

POSTENTRY QUARANTINE

**Joint Program
with
Hawaii Department of Agriculture Plant Quarantine**

WHAT IS POSTENTRY?

- ❖ Government program to help stakeholders import clean mother stock plants from foreign countries.
- ❖ Program covers many types of fruit trees and some flowering plants.
- ❖ Designated Postentry Quarantine site is on applicant's property.
- ❖ A postentry permit is needed before importing plants.

Joint Process – HDOA & USDA

- ❖ Interview & Presentation with HDOA-PQB and USDA-APHIS-PPQ Hawaii – commodity risk
- ❖ Check list for greenhouse and site development
- ❖ Review of greenhouse and site
- ❖ Approval of PPQ 546 (postentry permit)
- ❖ Issuance of PPQ 546
- ❖ Applicant – can import specified type and amount of plants only for duration of permit

Plant Pest of Concern

Diseases – Latent Infection

- ❖ Fungi
- ❖ Viruses
- ❖ Bacteria

Nematodes

Insects - Immature

Commodity Risk for Permitted Plants

Many Unknown Plant Diseases

- ❖ *Annona* sp. – 55 fungi, 3 nematodes
- ❖ *Artocarpus* sp. 10 fungi, 3 & 1 new pest nematode
- ❖ *Mangifera indica* – 45 fungi, +
 - UNDER PEST RISK RE-REVIEW
- ❖ *Nephelium* sp. – 20 fungi & 1 fungi of concern, 2 nematodes



Definitions

Greenhouse – structure with a glass or plastic roof and frequently glass or plastic walls. Roof and sides have to allow light to penetrate. Greenhouse can also protect plants from wind, rain, and animals. Greenhouses are Great !!!

Shade house – Only protect cultivated plants from excessive heat, light or dryness. Structure may not protect plants from rain, wind, or animals. (opposite of greenhouse)

Improvements / Investment Needed

**Greenhouses
are GREAT**

Impervious roof – control rainfall

Mesh – prevent insect vectors

**Door - control
Insect movement**



**Keep area weed free
alternate host for viruses,
reduce insect presence**

Impervious floor – control /treat water runoff

Raised benches – for catch pans to contain and treat water runoff





Impervious roof – control rainfall

**Door - control
Insect movement**

Mesh – prevent insect vectors

**Keep area weed free
alternate host for viruses,
reduce insect presence**



**Impervious floor – control /treat
water runoff**



Insect control

Protect Grower, Trade, and Environment

- ❖ Signage = “No Trespassing” / “Authorized Personnel Only”
- ❖ Fencing – prevent theft
- ❖ Potting in soilless media - no field planting
- ❖ Keep 10 foot area surrounding the greenhouse weed free
- ❖ Don't mix with domestic plants
- ❖ Keeping the greenhouse door close
- ❖ Contingency Plan – flood, hurricane, lava
- ❖ Do not make alterations/decommission to the greenhouse without written permission from HDOA and USDA
- ❖ Etc. – depending on potential postentry site

Controlled Import Permit for Postentry Quarantine

- ❖ “Permit holder shall ensure that this permit is valid while each imported plant shipment is in postentry quarantine until its final release and PPQ form 569 is issued by the PEQ National Coordinator.” = Permit must be valid for entire duration that plants are in postentry quarantine – **1 year to import**
- ❖ No hand carry or passenger baggage – import process
 - Mail only
- ❖ “This permit must be utilized solely by the permittee.” = **Permit is non-transferable**

Controlled Import Permit for Postentry Quarantine

- ❖ “Please note that the import requirements listed below are subject to change at any time during the duration of this permit. Please refer to the Nursery Stock Restrictions (Plant for Planting) Manual at.....” Stakeholder needs to confirm that the import of a genus/genera of plant is still applicable otherwise the plant will be refused entry into the U.S.

United States Department of Agriculture
 Animal and Plant Health Inspection Service
Plant Protection and Quarantine



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OMB Approved
0678-0048

UNITED STATES DEPARTMENT OF AGRICULTURE
 ANIMAL AND PLANT HEALTH INSPECTION SERVICE
 PLANT PROTECTION AND QUARANTINE
 AGREEMENT FOR POSTENTRY QUARANTINE
 STATE SCREENING NOTICE (7 CFR 319.37)

INSTRUCTIONS: PRESS HARD – you are making 4 copies. Complete section A. FORWARD PARTS 1, 2, AND 3 TO THE STATE REGULATORY OFFICIAL IN THE STATE WHERE THE PLANT MATERIAL WILL BE GROWN. Refer to the addresses on the reverse of Part 4. Retain Part 4 for your file.

1. Name and Address of Applicant	2. Scientific Name of Plant	3. Quantity	4. Country of Origin

Telephone No.

5. ACTUAL LOCATION WHERE MATERIAL WILL BE GROWN, INCLUDING COUNTRY (Please be specific. Show street address of property, or if no number, describe location of property in relation to roads and/or landmarks. Do NOT use post office box numbers.

AGREEMENT

As a condition of importing nursery stock governed by postentry quarantine provisions of the Nursery Stock Plants regulation (7 CFR 319.37-7), the following requirements must be met.

- All plant material will be grown on premises supervised and controlled by me, located as specified in the Growing Locations section, and will not be moved or distributed without prior written permission of the appropriate State or Territory Official and the Coordinator, Postentry Quarantine Program, Riverdale, MD.
- Properly identified officers, either Federal and/or State, will be given access to the premises listed in the Growing Locations section during regular business hours.
- No increase of these plants by cutting, grafting, suckers, flowers, seeds, or air layers will be made; there will be no distribution of the plants or increase; and no cutting of flowers for sale will be made until the plants are released from postentry quarantine, or written permission of the (as in the first condition above).
- The plant material and all increase there from will be labeled by specific plant name, port accession number, and date of importation.
- The plant material will be separated from domestic stock of the same genus including such stock on adjoining premises, by no less than 3 meters (approximately 10 feet), and will be separated from other imported plants by the same distance.
- Any treatments prescribed by the officer including destruction of the quarantined plant material or other plants growing on the premises will be complied with to prevent the dissemination of a plant pest.
- The appropriate State or Territory Official will be notified in writing within 30 days when any abnormality is noticed in the plant material or if the plant material dies. Dead plants will be retained and collected by the officer for analysis.
- Notification of change of address will be sent to the appropriate State or Territory Official and the Coordinator, Postentry Quarantine Program, Riverdale MD.
- Plants of *Rubus* spp. from Europe will be grown in a screenhouse (16 mesh per inch minimum); plants of *Chrysanthemum* spp., *Dendranthema* spp., *Leucanthemella serotina*, *Alpontantherium ripponicum*, *Dianthus* spp., and *Hydrangea* spp. will be grown in a greenhouse or other enclosed building.
- The postentry requirements will be applied to *Chrysanthemum* spp. for 6 months after importation, to *Dianthus* spp. for 1 year after importation, to *Hydrangea* spp. for 9 months after importation, to *Humulus* spp. (hops), a meristem culture of the imported plant will be observed for 6 months, and the original plant will be destroyed after the meristem culture is established. After the 6-month observation, the meristem culture-generated plant must remain in postentry quarantine for an additional year. All other plants under the postentry quarantine program will be observed and grown for 2 years after importation.

I, as the responsible agent, have read this agreement and agree to the above conditions, and understand that violation of this agreement will result in the cancellation of my postentry permit.

6. SIGNATURE OF APPLICANT	7. DATE SIGNED

SECTION 5- TO BE COMPLETED BY STATE OFFICIAL

8. SITE APPROVED DISAPPROVED (if Disapproved State Reason Below) NOT SCREENED

All plants listed must be grown in an enclosed greenhouse with screen (16 mesh per inch minimum) covering all openings

RETAIN PART 3 FOR YOUR FILE

9. SIGNATURE OF STATE OFFICIAL	10. DATE SIGNED	State Official: Forward this application to: U.S. Department of Agriculture, APHIS Plant Protection and Quarantine 4700 River Road, Unit 136 Riverdale, Maryland 20737-1236

PPQ Form 546
JUL 2009

Previous edition obsolete.

Warning: Any alteration, forgery, or unauthorized use of this document is subject to civil penalties of up to \$250,000 (7 U.S.C. 7734(b)) or punishable by a fine of not more than \$10,000, or imprisonment of not more than 5 years, or both (18 U.S.C. 1001)

Plant Protection and Quarantine

AGREEMENT

As a condition of importing nursery stock governed by postentry quarantine provisions of the Nursery Stock Plants regulation (7 CFR 319.37-7), the following requirements must be met.

- a. All plant material will be grown on premises supervised and controlled by me, located as specified in the Growing Locations section, and will not be moved or distributed without prior written permission of the appropriate State or Territory Official and the Coordinator, Postentry Quarantine Program, Riverdale, MD. **Land ownership / Signage / Fencing / Contingency plan**
- b. Properly identified officers, either Federal and/or State, will be given access to the premises listed in the Growing Locations section during regular business hours. **Staff availability**
- c. No increase of these plants by cutting, grafting, suckers, flowers, seeds, or air layers will be made; there will be no distribution of the plants or increase; and no cutting of flowers for sale will be made until the plants are released from postentry quarantine, or written permission of the (as in the first condition above). **Need proper permission in writing (both c. and d.)**
- d. The plant material and all increase therefrom will be labeled by specific plant name, port accession number, and date of importation.
- e. The plant material will be separated from domestic stock of the same genus including such stock on adjoining premises, by no less than 3 meters (approximately 10 feet); and will be separated from other imported plants by the same distance. **Minimum requirements**
- ★ f. Any treatments prescribed by the officer including destruction of the quarantined plant material or other plants growing on the premises will be complied with to prevent the dissemination of a plant pest. **APPLICANT IS RESPONSIBLE TO PAY**
- g. The appropriate State or Territory Official will be notified in writing within 30 days when any abnormality is noticed in the plant material or if the plant material dies. Dead plants will be retained and collected by the officer for analysis. **CRITICAL – APPLICANT LIABLE**
- h. Notification of change of address will be sent to the appropriate State or Territory Official and the Coordinator, Postentry Quarantine Program, Riverdale MD. **IMPORTANT**
- i. Plants of *Rubus* spp. from Europe will be grown in a screenhouse (16 mesh per inch minimum); plants of *Chrysanthemum* spp., *Dendranthema* spp., *Leucanthermaia serotina*, *Nipponanthemum nipponicum*, *Dianthus* spp., and *Hydrangea* spp. will be grown in a greenhouse or other enclosed building.
- j. The postentry requirements will be applied to *Chrysanthemum* spp. for 6 months after importation, to *Dianthus* spp. for 1 year after importation, to *Hydrangea* spp. for 9 months after importation, to *Humulus* spp. (hops), a meristem culture of the imported plant will be observed for 6 months, and the original plant will be destroyed after the meristem culture is established. After the 6-month observation, the meristem culture-generated plant must remain in postentry quarantine for an additional **★**. All other plants under the postentry quarantine program will be observed and grown for 2 years after importation.

I, as the responsible agent, have read this agreement and agree to the above conditions, and understand that violation of this agreement will result in the cancellation of my postentry permit.

6. SIGNATURE OF APPLICANT

7. DATE SIGNED

SECTION B- TO BE COMPLETED BY STATE OFFICIAL

8. SITE

APPROVED

DISAPPROVED (if Disapproved State Reason Below)

NOT SCREENED

Shipment Inspections – Pest Found

USDA Inspection – on arrival

- ❖ Insects – possible treatment / destruction
- ❖ Diseases – destruction / possible treatment
 - Fungi, Nematode, Bacteria, Viruses

HDOA Inspection – coordinate with permittee

- ❖ Visually clean plant material sent to PE site for further monitoring

Field Inspection

- ❖ *Hoplolaimus seinhorsti* – Not known to occur in U.S.
- ❖ *Neofusicoccum* sp. – India research
 - Broad host range – *Acacia* sp., *Persea americana*,
Protea cynaroides, *Vaccinium* sp.
- ❖ Other examples

Postentry Field Form

U.S. DEPARTMENT OF AGRICULTURE
 ANIMAL AND PLANT HEALTH INSPECTION SERVICE
 PLANT PROTECTION AND QUARANTINE

NOTICE OF SHIPMENT AND REPORT OF INSPECTION OF IMPORTED PLANTS TO BE GROWN UNDER POSTENTRY QUARANTINE

1. INSPECTION STATION

2. POSTENTRY PERMIT NO.

3. INSPECTION STATION REFERENCE NO.

4. NAME AND MAILING ADDRESS OF PERMITTEE (include zip code)

ACTION	DATE	TIME
5. RECEIVED		
6. INSPECTED		
7. RELEASED		
8. FORWARDED		

9. APPROVED GROWING SITE IF DIFFERENT FROM ITEM 4 (Specify if "Same")

10. PLANTS IMPORTED (Number and kind)

A. _____

B. _____

C. _____

D. _____

E. _____

F. _____

G. _____

H. _____

I. _____

J. _____

11. ORIGIN

12. CONDITION OF PLANTS ON ARRIVAL

13. INSECTS INTERCEPTED

14. DISEASES INTERCEPTED

15. TREATMENT

16. REMARKS (No. of postentry tags forwarded, method of transportation, certification, packing material, etc.)

17. SIGNATURE OF PLANT PROTECTION AND QUARANTINE OFFICER

PPQ FORM 536 (Previous edition is obsolete)
 AUG 2000

PLANTS IMPORTED	NO.	DATE AND FINDINGS	DATE AND FINDINGS	DATE AND FINDINGS	DATE AND FINDINGS
A.					
B.					
C.					
D.					
E.					
F.					
G.					
H.					
I.					
J.					

RECOMMENDED FOR RELEASE

SIGNATURE OF FIELD INSPECTOR

TITLE

RECOMMENDED FOR RELEASE

SIGNATURE OF FIELD SUPERVISOR

TITLE

RECOMMENDED FOR RELEASE

SIGNATURE

TITLE

POSTENTRY QUARANTINE LIAISON OFFICER

RELEASED FROM POSTENTENTION

SIGNATURE

TITLE

COORDINATOR, POSTENTRY QUARANTINE PROGRAM

PPQ FORM 236 (Reverse Parts 4, 5, 6)

Released when signed
 by HDOA & USDA

Do not sell plants until
 PPQ Form 569 is in your
 possession

Postentry Field Prescription

**FOLLOW
RECOMMENDATIONS**



United States
Department of
Agriculture

Animal Plant
Health Inspection Service
Plant Protection
And Quarantine

USDA-APHIS-PPQ
Honolulu Int'l Airport
300 Rodgers Blvd #38
Honolulu, HI 96819
Ph: 808-834-3240
Fax: 808-861-8500

**POSTENTRY AUTHORIZATIONS
APPROVED BY HAWAII DEPARTMENT OF AGRICULTURE
PLANT QUARANTINE AND USDA-APHIS-PPQ.**

Inspection Station Reference # _____

SIGNATURE OF STATE OFFICIAL	DATE SIGNED
SIGNATURE OF POSTENTRY LIAISON OFFICER	DATE SIGNED
SIGNATURE OF PERMITTEE	DATE SIGNED

ANY DEVIATION FROM THE ABOVE PRESCRIBED MAY RESULT IN CIVIL PENALTIES
OR OTHER LEGAL ACTION

PPQ 569 Release from Postentry Quarantine

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE
PLANT PROTECTION AND QUARANTINE

RELEASE FROM POSTENTRY QUARANTINE

The status of this entry will be determined by the APHIS inspector who inspects the plants at the time of release from quarantine. The plants must be inspected and approved for release from quarantine before they can be sold or otherwise disposed of.

1. NAME OF IMPORTER/EXPORTER
2. NAME OF QUARANTINE FACILITY

3. NUMBER AND ADDRESS OF POSTENTRY QUARANTINE

4. ADDRESS OF QUARANTINE FACILITY

1. NUMBER	2. DESCRIPTION OF PLANTS	3. QUANTITY OF PLANTS	4. DATE OF RELEASE

5. This entry is being released from quarantine and the plants are being sold or otherwise disposed of.

6. This entry is being released from quarantine and the plants are being sold or otherwise disposed of.

7. This entry is being released from quarantine and the plants are being sold or otherwise disposed of.

PPQ FORM 569
(OCT 80)

Do not sell plants until PPQ Form 569 is in your possession

FIGURE F-12: Example of PPQ 569 Release from Postentry Quarantine

Postentry – Production Investment

- ❖ Isolation greenhouse = reduce cost
- ❖ Propagation greenhouse-
(WHEN NOT IN POSTENTRY USE)
- ❖ Export – domestic / foreign
(WHEN NOT IN POSTENTRY USE)
- ❖ Tax write off ?

POSTENTRY CONTACTS

Lance Sakaino

HDOA – PQB

Plant Specialist

Office Phone: (808) 832-0574

Matthew Goo

USDA-APHIS-PPQ

Plant Pathologist / Postentry Liaison Officer

Office Phone: (808) 834-3240

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