**Appendix A**

**W4185 Current Target Pest Groups and Species (2021)**

**Arthropod Pests**

Aphids: (1) *Acyrthosiphon pisum*, (2) *Aphis craccivora,* (3) *Aphis gossypii*, ­­­(4) *Melanocallis caryaefoliae*, (5) *Monellia caryella*, (6) *Monelliopsis pecanis*, (7) *Myzocallis* *walshii,* (8) *Myzus* *persicae,* (9) *Pentalonia nigronervosa*, (10) *Toxoptera citricida*, (11) *Diuraphis noxia,* (12) Unspecified species

Beetles: (1) *Ceutorhynchus obstrictus,* (2) *Diabrotica virgifera virgifera*, (3) *Hypera postica,* (4) *Lilioceris lilii,* (5) *Oulema melanopus,* (6) *Cylas formicarius,* (7) *Oryctes rhinoceros*,(8) *Rhynchophorus ferrugineus,* (9) *Rhynchophorus vulneratus,* (10) *Rhynchophorus palmarum*, (11) *Agrilus auroguttatus,* (12) *Hypothenemus hampei*, (13) *Leptinotarsa decemlineata*, (14) *Anoplophora glabripennis*,(15) *Anaplophora chiniensis,* (16) *Pyrrhalta viburni,* (17) *Euwallacea fornicatus* species complex, (18) Unspecified species

Heteroptera: (1) *Anasa tristis*, (2) *Erythroneura variabilis,* (3) *Leptoglossus clypealis*, (4) *Lygus* spp., (5) *Nezara viridula*, (6) *Bagrada hilaris*, (7) *Halyomorpha haly*s, (8) *Pseudacysta perseae*, (9) *Megacopta cribraria*, (10) *Leptoglossus zonatus,* (11) *Erythroneura ziczac,* (12) Unspecified species

Lepidoptera: (1) *Acropsis muxnoriella*, (2) *Acrolepiopsis assectella*, (3) *Adoxophyes orana,* (4) *Amyelois transitella*, (5) *Anarsia lineatella*, (6) *Choristoneura rosaceana*, (7) *Enarmonia formosana,* (8) *Heliothis zea*, (9) *Marmara* spp., (10) *Pandemis limitata*, (11) *Pandemis heparana*, (12) *Pectinophora gossypiella*, (13) *Phyllocnistis citrella*, (14) *Plutella xylostella*, (15) *Spodoptera exigua* (16) *Epiphyas postvittana,* (17) *Lobesia botrana,* (18) *Stenoma catenifer,* (19) Unspecified species

Sessile (Sternorrynchus) Hemiptera:

(1) *Aonidiella aurantii*, (2) *Coccus pseudomagnoliarum,* (3) *Dysmicoccus brevipes*, (4) *Dysmicoccus neobrevipes*, (5) *Glycaspis brimblecombei*, (6) *Maconellicoccus hirsustus*, (7) *Planococus ficus*, (8) *Pseudococcus maritimus*, (9) *Pseudococcus viburni*, (10) *Quadraspidiosus perniciosus*, (11) *Saissetia oleae*, (12) *Icerya seychellarum*, (13) *Icerya purchasi*, (14) *Aspidiotus destructor*, (15) *Pseudaulacaspis pentagona*, (16) *Quadraspidiotus juglansregiae,* (17 ) *Quadrastichus erythrinae,* (18) *Diaphorina citri*, (19) *Euphyllura olivine*, (20) *Bactericera cockerelli*, (21) *Rhipicephalus annulatus,* (22) Unspecified species

Fruit flies (tephritids*)*:

(1) *Zeugodacus cucurbitae*, (2) *Bactrocera dorsalis,* (3) *Bactrocera latifrons*, (4) *Bactrocera oleae*, (5) *Ceratitis capitata,* (6)Unspecified species

Whiteflies: (1) *Bemisia* spp., (2) *Aleurodicus dugesii*, (3) *Paraleyrodes* spp., (4) Unspecified species.

Other arthropods:

(1) *Cacopsylla pyricola*, (2) *Cephus cinctus,* (3) *Delia radicum,* (4) *Eucalyptolyma maideni*, (5) *Homalodisca vitripennis (*= *coagulata*), (6) *Liriomyza trifolii*, (7) *Scirtothrips perseae,* (8) *Scirtothrips citri,* (9) *Panonychus citri*, (10) *Tetranychus urticae*, (11) *Tetranychus marianae,*(12) *Tetranychus pacificus* , (13) *Oligonychus perseae,* (14) *Quadrastichus erythrinae,* (15) *Piezodorus guildinii*, (16) *Drosophila suzukii,* (17) *Frankliniella occidentalis*, (18) *Caliothrips fasciatus*,(19) *Contarinia nasturtii*, (20) *Rhipicephalus microplus* (21) *Phytomyza gymnostoma* (22) *Lycorma delicatula* (23) Neoscapteriscus spp. (24) Unspecified species

**Weeds**

Brassicas : (1) *Alliaria petiolata,* (2) *Isatis tinctoria,* (3) *Lepidium* (= *Cardaria*) *draba,* (4) *Lepidium latifolium, (5) Brassica tournefortii*

Gorse and broom:

(1) *Ulex europaeus*, (2) *Cytisus* spp., (3) *Genista monspessulana,*

(4) *Spartium junceum*

Grasses: (1) *Arundo donax*, (2) *Phragmites australis*, (3) *Megathrysus infestus,* (4) *Taeniatherum caput-medusae*, (5) *Ventenata* sp., (6) *Bromus tectorum*, (7) *Megathyrsus maximus*

Knapweeds: (1) *Rhaponticum* (*Acroptilon) repens*, (2) *Centaurea diffusa*, (3) *Centaurea stoebe subsp. micranthos*, (4) *Centaurea solstitialis*, (5) *Centaurea virgata spp. squarrosa*

Purple loosestrife: (1) *Lythrum salicaria*

Saltcedars: (1) *Tamarix ramosissima*, (2) *Tamarix* spp.

Spurges: (1) *Euphorbia esula*, (2) *Euphorbia virgata*

Thistles: (1) *Carduus nutans*, (2) *Carduus tenuiflorus,* (3) *Cirsium arvense*, (4) *Cirsium vulgare,* (5) *Carduus pycnocephalus,* (6) *Onopordum spp.*

Tumbleweeds : (1) *Salsola australis,* (2) *Salsola paulsenii,* (3) *Salsola tragus*

Other weeds: (1) *Chondrilla juncea*, (2) *Convolvulus arvensis*, (3) *Cynoglossum officinale*, (4) *Delairea odorata*, (5) *Dipsacus laciniatus*, (6) *Galium aparine*, (7) *Pilosella* (*Hieracium)* spp., (8) *Hypericum perforatum*, (9) *Linaria dalmatica,* subsp. *dalmatica*, (10) *Linaria vulgaris*, (11) *Peganum harmala*, (12) *Potentilla recta*, (13) *Salvia aethiopis*, (14) *Salvinia molesta*, (15) *Jacobaea vulgaris* (*Senecio jacobaea)*,(16) *Tanacetum vulgare,* (17) *Elaeagnus angustifolia*, (18) *Tribulus terrestris,* (19) *Eichhornia crassipes,* (20) *Pueraria montana*, (21) *Leucanthemum vulgare*, (22) *Mikania micrantha*, (23) *Vincetoxicum* spp., (24) *Ludwigia* spp., (25) *Dittrichia graveolens,* (26) Unspecified other species.