

United States Department of Agriculture

Animal and Plant Health Inspection Service

Plant Protection and Quarantine

Clearing Nursery Stock and Flower Bulbs for CBPAS



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CAUTION: Pesticides can be injurious to humans, domestic animals, desirable plants, fish, or other wildlife—if they are not handled or applied properly. Use all pesticides selectively and carefully. Follow recommended practices for the disposal of surplus pesticides and pesticide containers.

Procedures for CBPAS Clearing Shipments of Nursery Stock¹ Other Than Seed

Step 1—Look to see whether there is a Green and Yellow or Red and White mailing label attached to the package or container. These labels direct the package to an APHIS-PPQ, Plant Inspection Station where the material will be inspected.

TABLE 1: Expediting Packages with Green and Yellow or Red and White Mailing Labels

If there is:	And:	Then:
A Green and Yellow (PPQ Form 508) or Red and White (PPQ Form 599) mailing label attached (see Figure 1) ¹	Only a green and yellow or red and white mailing label is attached (one address per package)	ALLOW the package to proceed to the Plant Inspection Station identified on the label
	There is an additional mailing label ²	CONTACT the nearest Plant Inspection Station for directions on how to proceed
No green and yellow nor red and white mailing label attached	-	CONTINUE to Table 2

- 1 For more information on these forms, go to the *Manual for Agricultural Clearance*.
- 2 If this is an expedited courier package, the address for delivery must be the same as the PPQ label. Otherwise, prohibit entry.





FIGURE 1: Green and Yellow and Red and White Mailing Labels



Older forms do **not** have the bar code but are still valid.

¹ Includes flower bulbs, dormant perennials, and small shipments of other categories of nursery stock)

If the plant is: And: And from: **Then** A bulb (B) as Crocosmia, Africa 1, PROHIBIT ENTRY listed in Table 7 Gladiolus, Argentina, or or Watsonia Uruguay Other than a Go to Step 2 country listed above Homeria PROHIBIT ENTRY Allium REFER the articles to a Plant Inspection sativum Station Other than Go to Step 2 a bulb listed in the cells above A dormant Go to Step 2 perennial (DP) as listed in Table 7 Not listed in The origin USE the Plants for Planting Manual Table 7 is Canada The origin 12 or fewer Go to "Procedures for Clearing Small is other Shipments of Nursery Stock Other Than articles than Flower Bulbs or Precleared Dormant Canada Perennials from Other than Canada" on page-23 More than REFER the articles to a Plant Inspection 12 articles Station

TABLE 2: Locator for Categories of Nursery Stock

1 The countries in Africa are: Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Côte d'Ivoire, Cameroon, Cape Verde, Central African Republic, Chad, Comoros, Congo, Democratic Republic of Congo, Djibouti, Egypt, Equatorial Guinea, Erithrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Libya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Morocco, Mozambique, Namibia, Niger, Nigeria, Rwanda, Sao Tome & Principle, Senegal, Seychelles, Sierra Leone, South Africa, Swaziland, Tanzania, Togo, Tunisia, Uganda, Zambia, and Zimbabwe

Procedures for Clearing Shipments of Flower Bulbs and Precleared Dormant Perennials

The following steps are to enable Customs and Border Protection Agricultural Specialists to clear shipments of flower bulbs or shipments of precleared dormant perennials.

Step 2—Determine Whether the Articles May Be Precleared Refer to **Table 3**.



If you find other categories of nursery stock (for example cuttings, plants, shrubs, trees, or vines) in with a shipment of bulbs or precleared dormant perennials—**REFER the entire shipment** to a Plant Inspection Station.



The CBPAS may make integrity and compliance checks on **any or all** precleared shipments of bulbs.

If articles are arriving: And: And: Then: From There is a legible RELEASE, the bulbs label2 on every pallet, Belgium, are precleared Israel, the container, or package United with a statement Kingdom, the indicating that the Netherlands bulbs are precleared or from the for U.S.A. ³ Netherlands The invoice, bill of via Canada 1 lading, or manifest states, "Precleared" There is a The phytosanitary certificate phytosanitary indicates that the consignment has certificate 4 been precleared There is **no** evidence the REFER the articles consignment has been precleared to a Plant Inspection Station There is no PROHIBIT ENTRY phytosanitary certificate nor is there an invoice, bill or lading, manifest or label indicating that the bulbs are precleared **Neither** from The articles originated The articles are accompanied by RELEASE, the bulbs both a Phytosanitary Certificate 5 Belgium, in Chile are precleared Israel, the and a PPQ Form 203 to verify United preclearance Kingdom, nor The articles are accompanied by a the Phytosanitary Certificate 5 and Netherlands covered by a vessel report 6 nor arriving The articles are accompanied solely PROCEED to Step 3 through the by a Phytosanitary Certificate Netherlands The articles lack the documents PROHIBIT ENTRY (not laden in described above the The articles are from The articles are accompanied by RELEASE, the bulbs Netherlands) both a Phytosanitary Certificate and are precleared other than Chile a PPO Form 203 to verify preclearance PROCEED to Step 3 The articles are accompanied solely by a Phytosanitary Certificate The articles lack the documents PROHIBIT ENTRY described above

TABLE 3: Deciding Whether Bulbs or Dormant Perennials Are Precleared

¹ The consignment of bulbs was laden in the Netherlands

² The label will be identified as a "Copy-Certificate of Examination for the U.S.A.

- 3 The shipment may contain bulbs or dormant perennials that have originated in Belgium, Great Britain (England, Scotland, and Wales), Ireland, Israel, or Turkey. The phytosanitary certificate is held in the bulb's country of origin.
 - ◆ A PPQ Form 203 is **unnecessary** for such consignments.
 - Mail shipments will carry white labels showing origin and stamped "Release precleared bulbs."
 - ♦ Hand carried shipments will have a white sticker attached to the bulb package.
 - Mail and express courier packages will carry a red/white Copy Certificate label. The labels are only
 valid if they have been stamped and initialed with a USDA APHIS "Inspected and Released" stamp.
- 4 If the invoice/manifest or other document from the Netherland states "Precleared," then the shipment may be released without inspection or presentation of a PPQ Form 203.
- Must be accompanied by a phytosanitary certificate with an additional declaration that states that such article was grown on land that has been sampled and microscopically inspected by the plant protection service of the country in which grown within 12 months preceding issuance of the certificate and found free from potato cyst nematodes, *Globodera rostochiensis* (Woll.) Behrens and *G. pallida* (Stone) Behrens
- 6 All maritime shipments from Chile will have a Vessel Report in lieu of the PPQ Form 203, which will be faxed directly to the receiving port. If the shipment was not precleared, PROCEED to Step 3.

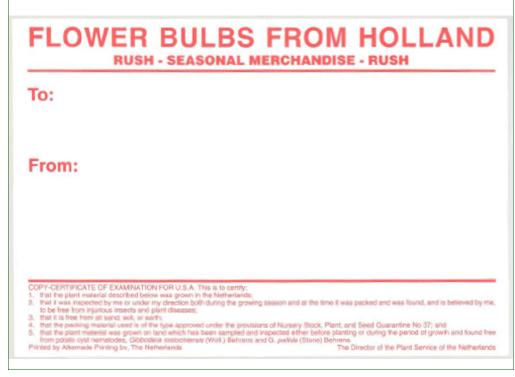


FIGURE 2: Bulb Mailing Label (half-size)

COPY-CERTIFICATE OF EXAMINATION FOR U.S.A. This is to certify:

- 1. that the plant material was grown in the Netherlands;
- that it was inspected by me or under my direction both during the growing season and at the time it was packed and was found and is believed by me to be free from injurious insects and plant diseases;
- 3. that it is free from all sand, soil, or earth;
- 4. that the packing material used is of the type approved under the provisions of Nursery Stock, Plant, and Seed Quarantine No. 37; and
- that the plant material was grown on land which has been sampled and inspected either before planting or during the period of growth and found free from potato cyst nematodes, Globodera restochiensis (Woll.) Behrens and G. palida (Stone) Behrens.

The Director of the Plant Service of the Netherlands

FIGURE 3: Copy Certificate(actual size)

Step 3—Determine Whether the Article Is a Bulb Protected by CITES Refer to **Table 4**.

TABLE 4: Determining Whether It Is a Bulb Protected by CITES

	And the bulb		
And it's:	was:	And:	Then:
Protected by CITES:	Precleared	Accompanied by a copy of a current	RELEASE
♦ Bletia spp.		Protected Plant Permit—PPO Form	
◆ Bletilla spp.		622	
◆ Cyclamen spp.		Lacks evidence of a Protected Plant Permit	HAVE the importer or the importer's broker SEND the consignment to
◆ Galanthus spp.		or the permit has expired	the local Plant Inspection Station (if the importer declines to take financial responsibility for sending
Habenaria radiata (syn.			the consignment, CALL the Plant Inspection Station for guidance)
Pecteilis radiata), or	Not precleared	Accompanied by a copy of a current	PROCEED to Step 4
◆ Sternbergia spp.)		Protected Plant Permit—PPQ Form 622	
		Lacks evidence of a Protected Plant Permit or the permit has expired	HAVE the importer or the importer's broker SEND the consignment to the local Plant Inspection Station (if the importer declines to take financial responsibility for sending the consignment, CALL the Plant Inspection Station for guidance)
Not a species protected under CITES			PROCEED to Step 4
as identified in the cell above		-	

Step 4—Determine What Action to Take on the Bulbs Table 5.

TABLE 5: Determining Action to Take on Bulbs That Are Not Precleared

If the bulbs:	And from a country:	And:	Then:
Are accompanied by a Phytosanitary Certificate from the plant protection service of the country of origin	Where potato cyst nematodes (including the golden nematode) are known to occur (Algeria, Argentina, Armenia, Australia, Austria, Azerbaijan, Azores, Belarus, Bolivia, Bulgaria, Canada¹, Channel Islands, Chile, Colombia, Costa Rica, Crete, Cyprus, Czechoslovakia, Denmark (including Faeroe Islands), Ecuador, Egypt, Estonia, Germany, Finland, France, Georgia, Great Britain, Greece, Guernsey, Hungary, Iceland, India, Indonesia, Ireland, Italy,	Accompanied by an additional declaration on the phytosanitary certificate ² that states that such article was grown on land that has been sampled and microscopically inspected by the plant protection service of the country in which grown within 12 months preceding issuance of the certificate and found free from potato cyst nematodes, <i>Globodera rostochiensis</i> (Woll.) Behrens and <i>G. pallida</i> (Stone) Behrens	Prepare to inspect the bulbs. PROCEED to Step 5
	Japan, Jersey, Jordan, Kazakhstan, Kyrgyzstan, Latvia, Lebanon, Lithuania, Luxembourg, Malta, Mexico, Moldova, Morocco, New Zealand, Northern Ireland, Norway, Pakistan, Panama, Peru, the Philippines, Poland, Portugal, Spain (including Canary Islands), Russia, Sweden, Switzerland, Tajikistan, Timor-Leste, Tunisia, Turkmenistan, Ukraine, Uzbekistan, Venezuela, or Yugoslavia)	Lacks the statement that the article is free from potato cyst nematodes	PROHIBIT ENTRY
	Other than one listed in the cell above (one where the potato cyst nematodes are not know to occur)	-	Prepare to inspect the bulbs. PROCEED to Step 5
Lack a Phytosanitary Certificate		-	PROHIBIT ENTRY

¹ If the article is from a Potato Cyst Nematode (PCN) regulated area, CFIA will provide an additional declaration the plants in this shipment were grown in a manner to prevent infestation by Potato Cyst Nematodes (*Globodera rostochiensis* and *G. pallida*)

² If from Canada, the additional declaration will be as in footnote 1 above.)

Step 5—Inspect the Bulbs

Inspect the bulbs ² for adhering soil and pests and determine whether any of the bulbs have sprouted.

TABLE 6: Regulating the Bulbs Based on Inspection Findings

If the inspection reveals:	And the broker or importer:	Then:
Bulbs that have sprouted and any of the sprouts exceed a half inch	-	REFER the bulbs to a Plant Inspection Station
Pests		1. PREPARE THE SPECIMEN
	-	2. SEND all intercepted pests to the appropriate Area Identifier ¹
Soil adhering to or with bulbs	Agrees to have the bulbs cleaned or reconditioned	RELEASE the bulbs once they are cleaned or the shipment reconditioned
	Rejects the option of having the bulbs cleaned or reconditioned	PROHIBIT ENTRY
No bulbs with sprouts that exceed a half inch, no pests, and the bulbs are clean	-	RELEASE

SEE the following Chapter in the Manual for Agricultural Clearance for a list of the Area Identifiers: http://www.aphis.usda.gov/import_export/plants/manuals/ports/downloads/ mac_pdf/g_app_identifiers.pdf

Determining the presence of plant pests or contaminants in a commercial shipment is based on inspection of a sample. The size and method of selecting the sample are important in ensuring that it is representative of the whole shipment. Generally, use 2 percent as a standard sample rate. Use past port experience working with the shipper and the type of bulb or dormant perennial being imported. The sample rate may be increased for smaller shipments, or for a shipper or commodity that is encountered for the first time. The sample rate may be decreased for larger shipments, or for low risk commodities. Keep in mind that for containerized shipments, shippers may put the cleanest boxes of bulbs or dormant perennials at the tailgate of the container. Therefore, it is important that the sample is representative of the whole shipment. The importer is responsibility for supplying the labor to move open and re-package the boxes or cartons sampled.

TABLE 7: : List of Bulbs (B) and Underground Portions of Dormant Perennials (DP)

Scientific Name	Bulb, B or Dormant Perennial, DP	Propagule	Family
Acanthus, except for A. balcanicus, A. caudatus, A. ebracteatus, A. ilicifolius, A. mollis, A. montanus, A. pubescens, A. spinosus, A. syriacus	DP	division	Acanthaceae
Achillea	DP	division	Asteraceae
Achimenes	В	rhizomes	Gesneriaceae
Acidanthera	В	corm	Iridaceae
Aconitum	DP	tuberous roots	Ranunculaceae
Acorus	В	rhizome	Araceae
Actaea, except for A. alba, A. spicata	DP	division	Ranunculaceae
Adonis, except for A. amurensis, A. baetica, A. dentata, A. flammea, A. microcarpa	DP	division	Ranunculaceae
Agapanthus, if tuberous roots	DP	tuberous roots	Liliaceae
Agapanthus, if rhizome	В	rhizome	Liliaceae
Agastache	В	rhizome	Lamiaceae
Albuca	В	bulb	Liliaceae
Alcea, except for A. striata, A. pallida	DP	division	Malvaceae
Alchemilla	DP	division	Rosaceae
Allium	В	bulb	Liliaceae
Alstroemeria	DP	root division	Liliaceae
Amarcrinum	В	bulb	Liliaceae
Amarine	В	bulb	Liliaceae
Amarygia	В	bulb	Liliaceae
Amaryllis	В	bulb	Liliaceae
Amianthium	В	bulb	Liliaceae
Ammocharis	В	bulb	Liliaceae
Anapalina	В	corm, rhizome, bulb	Iridaceae
Anaphalis, except for A. adnata	DP	division	Asteraceae
Anchusa	DP	division	Boraginaceae
Androcymbium	В	bulb	Liliaceae
Androstephium	В	corm	Liliaceae
Anemone, if tubers, rhizomes	В	tubers, rhizomes	Ranunculaceae
Anemone, if tuberous roots, other	DP		Ranunculaceae
Angelica, except for A. archangelica, A. pachycarpa, A. sylvestris	DP	tuberous roots	Apiaceae
Anomatheca	В	corm	Iridaceae
Anthericum, if rhizome	В	rhizome	Liliaceae
Anthericum, if tuberous roots	DP		Liliaceae
Antholyza	В	corm	Iridaceae
Aquilegia	DP	division	Ranunculaceae
Arisaema	В	bulb, tuber	Araceae

TABLE 7: : List of Bulbs (B) and Underground Portions of Dormant Perennials (DP)

Scientific Name	Bulb, B or Dormant Perennial, DP	Propagule	Family
Artemisia, except for A. apiacea, A. argyi, A. austriaca, A. capillaris, A. herba-alba, A. japonica, A. maritima, A. montana, A. ordosica, A. princeps, A. sieversiana, A. verlotiorum	DP		
Arum	В	tuber	Araceae
Aruncus	DP		Rosaceae
Asarum, except for A. europaeum	DP	division	Aristolochiaceae
Asclepias	DP		Asclepiadaceae
Asphodeline	DP	division	Asphodelaceae
Aster, if fibrous roots	DP		Asteraceae
Aster, if rhizome	В	rhizome	Asteraceae
Astilbe	DP		Saxifragaceae
Astilboides	DP	division	Saxifragaceae
Astrantia	DP		Apiaceae
Babiana	В	corm	Iridaceae
Begonia, if tuber, bulb, or rhizome	В	tuber, bulb, rhizome	Begoniaceae
Begonia, if fibrous rooted	DP	fibrous roots	Begoniaceae
Bellevalia	В	bulb	Liliaceae
Bergenia	В	rhizome	Saxifragaceae
Bergenia, other than rhizome	DP		Saxifragaceae
Bessera	В	corm	Liliaceae
Bletia	В	corm	Orchidaceae
Bletilla	В	tuberous rhizomes	Orchidaceae
Bloomeria	В	corm	Liliaceae
Bongardia chrysogonum	В	tuber	Berberidaceae
Boophane, alt. Boophone	В	bulb	Liliaceae
Bottionea = Trichopetalum	DP	fleshy roots	Liliaceae
Bowiea	В	bulb	Liliaceae
Bravoa = Polianthes	В	bulb	Agavaceae
Brevoortia = Dichelostemma	В	corm	Liliaceae
Brimeura	В	bulb	Liliaceae
Brodiaea	В	corm	Liliaceae
Brunnera	DP		Boraginaceae
Brunsdonna = Amarygia	В	bulb	Liliaceae
Brunsvigia	В	bulb	Liliaceae
Bulbocodium	В	corm	Liliaceae
Buphane = Haemanthus or Boophane	В	bulb	Liliaceae
Butomus	В	rhizome	Butomaceae
Caladium	В	tuber	Araceae
Caliphruria = Eucharis	В	bulb	Liliaceae

TABLE 7: : List of Bulbs (B) and Underground Portions of Dormant Perennials (DP)

Scientific Name	Bulb, B or Dormant Perennial, DP	Propagule	Family
Calla, florist's calla lily is Zantedeschia	В	rhizome	Araceae
Calochortus	В	bulb	Liliaceae
Calostemma	В	bulb	Liliaceae
Caltha	DP		Ranunculaceae
Camassia	В	bulb	Liliaceae
Campanula	DP		Campanulaceae
Canna, other than tuber or rhizome	DP		Cannaceae
Canna, if tuber or rhizome	В	tuber	Cannaceae
Carpolyza	В	bulb	Liliaceae
Chasmanthe	В	corm	Iridaceae
Chelone	DP	division	Scrophulariaceae
Chionodoxa	В	bulb	Liliaceae
Chionoscilla	В	bulb	Liliaceae
Chlidanthus	В	bulb	Liliaceae
Chlorogalum	В	bulb	Liliaceae
Cimicifuga	DP		Ranunculaceae
Cipura	В	corm, bulb	Iridaceae
Clematis	DP		Ranunculaceae
Clivia	DP		Liliaceae
Colchicum	В	corm	Liliaceae
Commelina, only the following species : Commelina caroliniana, C. communis, C. dianthifolia, C. diffusa, C. erecta, C. rufipes, C. virginica	В	bulbs, tubers	Commelinaceae
Convallaria, other than rhizome	DP		Liliaceae
Convallaria, if rhizome	В	rhizome	Liliaceae
Cooperanthes	В	bulb	Liliaceae
Cooperia = Zephyranthus	В	bulb	Liliaceae
Coreopsis	DP		Asteraceae
Corydalis	В	rhizome, tuber	Papaveraceae
Costus	В	rhizome	Zingiberaceae
Costus, other than rhizome	DP		Zingiberaceae
Crambe	DP		Brassicaceae
Crinodonna	В	bulb	Liliaceae
Crinum	В	bulb	Liliaceae
Crocosmia	В	corm	Iridaceae
Crocus	В	corm	Iridaceae
Curcuma	В	rhizome	Zingiberaceae
Curtonus	В	corm	Iridaceae
Cyclamen	В	corm, tuber	Primulaceae
Cyclobothra = Calochortus	В	bulb	Liliaceae

TABLE 7: : List of Bulbs (B) and Underground Portions of Dormant Perennials (DP)

Scientific Name	Bulb, B or Dormant Perennial, DP	Propagule	Family
Cynoglossum, only the following species are approved: Cynoglossum amabile, C. officinale, C. virginianum, C. zeylanicum	DP		Boraginaceae
Cypella	В	bulb	Iridaceae
Cyrtanthus	В	bulb	Liliaceae
Dahlia	В	tuber or tuberous roots	Asteraceae
Darmera = Peltiphyllum	В	rhizome	Saxifragaceae
Delphinium, other than tubers	DP	tuberous roots	Ranunculaceae
Delphinium, if tuber	В	tuber	Ranunculaceae
Dicentra, if tuber or rhizome	В	rhizome, tuber	Fumariaceae
Dicentra, if crown or root division	DP		Fumariaceae
Dichelostemma ida-maia	В	corm	Liliaceae
Diclytra = Dicentra, if crown or root	DP		Fumariaceae
Diclytra = Dicentra, if rhizome or tuber	В	rhizome, tuber	Fumariaceae
Dierama	В	corm	Iridaceae
Dipcadi	В	bulb	Liliaceae
Dipidax = Onixotis	В	corm	Liliaceae
Dracunculus vulgaris	В	tuber	Araceae
Drimia	В	bulb	Liliaceae
Drymophila	В	bulb	Liliaceae
Echinacea	DP		Asteraceae
Echinops	DP		Asteraceae
Elisena = Hymenocallis or Ismene	В	bulb	Liliaceae
Epimedium	В	rhizome	Berberidaceae
Equisetum	В	rhizome	Equisetaceae
Eranthis	В	tubers	Ranunculaceae
Eremurus	DP	thick roots	Liliaceae
Erigeron	DP		Asteraceae
Eriophorum, except for E. latifolium	В	rhizomes	Cyperaceae
Eryngium	DP		Apiaceae
Erythronium	В	corm	Liliaceae
Eucharis	В	bulb	Liliaceae
Eucomis	В	bulb	Liliaceae
Eupatorium	DP		Asteraceae
Euphorbia	DP		Euphorbiaceae
Eurycles =Proiphys	В	bulb	Liliaceae
Eustephia	В	bulb	Liliaceae
Eustylis	В	bulb	Iridaceae
Fallopia = Polygonum, other than rhizome	DP		Polygonaceae

TABLE 7: : List of Bulbs (B) and Underground Portions of Dormant Perennials (DP)

Scientific Name	Bulb, B or Dormant Perennial, DP	Propagule	Family
Ferraria	В	corm	Iridaceae
Filipendula	DP		Rosaceae
Freesia	В	corm	Iridaceae
Fritillaria	В	bulb	Liliaceae
Funkia = Hosta, if rhizome	В	rhizome	Liliaceae
Funkia = Hosta, if root	DP		Liliaceae
Gagea	В	bulb	Liliaceae
Galanthus	В	bulb	Liliaceae
Galtonia	В	bulb	Liliaceae
Gaura	DP		Onagraceae
Geissorhiza	В	corm	Iridaceae
Geranium, other than rhizome or tuber	DP		Geraniaceae
Geranium, if rhizome or tuber	В	rhizome	Geraniaceae
Gesneria	DP		Gesneriaceae
Geum, other than rhizome	DP		Rosaceae
Geum, if rhizome	В	rhizome	Rosaceae
Gillenia	DP	division	Rosaceae
Gladiolus	В	corm	Iridaceae
Globba	В	rhizome	Zingiberaceae
Gloriosa	В	tuber	Liliaceae
Gloxinia	В	rhizome	Gesneriaceae
Griffinia	В	bulb	Liliaceae
Gunnera, if rhizome	В	rhizome	Gunneraceae
Gunnera	DP	stolon	Gunneraceae
Gypsophila	DP		Caryophyllaceae
Habenaria radiata = Pecteilis radiata	В	tuber	Orchidaceae
Habranthus	В	bulb	Liliaceae
Haemanthus	В	bulb	Liliaceae
Hastingsia = Schoenolirion	В	bulb	Liliaceae
Hedychium	В	rhizome	Zingiberaceae
Helenium	DP		Asteraceae
Helianthus, if fibrous roots or stolon	DP		Asteraceae
Helianthus, if rhizome or tuber	В	rhizome, tuber	Asteraceae
Helicodiceros	В	tuberous	Araceae
Heliopsis	DP		Asteraceae
Helleborus, if rhizome	В	rhizome	Ranunculaceae
Helleborus, other than rhizome	DP		Ranunculaceae
Helonias	В	tuber, rhizome	Liliaceae
Heloniopsis	В	rhizome	Liliaceae

TABLE 7: : List of Bulbs (B) and Underground Portions of Dormant Perennials (DP)

Scientific Name	Bulb, B or Dormant Perennial, DP	Propagule	Family
Hemerocallis, if rhizome	В	rhizome	Liliaceae
Hemerocallis, other than rhizome	DP		Liliaceae
Herbertia	В	bulb	Iridaceae
Hermodactylus	В	tuber	Iridaceae
Hesperantha	В	corm	Iridaceae
Hesperocallis	В	bulb	Liliaceae
Hessea	В	bulb	Liliaceae
Heuchera	DP		Saxifragaceae
Heucherella	DP	stolon	Saxifragaceae
Hexaglottis	В	corm	Iridaceae
Hippeastrum	В	bulb	Liliaceae
Homeria, prohibited as of 6/26/2000	В	corm	Iridaceae
Homoglossum	В	corm	Iridaceae
Hosta, if rhizome	В	rhizome	Liliaceae
Hosta, if thick roots	DP		Liliaceae
Hoteia = Astilbe	DP		Saxifragaceae
Hyacinthoides hispanica	В	bulb	Liliaceae
Hyacinthus		bulb	Liliaceae
Hydrotaenia = Tigridia	В	bulb	Iridaceae
Hyline	В	bulb	Liliaceae
Hymenocallis	В	bulb	Liliaceae
Hypoxis	В	rhizome, corm	Liliaceae
Incarvillea	DP		Bignoniaceae
Ipheion	В	bulb	Liliaceae
Iris pseudacorus	В	rhizome	Iridaceae
Iris	В	rhizome, bulb	Iridaceae
Ismene	В	bulb	Liliaceae
Isoloma = Kohleria	В	rhizome	Gesneriaceae
lxia	В	corm	Iridaceae
Ixiolirion	В	bulb	Liliaceae
Kaempferia, if rhizome	В	rhizome	Zingiberaceae
Kaempferia, if tuberous roots	DP	tuberous roots	Zingiberaceae
Kirengeschoma	В	rhizome	Hydrangeaceae
Knautia, except for K. integrifolia, K. macedonica, K. sylvatica	DP	division	Dipsacaceae
Kniphofia	В	rhizome	Aloeaceae
Kohleria	В	rhizome	Gesneriaceae
Lachenalia	В	bulb	Liliaceae
Lapeirousia	В	corm	Iridaceae

TABLE 7: : List of Bulbs (B) and Underground Portions of Dormant Perennials (DP)

Scientific Name	Bulb, B or Dormant Perennial, DP	Propagule	Family
Lavatera	DP		Malvaceae
Leucanthemum, except for L. myconis, L. paludosum, L. segetum	DP	division	Asteraceae
Leucocoryne	В	bulb	Liliaceae
Leucojum	В	bulb	Liliaceae
Liatris, if root crown	DP		Asteraceae
Liatris, if corm or rhizome	В	corm	Asteraceae
Ligularia	DP		Asteraceae
Lilium	В	bulb	Liliaceae
Liriope	В	bulb	Convallariaceae
Littonia	В	rhizome, tuber	Liliaceae
Lloydia	В	bulb	Liliaceae
Lobelia, except for L. affinis, L. angulata, L. cliffortiana, L. pratioides,L. purpurascens, L. radicans, L. trigona, L. trinitensis	DP	division	Campanulaceae
Lycoris	В	bulb	Liliaceae
Lysichiton	DP	division	Araceae
Lysimachia	DP		Primulaceae
Macleaya	DP		Papaveraceae
Malva	DP		Malvaceae
Manfreda, if fleshy roots	DP		Agavaceae
Manfreda, if rhizome	В	rhizome	Agavaceae
Massonia	В	bulb	Liliaceae
Meconopsis	DP	division	Papaveraceae
Melasphaerula	В	corm	Iridaceae
Mentha, except for M. australis, M. haplocalyx, M. microphylla, M. satureiodes, M. tomentosa	DP	division	Lamiaceae
Merendera = Colchicum	В	corm	Liliaceae
Mertensia	DP		Boraginaceae
Milla	В	corm	Liliaceae
Mirabillis	DP		Nyctaginaceae
Monarda	DP		Lamiaceae
Montbretia = Crocosmia x crocosmiflora	В	corm	Iridaceae
Moraea	В	corm	Iridaceae
Muilla	В	corm	Liliaceae
Muscari	В	bulb	Liliaceae
Myosotis, except for M. caespitosa and M. sicula	В	stolon	Boraginaceae
Naegelia = Smithiantha	В	rhizome	Gesneriaceae
Narcissus	В	bulb	Liliaceae
Nectaroscordum silculum	В	bulb	Liliaceae

TABLE 7: : List of Bulbs (B) and Underground Portions of Dormant Perennials (DP)

Scientific Name	Bulb, B or Dormant Perennial, DP	Propagule	Family
Nemastylis	В	bulb	Iridaceae
Nepeta	DP		Lamiaceae
Nerine	В	bulb	Liliaceae
Nomocharis	В	bulb	Liliaceae
Notholirion	В	bulb	Liliaceae
Nothoscordum	В	bulb	Liliaceae
Nymphaea	В	rhizome, tuber	Nymphaeaceae
Nymphaea, other than rhizome or tuber	DP		Nymphaeaceae
Oenothera	DP		Onagraceae
Omphalodes, if rhizome	В	rhizome	Boraginaceae
Omphalodes, if stolon	DP	stolon	Boraginaceae
Onixotis	В	corm	Liliaceae
Ophiopogon	DP	division	Convallariaceae
Ornithogalum	В	bulb	Liliaceae
Ostrowskia magnifica	DP	tuberous root	Campanulaceae
Oxalis	В	bulb, rhizome, or tuber	Oxalidaceae
Paeonia, herbac. only, other than rhizome	DP		Ranunculaceae
Paeonia, herbaceous spp. only, if rhizome	В	rhizome	Ranunculaceae
Pamianthe	В	bulb	Liliaceae
Pancratium	В	bulb	Liliaceae
Papaver	DP		Papaveraceae
Pasithea	В	rhizome	Liliaceae
Pecteilis radiata	В	tuber	Orchidaceae
Peltiphyllum	В	rhizome	Saxifragaceae
Penstemon	DP	Divisions	Scrophulariaceae
Persicaria = Polygonum, other than rhizome	DP		Polygonaceae
Persicaria = Polygonum, if rhizome	В	rhizome	Polygonaceae
Petasites, except for P. fragrans, P. spurious	DP	division	Asteraceae
Phaedranassa	В	bulb	Liliaceae
Phlox	DP		Polemoniaceae
Physalis alkekengi	В	rhizome	Solanaceae
Physostegia	DP	division	Lamiaceae
Placea	В	bulb	Liliaceae
Platycodon	DP		Campanulaceae
Polemonium, except for P. liniflorum, P. yezoense	DP		Polemoniaceae
Polianthes	В	rhizome	Agavaceae
Polygonatum	В	rhizome	Liliaceae
Polygonum, if rhizome	В	rhizome	Polygonaceae

TABLE 7: : List of Bulbs (B) and Underground Portions of Dormant Perennials (DP)

Scientific Name	Bulb, B or Dormant Perennial, DP	Propagule	Family
Polygonum, other than rhizome	DP		Polygonaceae
Pontederia, except for P. rotundifolia	В	tuber	Pontederiaceae
Potentilla, other than rhizome	DP		Rosaceae
Potentilla, if rhizome	В	rhizome	Rosaceae
Primula, except for P. obconica, P. scotica, P. vulgaris	DP		Primulaceae
Prochnyanthes	В	tuber	Agavaceae
Proiphys	В	bulb	Liliaceae
Prunella, except for P. grandiflora, P. hyssopifolia	DP	division	Lamiaceae
Pulmonaria	DP	creeping root	Boraginaceae
Pulsatilla, pasque flowers	DP		Ranunculaceae
Puschkinia	В	bulb	Liliaceae
Pyrolirion	В	bulb	Liliaceae
Quamasia = Camassia	В	bulb	Liliaceae
Ranunculus	DP	tuberous root	Ranunculaceae
Rechsteineria = Sinningia	В	tuber, rhizome	Gesneriaceae
Rheum	DP	division	Polygonaceae
Rhodohypoxis	В	tuber, rhizome	Liliaceae
Rhodophiala = Hippeastrum	В	bulb	Liliaceae
Rigidella	В	corm	Iridaceae
Rodgersia	В	rhizome	Saxifragaceae
Romulea	В	corm	Iridaceae
Roscoea	DP	fleshy roots	Zingiberaceae
Rudbeckia, other than rhizome	DP		Asteraceae
Rudbeckia, if rhizome	В	rhizome	Asteraceae
Salpingostylis =lxia or Sphenostigma	В	corm	Iridaceae
Salvia	DP		Lamiaceae
Sandersonia	DP	tuberous roots	Liliaceae
Sanguisorba	DP		Rosaceae
Saponaria, if rhizome	В	rhizome	Caryophyllaceae
Saponaria, other than rhizome	DP		Caryophyllaceae
Sauromatum	В	tuber	Araceae
Saxifraga granulata	В	bulbil	Saxifragaceae
Scadoxus multiflorus	В	bulb	Liliaceae
Schizobasopsis = Bowiea	В	bulb	Liliaceae
Schizostylis	В	rhizome	Iridaceae
Scilla	В	bulb	Liliaceae
Sedum, other than rhizome	DP		Crassulaceae
Sedum, if rhizome	В	rhizome	Crassulaceae
Sidalcea, if rhizome	В	rhizome	Malvaceae

TABLE 7: : List of Bulbs (B) and Underground Portions of Dormant Perennials (DP)

Scientific Name	Bulb, B or Dormant Perennial, DP	Propagule	Family
Sidalcea, other than rhizome	DP		Malvaceae
Sinningia	В	tuber, rhizome	Gesneriaceae
Smilacina, except for S. japonica	В	rhizome	Convallariaceae
Smithiantha	В	rhizome	Gesneriaceae
Solidago, if rhizome	В	rhizome	Asteraceae
Solidago, other than rhizome	DP		Asteraceae
Solidaster	DP	clump division	Asteraceae
Sparaxis	В	corm	Iridaceae
Spiloxene	В	bulb	Liliaceae
Sprekelia	В	bulb	Liliaceae
Stachys, if tuberous roots	DP		Lamiaceae
Stachys, if tuber	В	tuber	Lamiaceae
Stenanthium	DP	bulbous base	Liliaceae
Stenomesson	В	bulb	Liliaceae
Sternbergia	В	bulb	Liliaceae
Streptanthera	В	corm	Iridaceae
Symphytum	DP	tuberous roots	Boraginaceae
Synnotia	В	corm	Iridaceae
Tecophilaea tomosonia	В	corm	Liliaceae
Thalictrum, if rhizome	В	rhizome	Ranunculaceae
Thalictrum, other than rhizome	DP		Ranunculaceae
Tiarella	В	rhizome	Saxifragaceae
Tigridia	В	corm	Iridaceae
Tradescantia, other than rhizome	DP		Commelinaceae
Tradescantia, if rhizome	В	rhizome	Commelinaceae
Trichopetalum	DP	fleshy roots	Liliaceae
Tricyrtis	В	rhizome	Liliaceae
Trimezia	В	corm	Iridaceae
Tristagma	В	corm	Liliaceae
Triteleia	В	corm	Liliaceae
Tritonia	В	corm	Iridaceae
Trollius	DP	root, division	Ranunculaceae
Tropaeolum tuberosum	В	tuber	Tropaeolaceae
Tulbaghia	В	tuber, corm	Liliaceae
Tulipa	В	bulb	Liliaceae
Tydaea = Kohleria gigantea	В	rhizome	Gesneriaceae
Typha	DP	creeping rootstock	Typhaceae
Urceocharis = Eucharis x Urceolina	В	bulb	Liliaceae
Urceolina	В	bulb	Liliaceae

TABLE 7: : List of Bulbs (B) and Underground Portions of Dormant Perennials (DP)

Scientific Name	Bulb, B or Dorma Perennial, DP	nt Propagule	Family
Urginea	В	bulb	Liliaceae
Uvularia	DP	division	Colchicaceae
Vagaria	В	bulb	Liliaceae
Vallota	В	bulb	Liliaceae
Veltheimia	В	bulb	Liliaceae
Verbascum	DP		Scrophulariaceae
Veronica, if rhizome	В	rhizome	Scrophulariaceae
Veronica, other than rhizome	DP		Scrophulariaceae
Veronicastrum, except for V. sibericum	DP		Scrophulariaceae
Watsonia	В	corm	Iridaceae
Zantedeschia	В	rhizome	Araceae
Zephyranthes	В	bulb	Liliaceae
Zigadenus	В	bulb, rhizome	Liliaceae
Zingiber	В	rhizome	Zingiberaceae
Zygadenus = Zigadenus	В	bulb, rhizome	Liliaceae

Procedures for Clearing Small Shipments of Nursery Stock Other Than Flower Bulbs or Precleared Dormant Perennials from Other than Canada

This portion of the job aid is to enable CBPAS to clear small shipments (12 or **fewer** total articles) of generally admissible nursery stock.



Nursery stock **other than** flower bulbs and seed includes plants for planting and propagative structures such as air-layers, buds and budwood, divisions, dormant perennials, leaf and stem cuttings (rooted and unrooted) grafts, layers, scions, shrubs, trees, and vines.

Step 1—Use the Summary of Nursery Stock Restrictions to determine whether the article is admissible and any conditions of entry: TABLE 8: Screening the Shipment Using the Summary of Nursery Stock Restrictions

If the plant			And there		
is:	And:	And:	are:	Then:	
Prohibited ¹	Is accompanied by a Departmental Permit or PPQ Form 526 (Plant Pest Permit)		-	SECURE the package REFER the plant or plant part and documents to a Plant Inspection Station	
	Lacks a permit		-	PROHIBIT ENTRY ²	
Admissible	Is accompanied	Is postentry		1. COLLECT the	
	by a phytosanitary certificate	Requires treatment		accompanying phytosanitary certificate and/or other	
		Has special certification requirements (7 CFR 319.37-5 or 7CFR 319.37-8(e)	-	certification 2. REFER the plant or plant part and documents to a Plant Inspection Station	
		Is CITES or ESA		1. COLLECT the accompanying phytosanitary certificate, APHIS PPQ Permit, and/or other accompanying documents 2. REFER the plant or plant part and documents to a Plant Inspection Station	
		Is unlisted in the "List of	12 or fewer articles	CONTINUE to Step 2	
		Regulated Propagative Material" or meets none of the criteria identified in the cells above	13 or more articles	1. COLLECT the accompanying phytosanitary certificate, APHIS Permit, and/or other documentation 2. REFER the plant or plant part and documents to a Plant Inspection Station	
	Lacks a phytosanitary certificate		-	PROHIBIT ENTRY ²	

¹ Make sure that you check out the plant family too. For example, all plants belonging to the following families are prohibited:

Fabaceae (herbaceous Genera only)

Poaceae

Rutaceae

2 If appropriate, issue a PPQ Form 523, Emergency Action Notification.

Step 2—Examine the plant or plant part(s). Look for pests and symptoms of disease.

TABLE 9: Taking Action Based upon Inspection of the Plant or Plant Part(s) Free from Growing Media

If the plant or plant part is:	And from a country:	And:	And:	Then:
Rooted	Affected with potato cyst	With required certification ²	Free from pests and disease	CONTINUE to Table 10
	nematodes ¹		Affected with pests or disease	PREPARE and SUBMIT the intercepted pest or disease sample for identification
				REFER to the appropriate area identifier
				3. HOLD the shipment pending identification
		Lacks required certification		PROHIBIT ENTRY ³
	Free from potato cyst nematodes ¹	-	Free from pests and disease	CONTINUE to Table 10
			Affected with pests or disease	PREPARE and SUBMIT the intercepted pest or
Unrooted (cutting)		-	Affected with pests or disease	disease sample for
				REFER to the appropriate area identifier
				3. HOLD the shipment pending identification
		-	Free from pests and disease	CONTINUE to Table 11

1 Countries affected with the potato cyst nematodes (including the golden nematode) are as follows: Algeria, Argentina, Armenia, Australia, Austria, Azerbaijan, Azores, Belarus, Bolivia, Bulgaria, Channel Islands, Chile, Colombia, Costa Rica, Crete, Cyprus, Czechoslovakia, Denmark (including Faeroe Islands), Ecuador, Egypt, Estonia, Germany, Finland, France, Georgia, Great Britain, Greece, Guernsey, Hungary, Iceland, India, Indonesia, Ireland, Italy, Japan, Jersey, Jordan, Kazakhstan, Kyrgyzstan, Latvia, Lebanon, Lithuania, Luxembourg, Malta, Mexico, Moldova, Morocco, New Zealand, Northern Ireland, Norway, Pakistan, Panama, Peru, the Philippines, Poland, Portugal, Spain (including Canary Islands), Russia, Sweden, Switzerland, Tajikistan, Timor-Leste, Tunisia, Turkmenistan, Ukraine, Uzbekistan, Venezuela, and Yugoslavia

- 2 Accompanied by an additional declaration on the photosanitary certificate that states that such article was grown on land that has been sampled and microscopically inspected by the plant protection organization of the country in which grown within 12 months preceding issuance of the certificate and found free from potato cyst nematodes, *Globodera rostochiensis* (Woll.) Behrens and *G. pallida* (Stone) Behrens
- 3 If a commercial shipment, consider issuing a PPQ Form 523, Emergency Action Notification.

Step 3—Decide whether the plant or plant part(s) is within prescribed size and age limits.

Older plants have had more time to acquire the pests occurring in their environment. The difficulty of inspection and likelihood of missing quarantine pests increase with the size and age of the inspected plant. Use the following table to apply size and age limitations:

TABLE 10: Determining Whether A Plant or Root Clump Is Within Acceptable Limits

If the plant type is:	And grown from:	And:	Then:
Azaleas, barberry,	Seed	3 years old or younger	RELEASE
boxwood, rhododendrons,		More than 3 years old	PROHIBIT ENTRY ²
skimmia or any other slow growing plants ¹	A layer	12 inches or shorter from the soil line	RELEASE
		More than 12 inches from the soil line	PROHIBIT ENTRY ²
Artificially dwarfed (bonsa)i ³			◆ ARTICLE SHOULD HAVE BEEN SENT TO A PLANT INSPECTION STATION
			◆ RETURN to Table 8
Naturally dwarfed		12 inches or shorter from the soil line	RELEASE
		More than 12 inches from the soil line	PROHIBIT ENTRY ²
A palm		The stem plus the leaves is 36 inches or less	RELEASE
		The stem plus the leaves is more than 36 inches	PROHIBIT ENTRY ²
Woody ⁴ tree or shrub	A bud, a cutting, a	2 years old or younger	RELEASE
other than above	graft, or a seed	More than 2 years old	PROHIBIT ENTRY ²
	A layer	1 year old or younger	RELEASE
		More than one year old	PROHIBIT ENTRY ²
A plant that simulates the habits of a woody plant ⁵		18 inches or shorter from the soil line to the farthest growing point	RELEASE
		More than 18 inches from the soil line to the farthest growing point	PROHIBIT ENTRY ²
Root crown or root clump (dormant	_	4 inches or less in diameter	RELEASE
herbaceous perennials devoid of leaves		More than 4 inches in diameter	PROHIBIT ENTRY ²
A cutting		-	CONTINUE to Table 11

¹ In general, shrubs are slow growing (in contrast to trees). If you have doubt about whether a plant is slow growing, refer to the nearest Plant Inspection Station.

 $^{2\,}$ $\,$ If a commercial shipment, consider issuing a PPQ Form 523, Emergency Action Notification.

An artificially dwarfed, ornamentally shaped tree or shrub that exceeds two years of growth.

⁴ A plant having hard lignified tissues or woody parts especially stems.

5 Monocots which don't produce true wood (for example, palms, grass-trees, bamboo, pandans, and yuccas) but which grow as trees

TABLE 11: Determining Whether A Cutting Is Within Acceptable Limits

If the plant type is:	And a:	And the cutting is:	Then:
Epiphytic ¹	piphytic ¹		RELEASE
		Longer than 6 feet or more than 4 inches in diameter	PROHIBIT ENTRY ²
Non-epiphytic Cactus	Cactus	4 feet long or shorter and 6 inches or less in diameter	RELEASE
		Longer than 4 feet or more than 6 inches in diameter	PROHIBIT ENTRY ²
	Other than a cactus	6 feet long or shorter and 4 inches or less in diameter	RELEASE
		Longer than 6 feet or more than 4 inches in diameter	PROHIBIT ENTRY ²

¹ A plant that instead of growing in soil usually grows on another plant and derives moisture and nutrients from the air and rain. Epiphytes include air plants, most bromeliads, most orchids, and some succulents

² If a commercial shipment, consider issuing a PPQ Form 523, Emergency Action Notification.