

List of quarantine pests of Georgia

Section I. List A1

Chapter 1. Insects and mites

1. *Aceria sheldoni* Ewing.
2. *Agrilus planipennis* Fainmaire
3. *Aleurocanthus woglumi* Ashby.
4. *Anastrepha fraterculus*
5. *Anastrepha ludens*
6. *Anastrepha suspensa*
7. *Anoplophora glabripennis* Mots.
8. *Anthonomus bisignifer*
9. *Anthonomus signatus*
10. *Arrhenodes minutus* (as a putative vector of *Ceratocystis fagacearum*)
11. *Bemisia tabaci* Gen.
12. *Bactericera cockerelli* (as a vector of *Liberibacter solanacearum*)
13. *Bactrocera cucurbitae*
14. *Bactrocera dorsalis*
15. *Blitopertha orientalis*
16. *Callosobruchus analis* L.
17. *Callosobruchus chinensis* L.
18. *Callosobruchus maculatus* F.
19. *Carposina sasakii* Mat.
20. *Carneocephala fulgida* (as vector of *Xylella fastidiosa*)
21. *Ceratitidis capitata* (Wied.)
22. *Ceratitidis rosa*
23. *Choristoneura conflictana*
24. *Choristoneura rosaceana*
25. *Conotrachelus nenuphar*
26. *Cydia prunivora*
27. *Dendrolimus sibiricus*
28. *Dendrolimus superans*
29. *Diabrotica barberi*
30. *Diabrotica speciosa*
31. *Diabrotica undecimpunctata undecimpunctata*
32. *Diabrotica virgifera virgifera*
33. *Diaphorina citri* (as vector of *Liberobacter* spp.)
34. *Draeculacephala minerva* (as vector of *Xylella fastidiosa*)
35. *Epitrix tuberis*
36. *Epitrix subcriniata*
37. *Frankliniella occidentalis*
38. *Graphocephala atropunctata* (as vector of *Xylella fastidiosa*)
39. *Helicoverpa zea*
40. *Heteronychus arator*
41. *Homalodisca vitripennis* (= *H. coagulata* - vector of *Xylella fastidiosa*)
42. *Ips calligraphus*
43. *Ips confusus* & *I. paraconfusus*
44. *Ips grandicollis*
45. *Ips lecontei*
46. *Ips pini*
47. *Ips plastographus*
48. *Keiferia lycopersicella*
49. *Leucinodes orbonalis*
50. *Liriomyza trifolii*

51. *Listronotus bonariensis*
52. *Lymantria dispar* L.
53. *Malacosoma americanum*
54. *Malacosoma disstria*
55. *Margarodes vitis*
56. *Megaplatypus mutatus*
57. *Melanotus communis*
58. *Metamasius hemipterus*
59. *Monochamus* spp. (vectors of *B. xylophilus*)
60. *Monochamus alternatus*
61. *Monochamus carolinensis*
62. *Monochamus marmorator*
63. *Monochamus mutator*
64. *Monochamus nitens*
65. *Monochamus notatus*
66. *Monochamus obtusus*
67. *Monochamus scutellatus*
68. *Monochamus titillator*
69. *Myndus crudus* (putative vector of palm lethal yellowing phytoplasma)
70. *Naupactus leucoloma*
71. *Nemorimyza maculosa*
72. *Oemona hirta*
73. *Oligonychus perditus*
74. *Opogona sacchari*
75. *Paysandisia archon*
76. *Parabemisia myricae*
77. *Pheletes californicus*
78. *Pissodes nemorensis*
79. *Popillia japonica*
80. *Premnotrypes latithorax*
81. *Premnotrypes suturicallus*
82. *Premnotrypes vorax*
83. *Pseudopityophthorus minutissimus* (as putative vectors of *Ceratocystis fagacearum*)
84. *Pseudopityophthorus pruinosis* (as putative vectors of *Ceratocystis fagacearum*)
85. *Rhagoletis mendax*
86. *Rhagoletis pomonella*
87. *Rhynchophorus palmarum*
88. *Rhynchophorus ferrugineus*
89. *Saperda candida*
90. *Scaphoideus luteolus* (vector of Elm phloem necrosis phytoplasma)
91. *Scirtothrips aurantii*
92. *Scirtothrips citri*
93. *Spodoptera eridania*
94. *Spodoptera frugiperda*
95. *Spodoptera littoralis*
96. *Spodoptera litura*
97. *Thrips palmi*
98. *Toxoptera citricidus*
99. *Trogoderma granarium*
100. *Unaspis citri*
101. *Unaspis yanonensis*
102. *Pseudococcus calceolariae*
103. *Ceroplastes japonicas*
104. *Lopholeucaspis japonica*

Chapter 2. Diseases causative agents of plants

1. Fungus

1. *Alternaria mali*
2. *Ceratocystis fagacearum* (and its putative vectors *Arrhenodes minutus*, *Pseudopityophthorus minutissimus* and *P. pruinosus*)
3. *Cochliobolus heterostrophus* Drechsler
4. *Cronartium quercuum*
5. *Diaporthe helianthi*
6. *Didymella ligulicola*; (*Mycosphaerella chrysphaerella*)
7. *Guignardia citricarpa*
8. *Gymnosporangium yamadae*
9. *Melampsora medusae*
10. *Mycosphaerella gibsonii*
11. *Phaeoramularia angolensis*
12. *Phellinus weirii*
13. *Phialophora cinerescens*
14. *Phymatotrichopsis omnivora*
15. *Puccinia hemerocallidis*
16. *Puccinia horiana*
17. *Stegophora ulmea*
18. *Stenocarpella macrospora*
19. *Stenocarpella maydis*
20. *Tilletia indica*
21. *Diaporthe phaseolorum* Sac. Var. *Caulivora*
22. *Synchytrium endobioticum*

2. Bacterias and phytoplasmas

1. *Pseudomonas syringae* pv. *Actinidiae*
2. *Liberibacter africanum*
3. *Liberibacter solanacearum* (Solanaceae haplotypes)
4. *Liberibacter asiaticum*
5. Ca. *Phytoplasma ulmi*' (Elm phloem necrosis)
6. *Xylella fastidiosa*
7. *Clavibacter michiganensis* subsp. *insidiosus*
8. *Clavibacter michiganensis* subsp. *michiganensis*
9. *Clavibacter michiganensis* subsp. *sepedonicus*
10. *Curtobacterium flaccumfaciens* pv. *flaccumfaciens*
11. Ca. *Phytoplasma mali* (Apple proliferation phytoplasma)
12. *Pseudomonas syringae* pv. *persicae*
13. *Xanthomonas arboricola* pv. *corylina*
14. *Xanthomonas arboricola* pv. *pruni*
15. *Xanthomonas axonopodis* pv. *vesicatoria* and *Xanthomonas vesicatoria*
16. *Xanthomonas fragariae*
17. *Xanthomonas campestris* (Pammel) Dowson pv. *citri* (Hasse) Day 1978.
18. Grapevine flavescence dorée phytoplasma
19. *Clavibacter tritici* (Carlson and Viderer) Davis
20. *Erwinia amylovora* (Burrill) Winslow et al
21. *Erwinia stewartii* (Smith) Dye
22. *Pseudomonas caryophylli* (Burkholder Starv and Burkholder)
23. *Xylophilus ampelinus* (Panogopoulos) Willems et al. (= *Xanthomonas ampelina* (Panogopoulos))

3. Viruses

1. Chrysanthemum stem necrosis virus (Tospovirus)
2. Citrus blight disease
3. Citrus mosaic virus (Badnavirus)
4. Citrus tatter leaf virus (Capillovirus)
5. Peach rosette mosaic virus
6. Chrysanthemum stunt viroid
7. Cucumber vein yellowing virus (Ipomovirus)
8. Cucurbit yellow stunting disorder virus (Crinivirus)
9. Impatiens necrotic spot virus (Tospovirus)
10. Pepino mosaic virus (Potexvirus)
11. Potato spindle tuber viroid (Pospiviroid)
12. Raspberry ringspot virus (Nepovirus)
13. Satsuma dwarf virus (Sadwavirus)
14. Tomato chlorosis virus (Crinivirus)
15. Tomato infectious chlorosis virus (Crinivirus)
16. Tomato ringspot virus (Nepovirus)
17. American plum line pattern virus
18. Barley stripe mosaic hordeivirus
19. Plum pox potyvirus
20. Peach latent mosaic viroid
21. Potato yellow dwarf rhabdovirus

Chapter 3. Nematodes

1. *Anguina tritici* (Steinbuch, 1799), Filipjev, 1936
2. *Bursaphelenchus xylophilus*(Steiner et Burher, 1934) Nickle, 1970
3. *Globodera pallida* (Stone, 1973) Behrens, 1975
4. *Meloidogyne fallax* Karssen, 1996
5. *Meloidogyne Chitwood* Golden, o'Bannon Santo et Finley, 1980
6. *Meloidogyne enterolobii* Baojun Yang and D. Eisenback
7. *Nacobbus aberrans* (Thorne, 1935) Thorne et Allen
8. *Heterodera glicines* Ichinohe, 1952
9. *Radopholus similis* (Cobb, 1983) Thorne, 1949
10. *Xiphinema americanum sensu stricto* Cobb 1913
11. *Xiphinema bricolense* Ebsary, Vrain & Graham, 1989
12. *Xiphinema californicum* Lamberti & Bleve-Zacheo, 1979
13. *Xiphinema rivesi rivesi* Dalmaso, 1969

Chapter 4. Weeds and Invasive plants

1. *Aeshinomene virginica* /L/ B.S.P.
2. *Aeschynomene indica* /L/ B.S.P.
3. *Ambrosia psilostachya* D.C
4. *Diodia teres* Walt.
5. *Emex spinosa* L.
6. *Emex australis* Stein
7. *Euphorbia dentata* Michx
8. *Helianthus* Sp.Sp.
9. *Iva axillaris* Pursh.
10. *Cassia occidentalis* L.
11. *Cassia tora* L.
12. *Croton capitatus* Michx.
13. *Polygonum pensylvanicum* L.
14. *Raimannia laciniata* L.
15. *Sida spinosa* L.

16. *Solanum rostratum* Dun.
17. *Solanum triflorum* Nitt.
18. *Striga* sp. sp
19. *Crassula helmsii*
20. *Eichhornia crassipes*
21. *Ludwigia peploides* & *Ludwigia grandiflora*
22. *Pueraria lobata*
23. *Solanum elaeagnifolium*

Section II. A2

Chapter 5. Insects and mites

1. *Ceroplastes japonicus* Green.
2. *Dialeurodes citri* Riley.
3. *Quadraspidiotus perniciosus* Comst.
4. *Hyphantria cunea* Drury.
5. *Liriomyza huidobrensis* Blanch.
6. *Lopholeucaspis japonica* Ckll.
7. *Phthorimaea operculella* Zell.
8. *Phyllocnistis citrella* Stair.
9. *Pseudococcus comstocki* Kuw.
10. *Pseudococcus gahani* Green.
11. *Pseudaulacaspis pentagona* Targ.
12. *Tuta absoluta*
13. *Viteus vitifolae* (Fitch)

Chapter 6. Diseases causative agents of plants

1. Fungus

- a) *Diaporthe phaseolorum* Sac. var. *Caulivora* (Athow et Cald);
- b) *Synchytrium endobioticum* (Schilb) Perc.

2. Bacterias and phytoplasmas

Ralstonia solanacearum (Smith) Jabuuchi et al.

3. Viruses

Citrus tristeza closterovirus.

Chapter 7. Nematodes

Globodera rostochiensis (Wollenweber) Behrens.

Chapter 8. Weeds and Invasive plants

1. *Ambrosia trifida* L.
2. *Acroptilon repens* D.C.
3. *Cenchrus pauciflorus* Benth
4. *Solanum carolinense*