



MINISTRY OF AGRICULTURE, ANIMAL INDUSTRY AND FISHERIES

PHYTOSANITARY INSPECTION AND QUARANTINE SERVICES

PLANT HEALTH AND HYGIENE AUDIT CHECKLIST FOR SYSTEMS AT PLACES OF PRODUCTION OF PLANTS INTENDED FOR EXPORT.

	Farmer's Particulars	Name /number		Comment	Comment
	Date of Audit				
	Plants under cultivation				
A	FARM LOCATION				
1	District				
2	Sub county				
3	Parish and Village				
4	Farm(er) Name				
5	Telephone contact				
6	Identification number (Indicate type in comments)				
7	Email address				
8	GPS Coordinates (2 points)				
9	Total area of field (Acres): Measured by an APP				
	Or atleast 6 GPS coordinates covering field				
B	PARTICULAR REQUIREMENTS	YES	NO	Status	
1	Does the farmer have a contract/agreement/M.O.U with the exporter			Critical	
2	Is the farm (er) registered with the District?			Critical	
3	Is farmer registered with the MAAIF?				
4	Is farmer ;				
	i. an exporter			Minor	
	ii. Out grower			Minor	
	iii. Or Both			Minor	
	Is the farm(er) linked to an exporter?			Critical	



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D		FARM STATUS		
1	Is the crop of :			
	i. high risk?			Minor
	ii. Medium risk?			Minor
	iii. Low risk?			Minor
2	Previous crop cultivated			
	1. Fallow			Minor
	2. Different Family			Minor
	3. Same Family			Major
3	Is the farm Open system?			Minor
	Protected system?			Minor
4	Is the neighboring crop a host of quarantine pests			Minor
5	Does the farm have pest buffers/barriers			Minor
6	When was the last audit?			
7	Does the farmer have any other production units?			Minor
8	At what stage of production are the crops			
	i. Vegetative			
	ii. Fruiting and Flowering			
	iii. Senescence			
10	Is the farm under mixed cropping system			
	i. of non hosts			
	ii. Host			
	iii. Mono cropping system			
11	If under mixed; please state the crops			
12	Does the farmer have awareness knowledge/understanding of Cropping Cycles as programmed by exporter?			Critical



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E		FARMER PRACTICES FOR COMPLIANCE			
1	Is there evidence of farmer training				
	i. Seed selection				
	ii. Nursery preparation and Management				
	iii. Field setting and preparation				
	iv. Transplanting				
	v. Crop protection methods e.g IPMs				
	vi. Pest Identification and detection				
	vii. Good Harvesting Practices				
	viii. Good Handling Practices				
	ix. Use of Pest traps				
	x. Any other Agronomic practices				
2	What is the name of the source of planting material?				
	What planting material were used?				
	i. Seedlings			Minor	
	ii. Certified seed			Minor	
	iii. Farmer saved seed			Minor	
3	Is there a record on the Planting/transplanting dates?			Critical	
4	Is the farm well demarcated to indicate various sections for ease of scouting & other controls?			Critical	
5	Does the farmer have any reference materials to aid in pest and disease detection/scouting			Critical	
6	Can the farmer demonstrate how scouting is done on the farm?			Critical	
7	Are scouting records Capturing all relevant and adequate data (e.g as recommended by MAAIF)			Critical	
8	Are there pegs to identify/show where pests were observed			Major	



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9	Is the scouting record consistent with age of the crop			Major	
10	Does the field management and spray record fully tally/match with observations made after scouting?			Critical	
11	Can the farmer demonstrate how to detect and manage (make note in comments section)			Detection	Management
	i. False codling moth			Critical	
	ii. Fruit fly			Critical	
	iii. Caterpillars of Boll worms etc			Critical	
	iv. Aphids			Critical	
	v. Mites			Critical	
	vi. Thrips			Critical	
	vii. Mottling due to viral Infection			Critical	
	viii. Leaf minors			Critical	
	ix. Weeds			Critical	
12	Is pruning being done on the farm. (Indicate if Not Applicable)			Critical	
F		RECORDS AT THE FARM			
1	Is there evidence that the farmer has been inspected/checked by company agronomist (at least once a week) Agronomist should register at subcounty and with Farmer whenever they go to the field			Critical	
2	Is there evidence of the following files:				
	a) scouting file?			Critical	
	b) Spray records or field management?			Critical	
	c) Harvest file validated by district agricultural officers/extension staff (IF HARVESTING)			Critical	
5	Is there evidence that the district agricultural officers/extension staff checked the farm (to evaluate agronomic practices)?			Critical	



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6	Is there evidence (field report) of MAAIF phytosanitary inspection (due to pest cycle, these reports shall be on a monthly basis)?			Critical (especially for previously audited farms)
7	Were the recommendations made in the above report implemented?			Critical (especially for previously audited farms)
8	Is there evidence of records of rejected or non-exportable produce?			
	a) From Harvested Produce at Farm level			Critical
	b) From Packing House (From Date of First Supply)			Critical
9	What is the incidence of pests on the Farm? (use annex 1)			
10	What is the incidence of pests in the vicinity/boundary of the Farm? (use Annex 1)			
11	Is there a regional/area chemical applicator (specialized personnel to spray)?			Minor
12	Is there evidence that the chemical applicator is trained by MAAIF/accredited entity?			Minor
13	If present; does he/she understand the concept of spot spraying			Minor
15	Does the farmer keep records of chemicals used at the farm? (for instance, in form of receipts from authorized dealers)			Critical
REQUIRED TESTS				
1	Is there evidence of viral/microbial analyses conducted at least quarterly for product under cultivation? Note: Information on this must be available during application for inspection			Minor
2	Are the viral/microbial analyses (tests) conducted by government facility/accredited facility? Note: Information on this must be available during application for inspection			Minor
3	Do the results of viral/microbial analyses guarantee continued cultivation of the crop? Note: Information on this must be available during application for inspection			Minor



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4	Is there evidence of chemical analyses conducted at least quarterly for product under cultivation? Note: Information on this must be available during application for inspection			Major	
5	Are the chemical analysis (test) conducted by government facility/recognized facility? Note: Information on this must be available during application for inspection			Major	
6	Are the results of chemical analyses (test) within acceptable ranges by importing country? Note: Information on this must be available during application for inspection			Major	
FACILITIES AND EQUIPMENT AT THE FARM					
1	Does the farmer/chemical applicator have Personal Protective Equipment?			Critical	
2	Does the farmer have Crates/ perforated plastic baskets for Harvesting?			Critical	
3	Presence and Number of pest traps for:				
	a. False codling moth			Critical	
	b. Fruit flies			Critical	
	c. Thrips			Critical	
	d. Any other pest traps			Minor	
4	Does the farmer understand how to use and read/make deductions from Trap observations?			Critical	
5	Is the Agro chemical storage area separated from the household?			Critical	
6	Is there evidence of a Potable water source?			Critical	
POST HARVEST HANDLING/MANAGEMENT					
1	Do Harvested volumes equal to volume supplied? Indicate potential harvest (exportable volumes) from the field in comment section			Major	
2	Does the farm have facilities to handle harvested produce at the farm? (there should be a raised clean platform (a meter from the ground) at the			Critical	



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	minimum)				
3	Is there evidence of use of a truck to transport produce to the packing facility? (A log in/form would be useful)			Critical	
4	Is there evidence of a washroom at the place of production?			Critical	
5	Does the farm (er) have a procedure for handling rejected produce?			Major	
6	Is rejected produce disposed in such a way that limits the risk of re-introduction of Pests to the crop			Critical	
	Any other observations				

*****The company/ association should first evaluate farmers using the checklist before applying for inspection. Also, a copy of this evaluation shall be attached to the application.**

*****Due to pest pressure and cycle, a crop of pepper/garden eggs/ revaya /passion fruits/karalla and any other deemed as high risk by NPPO shall be Field audited at least monthly.**

***** Reference: ISPM 10 Requirements for the establishment of pest free places of production and pest free production sites**

NOTE:

1. One critical & two major non compliances will result in disapproval of Farm
2. Two major non compliances will result in a revisit (if undertaking given to comply is within one week) otherwise will result in disapproval of the farm.
3. For one major noncompliance - decision will be taken on the basis of nature of noncompliance by audit team.
4. Non conformity of minor nature will be closed after verifying the facts by telephone/ by photographic evidence.



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AUDITORS

Name

Signatures

Date

Farmer and Export Company:

Name

Signatures

Date

MAAIF NPPO Deduction and Signature

Deduction (*With reference to Deductions form for update on website*)

Name

Signatures

Date



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Annex 1

FIELD PEST DATA COLLECTION FORM (ATTACHED TO CHECKLIST)

Weather condition			Temp;	Humidity;		Wind;									
Pest Numbers	SPE	SPL	SPM	HEE	HEL	HEM	FCE	FCL	THR	WF	LM	other	other	other	other
Pest Incidence															

E-Egg; L-Larvae; M-Moth

SP -Spodoptera spp; HE – Helicoverpa armigera; FC – False codling ; THR – Thrips; WF – Whiteflies ; LM – Leaf minor

Pest Incidence - Proportion or number of units in a sample, consignment, field or other defined population that is affected by a pest (ISPM 5) or Number of plants affected divided by total number of plants in a field/garden; One can, for example, determine the proportion of diseased **plants** per field or the proportion of diseased leaves per **plant** as representations of **incidence**.