**OBJECTIVE**

Prevention of chemical contamination during the pre-harvest and post-harvest.

**PREVENTIVE MEASURES**

* Chemicals are handled in such a way as to ensure that the product has not been exposed to banned pesticides and does not contain pesticide residue that exceeds the legal tolerances.
* Only workers who are properly trained to use the chemicals handle them and documents are maintained to show their training in case of an audit (DOC-CHEM-1.11.3).
* Chemicals are used using the safety equipment necessary for their application and preparation.
* Each application is recorded in the register of pre-harvest and post-harvest chemicals form (REG-PREPOSCHEM-1.11.1).
* The workers apply the chemicals in accordance with the manufacturer's specifications.
* Each chemical has its own material safety data sheet (SDS) and they are available so that all employees can review them.
* There is a chemicals warehouse and all chemicals are labeled and identified.
* The warehouse is always locked and only authorized personnel have access to it.
* The chemicals warehouse is clean, orderly and dry.
* There is an inventory of all the chemicals in the warehouse.
* Rounds are made to avoid the presence of pesticides coming from adjacent fields, contamination by improperly cleaned tanks and application of any product that is not allowed.
* If there is surplus formulation, it should be sprayed on roads far away from the areas of application in a uniform, moderate manner, allowing it to dry in contact with the ground. The surplus formulation is never sprayed as a surplus on the mango crops. Nor should they be emptied into the drains or water sources.
* Empty chemical containers are rinsed using triple washing, are punctured to prevent reuse and are placed in a special receptacle for chemical containers.
* When a mixture is prepared for the application of chemicals the water used comes from reliable and controlled sources (POE-CONTROWAT- 2.2.3).
* If it is known during post-harvest handling that the product is intended for export, the use of chemicals takes into consideration the admission requirements of maximum residue limits (MRLS) of the country(ies) where the product will be marketed.