

MINISTÉRIO DA AGRICULTURA, PECUÁRIA E ABASTECIMENTO

SECRETARIA DE DEFESA AGROPECUÁRIA

INSTRUÇÃO NORMATIVA Nº 39, DE 1 DE OUTUBRO DE 2018

[VIDE INSTRUÇÃO NORMATIVA Nº 7, DE 2 DE MAIO DE 2019](#)

[VIDE INSTRUÇÃO NORMATIVA Nº 29, DE 18 DE OUTUBRO DE 2019](#)

[ALTERADO PELA INSTRUÇÃO NORMATIVA Nº 85, DE 24 DE AGOSTO DE 2020](#)

O SECRETÁRIO DE DEFESA AGROPECUÁRIA, SUBSTITUTO, DO MINISTÉRIO DA AGRICULTURA, PECUÁRIA E ABASTECIMENTO, no uso das atribuições que lhe conferem os arts. 18 e 53 do Anexo I do Decreto n.º 8.852, de 20 de setembro de 2016, tendo em vista o disposto no Decreto n.º 24.114, de 12 de abril de 1934, no Decreto n.º 1.355, de 30 de dezembro de 1994, no Decreto n.º 5.759, de 17 de abril de 2006, na Instrução Normativa n.º 23, de 2 de agosto de 2004, na Instrução Normativa n.º 6, de 16 de maio de 2005, na Instrução Normativa n.º 45, de 29 de agosto de 2018 e o que consta do Processo n.º 21000.30910/2018-24, resolve:

Art. 1º Estabelecer, na forma do Anexo desta Instrução Normativa, a lista de Pragas Quarentenárias Ausentes (PQA) para o Brasil.

Parágrafo único. A divulgação da lista de que trata o caput e de suas atualizações será feita periodicamente, por meio digital, no portal institucional do MAPA - www.agricultura.gov.br.

Art. 2º Esta Instrução Normativa entra em vigor na data de sua publicação.

ANEXO

PRAGAS QUARENTENÁRIAS AUSENTES - PQA

ACARINA

Acarus siro

Aceria oleae

Aleuroglyphus beklemishevi

Amphitetranychus viennensis (*Tetranychus viennensis*)

Brevipalpus chilensis

Brevipalpus cuneatus

Brevipalpus lewisi

Calacarus citrifolii

Cenopalpus pulcher
Cheiracus sulcatus
Eotetranychus carpini
Eotetranychus lewisi
Eptrimerus pyri
Eutetranychus orientalis
Halotydeus destructor
Microtydeus hylinus
Oligonychus afrasiaticus
Oligonychus bicolor
Rhizoglyphus robini
Rhizoglyphus setosus
Steneotarsonemus panshini
Steneotarsonemus spinki
Tarsonemus cuttacki
Tenuipalpus punicae
Tetranychus kanzawai
Tetranychus mcdanieli
Tetranychus pacificus
Tetranychus truncatus
Tetranychus turkestanii

BLATTODEA

Microtermes spp.

Croptotermes spp.

COLEOPTERA

Acalymma vittatum

Aegorhinus phaleratus

Aegorhinus superciliosus

Agrilus sinuatus

Agriotes lineatus

Agriotes mancus

Alaus oculatus

Alcidodes sedi

Alphitobius laevigatus

Ampedus collaris

Amphicerus bimaculatus

Anoplophora spp.

Anthonomus spp.(exceto *A. grandis* e *A. tomentosus*)

Aromia bungii

Brachycerus spp.

Brontispa longissima

Bruchidius spp.

Bruchus spp.

Byturus tomentosus

Callidiellum rufipenne

Callosobruchus chinensis

Caryedon serratus

Chaectonema basalis

Chrysobothris mali

Conoderus vespertinus

Conotrachelus nenuphar

Cryptorhynchus lapathi

Dendroctonus spp.

Dexicrates robustus

Diabrotica balteata

Diabrotica barberi
Diabrotica undecimpunctata howardi
Diabrotica virgifera virgifera
Diocalandra frumenti
Diocalandra taitense
Epicaerus cognatus
Eutyrrhinus meditabundus
Haptoncus luteolus
Holotrichia serrata
Hylesinus oleiperda
Hylobius abietis
Hylobius pales
Hylotrupes bajulus
Ips spp.
Latheticus oryzae
Leptinotarsa decemlineata
Limonius californicus
Lissorhoptrus oryzophilus
Melanotus communis
Melolontha melolontha
Monochamus spp.
Monolepta australis
Nathrius brevipennis
Odoiporus longicollis
Oothea bennigseni
Oothea mutabilis
Orthorrhinus klugii
Oryctes rhinoceros
Osphilia tenuipes

Otiorhynchus cribricollis
Otiorhynchus ligustici
Otiorhynchus ovatus
Otiorhynchus rugosostriatus
Otiorhynchus sulcatus
Pagiocerus frontalis
Palorus ratzeburgi
Paropsisterna bimaculata
Paropsisterna m-fuscum
Phonapate frontalis
Phyllophaga spp.
Plocaederus ferrugineus
Popillia japonica
Premnotrypes spp.
Prostephanus truncatus
Rhabdoscelus obscurus
Rhizotrogus majalis
Rhynchophorus ferrugineus
Rhyparida caeruleipennis
Rhyparida clypeata
Rhyparida discopunctulata
Saperda spp.
Sinoxylon spp. (exceto *S. unidentatum*)
Sitophilus granarius
Smicronys sordidus
Smicronyx fulvus
Sphenophorus venatus
Stegobium paniceum

Tetropium fuscum

Thorictodes heydeni

Tomicus piniperda

Trachymela sloanei

Trachymela tincticollis

Trogoderma spp.

Tropinota squalida

Vesperus luridus

Vesperus xatarti

Xyleborus dispar

Xylopertha retusa

DIPTERA

Acanthiophilus helianthi

Anastrepha ludens

Anastrepha suspensa

Atherigona soccata

Bactrocera spp. (exceto *B. carambolae*)

Ceratitis spp. (exceto *C. capitata*)

Chromatomyia horticola

Contarinia pyrivora

Contarinia tritici

Dacus spp.

Delia spp. (exceto *D. platura*)

Eumerus strigatus

Liriomyza bryoniae

Mayetiola destructor

Neosilba batesi

Ophiomyia phaseoli

Orseolia oryzae

Orseolia oryzivora

Prodiplosis longifila

Rabdophaga saliciperda (*Helicomyia saliciperda*)

Rhagoletis spp. (exceto *R. adusta*, *R. blanchardi*, *R. ferruginea*, *R. macquarti*)

Sitodiplosis mosellana

Tipula paludosa

Toxotrypana curvicauda

HEMIPTERA

Aleurocanthus spp. (exceto *A. woglumi*)

Aleurodicus floccissimus (*Lecanoideus floccissimus*)

Anoplocnemis curvipes

Aonidiella citrina

Aphis punicae

Blissus insularis

Cacopsylla pyri

Ceresa alta

Ceroplastes destructor

Ceroplastes japonicus

Ceroplastes rubens

Ceroplastes rusci

Cicadulina mbila

Clavigralla shabadi

Clavigralla tomentosicollis

Crisicoccus matsumotoi

Dialeurodes citri

Diaspidiotus ostreaeformis

Diaspidiotus pyri
Diuraphis noxia
Dysaphis pyri
Dysdercus superstitiosus
Eucalyptolyma maideni
Eulecanium tiliae
Eurigaster integriceps
Helopeltis anacardii
Helopeltis antonii
Helopeltis bradyi
Helopeltis schoutedeni
Homalodisca vitripennis (*Homalodisca coagulata*)
Homoecerus pallens
Icerya aegyptiaca
Icerya seychellarum
Lepidosaphes chinensis
Leptocoris rufomarginata
Leptocoris tagalica
Mercetaspis halli
Metcalfa pruinosa
Nipaecoccus viridis
Parlatoria pseudaspidotus
Perkinsiella saccharicida
Philaenus spumarius
Piezodorus lituratus
Planchonia stentae
Planococcoides njalensis
Planococcus kraunhiae
Planococcus lilacinus

Pollinia pollini

Prosapia bicincta

Pseudococcus calceolariae

Pseudothrips devastans

Pseudothrips wayi

Rastrococcus invadens

Riptortus dentipes

Scaphoideus titanus

Siphoninus phillyreae

Targionia vitis

Thysanofiorinia nephelii (*Fiorinia nephelii*)

Unaspis yanonensis

HYMENOPTERA

Ametastegia glabrata

Cephus cinctus

Cephus pygmaeus

Hoplocampa brevis

Megastigmus spp. (Exceto *M. transvaalensis* e *M. brasiliensis*)

Nematus desantisi

Neodiprion spp.

Ophelimus eucalypti

Selitrichodes globulus

Systole albipennis

Tremex spp.

LEPIDOPTERA

Acrobasis pyrivorella

Adoxophyes orana
Agrius convolvuli
Agrotis lineatus
Agrotis segetum
Amsacta lactinea
Amyelois transitella
Anarsia lineatella
Apomyelois ceratoniae (*Ectomyelois ceratoniae*)
Archips spp.
Argyrogramma signata
Argyrotaenia pulchellana
Batrachedra amydraula
Cacoecimorpha pronubana
Carposina sasakii (*Carposina niponensis*)
Cephonodes hylas
Chilecomadia moorei
Chilecomadia valdiviana
Chilo partellus
Chilo supressalis
Choristoneura spp.
Conogethes punctiferalis
Conopomorpha cramerella
Copitarsia consueta
Copitarsia naenoides
Copitarsia turbata
Cossus cossus
Cryptophlebia ombrodelta
Cydia spp. (exceto *C. araucariae*)
Deilephila elpenor

Dendrolimus spectabilis

Dendrolimus superans

Diaphania indica

Dioryctria zimmermani

Dyspessa ulula

Earias biplaga

Eldana saccharina

Epichoristodes acerbella

Epiphyas postvittana

Erionota thrax

Eudocima fullonia (*Othreis fullona*)

Eupoecilla ambiguella

Euzophera bigella

Gortyna xanthenes

Grapholita dimorpha

Grapholita funebrana

Hedya dimidioalba

Hippotion celerio

Hyphantria cunea

Ichneumenoidea chrysophanes

Keiferia lycopersicella

Lampides boeticus

Leucinodes orbonalis

Leucoptera malifoliella

Leucoptera meyricki

Lobesia botrana

Lymantria dispar

Lymantria monacha

Malacosoma spp.
Mythima separata
Mythimna loreyi
Nacoleia octasema
Orgyia postica
Ostrinia furcanalis
Ostrinia nubilalis
Pandemis heparana
Paranthrene tabaniformis
Parasa lepida
Pectinophora scutigera
Pediasia trisecta
Peribatodes rhomboidaria
Platynota stultana
Prays citri
Proeulia auraria
Proeulia chrysopteris
Rhyacionia spp.
Scirpophaga incertulas
Sesamia inferens
Sparganothis pilleriana
Spilonota albicana
Spilonota ocellana
Spodoptera albula
Spodoptera exigua
Spodoptera littoralis
Spodoptera litura
Thaumetopoea pityocampa
Thaumatotibia leucotreta (*Cryptophlebia leucotreta*)

Vitaceae polistiformis

Xestia c-nigrum

Zeuzera pyrina

ORTHOPTERA

Atractomorpha psittacina

Gryllotalpa gryllotalpa

Schistocerca gregaria

PSOCOPTERA

Liposcelis paeta

THYSANOPTERA

Dichromothrips corbeti

Drepanothrips reuteri

Frankliniella bispinosa

Frankliniella intonsa

Haplothrips aculeatus

Limothrips cerealium

Limothrips denticornis

Pezothrips kellyanus

Scirtothrips aurantii

Scirtothrips dorsalis

Scirtothrips inermis

Scirtothrips mangiferae

Thrips hawaiiensis

FUNGI E OOMYCOTA

Albugo macrospora
Albugo tragopogonis
Alternaria gaisen
Alternaria gossypina
Alternaria linicola
Alternaria triticina
Alternaria vitis
Apiosporina morbosa
Armillaria luteobubalina
Armillaria ostoyae
Arthuriomyces peckianus
Ascochyta sorghi
Atelocauda digitata
Balansia clavula
Balansia oryzae-sativae (*Ephelis oryzae*)
Boeremia foveata (*Phoma exiguavar.foveata*)
Botryosphaeria berengeriana f.sp. pyricola
Botrytis elliptica
Botrytis fabae
Botrytis tulipae
Ceratobasidium cereale (*Rhizoctonia cerealis*)
Cercospora insulana
Chondrostereum purpureum
Cilioplea fulgurata (*Teichospora fulgurata*)
Cladosporium cladosporioides f.sp.pisicola(*Cladosporium pisicola*)
Cladosporium gossypiicola
Cladosporium variabile
Colletotrichum echinochloa
Colletotrichum higginsianum

Colletotrichum impatientis
Colletotrichum kahawae
Colletotrichum linicola
Coniella diplodiella
Coniothyrium glycines (*Pyrenochaeta glycines*; *Dactuliochaeta glycines*)
Coniothyrium hellebori
Cryptosporiopsis sp.
Cronartium spp.
Curvularia australiensis (*Bipolaris australiensis*)
Curvularia uncinata
Curvularia verruculosa
Cylindrosporium phalaenopsidis
Desarmillaria tabescens (*Armillaria tabescens*)
Diaporthe tanakae
Dichotomophthoropsis safeeulaensis
Didymella zae-maydis (*Mycosphaerella zae-maydis*)
Discosia maculicola
Discula pyri (*Phacidiopycnis pyri*)
Drepanopeziza populi-albae (*Marssonina castagnei*)
Drepanopeziza populorum (*Marssonina populi*)
Drepanopeziza punctiformis (*Marssonina brunnea*)
Endocronartium harknessii
Epichloe coenophiala (*Neotyphodium coenophialum*)
Fusarium camptoceras
Fusarium circinatum (*Gibberella circinata*)
Fusarium crookwellense
Fusarium oxysporum f.sp.*asparagi*
Fusarium oxysporum f.sp.*carthami*

Fusarium oxysporum f.sp.*cubense* raça 4 tropical (R4T) (Grupo de Compatibilidade vegetativa: 01213/16)

Fusarium oxysporum f.sp.*lagenariae*

Fusarium oxysporum f.sp.*lilii*

Fusarium oxysporum f.sp.*ranunculi*

Fusarium oxysporum f.sp.*spinaciae*

Fusarium paspali

Fusarium redolens

Fusarium roseum (*Gibberella pulicaris*)

Fusarium xylarioides (*Gibberella xylarioides*)

Gibellulopsis nigrescens (*Verticillium nigrescens*)

Globisporangium paroecandrum (*Pythium paroecandrum*)

Globisporangium sylvaticum (*Pythium sylvaticum*)

Gloeotinia granigena

Glomerella manihotis

Guignardia baccae

Guignardia fulvida

Gymnosporangium spp.

Haplobasidium musae

Helicobasidium longisporum (*Helicobasidium mompa*)

Helicoceras spp.

Hemileia coffeicola

Hendersonia oryzae

Heterobasidium annosum

Hymenoscyphus scutula

Hymenula cerealis (*Cephalosporium gramineum*)

Kabatiella lini (*Polyspora lini*)

Lecanosticta acicola (*Mycosphaerella dearnessii*)

Leptographium procerum

Leptosphaeria libanotis

Marasmius palmivorus

Marssonina occidentalis

Melampsora sp.

Metasphaeria aulica

Monilinia fructigena

Monilinia vaccinii-corymbosi

Moniliophthora roreri

Monosporascus eutypoides

Mycocentrospora acerina

Mycosphaerella gibsonii

Mycosphaerella rabiei (*Didymella rabiei*)

Nectria cinnabarina

Neofabraea vagabunda (*Neofabraea alba*)

Neonectria obtusispora (*Cylindrocarpon obtusisporum*)

Neottiosporina paspali (*Stagonospora paspali*)

Oospora oryzae

Periconia circinata

Peronosclerospora sacchari

Peronospora farinosa

Peronospora impatientis

Peronospora viciae

Phaeosphaerella paspali

Phomopsis impatientis

Phomopsis orchidophila

Phyllosticta solitaria

Phymatotrichopsis omnivora

Phytophthora erythroseptica (*Phytophthora erythrosepticavar.erythroseptica*)

Phytophthora fragariae

Phytophthora megasperma
Phytophthora ramorum
Phytophthora syringae
Plasmopara constantinescui (*Bremiella sphaerosperma*)
Plasmopara obducens
Plenodomus tracheiphilus (*Phoma tracheiphila*)
Podosphaera aphanis
Podosphaera balsaminae
Podosphaera fusca (*Sphaerotheca fusca*)
Polyscytalum pustulans (*Oospora pustulans*)
Protomyces macrosporus
Pseudopezicula tracheiphila (*Pseudopeziza tracheiphila*)
Puccinia argentata (*Puccinia impatientis*)
Puccinia carthami
Puccinia erianthi
Puccinia komarovii
Puccinia rubigo-vera f.sp.*impatientis*
Pyrenophora graminea
Pythium tracheiphilum
Ramularia collo-cygni
Rhizoctonia theobromae (*Oncobasidium theobromae*)
Sclerospora graminicola
Septoria citri
Septoria noli-tangere
Sphaerulina phalaenopsidis
Sporisorium sacchari (*Sphacelotheca sacchari*)
Stagonospora sacchari
Stagonosporopsis andigena (*Phoma andigena*)
Synchytrium endobioticum

Synchytrium impatiens

Taphrina populina

Thecaphora solani (*Angiosorus solani*)

Tilletia indica

Tilletia laevis

Trematosphaeria pertusa

Urocystis agropyri

Valsa nivea

Venturia populina

NEMATODA

Anguina agrostis

Anguina pacificae

Anguina tritici

Aphelenchoides blastophthorus

Belonolaimus longicaudatus

Bursaphelenchus mucronatus

Bursaphelenchus xylophilus

Criconema mutabile

Ditylenchus africanus

Ditylenchus angustus

Ditylenchus destructor

Ditylenchus dipsaci (todas as raças, exceto as do alho)

Ditylenchus emus

Ditylenchus equalis

Ditylenchus fotedari

Globodera pallida

Globodera rostochiensis

Heterodera avenae
Heterodera cajani
Heterodera ciceri
Heterodera goettingiana
Heterodera mediterranea
Heterodera oryzae
Heterodera oryzicola
Heterodera sacchari
Heterodera schachtii
Heterodera trifolii
Heterodera zeae
Longidorus attenuatus
Longidorus elongatus
Meloidogyne chitwoodi
Meloidogyne fallax
Nacobbus aberrans
Nacobbus dorsalis
Pratylenchus fallax
Pratylenchus goodeyi
Pratylenchus pratensis
Pratylenchus scribneri
Pratylenchus thornei
Punctodera chalcoensis
Punctodera punctata (*Heterodera punctata*)
Rotylenchulus macrodoratus
Rotylenchulus parvus
Subanguina radicola
Trichodorus viruliferus
Xiphinema diversicaudatum

Xiphinema italiae

Xiphinema rivesi

Xiphinema vuittenezi

Zygotylenchus guevarai

BACTERIA

Apple chat fruit phytoplasma

Brenneria salicis (*Erwinia salicis*)

Burkholderia glumae

Candidatus Liberibacter africanus

Candidatus Liberibacter solanacearum

Candidatus Phytoplasma palmae (Palm lethal yellowing phytoplasma)

Candidatus Phytoplasma mali (Apple proliferation phytoplasma)

Candidatus Phytoplasma pruni (Peach X-disease phytoplasma)

Candidatus Phytoplasma pyri (Pear decline phytoplasma)

Clavibacter michiganensis subsp.*insidiosus*

Clavibacter michiganensis subsp.*sepedonicus*

Clavibacter michiganensis subsp.*nebraskensis*

Dickeya sp.

Erwinia amylovora

Erwinia rhapontici (*Pectobacterium rhapontici*)

Grapevine flavescence dorée phytoplasma

Grapevine yellows phytoplasma

Pantoea cypripedii (*Pectobacterium cypripedii*)

Pantoea stewartii subsp.*stewartii*(*Erwinia stewartii*;*Pantoea stewartii*)

Peach rosette phytoplasma

Peach yellows phytoplasma

Pseudomonas syringae pv.*aptata*

Pseudomonas syringae pv.*atropurpurea*

Pseudomonas syringae pv.*atropurpurea*

Pseudomonas syringae pv.*primulae*

Pseudomonas syringae pv.*tagetis*

Rhodococcus fascians

Spiroplasma citri

Xanthomonas axonopodis pv.*khayae*

Xanthomonas campestris pv.*aberrans*

Xanthomonas cassavae (*Xanthomonas campestris*pv.*cassavae*)

Xanthomonas fuscans subsp.*aurantifoliigrupo B* (*Xanthomonas axonopodis*pv.*aurantifoliiraça B*)

Xanthomonas oryzae pv.*oryzae*

Xanthomonas oryzae pv.*oryzicola*

Xanthomonas populi

Xanthomonas translucens pv.*graminis*

Xanthomonas vasicola pv.*musacearum*

Xylella fastidiosa subsp.*fastidiosa*

Xylophilus ampelinus

VÍRUS E VIRÓIDES

African cassava mosaic virus (ACMV)

African oil palm ringspot virus (AOPRV)

Andean potato latent virus (APLV)

Arabis mosaic virus (ArMV)

Arracacha virus A (AVA)

Arracacha virus B (AVB)

Artichoke Italian latent virus (AILV)

Artichoke latent virus (ArLV)(ranunculus latent virus)

Artichoke mottled crinkle virus (AMCV)

Artichoke yellow ringspot virus (AYRSV)

Asparagus virus 2 (AV2)

Banana bract mosaic virus (BBrMV)

Banana bunchy top virus (BBTV)

Barley stripe mosaic virus (BSMV)

Beet curly top virus (BCTV)

Beet pseudoyellows virus (BPYV)

Blueberry leaf mottle virus (BLMoV)

Blueberry mosaic associated virus (BIMaV)

Blueberry red ringspot virus (BRRV)

Blueberry scorch virus (BIScV)

Blueberry shock virus (BIShV)

Blueberry shoestring virus (BSSV)

Broad bean wilt virus (BBWV)

Cacao swollen shoot virus (CSSV)

Capsicum chlorosis virus (CaCV)

Celery latent virus (CeLV)

Chicory yellow mottle virus (ChYMV)

Citrus impietratura agent

Citrus leaf rugose virus (CiLRV)

Citrus variegation virus (CVV)

Clover yellow vein virus (CIYVV)

Coconut cadang-cadang viroid (CCCVd)

Coleus blumei viroid 5 (CbVd-5)

Cucumber green mottle mosaic virus (CGMMV)

Fiji disease virus (FDV)

Impatiens necrotic spot virus (MNSV)

Lily virus X (LVX)

Pea early-browning virus (PEBV)

Peach rosette mosaic virus (PRMV)

Peanut stunt virus (PSV)

Pepino mosaic virus (PepMV)

Perlargonium zonate spot virus (PZSV)

Phalaenopsis chlorotic spot virus (PhCSV)

Plum pox virus (PPV)

Poplar mosaic virus (PopMV)

Potato mop-top virus (PMTV)

Potato spindle tuber viroid (PSTVd)

Potato virus A (PVA)

Potato virus T (PVT)

Potato yellowing virus (PYV)

Potyvirus sp.

Ranunculus leaf distortion virus (RanLDV)

Ranunculus mild mosaic virus (RanMMV)

Ranunculus mosaic virus (RanMV)

Ranunculus white mottle virus (RWMV)

Raspberry ringspot virus (RpRSV)

Red clover vein mosaic virus (RCVMV)

Spinach latent virus (SpLV)

St. Augustine grass decline virus strain / Panicum mosaic virus (PMV)(*St. Augustine decline virus- SAD*)

Strawberry latent ringspot virus (SLRSV)

Tobacco rattle virus (TRV)

Tobacco ringspot virus (TRSV)

Tomato black ring virus (TBRV)

Tomato bushy stunt virus (TBSV)

Tomato ringspot virus (ToRSV)

Tulip breaking virus (TBV)

PLANTAS INFESTANTES E PARASITAS

Alopecurus myosuroides

Amaranthus albus

Amaranthus blitoides

Amaranthus graecizans

Apera spica-venti

Arceuthobium spp.

Arctotheca calendula

Asphodelus tenuifolius

Bonnaya antipoda (*Lindernia antipoda*)

Bonnaya ciliata (*Lindernia ciliata*)

Brassica tournefortii

Bromus rigidus

Carduus acanthoides

Carduus pycnocephalus

Centaurea diffusa

Chondrilla juncea

Cirsium arvense

Cleome viscosa

Crassocephalum crepidioides

Cuscuta australis

Cuscuta campestris

Cuscuta epithimum

Cuscuta europaea

Cuscuta reflexa

Descurainia pinnata

Descurainia sophia

Elymus repens (*Agropyron repens*)

Euphorbia esula
Euphorbia helioscopia
Fumaria bastardii
Fumaria densiflora
Fumaria muralis
Galeopsis speciosa
Heliotropium europaeum
Hibiscus trionum
Hirschfeldia incana
Hordeum murinum subsp.*leporinum*(*Hordeum leporium*)
Imperata cylindrica
Kochia scoparia
Lepidium draba (*Cardaria draba*)
Leptochloa chinensis
Lindernia procumbens
Lolium rigidum
Ludwigia adscendens
Melochia corchorifolia
Monochoria vaginalis
Myagrum perfoliatum
Orobanche spp.
Persicaria barbata (*Polygonum barbatum*)
Persicaria nepalensis (*Polygonum nepalense*)
Phalaris paradoxa
Pilosella officinarum (*Hieracium pilosella*)
Rhaponticum repens (*Acroptilon repens*)
Rumex hypogaeus (*Emex australis*)
Salsola kali (*Salsola tragus*)
Senecio vulgaris

Setaria pumila

Sisymbrium loeseli

Sisymbrium orientale

Solanum rostratum

Sonchus arvensis

Sphenoclea zeylanica

Stachytarpheta jamaicensis

Striga spp.

Taeniatherum caput-medusae

Urochloa glumaris (*Brachiaria paspaloides*)

Vulpia ciliata

JORGE CAETANO JUNIOR

D.O.U., 02/10/2018 - Seção 1 Página 11.