

List of Regulated Plant Pests of Pakistan

Fall armyworm (*Spodoptera frugiperda*), Tomato leaf minor (*Tuta absoluta*), Mediterranean fruit fly (*Ceratitis capitata*), Guava fruit fly (*Bactrocera correcta*), Seed Bruchid (*Stator pruininus*), Golden Cyst Nematodes (*Globodera (Heterodera) rostochiensis*), *Globodera pallida*, White tip nematode (*Aphelenchoides besseyi*), Testa Nematode, (*Aphelenchoides arachidis*), Citrus burrowing nematode (*Radopholus citrophilus*), Tobacco cyst nematode (*Heterodera tabacum*), Pine wood nematode (*Bursaphelenchus xylophilus*), Potato tuber nematode (*Ditylenchus destructor*), Stem and bulb nematode (*Ditylenchus dipsaci*), Hops cyst nematode (*Heterodera humuli*), Florida red scale (*Chrysomphalus aonidium*), Citrus bud mite (*Eriophyes sheldoni*) Citrus rust mite (*Phyllocoptruta oleivora*), South American Palm weevil (*Rhynchophorus palmarum*), Leaf minor (*Promecotheca cumingi*), Palm kernel borer (*Pachymerus* spp.), Coffee berry borers (*Hypothenemus hampei*, *Sophronica ventralis*), Coffee thrips (*Diarthrotetranychus coffeae*), Crown gall (*Agrobacterium tumefaciens*), Weevil (*Palaeopus* spp.), Shot hole borer (*Xyleborus ferrugineus*), seed bruchid (*Mimosestes mimosae*), Mango seed weevil, (*Sternonchus mangiferae* F.), Shoot fly (*Carpolioncha eachalybea*), Mite (*Mononychellus* spp.), Thrip (*Frankliniella williamsi*), Banana weevil (Hawaii) (*Cosmopolites pruinus*), Cane weevil, (West Indies) (*Metamasius hemipterus*), Banana weevil (East African), (*Temnoschoitanigroplagiata*), Granary weevil (*Sitophilus granarius*), Seed chalcid (*Eurytomasciromatis*), Colorado potato beetle (*Leptinotarsa decemlineata*), Mirids (*Sahlbergiasingularis* & *Distantiella theobroma*), Cocoa moth (*Acorocercops scamerella*), Cocoa capsid (*Sahlbergiella theobroma*), Cocoa beetle (*Steirastoma brevis*), Larger grain borer (*Prostophonus truncatus*), Maize weevil (*Sitophilus zeamais*), Oriental chestnut gall wasp (*Dryocosmus kuriphilus* Yasumatsu), Golden twin-spot moth (*Chrysodeixis chalcites*), *Synggrapha circumflexa* (syn. *Cornutiplusia circumflexa*), Avocado weevil (*Heilipus lauri* Boh.), (*Conotrachelus* spp.), Avocado seed moth (*Stenomacatenifer* Wals), Cactus moth (*Cactoblastis cactorum* Berg), West Indian cane weevil (*Metamasius* spp.), banana moth (*Opogona sacchari*), American sugarcane borer (*Diatraea saccharalis*), Elm bark beetles (Scolytidae), White -banded elm leaf hopper (*Scaphoidous luteolus*) and seed Bruchid (*Bruchidius* spp.), Okra Mosaic Agents, Kora yellow leaf curl agent, Okra mosaic virus, Bendi yellow vein mosaic agent, Cotton anthocyanosis agent and cotton leaf curl agents, Lethal yellowing, Cadang-cadang, Kaincope, Bronze leaf Wilt, Root (Wilt), Guam coconut, Peanut stripe virus, Peanut stunt virus, Tobacco streak virus, Pear blister canker Virus, Quince sooty ringspot agent, Quince yellow blotch agent, Quince stunt agent, Citrus tatter leaf (Capillo virus), Citrus witch's broom (Phytoplasmas) Satsuma dwarf virus, Phloem necrosis (Phytoplasma leptovascularum), Coffee viruses (coffee ringspot, leaf rugosity, leaf curl, leaf crinkle and mosaic viruses), Alomae land Bobone (Rhabdo viruses), Dasheen mosaic virus (South Pacific strains), Yam mosaic virus/ green banding virus, African soybean dwarf agent, alfalfa enation virus, azuki bean mosaic virus, bean golden mosaic virus, cowpea mild mottle virus, French bean mosaic virus, groundnut chlorotic leaf streak virus, groundnut chlorotic spotting virus, groundnut rosette agents, groundnut witches broom MLO, horsegram yellow mosaic virus, Indonesian soybean dwarf virus, lima bean mosaic virus, Lucern Australian symptomless virus, Lucerne vein yellowing virus, Mung bean yellow mosaic virus, Peanut stripe virus, Red clover mottle virus, Soybean dwarf virus, Sweet potato viruses viz. Russet crack, feathery mottle, internal cork, chlorotic leaf spot, vein mosaic, mild mottle and yellow dwarf, vein clearing, chlorotic stunt, Sheffield's virus A and B, Sweet potato witches' broom (phytoplasmas), Apple

proliferation agent, Pear blister canker virus, Apple green crinkle virus, Apple ringspot virus, Cassava viruses (viz. common mosaic, brown streak, leaf vein mosaic, red mottle, yellow vein banding, Cassava witches' broom (phytoplasma), Phytoplasma Panama disease, Bunchy Top Virus, BBrMV, BSV, Cameroon marbling (Phytoplasmas), Elm mottle virus, Banana streak virus, Barley yellow mosaic virus, Barley yellow striate mosaic virus, Brome streak mosaic virus, Cereal chlorotic mosaic virus, Cocksfoot mild mosaic virus, Corn stunt spiroplasma, Cynodon chlorotic streak virus, Cynosurus mottle virus, Echinochloa ragged stunt virus, European aster yellows MLO, European wheat striate mosaic virus, Iranian maize mosaic virus, Maize bushy stunt MLO, Maize chlorotic mottle virus, Maize mosaic virus, Maize mottle/chlorotic stunt virus, Maize rough dwarf virus, Maize streak virus, Maize stripe virus, Northern cereal mosaic virus, Oat red streak mosaic virus, Oat sterile dwarf virus, Rice dwarf virus, Rice gall dwarf virus, Rice tungro virus, Rice wilted stunt virus, Rice yellow mottle virus, Rice yellow dwarf agent, Yellow dwarf agent, Sugarcane white leaf MLO, Wheat yellow leaf virus, Wheat yellowing stripe bacterium, Plum pox virus, Prune dwarf, Prunus necrotic ringspot, Plum pox, Pear blister canker virus, Pear bud drop virus, Quince sooty ring spot agent, Quince yellow blotch Agent, Quince stunt agent, Black currant reversion agent, Rose wilt virus, Rubus stunt agent, Sugarcane Mosaic virus, Sugarcane Fiji disease virus, Sereh disease, Sugarcane white leaf (phytoplasmas), ratoon virus, grassy shoot virus, mild mosaic, mosaic & streak, Andean potato latent virus, Andean potato mottle virus, Potato mop top virus, Dulcamara mottle virus, tomato blackring virus, tobacco rattle virus, potato virus Y (tobacco vein necrosis strain), potato purple top wilt agent, potato marginal flavescence agent, potato purple top roll agent, potato witches broom agent, stolbur agent, parastolbur agent, potato leaflet stunt agent, potato spindle tuber viroid, arracacha virus B, potato yellowing virus, mountain ash variegation or ringspot mosaic disease, swollen shoot virus and related strains, Elm mottle virus, Blueberry scorch carla virus (strains BC-1 and BC-2), Arabis mosaic virus and its strains, raspberry ringspot virus and its strains, Tomato blackring virus and its strains, Strawberry latent ringspot virus and its strains, Artichokeltalian latent virus, Grapevine Bulgarian Latent virus, Grapevine fanleaf virus and its strains, Hungarian chrome mosaic virus, Grapevine asteroid mosaic agent, Grapevine Bratislava mosaic virus, Grapevine chasselas latent agent, Grapevine corky bark, Grapevine leaf roll agent, Grapevine little leaf agent, Grapevine stem pitting agent, Grapevine vein mosaic agent, Grapevine vein necrosis agent, Flavescence-doree agent, Black wood agent (bois-noir), Scab (*Sphaceloma arachidis*), Bacterial wilt (*Burkholderia solanacearum*) (African strains), Rust of Kiwi (*Puccinia strumactinidae*), Candidatus Liberibacter spp. (Huanglongbing disease of citrus, Citrus greening), citrus variegated chlorosis, Mal secco (*Deuterophoma tracheiphila*), Bamboo smut (*Ustilago shiraiana*), Chestnut blight or canker (*Cryphonectria parasitica*), Brown rot of fruit (*Monilinia fructigena*), Apple ring rot (*Guignardia piricola*), Japanese pear rust, (*Gymnosporangium asiaticum*), white rust of chrysanthemum (*Puccinia horiana*), Stubborn or little leaf disease of citrus (*Spiroplasma citri*), Cancrosis B (*Xanthomonas campestris* spv. *aurantifolii*), Sweet orange scab (*Elsinoe australis*), Tryon's scab (*Sphaceloma fawcettii* var. *scabiosa*), Lethal boll rot (*Marasmiellus coco philus*), American leaf spot (*Mycena citricolor*, syn. *Omphalia flavida*), Coffee berry disease (*Colletotrichum coffeanum* var. *virulens*), Tracheomyces (*Gibberella xylarioides*, syn. *Fusarium xylarioides*), Powdery rust (*Hemileia coffeicola*), Halo blight (*Pseudomonas syringae* spv. *garcae*), Leaf spot (*Pseudomonas cichorii*), Bacterial blight (*Xanthomonas campestris* spv. *Dieffenbachiae*), Common rust of sugarcane (*Puccinia melanocephala*), Red stele disease of strawberry (*Phytophthora fragariae* Hickman),

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Gladiolus Rust (*Puccinia mccleanii* Doidge), (*Uredo gladioli-buettneri* Bub.) (*Uromyces gladioli* P. Henn.) (*U. nyikensis* Syd.) *U. gladioli* P. Henn.) (*U. transversalis* Thuem. Wint.), South American leaf blight of rubber (*Microcyclusulei* syn. *Dothidellaulei*), Scab (*Elsinoe batatas*), Scurf (*Moniliochaetesinfuscans*), Foot rot (*Plenodomusdestruens*), Soil rot (*Streptomyces ipomoeae*), Bacteria wilt (*Pseudomonas batatae*), Bacterial blight (*Xanthomonas juglandis*), Bark canker, (*Geosmithia pallida*), walnut bark necrosis (*Erwinia nigrifluens*), Gummosis (*Euitypaarmaniaceae*), Superelongation disease of cassava (*Sphacelomamanihoticola*), Bacterial leaf spot (*Xanthomonas campestris*.pv. *cassavae*), Cassava bacterial blight (*Xanthomonas campestris*pv. *manihotis*) - American strains, Moko wilt (*Burkholderia solanacearum* Race-2), Black leaf streak (*Mycosphaerellafijiensis* var. *difformis*), Rhizome rot (*Erwinia chrysanthemipv. paradisiaca*), Blue mould (*Peronospora tabacina*), Broomrape (*Orobanchecumana*), Leaf streak (*Pseudomonas avenae*), Sheath brown rot (*Pseudomonas fuscovaginae*), Seedling rot (*Pseudomonas glumae*), Bacterial halo blight (*Pseudomonas syringaepv. Oryzae*), Potato brown rot (*Ralstonia solanacearum* race 3 biovar 2), Rhododendron-spruce needle rust (*Chrysomyxaledi*), Douglas fir canker / bark canker of conifers (*Phacidiopycnispseudotsuga*) Pine rusts (*Stalactiform blister*), (*Cronartiumcoleosporioides*), Comandra blister rust (*C. comandrae*), Sweet fern blister rust (*C. comptoniae*), Southern fusiform rust (*C. fusiforme*), Western gall rust (*Endocronartiumharknessii*), Brown spot needle blight (*Mycosphaerelladearnesii* syn. *Scirrhiaaacidola*), Seedling die-back, pitch canker (*Fusarium moniliformef.sp. subglutinans*), Needle cast (*Lophodermium*spp.), European larch canker (*Lachnellulawillkommii*), white rot (*Stereumhiugenselmazeki*), Spruce needle rust (*Chrysomyxahimalensis*) Red rust of mulberry (*Aecidium mori* Barclay), Bacterial stain (*Pseudomonas lignicola*Westherd. &Buis.) Cherry-spruce rust (*Pucciniastrumareolatum*Fr. Otth.), (*Erwinia salicis* Day), Pine apple disease (*Ceratocystis paradoxa*), gummosis, (*Xanthomonosvascularum*), Sugarcane downy mildew (*Peronosclerosporasacchari*), Mottled stripe (*Pseudomonas rubrisubalbicans*), Black wart (*Synchytriumendobioticum*), Gangrene (*Phomaexigua* var. *foveata*), Witches' broom (*Crinipellis (Marasmius) perniciososa*), Watery pod rot (*Monilia (Moniliophthora) roreri*), Mealy pod (*Trachysphaerafructigena*), seedling damping-off (*Phytophthora cactorum*), Chestnut downy mildew (*Phytophthora katsurae*), Black pod of cocoa (*Phytophthora megakarya*), Dutch elm disease (*Ceratocystis ulmi*)- American, Canker of grapevine (*Xanthomonas ampelina* Panagopoulos), Blight of grapevine (*Peyronellaea glomerata* Ciferri), Red fire disease of grapevine (*Pseudopeziza tracheiphila*), spotted necrosis of grapevine (*Rhacodiella vitis*), white root rot of apple (*Rosellinia necatrix*), melanose of grapevine (*Septoria melanosa*), Downy mildew (*Pseudoperonosporahumuli*), Stewart's wilt (*Pantoeastewartii* sub sp. *stewartii*), Nebraska wilt (*Clavibactermichiganensis* sub sp. *nebraskensis*), Southern corn blight (*Drechslera maydis* Race T), Ergot (*Claviceps gigantea*), Tropical rust (*Physopellazeae*), Anthracnose (*Kabatellazeae*).