

LIST OF REGULATED QUARANTINE PEST

Distribution area/ country	: Poland
Category	: A1
Group	: II

No.	Species, Taxonomy, Common name	Primary/Secondary Host	Pathway
1	<p><i>Aculus schlechtendali</i> (Nalepa), (= <i>Aculus malivagrans</i> = <i>Phyllocoptes schlechtendali</i> = <i>Vasates malivagrans</i> = <i>Vasates schlechtendali</i>),</p> <p>Eriophyidae, Arachnida</p> <p>apple rust mite, apple bud mite, apple leaf mite, rusty leaf mite</p> <p>Mite</p>	<p>(P): <i>Malus domesticum</i> (apple)</p> <p>(S): <i>Pyrus communis</i> (pear)</p>	fruit, part of plants
2	<p><i>Panonychus ulmi</i> (Tetranychidae) (Koch),</p> <p>European red spider mite</p> <p>Mite</p>	<p><i>Malus domesticum</i> (apple),</p> <p><i>Pyrus communis</i> (pear),</p> <p><i>Prunus persika</i> (peach),</p> <p><i>Prunus domesticum</i> (plum),</p> <p><i>Prunus cerasus</i> (sour ceri).</p>	leaf
3	<p><i>Anoplophora glabripennis</i> (Motschulsky)</p> <p>Coleptera: Cerambycidae; Asian Longhorn beetle</p> <p>Insect</p>	<p><i>Eucalyptus diversicolor</i>,</p> <p><i>Populus</i> spp.,</p> <p><i>Aesculus hippocastanum</i>,</p> <p><i>Acer ngundo</i></p>	Timber, log



LIST OF REGULATED QUARANTINE PEST

Distribution area/ country	: Poland
Category	: A2
Group	: I

No.	Species, Taxonomy, Common name	Primary/Secondary Host	Pathway
1	<p><u><i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> (Smith) Davis et al.;</u> (= <u><i>Aplanobacter michiganensis</i></u> = <u><i>Bacterium michiganense</i></u> = <u><i>Corynebacterium michiganense</i> pv. <i>michiganense</i></u> = <u><i>C. michiganense</i> subsp. <i>michiganense</i></u> = <u><i>C. michiganense</i></u> = <u><i>Erwinia michiganensis</i> (= <i>michiganense</i>)</u> = <u><i>Mycobacterium michiganense</i></u> = <u><i>Phytomonas michiganensis</i></u> = <u><i>Pseudomonas michiganense</i></u> = <u><i>P. michiganensis</i></u>); Actinomycetales : Microbacteriaceae; bacterial cancer, birds eye spot</p> <p>Bacteria</p>	<p>(P): <i>Capsicum frutescens</i> (hot pepper, chilies), <i>Capsicum annuum</i> (paprika, bell-pepper, red pepper), <i>Lycopersicon esculentum</i> (tomato), <i>Solanum melongena</i> (eggplant , aubergine) (S): <i>Solanum mammosum</i>, <i>S. dauglas</i>, <i>S. nigrum</i>, <i>S. trifolium</i></p>	<p>all parts of plants, planting medium, seed/grain</p>
2	<p><u><i>Erwinia chrysanthemi</i> (Bulkholder, Mc. Fadden & Dimock); (= <i>Erwinia carotovora</i> f.sp. <i>parthenii</i> = <i>E. carotovora</i> f.sp. <i>zeae</i> = <i>E. carotovora</i> var. <i>chrysanthemi</i> = <i>E. dieffenbachiae</i> = <i>E. maydis</i> = <i>E. paradisiaca</i> = <i>Pectobacterium carotovorum</i> f. sp. <i>chrysanthemi</i> = <i>P. carotovorum</i> var. <i>chrysanthemi</i> = <i>P. carotovorum</i> var. <i>graminarum</i> = <i>P. chrysanthemi</i> = <i>P. chrysanthemi</i> pv. <i>zeae</i> = <i>P. parthenii-dianthicola</i>)</u> Enterobacteriales: Enterobacteriaceae; busuk kaki.</p> <p>Bacteria</p>	<p>(P): <i>Chrysanthemum</i> spp., Araceae, <i>Aglaonema</i>, <i>Aloe vera</i>, <i>Allium</i> spp., <i>Begonia</i>, <i>Brachiaria</i>, <i>Brassica oleraceae</i> var. <i>botrytis</i> (cauliflower), <i>Dieffenbachia</i>, <i>Dianthus</i>, <i>Dracaena marginata</i>, <i>Elettaria cardamomum</i>, <i>Pelargonium zonale</i> hybrids, <i>Philodendron</i>. (S): <i>Aglaonema commutatum</i>, <i>Arachys hypogaea</i> (pineapple), <i>Apium graveolens</i> (celery), <i>Brachiaria mutica</i>, <i>Brassica oleracea</i> var. <i>capitata</i> (cabbage), <i>Capsicum annuum</i> (paprika, bell-pepper), <i>Dieffenbachia maculata</i>, <i>Dianthus</i> spp., <i>Lycopersicon esculentum</i> (tomato), <i>Panicum maximum</i>, <i>Pennisetum purpureum</i>, <i>Philodendron</i> spp., <i>Aechmea fasciata</i>, <i>Anemone</i>, <i>Celosia argentea</i>, <i>Cichorium endivia</i> (andewi, endevi), <i>Cichorium intybus</i>, <i>Canna</i>, <i>Consolida ambigua</i>, <i>Cucumis melo</i> (melon), <i>Colocasia esculenta</i> (taro), <i>Cynara scolimus</i></p>	<p>planting material and soil.</p>



		(artichoke), <i>Cyclamen</i> , <i>Dahlia pinnata</i> , <i>Daucus carota</i> (carrot), <i>Euphorbia pulcherrima</i> , <i>Helianthus annuus</i> (sunflower), <i>Hyacinthus</i> , <i>Imperata cylindrica</i> (bedding grass), <i>Ipomoea batatas</i> (sweet potato), <i>Kalanchoe blossfeldiana</i> , <i>Lactuca sativa</i> (lettuce) <i>Medicago sativa</i> , <i>Musa x paradisiaca</i> (plantain), <i>Musa textilis</i> , <i>Nicotiana tabacum</i> (tobacco), <i>Oryza sativa</i> (paddy), <i>Paspalum</i> , <i>Phalaenopsis</i> , <i>Parthenium argentatum</i> , <i>Pyrus communis</i> , <i>Raphanus sativus</i> (radish), <i>Saccharum officinarum</i> (sugarcane), <i>Sedum spectabile</i> , <i>St. paulia ionantha</i> , <i>Solanum melongena</i> (eggplant, aubergine) <i>Solanum tuberosum</i> (potato), <i>Sorghum bicolor</i> (sorghum), <i>Syngonium podophyllum</i> , <i>Tulip</i> spp., <i>Xanthosoma caracu</i> , <i>Zea mays</i> (corn, maize).	
3	<p><u><i>Pantoea agglomerans</i> (=Bacterium herbicola = B. typhiflavum = Corynebacterium beticola = Enterobacter agglomerans = E. agglomerans pv. millettiae = Erwinia herbicola = E. herbicola pv. millettiae = E. lathyri = E. mangiferae = E. millettiae = E. vitivora = Flavobacterium herbicola = F. rhenanum = F. trifolii = Kurthia baccarinii = Pantoea agglomerans pv. millettiae = Phytomonas itoana = Pseudomonas herbicola = P. itoana = P. trifolii = Xanthomonas cosmicola = X. indica = X. itoana = X. maydis = X. oryzae = X. penniseti = X. rubrisorghii = X. taquetis = X. translucens f.sp. oryzae = X. trifolii)</u> Enterobacteriales : Enterobacteriaceae; bacterial grapevine blight, bacterial rice leaf blight, pink disease of pineapple.</p> <p>Bacteria</p>	<p><i>Arachys hypogaea</i> (pineapple), <i>Oryza sativa</i> (paddy), <i>Zea mays</i> (corn, maize), <i>Sorghum bicolor</i> (sorghum), <i>Medicago sativa</i> (alfalfa, lucerne), <i>Allium</i> spp., <i>Vitis vinifera</i> (grapevine). (P): <i>Arachys hypogaea</i> (pineapple), <i>Malus sylvestris</i> (apple), <i>Pyrus communis</i> (pear). (S): <i>Abelmoschus moschatus</i> (okra, lady's finger), <i>Citrus</i> spp. (orange), <i>Impatiens balsamina</i>, <i>Lathyrus odoratus</i>, <i>Lycopersicon esculentum</i> (tomato), <i>Manihot esculenta</i> (cassava), <i>Mangifera indica</i> (mango), <i>Oryza sativa</i> (paddy), <i>Setaria italica</i>, <i>Sorghum bicolor</i> (sorghum), <i>Vitis vinifera</i> (grapevine), <i>Zea mays</i> (corn, maize), <i>Allium sativum</i> (garlic), <i>Carthamus tinctorius</i>, <i>Daucus carota</i> (carrot), <i>Glycine max</i> (soybean), <i>Gossypium hirsutum</i> (cotton), <i>Hordeum vulgare</i>, <i>Morus</i>, <i>Nicotiana</i></p>	fruit, pod, part of plant.



		<i>tabacum</i> (tobacco), <i>Saccharum officinarum</i> (sugarcane), <i>Solanum tuberosum</i> (, potato).	
4	<u>Onions yellow dwarf potyvirus.</u> Virus	<i>Allium ascalonicum</i> (shallot).	seed/bulb of: <i>Allium cepa</i> , <i>A. ascalonicum</i> , <i>A.porrum</i> , <i>A. sativum</i> .
5	<u>Tomato spotted wilt tospovirus (TSWV).</u> <u>Sin: pineapple yellow spot virus, tomato spotted wilt virus group, dahlia oakleaf virus, dahlia ringspot virus, dahlia yellow ringspot virus, groundnut ringspot virus, mung bean leaf curl virus</u> Virus	(P): <i>Lycopersicum esculentum</i> (tomato), <i>Capsicum annuum</i> (paprika, bell-pepper) , <i>Lactuca sativa</i> (lettuce), <i>Pisum sativum</i> (sweet pea), <i>Nicotiana tabacum</i> (tobacco), <i>Solanum tuberosum</i> (potato), Solanaceae, <i>Alstroemeria</i> , <i>Arachys hypogaea</i> (pineapple), <i>Anemone coronaria</i> , <i>Apium graveolens</i> (celery), <i>Arachys hypogaea</i> (groundnut, peanut), <i>Aster</i> , <i>Begonia</i> , <i>Bidens pilosa</i> , <i>Benincasa hispida</i> , <i>Calceolaria</i> , <i>Chrysanthemum x morifolium</i> , <i>Carica papaya</i> (pawpaw), <i>Cichorium endivia</i> , <i>Cicer arietinum</i> , <i>Citrullus lanatus</i> (watermelon), <i>Columnea hirta</i> , <i>Canavalia gladiata</i> , <i>Capsicum annuum</i> (hot pepper), <i>Callistephus chinensis</i> , <i>Catharanthus roseus</i> , <i>Cucumis sativus</i> (cucumber), <i>Cucurbita pepo</i> , <i>Crotalaria juncea</i> , <i>Cyphoman dra betacea</i> , <i>Cynara scolymus</i> , <i>Cyclamen</i> , <i>Dieffenbachia</i> , <i>Eustoma grandiflorum</i> , <i>Ficus elastica</i> , <i>Ficus pumila</i> , <i>Gerbera spp.</i> , <i>Gerbera jamesonii</i> , <i>Galinsoga parviflora</i> , <i>Glycine max</i> (soybean), <i>Gossypium hirsutum</i> (cotton), <i>Helianthus annuus</i> (sunflower), <i>Impatiens walleriana</i> , <i>Jacquemontia tamnifolia</i> , <i>Kalanchoe</i> , <i>Lens culinaris</i> ssp. <i>culinaris</i> (lentil), <i>Lathyrus sativus</i> , <i>Lupinus spp.</i> (Lupine), <i>Mentha Piperita</i> , <i>Nicandra physalodes</i> , <i>Nicotiana rustica</i> , <i>Oncidium</i> , <i>Ocimum basilicum</i> , <i>Pelargonium</i> , <i>Petunia hybrida</i> , <i>Phaseolus</i> , <i>Vigna radiata</i> (mungbean), <i>Vigna mungo</i> , <i>Vigna cylindrica</i> (common	stoke, plant of. Vector: <i>Franklini ella bispinosa</i> , <i>F. intonsa</i> , <i>F.fusca</i> , <i>F.occidentalis</i> , <i>F. schultzei</i> , <i>F. tenuicornis</i> , <i>Thrips palmi</i> , <i>T. setosus</i> , <i>T. tabaci</i> , <i>T.flavus</i> , <i>Scirtothrips</i>



		<p>bean), <i>Physalis peruviana</i>, <i>Phalaenopsis</i>, <i>Sechium edule</i>, <i>Senecio cruentus</i>, <i>Stephanotis floribunda</i>, <i>Sinningia</i>, <i>Sinningia speciosa</i>, <i>Solanum melongena</i> (eggplant, aubergine), <i>Tagetes</i>, <i>Tephrosia purpurea</i>, <i>Vicia faba</i>, <i>Vigna unguiculata</i>, <i>Vitis vinifera</i> (grapevine), <i>Valerianella locusta</i>, <i>Zinnia elegans</i>, <i>Zantedeschia aethiopica</i>, <i>Ageratum conyzoides</i>, <i>Calendula officinalis</i>, <i>Canna indica</i>, <i>Coleus</i>, <i>Mirabilis jalapa</i>, <i>St. paulia ionantha</i>, <i>Salvia officinalis</i>, <i>Valeriana officinalis</i>.</p>	
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Distribution area/ country	: Poland
Category	: A2
Group	: II

No.	Species, Taxonomy, Common name	Primary/Secondary Host	Pathway
1	<p><u><i>Bemisia argentifolii</i> (Gennadius) (= <i>B. tabaci</i> biotype)</u> Hemiptera: Aleyrodidae; silver leaf white fly, sweet potato white fly B-biotype.</p> <p style="margin-left: 20px;">Insect</p>	<p>(P): <i>Gossypium hirsutum</i> (cotton), <i>Lycopersicon esculentum</i> (tomato), Fabaceae, Brassicaceae, <i>Carica papaya</i> (pawpaw), <i>Capsicum annuum</i> (hot pepper, chilies), <i>Euphorbia pulcherrima</i>, <i>Lactuca sativa</i> (lettuce), <i>Nicotiana tabacum</i> (tobacco), <i>Solanum melongena</i> (eggplant, aubergine).</p> <p>(S): Brassicaceae, Fagaceae, Geraniaceae, Lauraceae, Myrtaceae, Oleaceae, Passifloraceae, Rosaceae, Rubiaceae, Solanaceae, Acer, <i>Amaranthus</i>, <i>Mentha</i>, Bombacaceae.</p>	stem, leaf, fruit, flower/inflorescence
2	<p><u><i>Laodelphax striatella</i> (Fall.)</u>; (= <i>Laodelphax striatellus</i> = <i>Calligypona marginata</i> = <i>C. striatella</i> = <i>Delphacodes striatella</i> = <i>Delphax notula</i> = <i>D. striata</i> = <i>D. striatella</i> = <i>Liburnia akashiensis</i> = <i>L. devastans</i> = <i>L. gifuensis</i> = <i>L. haupti</i> = <i>L. maikoensis</i> = <i>L. marginata</i> = <i>L. minionensis</i> = <i>L. nipponica</i> = <i>L. striatella</i>); Hemiptera: Delphacidae; small brown plant hopper</p> <p style="margin-left: 20px;">Insect</p>	<p>(P): <i>Zea mays</i> (corn, maize), <i>Avena sativa</i> (oats), <i>Oryza sativa</i> (paddy), <i>Saccharum officinarum</i> (sugarcane), other cerealia</p>	stem, leaf
3	<p><u><i>Ditylenchus dipsaci</i> (Khun.) Filipjev</u>; Anguinidae; nematoda umbi/brown ring disease of hyacinth.</p> <p style="margin-left: 20px;">Nematode</p>	<p><i>Allium ascalonicum</i> (shallot), <i>Allium sativum</i> (garlic), <i>Allium cepa</i> (onion), <i>Allium porrum</i> (leek) and Orchidaceae (orchids).</p>	bulb of: <i>Allium ascalonicum</i> (shallot), <i>Daucus carota</i> (carrot), <i>Solanum tuberosum</i> (potato), <i>Allium sativum</i> (garlic), <i>Raphanus sativus</i> (radish), <i>Ipomoea batatas</i> (sweet potato), <i>Abrusia</i> spp., <i>Chrysanthemum</i> spp., <i>Cirsium</i> spp., <i>Iris</i> spp.,



			<i>Avena</i> spp., <i>Helianthus annuus</i> (sunflower), <i>Erigeron</i> spp., <i>Lactuca sativa</i> (lettuce)., <i>Secale cereale</i> (rye)., <i>Agropiron</i> spp., <i>Lepidium</i> spp., <i>Tagetes</i> spp., <i>Trifolium</i> spp., <i>Delpinium</i> spp., <i>Tulipa</i> spp., <i>Plantago</i> spp., <i>Hyacinthes</i> spp., and soil.
4	<u><i>Globodera rostochiensis</i> (Wollenweber)</u> <u>Mulvey & Stone; Heteroderidae;</u> <u>nematoda sista (kentang) / golden cyst</u> <u>nematode.</u> Nematode	<i>Solanum tuberosum</i> (potato), <i>Lycopersicum esculentum</i> (tomato), <i>Solanum melongena</i> (eggplant, aubergine).	seeds and bulb of <i>Solanum tuberosum</i> (potato), root of <i>Lycopersicum esculentum</i> (tomato), root of <i>Solanum melongena</i> (eggplant, aubergine) and soil.
5	<u><i>Meloidogyne hapla</i> Chitwood;</u> <u>Meloidogynidae; northern root knot</u> <u>nematode.</u> Nematode	<i>Chrysanthemum</i> spp., <i>Pyrethrum</i> , <i>Solanum tuberosum</i> (potato).	root of <i>Chrysanthemum</i> , <i>Solanum tuberosum</i> (potato), <i>Pyrethrum</i> sp., soil.
6	<u><i>Pratylenchus penetrans</i> (Cobb.) Filipjev;</u> <u>Pratylenchidae; Cobb's root lesion</u> <u>nematode.</u> Nematode	<i>Solanum tuberosum</i> (potato).	bulb of <i>Solanum tuberosum</i> (potato), soil.
7	<u><i>Radopholus citrophilus</i> (Huettel, Dickson & Kaplan);</u> <u>Pratylenchidae; burrowing</u> <u>nematode.</u> Nematode	<i>Citrus</i> spp. (orange).	seeds of <i>Citrus</i> spp. (orange) and soil
8	<u><i>Botrytis allii</i> Munn.;</u> <u>Busuk leher batang</u> <u>(Neck rot fungus).</u> Fungi	<i>Allium ascalonicum</i> (shallot)	seed and bulb
9	<u><i>Ceratocystis (=Thielaviopsis) fimbriata;</i></u> <u>Penyakit layu, atau kanker, atau</u> <u>busuk, hawar (Ceratocystis wilt, cancer, or</u> <u>rot, blight).</u>	<i>Theobroma cacao</i> (cocoa), <i>Coffea</i> spp. (coffee), <i>Crotalaria</i> , <i>Hevea</i> , <i>Camellia sinensis</i> (tea), <i>Ipomoea</i> .	grain and seed, plant and part of plant



	Fungi		
10	<u><i>Helminthosporium solani</i> Durieu & Mont;</u> (= <u><i>Cladosporium abietinum</i></u> = <u><i>Spondylocladium atrovirens</i></u>); <u>Anamorphic fungi; silver scurf</u> Fungi	(P): <i>Solanum tuberosum</i> (potato)	tuber, part of plant
11	<u><i>Peronospora manshurica</i> (Naum) Syd.;</u> <u>Downy mildew</u> Fungi	<i>Glycine max</i> (soybean).	seed and grain.
12	<u><i>Phoma lingam</i> (Tode ex Fr.) Demazieres;</u> <u>Pangkal batang hitam (Black leg).</u> Fungi	<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage).	seed.
13	<u><i>Plasmodiophora brassicae</i> (Woronin);</u> <u>Akar gada (Cabbage club rot).</u> Fungi	<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage) and other Cruciferae.	root and soil.
14	<u><i>Plasmopara viticola</i> (Berk. & M.A. Curtis)</u> <u>Berl. & deToni; Embun tepung (Powdery</u> <u>mildew).</u> Fungi	<i>Vitis vinifera</i> (grapevine).	seed and fruit.
15	<u><i>Pseudoperonospora cubensis</i> (Berk. &</u> <u>M.A. Curtis) Rostovtzev; (Downy mildew).</u> Fungi	<i>Cucumis sativus</i> (cucumber), <i>Cucumis melo</i> (melon), <i>Citrullus lanatus</i> (watermelon) and other cucurbitaceae.	plant debris.
16	<u><i>Septoria lycopersici</i> Speg. var <i>malaqutii</i></u> <u>Ciccar & Boerima; Bercak daun (Septoria</u> <u>potato leaf spot; angular potato leaf spot).</u> Fungi	<i>Solanum tuberosum</i> (potato), <i>Lycopersicum esculentum</i> (tomato).	seed, tuber of <i>Solanum</i> <i>tuberosum</i> (potato), seeds of <i>Lycopersicum</i> <i>esculentum</i> (tomato), and leaf.
17	<u><i>Spongospora subterranea</i> f.sp.</u> <u><i>subterranea</i> (Wallr.) Lagerh.;</u> <u>Slimy rot,</u> <u>powdery scab.</u> Fungi	<i>Solanum tuberosum</i> (potato), <i>Lycopersicum esculentum</i> (tomato).	seed , tuber of <i>Solanum</i> <i>tuberosum</i> (potato), seeds and fruit <i>Lycopersicum</i> <i>esculentum</i> (tomato).
18	<u><i>Uncinula necator</i> (Schwennerts) Burril;</u> <u>Embun tepung (Powdery mildew).</u> Fungi	<i>Vitis vinifera</i> (grapevine).	seed, plant debris.
19	<u><i>Verticillium dahliae</i> (Kleb.). Penyakit layu</u> <u>(Verticillium wilt).</u>	<i>Anona</i> , <i>Cucumis</i> , <i>Fragaria</i> , <i>Glycine max</i> (soybean),	seed



	Fungi	<i>Gossypium hirsutum</i> (cotton), <i>Dahlia</i> , <i>Lycopersicum</i> <i>esculentum</i> (tomato), <i>Persea</i> <i>Americana</i> (avocado), <i>Rosa</i> , <i>Tagetes</i> , <i>Vitis vinifera</i> (grapevine).	
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