



Section 5: Appendix E – Checklists

Project Truck Equipment Checklist	Field File Box Checklist
Cell Phone, Pager	Carbon Paper
Flashlight	Graph Paper
Large and Small Poly Bags	Notebook Paper
First Aid Kit	Ruler
Fire Extinguisher	Compass
Plastic Disposable Shoe Covers	Pencils, Pens (blue ink), Highlighters
Disposable Coveralls	Compliance Agreements (with Exhibits)
Latex Gloves	Fruit Fly Host List
Clean Wipes	Quarantine Boundary Map
Paper Towels	Quarantine General Information Document
Glass/Plastic Vials and Collection Tray	Treatment Schedule
Alcohol (Spray Bottle and Storage Bottle)	Grower Information Document
Water (1 gallon Container)	Checklist for each Type of Regulated Establishment
Fruit Cutting Knife	Pesticide Calculation Sheet
pH Meter and Beaker	Spray Interval Schedule
Host/Non-Host Material ID Charts/Booklet	Copies of Relevant SLNs and Section 18's
Wind Gauge	Pesticide Source List (Local Suppliers)
Hand Lens	List of Phone Numbers/Addresses for Local Hospitals
Paperwork Field File Box (separate list for contents)	List of Phone Numbers/Addresses for Local Law Enforcement
Dye Cards (size 18" X 24")	Project Contact Numbers (County, State and Federal)
Thomas Brothers Maps/Guidebook for area	
Eye Goggles	
Respirator/Mask	
Compass (Grove Mapping Aid)	
Clipboard	
GPS Unit	



Risk Assessment Concepts

The information below is offered to assist you in understanding the process by which relative FFHM pest risk is determined, by presenting the factors that lead to the imposition of a quarantine. **It is for instructional purposes only, and not intended for field use.**

For each pair of responses below



the one that best describes the situation you are currently investigating –

IS THE ESTABLISHMENT:

Q- Within 1/2 mile of a Fly Find Core Area? Yes or No

Q- 2 to 3 miles from the Quarantine Boundary? Yes or No

Q- One that potentially has/sells Homegrown FFHM? Yes or No

Q- In a Residential (R) or Commercial (C) Area? R or C

Q- A Wholesale (W) or Retail (R) Business? W or R

Q- Doing Business during Time Period from June through November? Yes or No

Scoring:

The greater the number of “Yes” answers you get for the questions on the left, the greater the likelihood that a particular establishment you are evaluating presents some **potential**, if not actual, risk of spreading a fruit fly infestation.

For a more statistical method of risk assessment, regulatory biologists will multiply the numerical values they’ve developed for each of the four probabilities described below, and arrive at an overall calculated risk assessment of infested FFHM leaving the quarantine area:

Probability that an adult fly with eggs is in the area	X	Probability of FFHM being exposed to this fly	X	Probability of fly infesting this FFHM	X	Probability of FFHM leaving this area	=	OVERALL RISK (based on maximum of 100%)
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Comments:



NURSERY INSPECTION CHECKLIST	
NURSERY NAME: _____ DATE: _____	
NURSERY ADDRESS: _____	
PROJECT INSPECTOR(S): _____	
Circle Yes or No	
A Compliance Agreement has been issued and understood?	Yes or No
Nursery grounds have been walked and checked for susceptible host material?	Yes or No
Nursery grounds have been mapped?	Yes or No
Have all drip lines been cleared of nursery stock?	Yes or No
Verify count and proper flagging and tagging of any (host material) nursery stock on temporary hold?	Yes or No
Verify count and proper flagging and tagging of any (host material) nursery stock on permanent hold?	Yes or No
Do nursery grounds require soil drench treatment?	Yes or No
Has contact person in charge been informed about host material nursery stock that <u>requires fruit stripping</u> ?	Yes or No
Is any previously stripped host material ready for pick up and disposal?	Yes or No
Has any new, susceptible (host material) nursery stock arrived?	Yes or No
If answer to preceding question is yes, does nursery have receipts showing date of arrival?	Yes or No
Additional Comments: 	

*** [protocol is, if (host material) nursery stock has been on property for 24 hours or less, host material only needs to be stripped. If more than 24 hours has passed, nursery stock needs to be placed on hold for a soil drench and susceptible host material stripped from nursery stock.]**



Supervisor's Checklist	
Inspection Date:	
Inspector's Name:	
Grower's Name:	Appointment Time:
Treatment Site Address:	
Did the Inspector arrive prior to treatment schedule time?	
Was the Inspector neat and presentable?	
Was the paperwork accurate and legible?	
Did the Inspector supervise mixing of chemicals?	
Was it necessary to update chemical amounts?	
If necessary, were the chemical amounts updated?	
Has the grove been inspected today?	
Interior/Exterior?	
If Grower/Grove Manager is available:	
Are the Inspectors punctual?	
Are the Inspectors courteous and helpful?	
Do you have any comments or concerns at this time?	



Cooperative _____ Fruit Fly Project _____ Rd./Ave./Blvd. _____, CA _____	
Checklist for Packing Houses: Clearing Fruit Grown <i>within</i> a Quarantine Area and <i>outside</i> a Quarantine Area	
Date: _____ / _____ / 200__ Inspector(s): _____	
Name of Packing House: _____	Location of Packing House: Inside <input type="checkbox"/> Outside <input type="checkbox"/>
Street Address: _____ _____, CA _____	
Upon Arrival at Packing House:	
1. Is proof of ownership of the fruit readily available (i.e., field receipts, valid permits or certificates, etc.?) If proof provided, attach copies to this form.	Yes <input type="checkbox"/> No <input type="checkbox"/>
2. Is fruit grown inside or outside the quarantine area(s)?	Yes <input type="checkbox"/> No <input type="checkbox"/>
3. Weight shown on permit/certificate/field receipt? or, _____ Lbs. _____ Bins or, _____ Lbs. _____ Bins or, _____ Lbs. _____ Bins _____ Lbs.	
4. Can the origin of the fruit be verified?	Yes <input type="checkbox"/> No <input type="checkbox"/>
5. Does the load have a valid permit or certificate (attach a copy to this document)	Yes <input type="checkbox"/> No <input type="checkbox"/>
6. Has the load been transported in a safeguarded condition? Safeguarding includes: covering the entire load with a tarp or other barrier, filling the field bins no closer than 12 inches from the top of the bin, transporting between sunset and sunrise, and/or shipping in an enclosed conveyance or vehicle.	Yes <input type="checkbox"/> No <input type="checkbox"/>
7. Do you need to safeguard the load and place it on HOLD while further investigation takes place (i.e., Does the grower need to be contacted?)?	Yes <input type="checkbox"/> No <input type="checkbox"/>
8. Did you need to seize and destroy all the fruit?	Yes <input type="checkbox"/> No <input type="checkbox"/>
After Fruit is Unloaded:	
9. Did you need to seize and destroy all the fruit?	Yes <input type="checkbox"/> No <input type="checkbox"/>
10. Was packed fruit grown inside the quarantine area kept segregated from fruit grown outside the quarantine area?	Yes <input type="checkbox"/> No <input type="checkbox"/>
11. Did fruit packed inside the quarantine area receive an identifying mark or label (e.g., “diamond” stamp)?	Yes <input type="checkbox"/> No <input type="checkbox"/>
12. Did fruit grown in quarantine area, and packed outside quarantine area, receive the identifying mark or label (e.g., a “diamond” stamp) on each box?	Yes <input type="checkbox"/> No <input type="checkbox"/>
<i>Please list any additional comments or explanations on the back of this form</i>	



ESTABLISHMENT or FACILITY NAME: _____ **DATE:** _____

ADDRESS: _____

INSPECTOR(S): _____

Yes or No

_____ Has Inspector explained regulations and restrictions of the exotic fruit fly quarantine?

_____ Was Compliance Agreement signed and understood?

_____ Is fruit fly host material from commercial and/or backyard sources?

_____ Have valid receipts been presented by establishment/facility?

Origin of Host Material:
(Check Appropriate Box)

- From sources located outside of an exotic fruit fly quarantine area
- From sources located inside of an exotic fruit fly quarantine area
- If from inside of an exotic fruit fly quarantine area, fruit fly host material has been treated (i.e., undergone bait treatment or fumigation, etc.)

_____ Does the establishment/facility have a loading/unloading area (either of these activities must be completed within 1 hr. of arrival/departure of fruit fly host material)?

_____ Is the establishment/facility performing any packing and/or sorting of fruit fly host material?

_____ If yes, are these activities being done in an enclosed area and/or is the fruit fly host material being kept safeguarded from possible infestation?

Methods that demonstrate safeguarding compliance for fruit fly host material (check all that apply):

- _____ Front and rear doors of establishment/facility kept closed
- _____ Doorways are protected via air curtains, commercial fans, plastic strips or screens
- _____ Fruit fly host material is refrigerated (maintained at 58°F or below) and/or safeguarded by screening or plastic shrink wrapping
- _____ Culls, discarded material, and refuse containing fruit fly host material is always kept stored in sealed plastic bags or in covered containers and/or dumpsters, prior to disposal.



YARD MAINTENANCE INSPECTIONS

NAME OF BUSINESS: _____

DATE: _____

INSPECTOR(S): _____

YES or NO

_____ Explained exotic fruit fly quarantine regulations and restrictions and determined they were understood?

_____ Signed Compliance Agreement, and issued all relevant information (i.e., host list, quarantine map and exotic fruit fly brochure)?

_____ Issued a sticker displaying the Compliance Agreement number (to be placed on the inside, lower left front windshield the vehicle)?

_____ Is FFHM being, or has it been recently, removed from premises/properties located with the exotic fruit fly quarantine boundaries?

_____ If yes, was it disposed of properly (i.e., bagged and transported by truck to a landfill or approved recycling/composting facility)?

_____ If no, then seize all FFHM not properly bagged or disposed of, explain regulatory violation(s), and warn that a Notice of Violation will be issued following the next incident.

_____ Does this business grow any plants themselves that are utilized for landscaping purposes?

_____ If yes, have them describe their operation and determine if it's within the quarantine boundaries, and whether it will require a separate compliance agreement for nursery stock.