

QUARANTINE PESTS LISTS

A1 LIST

QUARANTINE PESTS NOT KNOWN TO OCCUR IN THE TERRITORY OF THE REPUBLIC OF CROATIA

I. VIRUSES

1. Apple mosaic ilarvirus (in *Rubus*)
2. Barley stripe mosaic hordeivirus
3. Bean golden mosaic begomovirus
4. Beet leaf curl ?rhabdovirus
5. Black raspberry latent ilarvirus
6. Blueberry leaf mottle nepovirus
7. Cherry leaf roll nepovirus (in *Rubus*)
8. Cherry little cherry disease
9. Cherry necrotic rusty mottle disease
10. Cherry rasp leaf nepovirus
11. Chrysanthemum stunt viroid
12. Citrus blight disease
13. Citrus leprosis ?rhabdovirus
14. Citrus mosaic badnavirus
15. Citrus tatter leaf capillovirus
16. Coconut cadang-cadang viroid
17. Impatiens necrotic spot tospovirus
18. Lettuce infectious yellows ?closterovirus
19. Peach American mosaic ?closterovirus
20. Peach rosette mosaic nepovirus
21. Plum American line pattern ilarvirus
22. Potato spindle tuber viroid
23. Virusi krumpira (non-European)
 - a) Potato Andean latent tymovirus
 - b) Potato Andean mottle comovirus
 - c) Potato black ringspot nepovirus
 - d) Potato T trichovirus
 - e) Potato yellow dwarf nucleorhabdovirus
 - f) Potato yellow vein ?crinivirus
 - g) Potato yellowing alfamovirus
24. Raspberry leaf curl ?luteovirus
25. Raspberry ringspot nepovirus
26. Satsuma dwarf ?nepovirus
27. Squash leaf curl begomovirus
28. Strawberry crinkle rhabdovirus
29. Strawberry latent C ?rhabdovirus
30. Strawberry mild yellow edge disease
31. Strawberry veinbanding caulimovirus
32. Tobacco ringspot nepovirus
33. Tomato black ring nepovirus
34. Tomato mottle begomovirus (and other American Geminiviruses of capsicum and tomato)
35. Tomato yellow leaf curl begomovirus
36. Watermelon silver mottle tospovirus

II. PROKARYOTES

1. Apricot chlorotic leafroll phytoplasma
2. *Burkholderia caryophylli* (Burkholder) Yabuuchi *et al.* (= *Pseudomonas caryophylli*)
3. *Clavibacter michiganensis* (Smith) Davis *et al.* ssp. *insidiosus* (McCulloch) Davis *et al.* (= *Corynebacterium insidiosum*)
4. *Clavibacter michiganensis* (Smith) Davis *et al.* ssp. *sepedonicus* (Spieckermann & Kotthoff) Davis *et al.* (= *Corynebacterium michiganense*)
5. *Curtobacterium flaccumfaciens* pv. *flaccumfaciens* (Hedges) Collins & Jones (= *Corynebacterium flaccumfaciens*)
6. Elm phloem necrosis phytoplasma and vector *Scaphoideus luteolus* van Duzee /Cicadellidae/
7. *Erwinia chrysanthemi* Burkholder *et al.*
8. Grapevine flavescence dorée phytoplasma
9. *Liberobacter africanum* i *Liberobacter asiaticum*
10. Palm lethal yellowing phytoplasma
11. *Pantoea stewartii* (Smith) Mergaert *et al.* (= *Erwinia stewartii*)
12. Peach rosette phytoplasma
13. Peach X-disease phytoplasma
14. Peach yellows phytoplasma
15. Potato purple-top wilt phytoplasma
16. *Pseudomonas syringae* Van Hall pv. *persicae* (Prunier *et al.*) Young *et al.*
17. *Ralstonia solanacearum* (Smith) Yabuuchi *et al.* (= *Pseudomonas solanacearum*)
18. Strawberry witches broom phytoplasma
19. *Xanthomonas arboricola* pv. *corylina* (Miller *et al.*) Vauterin *et al.* (= *Xanthomonas campestris* pv. *corylina*)
20. *Xanthomonas arboricola* pv. *pruni* (Smith) Vauterin *et al.* (= *Xanthomonas campestris* pv. *pruni*)
21. *Xanthomonas axonopodis* pv. *citri* (Hasse) Vauterin *et al.* (= *Xanthomonas campestris* pv. *citri*)
22. *Xanthomonas axonopodis* pv. *dieffenbachiae* (McCulloch & Pirone) Vauterin *et al.* (= *Xanthomonas campestris* pv. *dieffenbachiae*)
23. *Xanthomonas axonopodis* pv. *phaseoli* (Smith) Vauterin *et al.* (= *Xanthomonas campestris* pv. *phaseoli*)
24. *Xanthomonas fragariae* Kennedy & King
25. *Xanthomonas oryzae* pv. *oryzae* (Ishiyama) Swings *et al.*
26. *Xanthomonas oryzae* pv. *oryzicola* (Fang *et al.*) Swings *et al.*
27. *Xanthomonas populi* (Ridé) Ridé & Ridé
28. *Xanthomonas translucens* pv. *translucens* (Jones *et al.*) Vauterin *et al.*
29. *Xanthomonas vesicatoria* (ex Doidge) Vauterin *et al.*
30. *Xylella fastidiosa* Wells *et al.* (= Peach phony RLO)
31. *Xylophilus ampelinus* (Panagopoulos) Willems *et al.* (= *Xanthomonas ampelina*)

III. FUNGI

1. *Alternaria mali* Roberts
2. *Anisogramma anomala* (Peck) E. Müller
3. *Apiosporina morbosa* (Schweinitz) von Arx (= *Dibotryon morbosum*)
4. *Atropellis pinicola* Zeller & Goodding
5. *Atropellis piniphila* (Weir) Lohman & Cash
6. *Botryosphaeria loricina* (K. Sawada) Y. Zhong (= *Guignardia loricina*)
7. *Ceratocystis fagacearum* (Bretz) Hunt and vectors:
Pseudopityophthorus minutissimus (Zimmermann) /Scolytidae/
Pseudopityophthorus pruinosis (Eichhoff) /Scolytidae/
8. *Ceratocystis fimbriata* Ellis & Halsted f.sp. *platani* Walter

9. *Chrysomyxa arctostaphyli* Dietel
10. *Cochliobolus heterostrophus* (Drechsler) Drechsler (= *Helminthosporium maydis*)
11. *Cronartium* spp. (non-European):
 - a) *Cronartium coleosporioides* J.C. Arthur
 - b) *Cronartium comandrae* Peck
 - c) *Cronartium comptoniae* J.C. Arthur
 - d) *Cronartium fusiforme* Hedgcock & Hunt ex Cummins
 - e) *Cronartium himalayense* Bagchee
 - f) *Cronartium kamtschaticum* Jørstad
 - g) *Cronartium quercuum* (Berkeley) Miyabe ex Shirai
12. *Didymella ligulicola* (K.F. Baker, Dimock & L.H. Davis) von Arx (= *D. crhysanthemi*)
13. *Endocronartium harknessii* (J.P. Moore) Y. Hiratsuka (= *Cronartium harknessii*)
14. *Guignardia citricarpa* Kiely (= *Phoma citricarpa*)
15. *Gymnosporangium* spp. (non-European):
 - a) *Gymnosporangium asiaticum* Miyabe ex Yamada
 - b) *Gymnosporangium clavipes* (Cooke & Peck) Cooke & Peck
 - c) *Gymnosporangium globosum* (Farlow) Farlow
 - d) *Gymnosporangium juniperi-virginianae* Schwein
 - e) *Gymnosporangium yamadae* Miyabe ex Yamada
16. *Melampsora farlowii* (J.C. Arthur) J.J. Davis
17. *Melampsora medusae* Thümen
18. *Monilinia fructicola* (Winter) Honey
19. *Mycosphaerella gibsonii* H.C. Evans (= *Cercospora pini-densiflorae*)
20. *Mycosphaerella laricis-leptolepidis* K. Ito, K. Sato & M. Ota
21. *Mycosphaerella populorum* G.E. Thompson
22. *Ophiostoma wageneri* (Goheen & Cobb) Harrington
23. *Phellinus weirii* (Murrill) R.L. Gilbertson (= *Inonotus weirii*)
24. *Phialophora gregata* (Allington & Chamberlain) W. Gams
25. *Phoma andina* Turkensteen
26. *Phyllosticta solitaria* Ellis & Everhart
27. *Phymatotrichopsis omnivora* (Duggar) Hennebert (= *Trechispora brinkmannii*)
28. *Phytophthora fragariae* Hickman var. *fragariae* Wilcox & Duncan
29. *Phytophthora fragariae* Hickman var. *rubi* Wilcox & Duncan
30. *Phytophthora megasperma* Drechsler f.sp. *glycines* Kuan & Erwin
31. *Puccinia pittieriana* P. Hennings
32. *Septoria lycopersici* Spegazzini var. *malagutii* Ciccarone & Boerema
33. *Stenocarpella macrospora* (Earle) Sutton (= *Diplodia macrospora*)
34. *Stenocarpella maydis* (Berkeley) Sutton (= *Diplodia zaeae*)
35. *Synchytrium endobioticum* (Schilbersky) Percival
36. *Thecaphora solani* (Thirumulachar & O'Brien) Mordue (= *Angiosorus solani*)
37. *Tilletia indica* Mitra (= *Neovossia indica*)
38. *Uromyces transversalis* (Thümen) Winter
39. *Verticillium albo-atrum* Reinke & Berthold (on hop)
40. *Verticillium dahliae* Klebahn (on hop)

IV. PARASITIC PLANTS

1. *Arceuthobium* spp. (non-European):
 - a) *Arceuthobium abietinum* Engelmann ex Munz
 - b) *Arceuthobium americanum* Nuttall ex Engelmann
 - c) *Arceuthobium campylopodum* Engelmann
 - d) *Arceuthobium douglasii* Engelmann
 - e) *Arceuthobium laricis* (Piper) St. John
 - f) *Arceuthobium minutissimum* J.D. Hooker
 - g) *Arceuthobium occidentale* Engelmann
 - h) *Arceuthobium pusillum* Peck
 - i) *Arceuthobium tsugense*
 - j) *Arceuthobium vaginatum* (Willdenow) Presl

V. NEMATODES

1. *Aphelenchoides besseyi* Christie
2. *Bursaphelenchus xylophilus* (Steiner & Buhrer) Nickle and vectors:
 - Monochamus alternatus* Hope /Cerambycidae/
 - Monochamus carolinensis* (Olivier)
3. *Heterodera glycines* Ichinohe
4. *Meloidogyne chitwoodi* Golden, O'Bannon, Santo & Finley
5. *Meloidogyne fallax* Karssen
6. *Nacobbus aberrans* (Thorne) Thorne & Allen (*sensu lato*)
7. *Radopholus citrophilus* Huettel *et al.*
8. *Radopholus similis* (Cobb) Thorne
9. *Xiphinema americanum* Cobb (*sensu lato*)
10. *Xiphinema bricolense* Ebsary, Vrain & Graham
11. *Xiphinema californicum* Lamberti & Bleve-Zacheo
12. *Xiphinema rivesi* Dalmaso

VI. INSECTS

1. *Acleris variana* (Fernald) i *A. gloverana* (Walsingham)
2. *Aculops fuchsiae* Keifer
3. *Aleurocanthus spiniferus* (Quaintance)
4. *Aleurocanthus woglumi* Ashby
5. *Amauromyza maculosa* (Malloch)
6. *Anastrepha* spp. (non-European species):
 - a) *Anastrepha fraterculus* (Wiedemann)
 - b) *Anastrepha ludens* (Loew)
 - c) *Anastrepha obliqua* (Macquart)
 - d) *Anastrepha suspensa* (Loew)
7. *Anoplophora chinensis* (Forster)
8. *Anoplophora glabripennis* (Motschulsky)
9. *Anoplophora malasiaca* (Thomson)
10. *Anthonomus bisignifer* Schenkling
11. *Anthonomus eugenii* Cano
12. *Anthonomus grandis* Boheman
13. *Anthonomus signatus* Say (= *A. bisignatus* Gyllenhal)
14. *Bactrocera* spp. (= *Dacus* spp.) (non-European species):
 - a) *Bactrocera cucumis* (French)

- b) *Bactrocera cucurbitae* (Coquillett)
- d) *Bactrocera dorsalis* (Hendel)
- e) *Bactrocera minax* (Enderlein)
- f) *Bactrocera tryoni* (Froggatt)
- g) *Bactrocera tsuneonis* (Miyake)
- 15. *Blitopertha orientalis* (Waterhouse) (= *Anomala orientalis*)
- 16. *Carposina niponensis* (Walsingham)
- 17. *Ceratitidis* spp. (non-European)
- 18. *Choristoneura conflictana* (Walker)
- 19. *Choristoneura fumiferana* (Clemens)
- 20. *Choristoneura occidentalis* Freeman
- 21. *Choristoneura rosaceana* (Harris)
- 22. *Conotrachelus nenuphar* (Herbst)
- 23. *Cydia inopinata* (Heinrich)
- 24. *Cydia packardi* (Zeller)
- 25. *Cydia prunivora* (Walsh)
- 26. *Dacus ciliatus* Loew
- 27. *Dendroctonus adjunctus* Blandford
- 28. *Dendroctonus brevicomis* LeConte
- 29. *Dendroctonus frontalis* Zimmermann
- 30. *Dendroctonus ponderosae* Hopkins
- 31. *Dendroctonus pseudotsugae* Hopkins
- 32. *Dendroctonus rufipennis* (Kirby)
- 33. *Diabrotica* spp. (except *Diabrotica virgifera virgifera* LeConte)
- 34. *Diaphorina citri* Kuwayana
- 35. *Dryocoetes confusus* Swaine
- 36. *Epitrix tuberis* Gentner
- 37. *Epochra canadensis* (Loew)
- 38. *Euphranta japonica* (Ito)
- 39. *Gnathotrichus sulcatus* (LeConte)
- 40. *Heteronychus arator* Fabricius
- 41. *Helicoverpa zea* (Boddie)
- 42. *Ips calligraphus* (Germar)
- 43. *Ips confusus* (LeConte)
- 44. *Ips grandicollis* (Eichhoff)
- 45. *Ips lecontei* Swaine
- 46. *Ips pini* (Say)
- 47. *Ips plastographus* (LeConte)
- 48. *Liriomyza sativae* Blanchard
- 49. *Listronotus bonariensis* (Kuschel)
- 50. *Lopholeucaspis japonica* Cockerell
- 51. *Malacosoma americanum* Fabricius
- 52. *Malacosoma disstria* Hübner
- 53. *Numonia pirivorella* (Matsumura)
- 54. *Oligonychus perditus* Pritchard & Baker
- 55. *Orgyia pseudotsugata* (McDunnough)
- 56. *Parabemisia myricae* (Kuwana)
- 57. *Pissodes* spp. (non-European species):
 - a) *Pissodes nemorensis* Germar
 - b) *Pissodes strobi* (Peck)
 - c) *Pissodes terminalis* Hopping
- 58. *Popillia japonica* Newman
- 59. *Premnotypes* spp. (Andes species)
- 60. *Rhagoletis* spp. (non-European species):

- a) *Rhagoletis cingulata* (Loew)
 - b) *Rhagoletis fausta* (Osten Sacken)
 - c) *Rhagoletis indifferens* Curran
 - d) *Rhagoletis mendax* Curran
 - e) *Rhagoletis pomonella* (Walsh)
61. *Scirtothrips aurantii* Faure
 62. *Scirtothrips citri* (Moulton)
 63. *Scirtothrips dorsalis* Hood
 64. *Spodoptera eridania* (Cramer)
 65. *Spodoptera frugiperda* (J.E. Smith)
 66. *Spodoptera littoralis* (Boisduval)
 67. *Spodoptera litura* (Fabricius)
 68. *Thrips palmi* Karny
 69. *Toxoptera citricida* (Kirkaldy)
 70. *Trioza erythrae* (Del Guercio)
 71. *Trogoderma granarium* Everts
 72. *Unaspis citri* (Comstock)
 73. *Unaspis yanonensis* (Kuwana)

A2 LIST**QUARANTINE PESTS KNOWN TO OCCUR WITHIN A LIMITED AREA IN THE
TERRITORY OF THE REPUBLIC OF CROATIA****I. VIRUSES**

1. Beet necrotic yellow vein benyvirus (Rhizomania)
2. Citrus tristeza closterovirus
3. Plum pox potyvirus
4. Tomato ringspot nepovirus
5. Tomato spotted wilt tospovirus

II. PROKARYOTES

1. Apple proliferation phytoplasma
2. *Clavibacter michiganensis* (Smith) Davis *et al.* ssp. *michiganensis* (Smith) Davis *et al.* (= *Corynebacterium michiganense*)
3. *Erwinia amylovora* (Burrill) Winslow *et al.*
4. Pear decline phytoplasma
5. Potato stolbur phytoplasma
6. *Pseudomonas syringae* Van Hall pv. *lisi* (Sackett) Young *et al.*

III. FUNGI

1. *Mycosphaerella dearnessii* M.E. Barr (= *Scirrhia acicola*)
2. *Phaeoisariopsis griseola* (Saccardo) Ferraris
3. *Phialophora cinerescens* (Wollenweber) van Beyma
4. *Tilletia controversa* Kühn

IV. NEMATODES

1. *Ditylenchus dipsaci* (Kühn) Filipjev
2. *Globodera pallida* (Stone) Behrens
3. *Globodera rostochiensis* (Wollenweber) Behrens

V. INSECTS

1. *Bemisia tabaci* (Gennadius)
2. *Cacoecimorpha pronubana* Hübner
3. *Ceratitis capitata* (Wiedemann)
4. *Diabrotica virgifera virgifera* LeConte
5. *Epichoristodes acerbella* Walker
6. *Liriomyza huidobrensis* (Blanchard)
7. *Quadraspidiotus perniciosus* (Comstock)