

Annexes

Table 1. SIPOC diagram of sampling.

S	I	P	O	C
Determine the acceptable quality level (AQL).				
Quality coordinator	AQL	Note: AQL is determined by: management, quality department and supplier agreements.	AQL	Receiving Operator
Quality coordinator	Choose inspection level (Level I, II, III or special)			
	Inspection Level	Note: At the start of sampling, the inspection level is II, unless another level is indicated	Inspection Levels	Receiving Operator
Quality coordinator	Products to be received	Determine lot size	Products received	Receiving Operator
Supplier				
Quality coordinator	Products to be sampled	Go to the code table and find the inspection letter according to the level selected	Inspection letter	Receiving Operator
Quality coordinator	Products to be sampled	Set type of inspection (Normal, Severe or Reduced)	Type of inspection	Receiving Operator
Quality coordinator	Products to be sampled	Determine sample size and acceptance number according to the type of inspection	Quantity of products to be sampled	Receiving Operator
Operario de recepción	Products to be sampled	Select batch sample	Products sampled	Receiving Operator
Quality coordinator	Products to be evaluated	Evaluate the criteria according to the technical standards of the product.	Evaluated products	Receiving Operator
	Technical standards of the product			

	Quality control procedure for vegetables and legumes	Note: Perform quality control procedure		
Quality coordinator	Products evaluated	Accept or reject lot according to number of defective products	Accepted or rejected products	Receiving Operator
	Technical quality standards			
Receiving Operator	Accepted and rejected products	Keep a batch acceptance and rejection record	Product acceptance/rejection record	Storage of merchandise

Table 2. SOP Summary.

Type	Description
Procedure	Reception of vegetables and legumes
	Acceptance sampling of bulk vegetables and legumes
	Acceptance sampling of vegetables and legumes in pieces
	Quality control of vegetables and legumes
	Control and calibration of scales
Instructions	Reception of vegetables and legumes
	Acceptance sampling of bulk vegetables and legumes
	Acceptance sampling of vegetables and legumes in units
	Sorting of sampled products
	Product handling
Records	Transport GMP's
	Product reception logbook
	Sampling
	Quality control
	Batch acceptance and rejection
	Follow-up of quality failures by the supplier
	Goods issue and return of goods
	Scale calibration and control
	Quality control analysis
	Of labels and sampled lots
Schedule	Calibration of digital scales
	Calibration of industrial scales
Reports	Non-compliance with transport GMPs
	Quality failures

Tabla 3. Socialization cost analysis.

Description of activity	Time (h)	Cost per meeting	Number of meetings	Number of participants	Total cost
Presentation of the proposal	2	\$34,18	6	2	\$410,20
Meeting with management	3	\$76,60	4	1	\$306,40
Proposal approval / denial	1	\$25,53	1	1	\$25,53
Quality analyst training	2	\$10,55	6	3	\$189,84
Operator training	2	\$7,17	10	12	\$860,40
Total					\$1382,17