

APPENDIX 1: PEST LIST FOR *AVENA* SPP. (OAT) GRAINS FOR CONSUMPTION, FEED OR PROCESSING

REGULATED PESTS (actionable)

Insect

Insecta

Blattodea

Blattidae

Blatta orientalis oriental cockroach

Coleoptera

Bostrichidae

Prostephanus truncatus larger grain borer

Cryptophagidae

Cryptophagus schmidti -

Cucujidae

Cathartus quadricollis squarenecked grain beetle

Curculionidae

Caulophilus oryzae broadnosed grain weevil

Dermestidae

Trogoderma granarium khapra beetle

Trogoderma inclusum trogoderma beetle

Trogoderma ornatum trogoderma beetle

Trogoderma simplex dermestid beetle

Trogoderma sternale dermestid beetle

Trogoderma variabile warehouse beetle

Mycetophagidae

Mycetophagus quadriguttatus spotted hairy fungus beetle

Nitidulidae

Carpophilus obsoletus dried fruit beetle

Ptinidae

Gibbium psylloides shiny spider beetle

Mezium americanum American spider beetle

Niptus hololeucus golden spider beetle

Pseudoeurostus hilleri Spider beetle

Ptinus clavipes brown spider beetle

Ptinus fur whitemarked spider beetle

Ptinus villiger hairy spider beetle

Tipnus unicolor spider beetle

Trigonogenius globulus -

Tenebrionidae

Alphitobius laevigatus black fungus beetle

Alphitophagus bifasciatus two-banded fungus beetle

Blaps mucronata cellar beetle

Gnatocerus maxillosus slenderhorned flour beetle

Latheticus oryzae longheaded flour beetle

Palorus ratzeburgi smalleyed flour beetle

Palorus subdepressus depressed flour beetle

Tribolium audax American black flour beetle

Tribolium destructor dark flour beetle

Trogossitidae	
<i>Lophocateres pusillus</i>	Siamese grain beetle
Hemiptera	
Lygaeidae	
<i>Elasmolomus sordidus</i>	seed bugs
Lepidoptera	
Cosmopterigidae	
<i>Pyroderces rileyi</i>	pink scavenger caterpillar
Pyralidae	
<i>Corcyra cephalonica</i>	rice moth
<i>Ephestia figulilella</i>	raisin moth
<i>Paralipsa gularis</i>	stored nut moth
Tineidae	
<i>Nemapogon variatella</i>	corn moth
Mite	
Arachnida	
Acarina	
Eriophyidae	
<i>Aceria tosichella</i>	Wheat curl mite
<i>Aceria tulipae</i> [vector]	Wheat curl mite
Siteroptidae	
<i>Siteroptes cerealium</i>	asparagus spider mite
Tarsonemidae	
<i>Steneotarsonemus spirifex</i>	oat spiral mite
Nematode	
Secernentea	
Tylenchida	
Anguinidae	
<i>Anguina tritici</i> [vector]	Seed gall nematode
Fungus	
mitosporic fungi (Hyphomycetes)	
Hyphomycetales	
Moniliaceae	
<i>Cephalosporium gramineum</i>	stripe
Bacterium	
-	
Pseudomonadaceae	
<i>Xanthomonas campestris</i> pv. <i>undulosa</i>	leaf streak
Virus	
High plains virus	-

Appendix 1:
Pest List for *Cannabis sativa* seeds for consumption or processing

Pest List for *Cannabis sativa*

Scientific name	Organism type	Common name	Quarantine status	Measures to prevent entry	Actions on interception
<i>Pseudomonas syringae</i> pv. <i>cannabina</i>	bacterium	-	Regulated	4 or 7 or 8	3
<i>Xanthomonas campestris</i> pv. <i>cannabis</i>	bacterium	-	Regulated	4 or 7 or 8	3
<i>Curvularia cymbopogonis</i>	fungus	-	Regulated	4 or 7 or 8	3
<i>Leptosphaeria woroninii</i>	fungus	-	Regulated	4 or 7 or 8	3
<i>Septoria cannabis</i>	fungus	yellow leaf spot	Regulated	4 or 7 or 8	3
<i>hemp mosaic virus</i>	virus	-	Regulated	4 or 7 or 8	3
<i>hemp streak virus</i>	virus	-	Regulated	4 or 7 or 8	3
<i>Pyrrhocoris apterus</i>	Insect	fire bug	Regulated	2 or 4	3
<i>Episyrphus balteatus</i>	Insect		Regulated	2 or 4	3
<i>Ischiodon scutellaris</i>	Insect	syrrhid fly	Regulated	2 or 4	3
<i>Metasyrphus latifasciatus</i>	Insect	syrrhid fly	Regulated	2 or 4	3
<i>Sphaerophoria scripta</i>	Insect	hover fly	Regulated	2 or 4	3
<i>Syrirta pipiens</i>	Insect	hover fly	Regulated	2 or 4	3
<i>Aculops cannabicola</i>	mite	hemp russett mite	Regulated	2 or 4	3
<i>Orobanche ramosa</i>	Weed	branched broomrape	Regulated	2 or 4	3

Measures to prevent entry and establishment

1. No measures.
2. Seed and associated packaging inspected and found to be free from visually detectable regulated pests.
3. Consignments are free from extraneous material, e.g., soil, plant residue that may carry regulated pests.
4. Undergone effective treatment for regulated pests.
5. Undergone specified treatment for regulated pests.
6. Undergone specified testing for regulated pests.
7. Sourced from a pest free area.
8. Sourced from a pest free place of production.

Actions on interception

1. No action.
2. Removal of extraneous material, e.g., soil, plant residue that may carry regulated pests.
3. Treat (if appropriate), reship or destroy.
4. Reship or destroy and suspend pathway.
5. No action if pest not viable.

Appendix 1: Pest List for *Helianthus* spp. Seeds for Consumption, Feed or Processing

Regulated pests (actionable)

Insect

Insecta

Coleoptera

Anthribidae

Araecerus fasciculatus coffee bean weevil

Curculionidae

Haplorhynchites aeneus -

Smicronyx fulvus red sunflower seed weevil

Smicronyx sordidus grey sunflower seed weevil

Dermestidae

Trogoderma granarium khapra beetle

Trogoderma variabile warehouse beetle

Tenebrionidae

Alphitophagus bifasciatus two-banded fungus beetle

Diptera

Cecidomyiidae

Neolasioptera helianthi sunflower seed midge

Lepidoptera

Noctuidae

Helicoverpa punctigera oriental tobacco budworm

Helicoverpa zea American bollworm

Heliothis virescens tobacco budworm

Pyralidae

Conogethes punctiferalis yellow peach moth

Homoeosoma electellum -

Tortricidae

Cochylis hospes -

Orthoptera

Acrididae

Dichroplus elongatus -

Zonocerus variegatus stink locust

Fungus

Ascomycota

Diaporthales

Valsaceae

Diaporthe helianthi (anamorph *Phomopsis helianthi*) -

Dothideales

Leptosphaeriaceae

Leptosphaeria lindquistii leaf spot

mitosporic fungi (Coelomycetes)

Sphaeropsidales

Sphaerioidaceae

Septoria helianthi septoria leaf spot

mitosporic fungi (Hyphomycetes)

Hyphomycetales

Moniliaceae

Aspergillus parasiticus mould

Bacterium

-

Pseudomonadaceae

Pseudomonas syringae pv. *aptata*

bacterial spot

Pseudomonas syringae pv. *tagetis*

bacterial leaf spot

Virus

family Bromoviridae

genus Ilarvirus

Sunflower ringspot virus

-

family Potyviridae

genus Potyvirus

Sunflower mosaic virus

-

Appendix 1: Pest List for *Hordeum* spp. (barley) Grains for Consumption, Feed or Processing

REGULATED PESTS (actionable)

Insect

Insecta

Blattodea

Blattidae

Blatta orientalis oriental cockroach

Coleoptera

Curculionidae

Caulophilus oryzae broadnosed grain weevil

Dermestidae

Trogoderma granarium khapra beetle

Trogoderma grassmani trogoderma beetle

Trogoderma inclusum trogoderma beetle

Trogoderma irroratum trogoderma beetle

Trogoderma ornatum trogoderma beetle

Trogoderma simplex dermestid beetle

Trogoderma sternale dermestid beetle

Trogoderma variabile warehouse beetle

Languriidae

Pharaxonotha kirschii Mexican grain beetle

Tenebrionidae

Embaphion muricatum false wireworm

Latheticus oryzae longheaded flour beetle

Palorus ratzeburgi smalleyed flour beetle

Palorus subdepressus depressed flour beetle

Tribolium audax American black flour beetle

Tribolium destructor dark flour beetle

Lepidoptera

Tineidae

Haplotinea insectella casemaking moth

Tinea fictrix casemaking moth

Mite

Arachnida

Acarina

Acaridae

Acarophenax tribolii [Animals Biosecurity] grain mite

Eriophyidae

Aceria tosichella wheat curl mite

Aceria tulipae [vector] wheat curl mite

Pyemotidae

Pyemotes herfsi straw itch mite

Fungus

Basidiomycota: Ustomycetes

Tilletiaceae

<i>Tilletia controversa</i>	dwarf bunt
Mitosporic fungi (Hyphomycetes)	
Hyphomycetales	
Moniliaceae	
<i>Cephalosporium gramineum</i>	stripe
Tuberculariales	
Tuberculariaceae	
<i>Fusarium longipes</i>	fusarium head blight
Bacterium	
Corynebacteriaceae	
<i>Rathayibacter tritici</i>	yellow ear rot
Pseudomonadaceae	
<i>Pseudomonas syringae</i> pv. <i>striaefaciens</i>	bacterial stripe blight
<i>Xanthomonas campestris</i> pv. <i>undulosa</i>	leaf streak
Virus	
<i>Barley mosaic virus</i>	-
<i>High plains virus</i>	-

Appendix 1: Pest List for *Panicum* spp. Seeds for Consumption, Feed or Processing

REGULATED PESTS (actionable)

Insect

Insecta

Coleoptera

Dermestidae

Trogoderma inclusum

trogoderma beetle

Trogoderma ornatum

trogoderma beetle

Tenebrionidae

Palorus ratzeburgi

small-eyed flour beetle

Nematode

Secernentea

Tylenchida

Aphelenchoididae

Aphelenchoides besseyi

rice white-tip nematode

Fungus

Ascomycota

Dothideales

Melanommataceae

Melanomma panici-miliacei

-

Pleosporaceae

Cochliobolus pallescens (anamorph *Curvularia pallescens*)

--

Cochliobolus setariae (anamorph *Bipolaris setariae*)

bipolaris flower and leaf spot

Hypocreales

Clavicipitaceae

Balansia andropogonis

-

Balansia claviceps

-

Balansia epichloe

Fescue foot of fescue pasture

Balansia henningsiana

Black ring of Panicum

Balansia oryzae-sativae

-

Balansia pallida (anamorph *Ephelis pallida*)

--

Balansia sclerotica

-

Balansia strangulans

-

Claviceps Africana

ergot

Claviceps fusiformis

-

Claviceps maximensis

-

Claviceps sorghi (anamorph *Sphacelia sorghi*)

ergot

Basidiomycota: Ustomycetes

Ustilaginales

Tilletiaceae

Tilletia ayresii

bunt of guinea grass

Tilletia barclayana

-

Tilletia biharica

-

Tilletia courtetiana

-

Tilletia maclagani

smut

Tilletia narayanaraoana

-

Tilletia tumefaciens

-

Tilletia verrucosa

-

Ustilaginaceae	
<i>Sorosporium afrum</i>	smut
<i>Sorosporium cryptum</i>	-
<i>Sorosporium formosanum</i>	Smut
<i>Sorosporium harrismithense</i>	-
<i>Sorosporium manchuricum</i>	-
<i>Sorosporium panici</i>	-
<i>Sphacelotheca digitariae</i>	-
<i>Sphacelotheca veracruziana</i>	-
<i>Sporisorium cenchri</i>	loose smut
<i>Sporisorium destruens</i>	head smut
<i>Sporisorium sorghi</i>	kernel smut
<i>Ustilago crameri</i>	kernal smut
<i>Ustilago heterogena</i>	-
Oomycota	
Sclerosporales	
Sclerosporaceae	
<i>Peronosclerospora graminicola</i>	graminicola downy mildew
<i>Peronosclerospora sorghi</i>	sorghum downy mildew
mitosporic fungi (Hyphomycetes)	
Hyphomycetales	
Dematiaceae	
<i>Alternaria saparva</i>	-
<i>Bipolaris panici-miliacei</i>	-
<i>Bipolaris urochloae</i>	bipolaris flower speck
Moniliaceae	
<i>Aspergillus tamarii</i>	--
<i>Gloeocercospora sorghi</i>	zonate leaf spot
Virus	
..	
family Tombusviridae	
genus Panicovirus	
<i>Panicum mosaic virus</i>	PMV
Weed	
Angiospermae	
Scrophulariales	
Scrophulariaceae	
<i>Striga densiflora</i>	-
<i>Striga hermonthica</i>	witch-weed

Appendix 1: Pest List for *Phaseolus* spp. Seeds for Consumption, Feed or Processing

REGULATED PESTS (actionable)

Insect

Insecta

Coleoptera

Bostrichidae

Prostephanus truncatus larger grain borer

Bruchidae

Acanthoscelides argillaceus bean weevil

Acanthoscelides obvelatus bruchid beetle

Bruchidius atrolineatus seed beetle

Bruchidius incarnatus seed beetle

Bruchus pisorum pea weevil

Callosobruchus analis cowpea weevil

Callosobruchus maculatus cowpea weevil

Callosobruchus phaseoli cowpea weevil

Zabrotes subfasciatus Mexican bean weevil

Lepidoptera

Pyralidae

Etiella grisea pod borer

Etiella grisea drososcia pod borer

Etiella zinckenella limabean pod borer

Tortricidae

Cydia fabivora pod moth

Matsumuraeses phaseoli Adzuki pod worm

Fungus

Ascomycota

Dothideales

Elsinoaceae

Elsinoe phaseoli scab

Pleosporaceae

Cochliobolus miyabeanus (anamorph -

Bipolaris oryzae)

mitosporic fungi (Coelomycetes)

Sphaeropsidales

Sphaerioidaceae

Phoma exigua var. *diversispora* ascochyta leaf spot

Bacterium

Corynebacteriaceae

Curtobacterium flaccumfaciens pv.

flaccumfaciens bacterium wilt

Virus

Artichoke yellow ringspot virus -

Bean common mosaic virus [blackeye cowpea mosaic strain] -

<i>Broad bean mottle virus</i>	-
<i>Cowpea severe mosaic virus</i>	-
<i>Pea early-browning virus</i>	-
<i>Peanut mottle virus</i>	-
<i>Peanut stunt virus</i>	-
<i>Southern bean mosaic virus</i>	-
<i>Tomato black ring virus</i>	-

Appendix 1: Pest List for *Pisum* spp. Seeds for Consumption, Feed or Processing

REGULATED PESTS (actionable)

Insect

Insecta

Coleoptera

Bruchidae

<i>Acanthoscelides zeteki</i>	bruchid beetle
<i>Bruchidius atrolineatus</i>	seed beetle
<i>Bruchidius incarnatus</i>	seed beetle
<i>Bruchidius quinqueguttatus</i>	bruchid beetle
<i>Bruchus affinis</i>	bruchid beetle
<i>Bruchus emarginatus</i>	Mediterranean pulse beetle
<i>Bruchus ervi</i>	bruchid beetle
<i>Bruchus lentis</i>	bruchid beetle
<i>Bruchus pisorum</i>	pea weevil
<i>Bruchus rufimanus</i>	broad bean weevil
<i>Bruchus tristis</i>	bruchid beetle
<i>Callosobruchus analis</i>	cowpea weevil
<i>Callosobruchus chinensis</i>	oriental cowpea weevil
<i>Callosobruchus maculatus</i>	cowpea weevil

Dermestidae

<i>Trogoderma granarium</i>	khapra beetle
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Lepidoptera

Lycaenidae

<i>Euchrypsops cnejus</i>	blue butterfly
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Noctuidae

<i>Spodoptera praefica</i>	western yellowstriped armyworm
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Pyralidae

<i>Etiella zinckenella</i>	limabean pod borer
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Tortricidae

<i>Cydia nigricana</i>	pea moth
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Fungus

mitosporic fungi (Hyphomycetes)

Hyphomycetales

Dematiaceae

<i>Cladosporium cladosporioides</i> f. sp. <i>pisicola</i>	cladosporium blight
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Virus

<i>Broad bean mottle virus</i>	-
<i>Broad bean stain virus</i>	-
<i>Clover yellow mosaic virus</i>	-
<i>Pea early-browning virus</i>	-
<i>Pea enation mosaic virus</i>	-
<i>Peanut mottle virus</i>	-
<i>Peanut stunt virus</i>	-

Appendix 1: Pest List for *Secale cereale* (rye) Grains for Consumption, Feed or Processing

REGULATED PESTS (actionable)

Insect

Insecta

Coleoptera

Dermestidae

Trogoderma granarium

khapra beetle

Trogoderma variabile

warehouse beetle

Tenebrionidae

Embaphion muricatum

false wireworm

Fungus

Basidiomycota: Ustomycetes

Ustilaginales

Tilletiaceae

Tilletia controversa

dwarf bunt

Urocystis occulta

--

mitosporic fungi (Coelomycetes)

Sphaeropsidales

Sphaerioidaceae

Septoria secalis

--

Bacterium

-

Pseudomonadaceae

Xanthomonas campestris pv. *undulosa*

leaf streak

Xanthomonas translucens pv. *cerealis*

-

Xanthomonas translucens pv. *secalis*

bacterial streak

Virus

genus Tobravirus

Tobacco rattle virus [strains not in NZ]

TRV

Appendix 1: Pest List for *Sorghum bicolor* (sorghum) Grains for Consumption, Feed or Processing

REGULATED PESTS (actionable)

Insect

Insecta

Coleoptera

Bostrichidae

<i>Dinoderus distinctus</i>	bostrichid beetle
<i>Prostephanus truncatus</i>	larger grain borer

Dermestidae

<i>Trogoderma glabrum</i>	khapra beetle
<i>Trogoderma granarium</i>	khapra beetle
<i>Trogoderma grassmani</i>	trogoderma beetle
<i>Trogoderma simplex</i>	dermestid beetle
<i>Trogoderma sternale</i>	dermestid beetle
<i>Trogoderma variabile</i>	warehouse beetle

Languriidae

<i>Pharaxonotha kirschii</i>	Mexican grain beetle
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Tenebrionidae

<i>Alphitobius laevigatus</i>	black fungus beetle
<i>Latheticus oryzae</i>	longheaded flour beetle
<i>Palorus subdepressus</i>	depressed flour beetle

Diptera

Cecidomyiidae

<i>Contarinia sorghicola</i>	sorghum midge
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Hymenoptera

Formicidae

<i>Solenopsis invicta</i>	red imported fire ant
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Lepidoptera

Pyralidae

<i>Corcyra cephalonica</i>	rice moth
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Fungus

Ascomycota

Dothideales

Pleosporaceae

<i>Cochliobolus nodulosus</i> (anamorph <i>Bipolaris nodulosa</i>)	leaf blight
<i>Cochliobolus tuberculatus</i> (anamorph <i>Curvularia tuberculata</i>)	leaf spot

Hypocreales

Clavicipitaceae

<i>Claviceps africana</i>	ergot
<i>Claviceps sorghi</i> (anamorph <i>Sphacelia sorghi</i>)	ergot
<i>Claviceps sorghicola</i>	Ergot

Basidiomycota: Ustomycetes

Ustilaginales

Ustilaginaceae

<i>Sporisorium cruentum</i>	loose smut
<i>Sporisorium sorghi</i>	kernel smut
<i>Tolyposporium ehrenbergii</i>	long smut

Mitosporic Fungi (Coelomycetes)

Sphaeropsidales

Sphaerioidaceae

<i>Phoma sorghina</i>	seed disease
Mitosporic Fungi (Hyphomycetes)	
Hyphomycetales	
Dematiaceae	
<i>Cochliobolus geniculatus</i>	leaf spot
<i>Curvularia penniseti</i>	leaf spot
<i>Drechslera longirostrata</i>	seed rot
<i>Drechslera sorghicola</i>	grain mould
Moniliaceae	
<i>Aspergillus</i> spp.	coloured moulds
<i>Gloeocercospora sorghi</i>	zonate leaf spot
Tuberculariales	
Tuberculariaceae	
<i>Fusarium chlamydosporum</i>	root and stem rot
Oomycota	
Sclerosporales	
Sclerosporaceae	
<i>Peronosclerospora graminicola</i>	graminicola downy mildew
<i>Peronosclerospora philippinensis</i>	Philippine downy mildew
<i>Peronosclerospora sorghi</i>	sorghum downy mildew
Virus	
-	-
peanut clump furovirus	-
sugarcane mosaic potyvirus [strain]	-
..	
family Bromoviridae	
genus Bromovirus	
<i>Brome mosaic virus</i>	-
family Rhabdoviridae	
genus Nucleorhabdovirus	
<i>Maize mosaic virus</i>	-
family Sequiviridae	
genus Wakavirus	
<i>Maize chlorotic dwarf virus</i>	-

Appendix 1: Pest List for *Triticum* (wheat) Grains for Consumption, Feed or Processing

REGULATED PESTS (actionable)

Insect

Insecta

Blattodea

Blattidae

Blatta orientalis oriental cockroach

Coleoptera

Bostrichidae

Dinoderus distinctus bostrichid beetle

Prostephanus truncatus larger grain borer

Bruchidae

Callosobruchus chinensis oriental cowpea weevil

Curculionidae

Caulophilus oryzae broadnosed grain weevil

Dermestidae

Trogoderma glabrum khapra beetle

Trogoderma granarium khapra beetle

Trogoderma grassmani trogoderma beetle

Trogoderma inclusum trogoderma beetle

Trogoderma ornatum trogoderma beetle

Trogoderma simplex dermestid beetle

Trogoderma sternale dermestid beetle

Trogoderma variabile warehouse beetle

Languriidae

Pharaxonotha kirschii Mexican grain beetle

Tenebrionidae

Cynaesus angustus larger black flour beetle

Latheticus oryzae longheaded flour beetle

Palorus ratzeburgi smalleyed flour beetle

Palorus subdepressus depressed flour beetle

Tribolium audax American black flour beetle

Tribolium freemani flour beetle

Ulomoides dermestoides darkling beetle

Diptera

Cecidomyiidae

Contarinia pisi pea midge

Lepidoptera

Noctuidae

Faronta albilinea wheat head armyworm

Pyralidae

Corcyra cephalonica rice moth

Paralipsa gularis stored nut moth

Tineidae

Cephitinea colonella grain moth

Haplotinea insectella casemaking moth

Psocoptera

Liposcelidae

Troctes minutus psocid

Mite**Arachnida****Acarina****Acaridae***Caloglyphus krameri* -*Michaelopus macfarlanei* -**Eriophyidae***Aceria tulipae* (vector) wheat curl mite*Aceria tosichella* wheat curl mite**Tarsonemidae***Tarsonemus granarius* -**Tuckerellidae***Tuckerella ablutus* -**unknown Acarina***Paratriophtydeus coineaurius* -**Nematode****Secernentea****Tylenchida****Anguinidae***Anguina tritici* [vector]

seed gall nematode

Fungus**Basidiomycota: Ustomycetes****Ustilaginales****Tilletiaceae***Tilletia controversa* dwarf bunt*Tilletia indica* karnal bunt**Mitosporic fungi (Hyphomycetes)****Hyphomycetales****Dematiaceae***Alternaria triticina* -**Moniliaceae***Cephalosporium gramineum* stripe**Corynebacteriaceae****Bacterium***Rathayibacter tritici* yellow ear rot**Pseudomonadaceae***Xanthomonas campestris* pv. *undulosa* leaf streak**Virus***High plains virus* -*Indian peanut clump virus* -

Appendix 1: Pest List for *Vicia* spp. Seeds for Consumption, Feed or Processing

REGULATED PESTS (actionable)

Insect

Insecta

Coleoptera

Bruchidae

<i>Bruchidius incarnatus</i>	seed beetle
<i>Bruchidius quinqueguttatus</i>	bruchid beetle
<i>Bruchus atomarius</i>	bruchid beetle
<i>Bruchus dentipes</i>	bruchid beetle
<i>Bruchus pisorum</i>	pea weevil
<i>Bruchus rufimanus</i>	broad bean weevil
<i>Callosobruchus chinensis</i>	oriental cowpea weevil
<i>Callosobruchus maculatus</i>	cowpea weevil
<i>Callosobruchus phaseoli</i>	cowpea weevil

Dermestidae

<i>Trogoderma granarium</i>	khapra beetle
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Tenebrionidae

<i>Tribolium destructor</i>	dark flour beetle
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Diptera

Cecidomyiidae

<i>Contarinia pisi</i>	pea midge
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Lepidoptera

Lycaenidae

<i>Virachola livia</i>	pomegranate butterfly
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Virus

<i>Artichoke yellow ringspot virus</i>	-
<i>Broad bean mottle virus</i>	-
<i>Broad bean stain virus</i>	-
<i>Broad bean true mosaic virus</i>	-
<i>Clover yellow mosaic virus</i>	-
<i>Pea early-browning virus</i>	-
<i>Pea enation mosaic virus</i>	-
<i>Peanut stunt virus</i>	-
<i>Red clover vein mosaic virus</i>	-

Appendix 1: Pest List for *Zea mays* (maize) Grains for consumption, feed or processing

REGULATED PESTS (actionable)

Insect

Insecta

Bostrichidae

<i>Dinoderus distinctus</i>	bostrichid beetle
<i>Dinoderus minutus</i>	bamboo powderpost beetle
<i>Prostephanus truncatus</i>	larger grain borer

Cucujidae

<i>Cathartus quadricollis</i>	squarenecked grain beetle
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Curculionidae

<i>Caulophilus oryzae</i>	broadnosed grain weevil
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Dermestidae

<i>Attagenus unicolor</i>	black carpet beetle
<i>Trogoderma glabrum</i>	khapra beetle
<i>Trogoderma granarium</i>	khapra beetle
<i>Trogoderma inclusum</i>	trogoderma beetle
<i>Trogoderma variabile</i>	warehouse beetle

Histeridae

<i>Teretriosoma nigrescens</i>	-
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Languriidae

<i>Pharaxonotha kirschii</i>	Mexican grain beetle
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Melyridae

Nitidulidae

<i>Carpophilus freemani</i>	dried fruit beetle
<i>Carpophilus lugubris</i>	dusky sap beetle
<i>Glischrochilus quadrisignatus</i>	four-spotted sap beetle

Ptinidae

<i>Gibbium psylloides</i>	shiny spider beetle
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Scolytidae

<i>Pagiocerus frontalis</i>	bark borer
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Tenebrionidae

<i>Alphitobius laevigatus</i>	black fungus beetle
<i>Cynaesus angustus</i>	larger black flour beetle
<i>Gnatocerus maxillosus</i>	slenderhorned flour beetle
<i>Latheticus oryzae</i>	longheaded flour beetle
<i>Palorus ratzeburgi</i>	smalleyed flour beetle
<i>Palorus subdepressus</i>	depressed flour beetle
<i>Tribolium freemani</i>	flour beetle

Diptera

Otitidae

<i>Euxesta stigmatias</i>	-
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Hemiptera

Coreidae

<i>Leptoglossus zonatus</i>	coreid bug
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Lepidoptera

Cosmopterigidae

<i>Pyroderces rileyi</i>	pink scavenger caterpillar
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Noctuidae

<i>Sesamia calamistis</i>	pink stalk borer
<i>Sesamia nonagrioides</i>	pink borer

Pyralidae

<i>Corcyra cephalonica</i>	rice moth
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<i>Doloessa viridis</i>	-
<i>Mussidia nigrivenella</i>	pyralid moth
<i>Paralipsa gularis</i>	stored nut moth
Tortricidae	
<i>Cryptophlebia leucotreta</i>	false codling moth
Psocoptera	
Liposcelidae	
<i>Liposcelis bostrychophilus</i>	booklouse
<i>Liposcelis entomophilus</i>	grain psocid
<i>Liposcelis paetus</i>	booklouse
Trogiidae	
<i>Lepinotus reticulatus</i>	-
Mite	
Arachnida	
Acarina	
Pyemotidae	
<i>Acaropsellina sollers</i>	-
Fungus	
Ascomycota	
Dothideales	
Botryosphaeriaceae	
<i>Botryosphaeria zeae</i> (anamorph <i>Macrophoma zeae</i>)	grey ear rot
Pleosporaceae	
<i>Cochliobolus pallescens</i> (anamorph <i>Curvularia pallescens</i>)	--
<i>Cochliobolus tuberculatus</i> (anamorph <i>Curvularia tuberculata</i>)	leaf spot
Hypocreales	
Clavicipitaceae	
<i>Claviceps gigantea</i>	ergot
Basidiomycota: Ustomycetes	
Ustilaginales	
Ustilaginaceae	
<i>Ustilago maydis</i>	boil smut
Mitosporic Fungi (Coelomycetes)	
Sphaeropsidales	
Sphaerioidaceae	
<i>Stenocarpella macrospora</i>	dry rot of maize
<i>Phaocytostroma ambiguum</i>	-
Mitosporic Fungi (Hyphomycetes)	
Hyphomycetales	
Moniliaceae	
<i>Cephalosporium maydis</i>	--
Oomycota	
Sclerosporales	
Sclerosporaceae	
<i>Peronosclerospora heteropogoni</i>	-
<i>Peronosclerospora maydis</i>	Java downy mildew
<i>Peronosclerospora philippinensis</i>	Philippine downy mildew
<i>Peronosclerospora sacchari</i>	-
<i>Peronosclerospora sorghi</i>	sorghum downy mildew

Verrucalvaceae		
<i>Sclerophthora rayssiae</i> var. <i>zeae</i>		--
Zygomycota: Zygomycetes		
Mucorales		
Mucoraceae		
<i>Rhizopus maydis</i>		rhizopus seed rot
Bacterium		
Corynebacteriaceae		
<i>Clavibacter michiganensis</i> subsp. <i>nebraskensis</i>		Goss' bacterial wilt
Enterobacteriaceae		
<i>Pantoea stewartii</i>		Stewart's bacterial wilt
Pseudomonadaceae		
<i>Acidovorax avenae</i> subsp. <i>avenae</i>		bacterial blight
Virus		
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High plains virus		-
family Potyviridae		
genus Potyvirus		
<i>Maize dwarf mosaic virus</i>		-
Weed		
Angiospermae		
Scrophulariales		
Scrophulariaceae		
<i>Striga asiatica</i>		witch-weed
<i>Striga hermonthica</i>		witch-weed