



AONGATETE COOLSTORES LTD - 2011 SEASON

PICKING AND PACKING HYGIENE BEST PRACTICE GUIDELINES

The following guidelines have been developed in conjunction with recommendations from ZESPRI International Ltd (ZIL) and adapted to meet the needs of our specific facility and grower supply group. As a post harvest facility Aongatete Coolstores Ltd (ACL) feels a strong obligation to protect our individual growers from any preventable spread of Psa as well as protect our wider kiwifruit growing industry as a whole from the threat that Psa poses. The objective of these Picking and Packing Hygiene Best Practice Guidelines is to provide a thorough framework to work within which will minimise the unnecessary spread of Psa that may be brought about by the process of fruit picking and packing. This is a minimum standard that will be adhered to; ACL welcomes discussion from individual growers if they have their own requirements over and above these minimum standards.

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HARVEST PERSONNEL

These best practice guidelines apply to the harvest team. Members of the harvest team include pickers, supervisors, forklift drivers, tractor drivers, truck drivers, auditors, orchard managers, packhouse representatives and any other Aongatete employees visiting the orchard during harvest.

<i>Risk Item</i>	<i>Risk Minimisation Procedure</i>	<i>Responsibility</i>	<i>Y/N</i>	<i>Comments</i>
Footwear	All harvest team members are to spray footwear with disinfectant solution on arrival and exit from the orchard. Any clearly visible debris should be removed from footwear as much as is practical prior to leaving the orchard (pay particular attention to dirt and plant material).	Picking Supervisor		
Hands	All harvest team members are to clean hands with sanitiser on arrival and exit from the orchard. This process is to have accompanying documentation.	Picking Supervisor		
Hairnets	All Harvest Team members are to have new hairnets at the commencement of picking each orchard which will be provided on site. This does not apply to truck drivers (providing they do not go into the harvest area). Used hairnets are to be discarded by placing in a designated bag prior to leaving the orchard . If wearing a cap, hairnets are to be worn over the top of the cap (not underneath). This process is to have accompanying documentation.	Picking Supervisor		

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<i>Risk Item</i>	<i>Risk Minimisation Procedure</i>	<i>Responsibility</i>	<i>Y/N</i>	<i>Comments</i>
Gloves	All pickers are to have a new or clean pair of gloves at the commencement of picking each orchard. Used gloves are to be discarded by placing in a designated bag prior to leaving the orchard . This process is to have accompanying documentation. Used gloves should be either disposed of (transfer station, incineration or burial) or washed in Napisan.	Picking Supervisor		
Drinking Water	No personal water bottles are to be taken into the harvest area. Aongatete will supply pickers with water.	Picking Supervisor		
Breaks	Breaks are to be taken only in the location designated by the picking supervisor. No breaks or food/drink consumption in the harvest area.	Picking Supervisor		
Vehicles	Personal vehicles are to be parked in the designated area determined by Aongatete (or the orchard owner); in many cases this will be outside of the orchard property. The designated parking area is to be clearly sign posted. As many pickers as practical are to be bussed to the picking destination to minimise vehicle movement in and around orchards.	Picking Supervisor		

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HARVEST EQUIPMENT

All Aongatete trucks used for machinery transport will be equipped with disinfectant solution and a water source.

<i>Risk Item</i>	<i>Risk Minimisation Procedure</i>	<i>Responsibility</i>	<i>Y/N</i>	<i>Comments</i>
Signage	Clear signs must be placed around the orchard to highlight the designated parking area, load out area, where the harvest area (i.e. the orchard canopy) begins and the clean-down area.	Picking Supervisor		
Picking bags	All visible kiwifruit plant material must be removed and bags must be wiped down inside and out (on site) with a disinfectant solution at the finish of picking each orchard (or at the end of the day's picking if returning to the same orchard the following day). This process is to have accompanying documentation.	Picking Supervisor		
Bins	It is preferable that a hardstand is available for bin loading and unloading. If a hardstand is not available use a clear area as far away from the fruiting canopy as practical. No bins are to be placed under the canopy. Stack bins on their runners in the orchard rather than tipped on their sides.	Truck Driver		
Bin trailers	All visible kiwifruit plant material is to be removed and bin trailers must be washed down (high volume, low pressure) and sprayed with disinfectant solution on orchard (in the designated clean-down area) prior to being transported to the next picking destination. This process is to have accompanying documentation.	Tractor Driver		

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Tractors	All visible kiwifruit plant material is to be removed and tractors must be washed down (high volume, low pressure) and sprayed with disinfectant solution on orchard (in the designated clean-down area) prior to being transported to the next picking destination. This process is to have accompanying documentation.	Tractor Driver		
Forklifts	Forklifts are to be confined to the load-out area only. All visible kiwifruit plant material is to be removed and forklifts washed down (high volume, low pressure) and sprayed with disinfectant solution on orchard (in the designated clean down area) prior to being transported to the next picking destination. This process is to have accompanying documentation.	Forklift Driver		
Trucks (machinery transport)	Trucks are to be confined to the load out area only. Tyres must be sprayed down with disinfectant solution in the load-out area prior to leaving for the next drop off destination. These trucks will be equipped with disinfectant solution and a water source for the cleaning of bin trailers, tractors and forklifts.	Truck Driver		

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Trucks (bin and fruit transport)	Trucks are to be confined to the load out area only. Tyres must be sprayed down with disinfectant solution in the load-out area prior to departing.	Truck Driver		
Loadout Area	The load-out area is to be kept tidy and free of kiwifruit debris that has fallen off bins and picking machinery. Any debris collected or moved is to remain on that property.	Forklift Driver		

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POST-HARVEST

<i>Risk Item</i>	<i>Risk Minimisation Procedure</i>	<i>Responsibility</i>	<i>Y/N</i>	<i>Comments</i>
Bins (tipped)	All visible kiwifruit plant material must be removed from inside bins by vacuuming, sprayed with disinfectant solution and the runners must be washed down prior to being re-used for picking.	Bin Cleaner		
Bin liners	Bins liners from long-haul bins and Gold orchards are to have all visible kiwifruit plant material removed and must be sanitised with an approved disinfectant solution.	Bin Cleaner		
Trucks (bin/fruit transport)	Trucks carrying fruit are to have decks swept clear of all visible kiwifruit plant material after full bins are unloaded. The tyres and deck must be sprayed with disinfectant solution prior to leaving for the next pick-up/drop off destination.	Truck Driver		
Packhouse Plant Material Disposal	Packhouse debris that may contain plant material (leaves, kiwifruit, kiwifruit hairs, fruit stalks etc) is to be collected and placed in secure designated bins. This debris is to be disposed of in a safe manner (burial, sent to a transfer station or incineration) that minimises the chances of it contaminating surrounding orchard environments.	Cleaner		

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Dust Extraction	Minimise the expulsion of excess plant material laden-aerosols from the packhouse into the surrounding environment by ensuring that dust extraction system has effective filters and is well maintained and working to its full capacity. Debris collected from the dust extraction system needs to be disposed of in a safe manner (burial, sent to a transfer station or incineration) that minimises the chances of it contaminating surrounding orchard environments.	Cleaner		
Reject kiwifruit	Send as much reject fruit to process as possible. No reject fruit is to be given or sold to non-prearranged individuals as stock feed or compost (reject fruit may be given or sold only for human consumption). Have as much reject fruit as possible carted out of the BOP region (preferably 16km away from any kiwifruit orchards) for stock feed. This is to be done only by an appropriate entity nominated by ACL.	Packhouse Manager		

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AUDITING

Aongatete Coolstores Ltd shall implement a harvest audit to ensure that the Picking and Packing Best Practice Guidelines have been met. Appropriate action will be taken (and documented) to minimise the risk of the transfer of Psa where there are any breaches of the specifications.

PICKING AND PACKING TE PUKE/PAENGAROA/MAKETU ORCHARDS

All existing ACL policies apply but in addition to these, the following guidelines are to be adhered to:

<i>Risk Item</i>	<i>Risk Minimisation Procedure</i>	<i>Responsibility</i>	<i>Y/N</i>	<i>Comments</i>
Picking Contractor	Use an independent contractor based in the Te Puke region for picking who can supply all picking equipment (picking bags, tractors, bin-trailers, forklifts and labour).	Harvest Co-ordinator and Grower Services Representative		
Supervisor	An Aongatete picking supervisor and picking auditor should be supplied.	Picking Supervisor Internal Auditor		
Freight	Contract an independent trucking company to do all freight in and out of these regions ensuring that no ACL trucks are moving through the area. Full harvest bins must be transported fully covered with a tarpaulin (at or below the truck deck) or transported in a Tautliner.	Harvest Co-ordinator		
Bins	Temporarily remove from inventory to be washed down thoroughly and disinfected before returning to other orchards for picking. If it practical to do so these bins should not be used again in the 2011 harvest season.	Packhouse Manager		

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PICKING AND PACKING ORCHARDS OUT OF THE BOP REGION (AUCKLAND, HAWKES BAY, OPOTIKI, WAIKATO)

All existing ACL policies apply but in addition to these, the following guidelines are to be adhered to:

<i>Risk Item</i>	<i>Risk Minimisation Procedure</i>	<i>Responsibility</i>	<i>Y/N</i>	<i>Comments</i>
Bins	These orchards are to receive either first use bins (bins that have not carried fruit in the 2011 season), new bins for harvest, or bins that have not been used in Bay of Plenty harvests in the 2011 season. Bins may be recycled to the same location after following decontamination protocols and being separately stored prior to dispatch.	Harvest Co-ordinator		
Freight	Contract an independent trucking company to do all freight in and out of these regions using tautline trucks. Trucks leaving the site with bins will be treated as per the protocols for trucks (bin/freight transport) under postharvest in these guidelines.	Harvest Co-ordinator		

PICKING AND PACKING PSA-V (ITALIAN-LIKE ISOLATE) POSITIVE ORCHARDS

<i>Risk Item</i>	<i>Risk Minimisation Procedure</i>	<i>Responsibility</i>	<i>Y/N</i>	<i>Comments</i>
Psa-V Positive Orchards	Aongatete Coolstores Ltd will endeavour not to pack any fruit from Psa-V positive orchards in the 2011 harvest season. In the event that an Aongatete supplier has a Psa-V positive isolate test before harvest, ACL will liaise with the wider industry and the orchard owner to attempt to arrange packing at a postharvest facility within the priority zone area in the 2011 season.	Harvest Co-ordinator		

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