

Summary of Standards for Orchard Compliance to the China, Korea and Thailand Export Program

January 2008 (v2)

- The registered crop monitors will inspect fruit and leaves for any signs of the China & Korea quarantine pests and diseases of freedom and controlled pests. A detection of pests or diseases of freedom will exclude the orchard from registration for the country of concern. A detection of a China controlled pest will require further attention. See table for list of pests of concern and important practices for the relevant countries.
- If Fullers Rose Weevil eggs, larvae or adults are found, then for the rest of the season all fruit from this orchard must be fumigated prior to export to China.
- Trees are to be skirted and weeds controlled. As a guideline if more than one in twenty trees have foliage in contact with the ground or with weeds, the orchard is suspended for the 2006 Korean, Thailand and/or China export program. (QLD exempt due to negligible FRW levels). It is also recommended that trees/blocks directly adjacent to the orchard to have good weed control and skirting (hygiene) practices. Hygiene practices and pest management in directly adjacent blocks will not immediately exclude an orchard but may require further action.
- If a China quarantine integrated insect pest & disease management (IPM) program has not been established then the orchard is excluded for registration for China. The China quarantine IPM program has been defined as monthly monitoring and control from flowering to harvest (from January for 2008). The monitoring record sheet must list the names of all the pest & diseases of freedom and controlled to demonstrate that these pests are targeted for monitoring. This list can be stapled to the monitoring sheet. The monitoring record must have a tick box on the master sheet to indicate that all the China quarantine freedom & controlled pest & diseases were monitored and either: not detected, or detected and pests listed in "comments" or "other pests" column. The grower must record any corrective action taken if pest detected (i.e. spray diary, beneficial insect release, within thresholds-natural enemies present). A sample IPM monitoring sheet and IPM monitoring guide is available (China Export Quarantine IPM Guide). Growers can alternatively contract a pest scout to conduct a suitable IPM program.
- If the orchard is found suitable for registration, fruit is still subject to a packing shed inspection and a end point export inspection by AQIS.

Table 1 : Important Quarantine Pests and Practices for the Asian Export Program

January 2006 (V1)

Pest or Practice	Scientific Name	China	Korea	Thailand
Skirting & weed control (1 in 20 trees) (Qld exempt due to negligible FRW)		✓	✓	✓
China Quarantine IPM Program		✓		
Fuller's rose weevil	<i>Asynonychus cervinus</i>	F		
Light brown apple moth	<i>Epiphyas postvittana</i>	✓		
Blastobasid fruit borer	<i>Blastobasis spp</i>	✓		
Sorghum head caterpillar	<i>Cryptoblabes adoceta</i>	✓		
Orange fruit borer	<i>Isotenes miserana</i>	✓		
Phytophthora fruit/leaf/Brown Rot	<i>Phytophthora spp*</i>	✓	✓	
Septoria spot	<i>Septoria citri</i>	✓	✓	
Greasy Spot	<i>Mycosphaerella citri</i>		✓	
Northern Territory fruit fly	<i>Bactrocera aquilonis</i>	△		
Jarvis' fruit fly	<i>Bactrocera jarvisi</i>	△		
Lesser Queensland fruit fly	<i>Bactrocera neohumeralis</i>	△		
Queensland fruit fly	<i>Bactrocera tryoni</i>	△		
Bunch/Flat mite	<i>Brevipalpus californicus</i>	△		
Mediterranean fruit fly	<i>Ceratitis capitata</i>	△		
Island fruit fly	<i>Dirioxa pornia</i>	△		
Black thread scale	<i>Ischnaspis longirostris</i>	△		
Golden mealy bug	<i>Nipaecoccus aurilanatus</i>	△		
Pacific mealy bug	<i>Planococcus minor</i>	△		

* various species of Phytophthora, see work plan for more details on specific species

✓ = Suspend : Upon official inspection it must be established that orchards are free of these pests.

△ = initiate action : Upon official inspection any detection of pest will require further action (i.e. control spray)

F = fumigation : Upon official inspection any detection results in all fruit requiring fumigation before export

AQIS must be notified immediately of any detections of Mediterranean fruit fly.