

**MINISTRY OF AGRICULTURE SOCIALIST REPUBLIC OF VIETNAM
AND RURAL DEVELOPMENT**

Independence - Freedom - Happiness

The list of plant quarantine pests of Socialist Republic of Vietnam

(Enacted by decision No: 73/2005/QĐ-BNN dated November 14th, 2005 of Minister of Agriculture and Rural Development)

GROUP I : Pests of potential economic importance to the vegetation resources and not yet presented in territory of Socialist Republic of Vietnam

A/ Insect

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|---------------------------------|-----------------------------------------------------------------------|
| 1. South American Fruit fly | <i>Anastrepha fraterculus</i> (Wiedemann) |
| 2. Mexico fruit fly | <i>Anastrepha ludens</i> (Loew) |
| 3. Mediterranean fruit fly | <i>Ceratitidis capitata</i> (Wiedemann) |
| 4. Queensland fruit fly | <i>Bactrocera tryoni</i> (Froggatt) |
| 5. Chinensis citrus fly | <i>Bactrocera tsuneonis</i> (Miyake) |
| 6. Natal fruit fly | <i>Ceratitidis rosa</i> Karsch |
| 7. Grounut borer | <i>Pachymerus pallidus</i> (Olivier) |
| 8. American white moth | <i>Hyphantria cunea</i> (Drury) |
| 9. Japanese beetle | <i>Popillia japonica</i> (Newmann) |
| 10. Broad - nosed grain weevil | <i>Caulophilus oryzae</i> Say |
| 11. Khapra beetle | <i>Trogoderma granarium</i> Everts |
| 12. Trogoderma beetle | <i>Trogoderma inclusum</i> LeConte |
| 13. Boll weevil | <i>Anthonomus grandis</i> Boheman |
| 14. South African citrus thrips | <i>Scirtothrip aurantii</i> Faure |
| 15. Colorado potato beetle | <i>Leptinotarsa decemlineata</i> Say |
| 16. Granary weevil | <i>Sitophilus granarius</i> (Linnaeus) |
| 17. Larger grain borer | <i>Prostephanus truncatus</i> Horn |
| 18. Mexico bean weevil | <i>Zabrotes subfasciatus</i> (Boheman) |
| 19. California scale | <i>Quadraspidiotus perniciosus</i> (Comstock) |
| 20. White fringed beetle | <i>Graphognathus leucoloma</i> (Boheman) |
| 21. Rice leaf hopper | <i>Tagosodes orizicolus</i> Muir |
| | (Vector transmits chlorosis of rice - <i>Rice hoja blanca virus</i>) |
| 22. Paddy plant hopper | <i>Tagosodes cubanus</i> D.L. Crawford |
| | (Vector transmits chlorosis of rice - <i>Rice hoja blanca virus</i>) |

B/ Diseaes :

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|----------------------------------|-----------------------------------------------------------------------------|
| 23. Citrus mal secco | <i>Phoma tracheiphila</i> Petri, Kantachveli & Gikachvili |
| 24. Taxas root rot of cotton | <i>Phymatotrichopsis omnivora</i> (Duggar) Hennebert |
| 25. South American leaf blight | <i>Microcyclus ulei</i> (Henn.) Arx |
| 26. Wart diseases of potato | <i>Synchytrium endobioticum</i> (Schilb.) Percival |
| 27. Karnal bunt | <i>Tilletia indica</i> Mitra |
| 28. Coffee bacterial leaf spot | <i>Pseudomonas garcae</i> Amaral, Teixeira & Pinheiro |
| 29. Chlorosis of rice | <i>Rice hoja blanca virus</i> |
| 30. Coffee ring spot virus | <i>Coffee ringspot virus</i> |
| 31. Verticillium wilt | <i>Verticullium albo-atrum</i> Reinke & Berthold |
| 32. American leaf spot of coffee | <i>Mycena citricolor</i> (Berk. & Curtis) Sacc |
| 33. Bacterial canker of tomato | <i>Clavibacter michiganensis subsp. michiganensis</i>
(Smith 1910) Davis |

C/ Nematodes

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|---------------------------------|-------------------------------------------------------------|
| 34. Potato rot nematode | <i>Ditylenchus destructor</i> Thorne |
| 35. Pale potato cyst nematode | <i>Globodera pallida</i> (Stone) Behrens |
| 36. Yellow potato cyst nematode | <i>Globodera rostochiensis</i> (Wollenweber) Behrens |
| 37. Red ring nematode | <i>Rhadinaphelenchus cocophilus</i> (Cobb) Goodey |
| 38. Pine wood nematode | <i>Bursaphelenchus xylophilus</i> (Steiner & Burher) Nickle |

D/ Weeds :

- | | |
|-------------------------|------------------------------------------|
| 39. Purple witchweed | <i>Striga hermonthica</i> (Del.) Benth. |
| 40. Witchweed | <i>Striga densiflora</i> (Benth.) Benth. |
| 41. Creeping thistle | <i>Cirsium arvense</i> (L.) Scop. |
| 42. Scalloped broomrape | <i>Orobanche crenata</i> Forskal |
| 43. Broomrape cernua | <i>Orobanche cernua</i> Loefl. |
| 44. Broomrape ramo | <i>Orobanche ramosa</i> L. |
| 45. Broomrape aegypt | <i>Orobanche aegyptiaca</i> Pers. |

GROUP II : Pests of potential economic importance to the vegetation resources and not widely distributed in territory of Socialist Republic of Vietnam

A/ Insects :

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|----------------------|-------------------------------------------|
| 46. Potato moth | <i>Phthorimaea operculella</i> (Zeller) |
| 48. Corn flea beetle | <i>Chaetocnema pulicaria</i> (Melsheimer) |

(Vector transmits bacterial leaf blight of maize - *Pantoea stewartii*)

48. Japanese pine sawyer *Monochamus alternatus* Hope
(Vector transmits Pine wood nematode - *Bursaphelenchus xylophilus*)

B/ Diseases :

49. Black choke *Balansia oryzae-sativae* Hashioka
50. Groundnut stripe disease *Peanut stripe virus*
51. Bacterial leaf blight of maize *Pantoea stewartii* (Smith 1898) Mergaert

C/ Nematodes :

52. Burrowing nematode *Radopholus similis* (Cobb) Thorne
53. Brown ring disease of hyacinth *Ditylenchus dipsaci* (Kuhn) Filipjev

D/ Weeds :

54. Witchweed S.a *Striga angustifolia* (Don.) Saldanha
55. Witchweed S. I *Striga asiatica* (L.) Kuntze
56. Australis dodder *Cuscuta australis* R. Br.
57. Chinensis dodder *Cuscuta chinensis* Lam.