods and responsibilities for packaging materials and label approvals.	Operation revises labels and packaging materials to be compliant with prevailing regulations.
5.5.2.	Operation has a written procedure for inspecting incoming packaging material.	All packaging materials are inspected for evidence of contamination upon arrival. Results are recorded.	Auditor reviews procedure and examples of packaging for compliance.	Operation creates or revises policy. Contaminated or adulterated packaging material is rejected or discarded. Retraining is performed.
1-3-2-5.5.3.	Operation has written policy regarding storage and post-storage handling of product contact containers.	Product contact containers, as appropriate to the specific operation (e.g., harvest bins, totes, crates, sacks, buckets, finished product clam shells, bags or packaging films), shall be stored, or handled (e.g., cleaned prior to post-storage	Auditor observes whether operation has a policy regarding storage and handling of product contact containers used in the operation. Auditor observes	Operation develops the policy. Retraining is performed and documented.

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		use), in a manner so as not to serve as a source of contamination	current practices for compliance with policy.	
5.5.4.	Materials that come in contact with the produce shall be clean and in good repair.	Operation has written procedures for cleaning and, if practicable, sanitizing of pallets, produce bins, totes and materials that come in contact with the produce during handling or storage so as not to be a source of contamination. Procedures require that cleaning and sanitizing be documented.	Auditor reviews SOP, cleaning logs and records, interviews responsible individuals for knowledge of the SOP and observes containers, employees and records for evidence of compliance.	Operation develops the policy. Retraining is performed and documented. Affected materials are evaluated for potential contamination and disposition.
1-3-3-5.5.5.	Operation has written policy regarding whether product contact containers are permitted in direct contact with the ground or floor .	If produce does not normally contact the ground during production, operation has considered and developed written policies regarding placement of product contact containers directly on the ground or floor , or whether a physical buffer (e.g., buffer bin or slip sheet) is required, or use of containers constructed to prevent contact of the produce or produce contact surfaces with the ground. Policy shall be consistent with industry standards.	Auditor observes whether operation has a policy regarding placement of product contact containers in direct contact with the ground. Auditor observes current practices for compliance with policy.	Operation develops the policy. Retraining is performed and documented.
1-3-4-5.5.6.	Operation has written policy regarding inspection of food contact containers and bins prior to use.	Food contact totes, bins, packing and packaging materials, other harvest containers, and pallets shall be visually inspected, clean, intact and free of any foreign materials prior to use. Containers shall be sufficiently maintained so as not to become a source of contamination.	Auditor observes whether operation has a policy regarding inspection of food contact containers and observes current practices for compliance with policy.	Operation develops the policy. Retraining is performed and documented.
1-3-5-5.5.7.	Operation has written policy regarding acceptable product contact containers.	The types and construction of product contact containers and packing materials shall be appropriate to the commodity being handled and suited for their intended purpose. Produce shall only be stored in clean and sanitary containers.	Auditor observes whether operation has a policy regarding what types of containers and packing materials are acceptable for use and observes current practices for compliance with the policy.	Operation develops the policy. Appropriate product contact containers are obtained. Affected product is evaluated for potential contamination and disposition.
1-3-6-5.5.8.	Operation has written policy	Food contact totes, bins and other product contact containers shall not be used for other	Auditor observes whether operation has a policy	Operation develops the policy. Retraining

	prohibiting use of product contact containers for non-product purposes unless clearly marked or labeled for that purpose.	purposes unless the operation has a policy or procedure that clearly designates approved non-product contact uses and how the containers are to be marked or labeled for that purpose. Food contact totes, bins and other packing containers and equipment that are no longer cleanable shall not be used for packing but can be used for other non-food uses if clearly marked/labeled.	prohibiting use of product contact containers for other uses unless otherwise labeled and observes current practices for compliance with the policy.	is performed and documented.
1.3.7.5.5.9.	Pallets shall be kept clean and in good condition as appropriate for their intended use.	Operation inspects pallets prior to use for conditions that may be a source of produce contamination. Pallets that are not cleanable are removed from use. Pallets and other wooden surfaces are properly dried after being washed.	Auditor observes pallets for compliance.	Operation removes noncompliant pallets from use.
1.4.5.6.	Building, Equipment, Tools			
1.4.1.5.6.1.	Building shall be located, designed, constructed, and maintained in a manner that prevents contamination of produce during handling, storage, staging and cooling.	Product flow is designed to minimize risk of cross-contamination. Building and equipment structures and surfaces (floors, walls, ceilings, doors, frames, hatches, etc.) shall be constructed in a manner that facilitates cleaning and sanitation and does not serve as harborage for contaminants or pests. Drop ceilings shall enable cleaning and monitoring for pest activity. Chill and cold storage loading dock areas shall be appropriately sealed, drained and graded, as appropriate for the operation. Fixtures, ducts, pipes and overhead structures shall be installed and maintained so that drips and condensation do not contaminate produce, raw materials or food contact surfaces. Drip pans and drains shall be designed to assure condensate does not become a source of contamination. Water from refrigeration drip pans shall be drained and disposed of away from product and product contact surfaces. Floors are designed to minimize and/or facilitate the removal of standing water. Air intakes shall not be located near potential sources of contamination.	Auditor observes building and equipment for evidence that the building can be cleaned and maintained to prevent product contamination.	Building deficiencies are corrected. Affected product is evaluated for potential contamination and disposition.

1.4.2-5.6.2.	The sewage disposal system is adequate for the process and maintained to prevent direct or indirect product contamination.	The human waste and gray water sewage system has sufficient capacity to handle the operation's peak flows and not cause direct or indirect product contamination. Cross-connections with product contact water systems are prohibited. <u>Floor drains are adequate, functional, free of obstruction and are properly maintained and cleaned to prevent them from becoming sources of contamination.</u>	Auditor observes operation for evidence of compliance.	Operation suspends operation until sewage disposal system functions so as to prevent risk of product contamination. Affected product and product handling areas are evaluated for potential contamination and disposition.
1.4.3-5.6.3.	A Preventive Maintenance and/or Master Cleaning Schedule, with related SOPs, shall be established	There is a written cleaning and sanitation schedule for all food and non-food contact surfaces including floors, drains, walls, ceilings and other surfaces that may pose a source of product contamination. Roof leaks shall be promptly identified, controlled and repaired. Operation has procedures for cleaning and sanitation of cooling equipment. Drip pans and drains shall be maintained to assure condensate does not become a source of contamination. <u>If standing water exists, it is removed from floors and floors cleaned in a manner and at a frequency sufficient to prevent creation of a source of contamination.</u>	Auditor reviews Preventive Maintenance and/or Master Cleaning Schedule, observes building and equipment for evidence that the building is cleaned and maintained to prevent product contamination. Auditor reviews building maintenance records for evidence of repairs.	Operation develops a Preventive Maintenance and/or Master Cleaning Schedule, with related SOPs. Building deficiencies are corrected. Retraining is performed and documented. Affected product is evaluated for potential contamination and disposition.
1.4.4.	All cleaning agents shall be approved for their intended use on food contact surfaces.	All chemicals used for cleaning or sanitizing of food contact equipment, tools, utensils, containers and other food contact surfaces shall be approved for that use, according to the chemical manufacturer or supplier and all federal, state and local requirements, and shall be used in a manner consistent with the approved use.	Auditor reviews cleaning and sanitizing chemicals purchasing practices or procedures, storage area, and use procedures to verify compliance.	Operation ceases use of unapproved chemicals. Retraining is performed and documented. Affected product is evaluated for potential contamination and disposition.
1.4.5-5.6.4.	Cleaning equipment and tools are clean, in working order and	Equipment, utensils and tools used for cleaning or sanitizing, including food contact and non-food contact surfaces, are maintained in a manner	Auditor reviews practices or procedures for use and storage of cleaning and	Operation develops written procedures for maintaining and storing

Commented [EG11]: Move to earlier section to be applicable for preharvest as well

	stored properly away from product handling areas.	sufficient to avoid becoming a source of produce contamination and are stored away from product handling areas.	sanitizing equipment, tools and utensils, and observes storage area for compliance.	cleaning and sanitizing equipment, tools and utensils. Retraining is performed and documented. Affected product is evaluated for potential contamination and disposition.
1.4.6-5.6.5.	Food contact surfaces shall be cleaned, sanitized and maintained according to the Food Safety Plan.	Prior to use, the lines used for washing, grading, sorting, or packing shall be cleaned and sanitized as appropriate per risk assessment or prevailing regulations. Records must include the date and method of cleaning and sanitizing equipment. When in use, the lines shall be maintained so as not to be a source of contamination with pathogens.	Auditor reviews cleaning and sanitizing procedures and records and observes food contact surfaces to verify compliance.	Operation develops written cleaning and sanitizing procedures and records consistent with the Food Safety Plan. Retraining is performed and documented. Affected product is evaluated for potential contamination and disposition.
1.4.7-5.6.6.	Adequate lighting shall be provided in all areas.	Lighting in all areas shall be sufficient to enable cleaning, sanitation, repairs, etc.	Auditor observes, directly or by other evidence that sufficient lighting is provided to the worker to clearly see the task being performed.	Operation installs adequate, lighting.
1.4.8-5.6.7.	Where temperature control is required for food safety, cooling facilities shall be fitted with temperature monitoring equipment or suitable temperature monitoring device.	Temperature monitoring equipment shall be located in all temperature controlled areas and shall be located so as to accurately monitor the temperature. Temperature measuring devices shall be monitored and calibrated on a scheduled basis or as needed.	Auditor observes evidence that temperatures are being monitored, and reviews calibration records and procedures for temperature monitoring equipment.	Operation establishes and implements temperature monitoring procedures.
1.4.9-5.6.8.	All instruments used to measure temperature, pH,	Records shall be kept. If an ORP system is used, an independent measurement shall be used to verify compliance. Test methods or test strips	Auditor reviews calibration and verification procedures and records.	Operation develops, documents and implements calibration

	antimicrobial levels and or other important devices used to monitor requirements in this section shall be adequately maintained and calibrated at a frequency sufficient to assure continuous accuracy.	used to monitor requirements shall be appropriate to their use, sufficiently sensitive to their intended purpose and available in adequate numbers for their designated use.		and verification procedures and records.
1.4.10-5.6.9.	Foreign material control devices are inspected and maintained	If included in the Food Safety Plan, foreign material control devices shall be included as part of a Preventive Maintenance Schedule or other program and maintained to ensure effective operation. Calibration checks shall be performed according to written procedure or manufacturer's recommendations.	Auditor inspects any foreign material control devices and maintenance and calibration check records for compliance.	Operation develops written procedures for inspection, calibration checks and maintenance of foreign material control devices. Retraining is performed and documented. Affected product is evaluated for potential contamination and disposition.
1.4.11-5.6.10.	Cooling equipment shall be maintained so as not to be a source of product contamination.	Cooling equipment (e.g. hydrocoolers, air coolers), shall be inspected, all debris removed, and cleaned and sanitized according to written sanitation SOPs.	Auditor reviews cooling equipment maintenance and sanitation procedures and inspects equipment for compliance with procedures.	Operation develops and implements effective maintenance and sanitation procedures.
1.4.12-5.6.11.	Transporting equipment shall be maintained to prevent contamination of products being transported.	Pallet jacks, carts, trolleys and forklifts, shall be maintained to prevent contamination of products being transported and are listed on the Preventive Maintenance and/or Master Cleaning Schedules.	Auditor observes transporting equipment and reviews Schedules and records for evidence of compliance.	Operation develops and implements Preventive Maintenance and/or Master Cleaning Schedules.

1.4.13-5.6.12.	Outside garbage receptacles/dumpsters are closed and located away from building entrances and the area around such sites is reasonably clean.	Waste containers and compactors are located away from produce handling areas, are closed or have lids (except for waste collection/cull trailers in active use), are emptied on a scheduled basis or as needed, and weeds and other pest harborage are minimized around the containers.	Auditor observes waste container location and management practices.	Operation relocates waste containers. Building deficiencies are corrected. Retraining is performed and documented.
1.4.14-5.6.13.	The plant grounds are reasonably free of litter, waste culls, vegetation, debris and standing water.	Operation has procedures to maintain the grounds surrounding the building in a manner to minimize sources of contamination, such as litter, vegetation, waste culls, debris and standing water that may be pest attractants or harborages. Equipment and materials stored outside are stored away from the building perimeter. Outside storage areas are included in pest control program. Vegetation that does not serve as an attractant or harborage is permitted.	Auditor observes the grounds for compliance.	Operation removes the attractants and harborages and develops procedure to maintain grounds in compliance.
1.4.15-5.6.14.	Sewage or septic systems are maintained so as not to be a source of contamination.	After a significant event (such as flooding or an earthquake) that could negatively impact a sewage or septic system, operation takes appropriate steps to ensure that sewage and septic systems continue to operate in a manner that does not contaminate produce, food contact surfaces, areas used for produce handling, water sources and/or distribution systems used for growing.	If a significant event has occurred, Auditor reviews steps taken by Operation to verify sewage or septic system is not a source of contamination.	Sewage or septic systems deficiencies are corrected. Affected product is evaluated for potential contamination and disposition.
1.5.5.7.	Allergen Control			
1.5.1.5.7.1.	If applicable, Operation has a written Allergen Control Program.	The Allergen Control Program lists the allergens in use or storage at the operation specific to country regulations. If applicable, procedures address identification and segregation of allergens during storage and handling as based on a risk assessment conducted by the operation.	Auditor reviews Allergen Control Program and inspects facility for evidence of allergen use and storage.	Operation develops and implements an Allergen Control Program or eliminates allergens from the facility.
1.5.2.	Harvested produce is handled in a manner such that it is not likely to	Operation has a policy, in compliance with current industry practices or regulatory requirements for that commodity, regarding handling, walking, stepping, or lying on harvested produce, food contact surfaces or	Auditor reviews policy and produce handling practices for evidence of compliance.	Operation develops the policy. Retraining is performed and documented. Affected product is evaluated

Commented [EG12]: Requirement 5.8.1 removed; some language was kept and added to Procedure section in 5.6.13

	become contaminated.	packaging materials, or coming in contact with produce that has not been handled in compliance with these standards, or that may otherwise result in contamination.		for potential contamination and disposition.
1.5.3.	Materials that come in contact with the produce shall be clean and in good repair.	Operation has a policy that pallets, produce bins, totes and materials that come in contact with the produce or the containers during handling or storage shall be cleaned and, if practicable, sanitized sufficient so as not to be a source of contamination.	Auditor observes current practices for compliance with policy.	Operation develops the policy. Retraining is performed and documented. Affected materials are evaluated for potential contamination and disposition.
1.5.4.	Harvested produce shall be stored separately from chemicals which may pose a food safety hazard.	Chemicals, including cleaning and maintenance compounds shall be stored in an area separate from harvested produce.	Auditor observes produce storage area for evidence of compliance.	Operation designates a storage area and practices that reduce risk of contamination. Affected produce is evaluated for potential contamination and disposition.
1.5.5.	If applicable, Operation has a written Allergen Control Program.	The Allergen Control Program lists the allergens in use or storage at the operation specific to country regulations. If applicable, procedures address identification and segregation of allergens during storage and handling as based on a risk assessment conducted by the operation.	Auditor reviews Allergen Control Program and inspects facility for evidence of allergen use and storage.	Operation develops and implements an Allergen Control Program or eliminates allergens from the facility.
1.5.5.	Specifications for all packaging materials that impact on finished product safety and quality shall be provided and comply with prevailing regulations.	The methods and responsibility for developing and approving detailed specifications and labels for all packaging shall be documented. A register of packaging specifications and label approvals shall be maintained and kept current.	Auditor reviews documentation on methods and responsibilities for packaging materials and label approvals.	Operation revises labels and packaging materials to be compliant with prevailing regulations.
1.6.5.8.	Storage			
1.6.1.5.8.1.	Product storage areas and conditions shall be appropriate	Produce storage locations and conditions shall not pose a risk of produce contamination,	Auditor observes storage area for evidence that stored	Operation designates and maintains storage areas to prevent

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	to the commodities stored.	consistent with industry standards or prevailing regulation.	produce is protected from contamination.	contamination of produce.
1-6-2-5.8.2.	Iced produce is handled so as not to serve as a source of contamination.	Protective measures are provided in areas where iced product is stored over food items in order to prevent melting ice from contaminating product below.	Auditor inspects any iced product on premises for compliance.	Operation develops written procedures to handling and storage of iced product. Operational deficiencies are corrected. Retraining is performed and documented. Affected product is evaluated for potential contamination and disposition.
1-6-3-5.8.3.	Non-product storage areas shall be maintained so as not to be a source of product or materials contamination.	Areas designated to store materials, whether indoors or out, shall be clean, well ventilated, and designed to protect materials and produce from contaminants.	Auditor observes storage area for evidence that stored materials are protected from contamination.	Operation designates and maintains storage areas to prevent contamination of non-product materials.
1-6-4-5.8.4.	Materials and packaging materials shall be protected from contaminants.	Materials stored in uncovered areas shall be protected from condensate, sewage, dust, dirt, chemicals, allergens or other contamination. Materials shall be stored off the floor/ground on pallets, slip sheets or stands and covered where applicable.	Auditor observes stored materials for protection from contamination.	Operation develops and implements written procedures for materials storage. Operational deficiencies are corrected. Affected product is evaluated for potential contamination and disposition.
1-6-5-5.8.5.	Adequate space shall be maintained between rows of stored materials to allow cleaning and inspection.	Materials shall be stored away from walls and ceilings. Written procedures shall be followed to guarantee the proper cleaning, inspection and monitoring for pest activity in storage areas.	Auditor reviews the procedures and observes the storage area to determine whether storage practices allow cleaning, inspection and monitoring for pest activities.	Operation develops and implements a written procedure and moves material into compliance.
1-6-6-5.8.6.	All chemicals shall be stored in a secure separate area. All	Chemicals, including cleaning and maintenance compounds and lubricants, when not being used, are stored away from product handling areas and	Auditor observes that chemicals are properly labeled, and storage practices	Operation designates a secure area for storage of chemicals. Unlabeled

	chemicals shall be properly labeled.	in a manner that inhibits unauthorized access. Food-grade and non food-grade lubricants are kept separate from each other.	protect against product contamination.	chemicals are labeled or properly discarded. Retraining is performed and documented.
1.7.5.9.	Waste Material			
1.7.1.5.9.1.	Waste materials and their removal are managed to avoid contamination.	Trash, leaves, trim, culls, waste water and other waste materials are removed from the produce handling areas at a frequency sufficient to avoid becoming a source of produce contamination.	Auditor observes waste control procedures in produce handling areas.	Operation develops a written waste control procedure. Operational deficiencies are corrected. Retraining is performed and documented.
1.7.2.5.9.2.	Trash shall not come in contact with produce.	Trash handling and removal shall not pose a hazard of contamination of produce.	Auditor reviews trash handling procedures for operation and observes trash handling practices for evidence of compliance.	Operation revises procedures. Retraining is performed and documented. Affected product is evaluated for potential contamination and disposition.
1.8-	Outside Grounds			
1.8.1. —	Operation has procedures to prevent pest harborage in any equipment stored near the building.	Equipment stored outside is stored away from the building perimeter. Equipment is not to accumulate near the building. Bone yards are located away from the building. Outside equipment storage areas are included in pest control program.	Auditor observes outside equipment storage areas for evidence of compliance.	Operation includes outside storage areas in pest control program. Equipment is moved to be in compliance.
1.9.5.10.	Glass Control			
1.9.1.5.10.1.	Only essential glass and brittle plastic shall be present in the building.	Light bulbs, fixtures, windows, mirrors, skylights and other glass and brittle plastic in the building or in the product path entering or exiting the building shall be of the safety type, or shall be otherwise protected to prevent breakage. If glass or brittle plastic must be used, there shall be a written glass and brittle plastic control policy, including a glass and brittle plastic register.	Auditor observes glass and brittle plastic use in building, and glass and brittle plastic control policy and glass and brittle plastic register for compliance.	Operation develops a glass and brittle plastic control policy or eliminates all glass and brittle plastic in the building.
1.10.5.11.	Leaks/Lubrication			

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1-10-1-5.11.1.	Equipment lubrication is managed so as not to contaminate food products.	Only food-grade lubricants are used on food processing and packaging equipment, or on any other equipment where incidental food contact may occur, unless the equipment manufacturer specifies only a non-food grade lubricant. Lubricant leaks are fixed or catch pans are installed to prevent product contamination.	Auditor reviews purchase or maintenance records to verify all lubricants used are food grade. Auditor observes lubrication points to verify leaks are controlled.	Operation replaces non-food grade lubricants. Operation fixes lubricant leaks or installs catch pans. Retraining is performed and documented. Affected product is evaluated for potential contamination and disposition
1-11-5.12.	Equipment and Utensil Construction			
1-11-1-5.12.1.	All food contact equipment, tools and utensils are designed and made of materials that are easily cleaned and maintained.	The operation shall develop, implement, and schedule repair, cleaning, sanitizing, storage and handling procedures of all food contact surfaces to reduce and control the potential for contamination. These procedures shall be documented. Product contact tools, utensils and equipment shall be made of materials that can be cleaned and sanitized. Seams between food contact surfaces are smooth and cleanable.	Auditor observes food contact surfaces for design and materials that can be easily cleaned and maintained. Auditor reviews cleaning, sanitizing, storage and handling procedures.	Operation develops and implements procedures. Operation replaces all non-compliant food contact equipment, tools and utensils.
1-11-2-5.12.2.	Equipment is installed in a way that provides access for cleaning.	Cooling, packing and other food contact equipment is installed away from walls and otherwise positioned so as not to inhibit access for proper cleaning.	Auditor observes positioning of all food contact equipment for compliance.	Operation relocates the equipment to be compliant.
1-11-3-5.12.3.	Catwalks above product zones are protected to prevent produce or packaging contamination.	Where workers walk over product contact surfaces, those walkways are solid surface or have catch trays installed, are protected by kick plates, product covers or other barriers.	Auditor observes catwalks over product zones for evidence of protective measures.	Operation retrofits catwalks or product zones to protect against potential contamination. Affected product is evaluated for potential contamination and disposition.
1-12-5.13.	Temporary Repairs			
1-12-1-5.13.1.	Any temporary repairs on food contact surfaces are constructed of food-	Operation has procedures to ensure temporary repairs are compliant with all food safety requirements, and do not create potential sources of chemical, microbiological or physical	Auditor observes temporary repairs, if present, and operation's plans for timely completion.	Operation develops and implements a temporary repair procedure. Operation

	grade material. Operation has a procedure to ensure that permanent repairs are implemented in a timely manner.	contamination. Permanent repairs are implemented as soon as practical; Operation establishes timelines and responsibilities for completion.		immediately fixes any non-compliant temporary repairs. Affected product is evaluated for potential contamination and disposition.
1.13.5.14.	Temperature Control			
1.13.1.5.14.1.	When produce is cooled, it is cooled to temperatures appropriate to the commodity according to current established regulatory or industry standards.	When required for food safety or by industry guidelines, steps are taken to minimize temperature increases and minimize the time between produce receipt and cooling at the operation. The product temperature and equipment control mechanisms are calibrated and monitored at a defined frequency and temperatures are kept appropriate to the commodity. Records are maintained.	Auditor reviews cooling procedures for commodities requiring temperature control, and reviews temperature logs for evidence of compliance.	Operation develops and implements procedures to monitor cooling procedures in compliance with current established regulatory or industry standards.
1.14.5.15.	Pest and Animal Control			
1.14.1.5.15.1.	Operation restricts animals from food handling areas.	Domesticated animals are prohibited from pack house, cooling, and storage facilities unless procedures are in place for their safe presence. Procedures are in place to exclude wild and feral animals to the degree practical and to monitor for and mitigate contamination from animal excreta.	Auditor looks for evidence of animals or animal activity.	Operation develops 7 documents and implements an effective animal control program.
1.14.2.5.15.2.	Operation has procedures to manage pests to the extent appropriate to the operation.	Operation has a written pest control program, performed by a trained pest control operator (or licensed where required by prevailing regulation). The written program includes policies and procedures applicable to that operation, such as storage of outside equipment or other factors dealing with pest harborages, and maps of the location of pest traps outside and inside the operation. Operation maintains a pest control log that includes dates of inspection, inspection reports and steps taken to eliminate any problems. Applications of pesticides (e.g., insecticides, rodenticides) shall be performed in	Auditor reviews pest control program, pest control operator's credentials, and inspects operation for pest activity.	Operation develops, documents and implements an effective pest control program.

		compliance with local, state, and federal pesticide regulations.		
1.14.3-5.15.3.	If used, pest control devices, including rodent traps and electrical flying insect devices, are located so as to not contaminate produce or food handling surfaces.	Only non-toxic traps and pest control devices are used inside the packing house or storage building.	Auditor reviews pest control program and placement of pest control devices.	Operation removes or repositions pest control devices to be compliant.
5.16.	Quarantine or On-hold Materials and Product			
5.16.1.	Non-conforming product and product on hold for food safety are clearly identified and segregated from each other and from other products and packaging materials.	Operation has a written procedure to clearly identify and segregate on-hold, quarantined and rejected materials, to prevent commingling with other products or adulteration of products, production area or packaging materials.	Auditor reviews procedure, reviews logs and observes all currently on-hold, quarantined and rejected materials for compliance with procedure.	Non-compliances are corrected on site. If on-hold, quarantined or rejected materials are not segregated according to procedure, operation shall assess potential for product adulteration. Procedures are developed or revised. Retraining is performed.
2-6.	Transportation (Packinghouse to Customer)			
2-1-6.1.	Temperature Control			
2-1-1-6.1.1.	There is a written policy for transporters and conveyances to maintain a specified temperature(s) during transit.	When refrigerated transport is required for food safety, transporters have written, predetermined temperature ranges for commodities being transported.	Auditor reviews documentation of predetermined temperature ranges.	Operation develops, documents and implements temperature range requirements.
2-1-2-6.1.2.	Prior to loading, the vehicle shall be pre-cooled.	When refrigerated transport is required for food safety, the proper temperature for pre-cooling is appropriate to the type of produce and as specified by documented protocol.	Auditor reviews documented protocol, shipping checklist records, and observes vehicles during loading for compliance.	Operation develops, documents and implements vehicle cooling requirements

2-1.3-6.1.3.	The refrigerated transport vehicles shall have properly maintained and fully functional refrigeration equipment.	When refrigerated transport is required for food safety, operation has a written policy that refrigerated transportation equipment shall be controlled by a thermostatic device as necessary to maintain temperatures in the cargo area for the particular type of produce being transported and as specified by documented protocol.	Auditor reviews written policy and observes refrigerated transport vehicles in use at the time of the audit.	Operation develops, documents and implements a policy. Retraining is performed and documented
2-1.4-6.1.4.	Where required, temperatures of product are taken and recorded prior to or upon loading.	When refrigerated transport is required for food safety, operation has a written procedure for when and how to measure product temperatures prior to or during loading.	Auditor reviews written procedure and observes temperature monitoring procedures during loading.	Operation develops, documents and implements a policy. Retraining is performed and documented.
2-2-6.2.	Equipment Sanitation and Maintenance			
2-2.1-6.2.1.	The operation shall have a policy, written procedures, and a checklist to verify cleanliness and functionality of shipping units (e.g., trailer).	Shipping units shall be clean, functional and free of objectionable odors before loading, in compliance with current industry practices or regulatory requirements for that commodity. Refrigeration units, if used, must be in working order. Procedures include prohibition of prohibit raw animal or animal product transport, or other materials that reasonably may be a source of contamination with biological, chemical (including allergens) or physical hazards, unless appropriate risk mitigation strategies are in place . Shipping units shall be washed between loads if prior transport included materials that reasonably may be a source of contamination. A responsible individual shall sign or initial the completed checklist or inspection report.	Auditor reviews cleaning procedures and inspection records and inspects produce transport vehicles for cleanliness.	Operation develops the policy and written procedures. Retraining is performed and documented. Affected product is evaluated for potential contamination and disposition.
2-2.2-6.2.2.	Loading/unloading procedures and equipment shall minimize damage to and prevent contamination of produce.	Personnel responsible for the loading and unloading of produce shall take steps to minimize the potential of physical damage to produce, which can introduce and/or promote the growth of pathogens. Loading/unloading equipment shall be clean and well maintained and of suitable type to avoid contamination of the produce.	Auditor observes loading/unloading procedures for evidence of practices that result in excessive damage to produce. Auditor observes loading/unloading equipment for suitability and condition.	Operation revises procedures. Retraining is performed and documented. Affected product is evaluated for potential contamination and disposition.

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