



United States Department of Agriculture

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Marketing  
Service

Federal Grain Inspection  
Service

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TO: FGIS POLICY BULLETIN BOARD

FROM: Anthony Goodman, Director  
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SUBJECT: Phytosanitary Requirements for Packaged U.S. Rice to  
China

ORIGINATING OFFICE: Policies, Procedures, and Market Analysis Branch

## 1. PURPOSE

This memorandum establishes phytosanitary inspection instructions for official personnel (Federal Grain Inspection Service (FGIS) and Official Agency personnel) for packaged milled rice and brown rice for processing shipped to the People's Republic of China.

## 2. BACKGROUND

The Protocol of Phytosanitary Requirements for U.S. Rice Exported to China Between the United States Department of Agriculture (USDA) and The General Administration of Customs of the People's Republic of China (GACC) is an agreement on phytosanitary requirements for packaged rice exported to China from approved U.S. rice mills and warehouses. It was designed to protect plant health, prevent quarantine pest from introduction, and safely export rice from the United States to the People's Republic of China.

An Operational Work Plan (OWP) has been crafted by USDA's Animal and Plant Health Inspection Service (APHIS) to ensure that U.S. milled rice from approved mills and warehouses exported to China complies with China's requirements outlined in the protocol. Within the OWP, several key official personnel responsibilities are identified. They include reviewing trapping records, phytosanitary inspection, stowage exam, witness fumigation, and completing the FGIS 921-2 with the appropriate statement.

Consistent with other phytosanitary services, the applicant for service must request these special procedures for packaged rice destined for China.

### 3. POLICY

In order to comply with the phytosanitary protocol agreed upon by People's Republic of China and USDA, the following procedures are required for all packaged milled rice shipped to the People's Republic of China.

### 4. PROCEDURES

a. Prior to phytosanitary inspection, official personnel must:

- (1) Contact their supervising FGIS field office for confirmation that the applicant for service is sourcing packaged rice from mills approved by GACC for export to China. Ensure the name and address of the mill is listed on the package label.

**Note: If label does not contain the mill name and address, contact the local APHIS PPQ office and discontinue further inspection procedures until rectified.**

- (2) The loading facility is required to set and maintain insect traps. Official personnel must review the insect trapping records from mill(s) and warehouse(s) going back a minimum of 30 days. The warehouse will need to provide trapping records from supplying mills. Check the trapping record and see if any of the insects below are listed on the log within this timeframe. See Attachment 1 for insect images and Attachment 2 for example of trapping record.

- *Pharaxonotha kirschi* (Mexican grain beetle)
- *Tribolium audax* (American black flour beetle)
- *Trogoderma anthrenoides* (Hawaiian cabinet beetle)
- *Trogoderma versicolor* (European larger carpet beetle)
- *Trogoderma sternale*
- *Trogoderma granarium* (Khapra beetle)

The insects may be referenced as a number on the trap log. For example, *Pharaxonotha kirschi* may be identified as a number '1' and *Tribolium audax* as a number '2', and so on. If you have trouble reading the log ask the location manager for assistance.

**Note: If none of the 6 insects listed above are logged, place the following statement in the "remarks" section of the 921-2:**

***"The trapping records indicated that none of the 6 quarantine pests of concern to China were logged."***

**Note:** If any of these 6 insects are logged, it should be noted in the remarks section of the 921-2, however do not issue the 921-2. Withhold inspection services to China at the facility and contact FGIS Policies, Procedures, and Market Analysis Branch (PPMAB) at (202)720-0228 or at [FGISPoliciesProceduresMarketAnalysisBranch@ams.usda.gov](mailto:FGISPoliciesProceduresMarketAnalysisBranch@ams.usda.gov).

**Note:** Facilities are to monitor traps weekly and supply the traps with new baits and lures every 60 days. The trapping record should reflect this. If this is in question or if the placement or condition of trap is in question, contact the local APHIS PPQ office.

- (3) Conduct an official stowage examination in accordance with FGIS Directive 9180.48, Stowage Examination Services. Issue an Official Stowage Examination Certificate upon request.

b. During Phytosanitary Inspection, official personnel must:

Perform a phytosanitary inspection in accordance with FGIS Directive 9180.35, Phytosanitary Inspection.

**Note:** If an insect cannot be identified, contact the local APHIS Export Certification Specialist (ECS) for assistance. The ECS may refer official personnel to an authorized local university or another APHIS office. Official personnel may obtain the local ECS contact information at this APHIS website:

[https://www.aphis.usda.gov/aphis/ourfocus/planthealth/sa\\_export/export\\_services\\_program](https://www.aphis.usda.gov/aphis/ourfocus/planthealth/sa_export/export_services_program). Select the State in the drop down menu in the middle of the page.

c. After Phytosanitary Inspection, official personnel must:

- (1) Be physically present at the time of application of fumigation. The fumigation schedule in Table 1 must be followed.

**TABLE 1  
PHOSPHINE FUMIGATION SCHEDULE**

Commodity Temperature (°C)	Commodity Temperature (°F)	Dose (g/m <sup>3</sup> )	Exposure Duration
10 to <20	50 to <68	2.3	120 hrs. / 5 days
≥ 20	≥68	2.3	72 hrs. / 3 days

**Note: The licensed fumigator must comply with the instructions within the EPA registered label.**

- (2) Complete the FGIS 921-2, Insects in Grain Report. Include all treatment details provided by the fumigator and follow the guidance above on what is required in the remarks section.

**Note: Transloading (transferring product from one conveyance to the final export conveyance) is permitted only at sites designated by APHIS (i.e. visited and approved by APHIS).**

## **5. FILING INSTRUCTIONS**

File a copy of this memo with the FGIS Directive 9180.35, Phytosanitary Inspection. Field office managers must ensure that a copy of this memorandum is provided to official agencies operating within their circuit.

## **6. QUESTIONS**

Direct any questions regarding this procedure to the local field office or to Policies, Procedures, and Market Analysis Branch (PPMAB), (202) 720-0228.

Attachments



MONTH: \_\_\_\_\_

TRAP SERVICING RECORD  
U.S. - CHINA MILLED RICE PROTOCOL

YEAR: \_\_\_\_\_

FACILITY NAME:		ADDRESS:												CONTACT INFO:																		
INITIAL PLACEMENT DATE:		LOCATION: (ex. packing line x, warehouse y)												# OF TRAPS:																		
TRAP NO.	DAYS OF THE MONTH																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
1	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P
2	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P
3	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P
4	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P
5	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P
6	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P
7	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P
8	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P
9	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P
10	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P	B	P

**INSTRUCTIONS:** Facility name should match with Operational Work Plan Annex 5. Approved Facilities List. Put the number and ID # of pests found in the trap under the appropriate day of the month. If you change the trap bait, put a "X" in the "B" box on the date you made the change. If you change the pheromones, put an "X" in the "P" box on the date you made the change.

TRAPS ARE TO BE SERVICED WEEKLY (EVERY 7 DAYS ± 1 DAY). BAITS AND LURES ARE TO BE REPLACED AT LEAST EVERY 60 DAYS.

**TRAP DENSITY:** Traps are to be placed every 10 meters along walls and in other areas with cracks or small dark places.

**NOTE:** TRAP SERVICING RECORDS ARE TO BE SUBMITTED TO APHIS AND APHIS COOPERATORS UPON REQUEST AND SHOULD BE ARCHIVED FOR 2 YEARS. COMPLETED RECORDS FOR AT LEAST THE MOST RECENT 30 DAYS MUST BE PROVIDED TO THE OFFICIAL EXPORT GRAIN INSPECTOR PRIOR TO EXPORT GRAIN INSPECTION.

**SPECIES ID #:** 1. *Pharaxonotha kirschi* (Mexican grain beetle); 2. *Tribolium audax* (American black flour beetle); 3. *Trogoderma anthrenoides* (Hawaiian cabinet beetle); 4. *Trogoderma versicolor* (European larger carpet beetle); 5. *Trogoderma sternale*; and 6. *Trogoderma granarium* (Khapra beetle).