



*Note: The below information is showing the content of the requests as received.

a.i	Crop	Countries	Pest
Abamectin	Banana	Costa Rica Ecuador Guatemala Honduras	Nematodes (<i>Radopholus similis</i> , <i>Radopholus sp</i> , <i>Pratylenchus sp</i>), Banana weevil (<i>Cosmopolites sordidus</i>), Mites (<i>Dysmicoccus brevipes</i>), Red spider mite (<i>Tetranychus sp.</i>)
Borax; Borate salts	Banana	Colombia	Nutrition
Boric acid	Banana	Colombia	Nutrition
Bromadiolone	Banana	Guatemala	Rodents (<i>Mus sp.</i> y <i>Rattus sp.</i>)
Cadusafos	Banana	Costa Rica, Honduras, Guatemala, Ecuador	Nematodes (<i>Radopholus silmillis</i> , <i>Meloidogyne sp</i> , <i>Meloidgune sp</i> , <i>Pratylenchus sp.</i> , <i>Helicotylenchus sp.</i>), Banana weevil (<i>Cosmopolites sordidus</i>)
Carbendazim	Banana	Philippines	Diamond Fruit Sport (<i>Cercospora hayii</i>), Anthracnose (<i>Colletotrichum musae</i>)
Carbofuran	Banana	Philippines	Nematodes (<i>Radopholus similis</i> , <i>Helicotylenchus sp.</i> , <i>Pratylenchus sp.</i> <i>Meloidogyne sp.</i>) , Banana Weevil (<i>Cosmopolites sordidus</i>), Banana fruit scarring beetle (<i>Colaspis hyperchlora</i>)

a.i	Crop	Countries	Pest
Chlorothalonil	Banana	Ecuador, Costa Rica, Philippines, Honduras, Guatemala, Colombia	Black Sigatoka (<i>Mycosphaerella fijiensis</i>), Yellow Sigatoka (<i>Mycosphaerella musicola</i>), Banana Freckle (<i>Phyllosticta musarum</i>)
Chlorpyrifos	Banana	Philippines, Costa Rica, Honduras, Guatemala, Ecuador, Colombia	Mealybug (<i>Dysmicoccus brevipes</i> , <i>Pseudococcus elisae</i> , <i>Pseudococcus sp</i> , <i>Ferrista sp</i>), <i>Dysmicoccus sp</i> , Scale insects (<i>Aspidiotus destructor</i> , <i>Diaspis boisduvalii</i>), Thrips (<i>Thrips florum</i> , <i>Franckliniella spp</i> , <i>Chaetanaphothrips signipennis</i>), Banana fruit scarring beetle (<i>Colaspis hyperchlora</i> , <i>Colaspis spp</i>), Aphids (<i>Pentalonia sp</i> , <i>Pentatonia nigronevosa</i>), Ants (<i>Formicidae</i>), Wasps (<i>Osarema costaricensis</i>), Worm (<i>Pyroderces rileyi</i>), Black Sigatoka (<i>Mycosphaerella fijiensis</i>), Yellow Sigatoka (<i>Micosphaerella musicola</i>), Banana Weevil (<i>Cosmopolites sordidus</i>),
Chlorpyrifos-methyl	Banana	Guatemala, Honduras, Costa Rica	Mealybugs (<i>Pseudococcus elisae</i>) Scale (<i>Aspidiotus destructor</i> , <i>Diaspis boisduvalii</i>), Aphids (<i>Pentalonia sp</i>)

a.i	Crop	Countries	Pest
Epoxiconazole	Banana	Ecuador, Costa Rica, Philippines, Guatemala, Honduras, Colombia, Ivory Coast, Cameroon	Black Sigatoka (<i>Mycosphaerella fijiensis</i>), Yellow Sigatoka (<i>Mycosphaerella musicola</i>)
Ethoprophos	Banana	Costa Rica, Honduras, Guatemala, Ecuador	Nematodes (<i>Radopholus silmillis</i> , <i>Meloidogyne sp</i> , <i>Meloidgune sp</i> , <i>Pratylenchus sp</i> , <i>Helicotylenchus sp.</i>), Banana Weevil (<i>Cosmopolites sordidus</i>), Weeds (<i>Rottboellia cochinchinensis</i> , <i>Commelina diffusa</i> , <i>Bidens pilosa</i> , <i>Peperomia pellucida</i> , <i>Echinochloa colonum</i> , <i>Pityrogramma calomelanos</i> , <i>Eleusine indica</i> , <i>Cyperus luzulae</i>)
Fenamiphos	Banana	Costa Rica	Nematodes (<i>Radopholus silmillis</i> , <i>Meloidogyne sp</i> , <i>Meloidgune sp</i> , <i>Pratylenchus sp</i> , <i>Helicotylenchus sp.</i> <i>Rotylenchulus sp</i>), Banana Weevil (<i>Cosmopolites sordidus</i>)
Flocoumafen	Banana	Guatemala, Honduras, Costa Rica	Rodents (<i>Mus sp.</i> y <i>Rattus sp.</i>)

a.i	Crop	Countries	Pest
Glufosinate-ammonium	Banana	Ecuador, Costa Rica, Guatemala, Colombia, Ghana, Ivory Coast, Cameroon	Weeds (<i>Cyperus rotundus</i> , <i>Eleusine indica</i> , <i>Singonium</i> sp., <i>Ipomoea</i> sp., <i>Amaranthus</i> sp., <i>Pityrogramma calomelanos</i> , <i>Borreria</i> sp., <i>Mitracarpus</i> sp., <i>Pueraria phaseolipides</i> , <i>Blechum</i> sp., <i>Commelina</i> sp., <i>Commelina diffusa</i> , <i>Ageratum conyzoides</i> , <i>Galinsoga ciliata</i> , <i>Bidens pilosa</i> , <i>Cissus sicyodes</i> , <i>Macohadyena unguis-cati</i> , <i>Momordica charantia</i> , <i>Phyllanthus ninury</i> , <i>Eleusine indica</i> , <i>Echinochloa</i> sp., <i>Echinochloa colonum</i> , <i>Rottboellia exaltata</i> , <i>Rottboellia cochinchinensis</i> , <i>Leptochloa filiformis</i> , <i>Paspalum</i> sp., <i>Paspalum conjugatum</i> , <i>Cynodon dactylon</i> , <i>Pteridium aquilinum</i> , <i>Singonium</i>
Imidacloprid	Banana	Costa Rica, Honduras, Guatemala, Ecuador, Ivory Coast, Cameroon, Philippines	Banana Weevils (<i>Cosmopolites sordidus</i>) Mealybugs (<i>Pseudococcus elisae</i>) Scales (<i>Aspidiotus destructor</i>) Aphids (<i>Diaspis boisduvalii</i> , <i>Pentalonia</i> sp.), Bergkaree (<i>Leptodictya</i> sp.), Banana flower thrips (<i>Thrips florum</i>)

a.i	Crop	Countries	Pest
Oxamyl	Banana	Costa Rica, Honduras, Guatemala, Ecuador, Ivory Coast, Cameroon, Philippines	Nematodes (<i>Radopholus similis</i> , <i>Meloidogyne sp</i> , <i>Pratylenchus sp</i> , <i>Helicotylenchus sp</i> , <i>Rotylenchulus sp</i> , <i>Radopholus sp</i>), Banana Weevils (<i>Cosmopolites sordidus</i>)
Paraffin oils with a DMSO content > 3%	Banana	Colombia	Black Sigatoka (<i>Micosphaerella fijiensis</i>)
Paraquat dichloride	Banana	Ecuador	Weeds (<i>Rottboellia cochinchinensis</i> , <i>Echinochloa colonum</i> , <i>Fleurya aestuans</i> , <i>Momordica charantia</i> , <i>Panicum trichoides</i>)
Propiconazol	Banana	Ecuador, Philippines, Colombia, Guatemala	Black Sigatoka (<i>Micosphaerella fijiensis</i>), Yellow Sigatoka (<i>Micosphaerella musicola</i>), Thrips (<i>Frankliniella spp.</i>)

a.i	Crop	Countries	Pest
Terbufos	Banana	Costa Rica Honduras Guatemala Ivory Coast Cameroon	Nematodes (<i>Radopholus similis</i> , <i>Radopholus sp</i> , <i>Pratylenchus sp</i> , <i>Meloidogyne sp</i> , <i>Meloidgune sp</i> , <i>Pratylenchus sp</i> , <i>Helicotylenchus sp</i>), Banana Weevils (<i>Cosmopolites sordidus</i>), Weeds (<i>Rottboellia cochinchinensis</i> , <i>Commelina diffusa</i> , <i>Bidens pilosa</i> , <i>Peperomia pellucida</i> , <i>Echinochloa colonum</i> , <i>Pityrogramma calomelanos</i> , <i>Eleusine indica</i> , <i>Cyperus luzulae</i>).
Thiamethoxam	Banana	Ecuador Costa Rica Honduras Guatemala Cameroon	Nematodes (<i>Radopholus similis</i> , <i>Pratylenchus sp</i> , <i>Helicotylenchus multicinctus</i> , <i>H. dyhisteria</i> , <i>Meloidogyne incognita</i> , <i>M. javania</i>), Banana Weevils (<i>Cosmopolites sordidus</i>), Mealybug (<i>Dysmicoccus brevipes</i> , <i>Pseudococcus elisae</i>), Coconut scale (<i>Aspidiotus destructor</i>), Boisduval scale (<i>Diaspis boisduvalii</i>), Banana Aphid (<i>Pentalonia sp</i>), red spider mite (<i>Tetranychus sp</i>)

a.i	Crop	Countries	Pest
Triadimenol	Banana	Philippines Costa Rica Honduras Guatemala Colombia Ecuador	Black Sigatoka (<i>Micosphaerella fijiensis</i>), Yellow Sigatoka (<i>Micosphaerella musicola</i>),
Tridemorph	Banana	Philippines Colombia	Black Sigatoka (<i>Micosphaerella fijiensis</i>), Yellow Sigatoka (<i>Micosphaerella musicola</i>), Black Freckle (<i>Phyllosticta musarum</i>)
Boric acid	Pineapple	Costa Rica	Nutrition
Brodifacoum	Pineapple	Costa Rica	Rodents (<i>Sigmodon spp.</i> , <i>Sigmodon hispidus</i> , <i>Mus</i> <i>spp.</i> y <i>Rattus spp.</i> , <i>Rattus</i> <i>norvergicus</i> , <i>Rattus rattus</i> , <i>Mus musculus</i>)
Bromadiolone	Pineapple	Costa Rica	<i>Sigmodon spp.</i> , <i>Mus spp.</i> y <i>Rattus spp.</i>
Carbendazim	Pineapple	Costa Rica	Wilting (<i>Fusarium spp.</i> , <i>Fusarium oxysporum</i> , <i>Thielaviopsis paradoxa</i>), Anthracnose (<i>Colletotrichum</i> <i>gloeosporioides</i>)
Cadusafos	Pineapple	Costa Rica	Ananas comosus, Symphylan (<i>Scutigerella</i> <i>spp.</i> , <i>Scutigerella</i> <i>inmaculata</i>), Dwarf awlsnail (<i>Opeas</i> <i>pemilum</i>), land snails (<i>Ceciliodes aperta</i>)
Chlorpyrifos	Pineapple	Costa Rica	Mealybug (<i>Dysmicoccus</i> <i>brevipes</i>), Symphylan (<i>Scutigerella spp.</i> , <i>Scutigerella immaculata</i>)

a.i	Crop	Countries	Pest
Ethiophos	Pineapple	Costa Rica	<p>Nematodes (<i>Radopholus sirmillis</i>, <i>Meloidogyne sp</i>, <i>Meloidogyne sp</i>, <i>Pratylenchus sp</i>, <i>Helicotylenchus sp</i>, <i>Rotylenchulus sp</i>, <i>Belonolaimus sp</i>, <i>Tylenchorhynchus sp</i>, <i>Trichodorus sp</i>, <i>Heterodera sp</i>, <i>Pratylenchus sp</i>, <i>Radopholus spp</i>, <i>Xiphinema spp</i>,), Garden Symphylan (<i>Scutigerella immaculata</i>), Mealybugs (<i>Dysmicoccus brevipes</i>, <i>Dysmicoccus neobrevipes</i>)Banana Weevil (<i>Cosmopolites sordidus</i>), weeds in general, Bristlegrass (<i>Setaria viridi</i>), Johnsongrass (<i>Sorghum halapense</i>), Beet cyst eelworm (<i>Heterodera spp</i>)</p>

a.i	Crop	Countries	Pest
Fenamiphos	Pineapple	Costa Rica, Ivory Coast	Nematodes (<i>Radopholus silmillis</i> , <i>Meloidogyne sp</i> , <i>Meloidgune sp</i> , <i>Pratylenchus sp</i> , <i>Helicotylenchus sp</i> , <i>Tylenchorhynchus spp</i> , <i>Belonolaimus spp</i> , <i>Tylenchulus semipenetrans</i> , <i>Rotylenchus sp</i> , <i>Xiphinema sp</i>), Mealybug (<i>Dysmicoccus brevipes</i>), Garden Symphylan (<i>Scutigera immaculata</i> , Beet cyst eelworm (<i>Heterodera spp</i>)
Flocoumafen	Pineapple	Costa Rica	Rodents (<i>Sigmodon spp.</i> , <i>Mus spp.</i> y <i>Rattus spp.</i> , <i>Mus sp</i> ; <i>Rattus sp</i> ; <i>Peromyscus sp</i> ; <i>Sigmodon sp</i> , <i>Rattus rattus</i> , <i>R. norvegicus</i> , <i>Peromyscus</i> , <i>Mus musculus</i> , <i>Sigmodon hispidus</i> ,)
Fluazifop-butyl	Pineapple	Costa Rica	Weeds (<i>Cynodon dactylon</i> , <i>Digitaria sp</i> , <i>Panicum sp</i> , <i>Chloris sp</i> , <i>Setaria sp</i> , <i>Eleusine indica</i> , <i>Cenchrus echinatus</i> , <i>Echinochloa colona</i> , <i>Panicum maximum</i> , <i>Setaria viridis</i> , <i>Sorghum halapense</i>)

a.i	Crop	Countries	Pest
Oxamyl	Pineapple	Costa Rica, Ivory Coast	Nematodes (<i>Meloidogyne sp.</i> , <i>Pratylenchus sp.</i> , <i>Rotylenchulus reniformis</i> , <i>Heterodea spp</i> , <i>Radopholus similis</i> , <i>Meloidogyne incognita</i> , <i>Helicotylenchus multicinctus</i> , <i>Pratylenchus simipenetrans</i> , <i>Rorylenchulus reniformis</i> , <i>Helicotylenchus sp.</i>), Mealybug (<i>Dysmicoccus brevipes</i>), Symphylid.
Propiconazol	Pineapple	Costa Rica	<i>Fusarium sp</i>
Thiamethoxam	Pineapple	Costa Rica	Mealybug (<i>Dysmicoccus brevipes</i>), Garden Symphylan (<i>Scutigera immaculata</i> ,), Fall armyworm (<i>Spodoptera frugiperda</i>)
Abamectin	Melon	Costa Rica	Pea leaf miner (<i>Liriomyza sp.</i>)
Beta-cyfluthrin	Melon	Mexico	Aphid (<i>Aphisgossypii</i>)
Boric acid	Melon	Costa Rica	Nutrition
Brodifacoum	Melon	Costa Rica	Rodents (<i>Rattus norvegicus</i> , <i>Sigmodon hispidus</i> , <i>Peromyscus sp</i> , <i>Rattus rattus</i>)
Bromadiolone	Melon	Costa Rica	Rodents (<i>Rattus norvegicus</i> , <i>Sigmodon hispidus</i> , <i>Peromyscus sp</i> , <i>Rattus rattus</i>)

a.i	Crop	Countries	Pest
Bromethalin	Melon	Costa Rica	Rodents (<i>Rattus norvegicus</i> , <i>Sigmodon hispidus</i> , <i>Peromyscus sp</i> , <i>Rattus rattus</i>)
Chlorothalonil	Melon	Costa Rica	Fungus (<i>Colletotrichum lagenarium</i> , <i>Pseudoperonospra cubensis</i> , <i>Alternaria spp</i> , <i>Spaheroteca fungilinea</i> , <i>Mycosharella melonis</i> , <i>Rhizoctonia solani</i>), Anthracnose (<i>Colletotrichum sp</i> .)
Chlorophacinone	Melon	Costa Rica	Rodents (<i>Rattus norvegicus</i> , <i>Sigmodon hispidus</i> , <i>Peromyscus sp</i>)
Coumatetralyl	Melon	Costa Rica	Rodents (<i>Rattus norvegicus</i> , <i>Sigmodon hispidus</i> , <i>Peromyscus sp</i> , <i>Rattus rattus</i>)
Diphacinone	Melon	Costa Rica	Rodents (<i>Rattus norvegicus</i> , <i>Sigmodon hispidus</i> , <i>Peromyscus sp</i> , <i>Rattus rattus</i>)
Difethialone	Melon	Costa Rica	Rodents (<i>Rattus norvegicus</i> , <i>Sigmodon hispidus</i> , <i>Peromyscus sp</i> , <i>Rattus rattus</i>)
Strychnine	Melon	Costa Rica	Rodents (<i>Rattus norvegicus</i> , <i>Sigmodon hispidus</i> , <i>Peromyscus sp</i> , <i>Rattus rattus</i>)
Flocoumafen	Melon	Costa Rica	Rodents (<i>Rattus norvegicus</i> , <i>Sigmodon hispidus</i> , <i>Peromyscus sp</i> , <i>Rattus rattus</i>)
Fluazifop-butyl	Melon	Costa Rica	Weeds - Poaceae
Imidacloprid	Melon	Costa Rica, Mexico	Whitefly (<i>Bemisia tabac i</i>), Aphid (<i>Aphisgossypii</i>)

a.i	Crop	Countries	Pest
Oxamyl	Melon	Costa Rica	Nematodes (<i>Meloidogyne spp.</i> , <i>Pratylenchus spp.</i> , <i>Heterodea spp.</i>)
Phosphoric acid	Melon	Costa Rica	Nutrition
Propiconazol	Melon	Costa Rica	Fungus (<i>Cercospora</i>)
Thiamethoxam	Melon	Costa Rica	Whitefly (<i>Bemisia tabaci</i>), Aphid (<i>Aphisgossypii</i>)
Warfarin	Melon	Costa Rica	Rodents (<i>Rattus norvegicus</i> , <i>Sigmodon hispidus</i> , <i>Peromyscus sp</i> , <i>Rattus rattus</i>)
Zeta-Cypermethrin	Melon	Costa Rica	Moth (<i>Diaphina</i>)
Zinc phosphide	Melon	Costa Rica	Rodents (<i>Rattus norvegicus</i> , <i>Rattus rattus</i> , <i>Sigmodon hispidus</i> , <i>Peromyscus sp</i> , <i>Rattus rattus</i>)
Abamectin	Watermelon	Costa Rica	Pea leaf miner (<i>Liriomyza sp.</i>)
Beta-cyfluthrin	Watermelon	Mexico	Aphid (<i>Aphisgossypii</i>)
Boric acid	Watermelon	Costa Rica	Nutrition
Brodifacoum	Watermelon	Costa Rica	Rodents (<i>Rattus norvegicus</i> , <i>Sigmodon hispidus</i> , <i>Peromyscus sp</i> , <i>Rattus rattus</i>)
Bromadiolone	Watermelon	Costa Rica	Rodents (<i>Rattus norvegicus</i> , <i>Sigmodon hispidus</i> , <i>Peromyscus sp</i> , <i>Rattus rattus</i>)
Bromethalin	Watermelon	Costa Rica	Rodents (<i>Rattus norvegicus</i> , <i>Sigmodon hispidus</i> , <i>Peromyscus sp</i> , <i>Rattus rattus</i>)

a.i	Crop	Countries	Pest
Chlorothalonil	Watermelon	Costa Rica	Fungus (<i>Colletotrichum lagenarium</i> <i>Pseudoperonospra cubensis</i> <i>Alternaria spp</i> <i>Spaheroteca fungilinea</i> <i>Mycosharella melonis</i> <i>Rhizoctonia solani</i>), Anthracnose (<i>Colletotrichum sp.</i>)
Coumatetralyl	Watermelon	Costa Rica	Rodents (<i>Rattus rattus</i> , <i>Rattus norvegicus</i> , <i>Rattus rattus</i> , <i>Sigmodon hispidus</i> , <i>Peromyscus sp</i>)
Diphacinone	Watermelon	Costa Rica	Rodents (<i>Rattus norvegicus</i> , <i>Rattus rattus</i> , <i>Sigmodon hispidus</i> , <i>Peromyscus sp</i>)
Difethialone	Watermelon	Costa Rica	Rodents (<i>Rattus norvegicus</i> , <i>Rattus rattus</i> , <i>Sigmodon hispidus</i> , <i>Peromyscus sp</i>)
Strychnine	Watermelon	Costa Rica	Rodents (<i>Rattus norvegicus</i> , <i>Rattus rattus</i> , <i>Sigmodon hispidus</i> , <i>Peromyscus sp</i>)
Flocoumafen	Watermelon	Costa Rica	Rodents (<i>Rattus norvegicus</i> , <i>Rattus rattus</i> , <i>Sigmodon hispidus</i> , <i>Peromyscus sp</i>)
Imidacloprid	Watermelon	Costa Rica	Aphid (<i>Aphisgossypii</i>), Whitefly (<i>Bemisia tabaci</i>)
Oxamyl	Watermelon	Costa Rica	Nematodes (<i>Meloidogyne spp.</i> , <i>Nematodo Lesionador</i> , <i>Pratylenchus spp.</i> , <i>Heterodea spp.</i>)
Thiamethoxam	Watermelon	Costa Rica	Aphid (<i>Aphisgossypii</i>), Whitefly (<i>Bemisia tabaci</i>)

a.i	Crop	Countries	Pest
Warfarin	Watermelon	Costa Rica	Rodents (<i>Rattus norvegicus</i> , <i>Rattus rattus</i> , <i>Sigmodon hispidus</i> , <i>Peromyscus sp</i>)
Zinc phosphide	Watermelon	Costa Rica	Rodents (<i>Rattus norvegicus</i> , <i>Rattus rattus</i> , <i>Sigmodon hispidus</i> , <i>Peromyscus sp</i>)
Abamectin	Coffee	Colombia Guatemala Brazil Honduras El Salvador Panama Nicaragua	Spider mite (<i>Tetranychidae</i>), Nematodes (<i>Meloidogyne exigua</i>), Souther red mite (<i>Oligonychus ilicis</i>), Coffee Leaf Miner (<i>Leucoptera coffeella</i>), Coffee Borer Beetle (<i>Hypotenemus hampei</i>), False Spider Mite (<i>Brevipalpus pohenicis</i>)
Borax; Borate salts	Coffee	Brazil	Nutrition
Boric acid	Coffee	Brazil	Nutrition
Cadusafos	Coffee	Guatemala, Costa Rica, Nicaragua	Nematodes (<i>Meloidogyne sp</i> , <i>Pratylenchus sp</i>), Coffee root mealybug
Carbendazim	Coffee	Colombia Costa Rica	Coffee leaf rust (<i>Hemileia vastatrix</i>), Anthracnose (<i>Colletotrichum spp.</i>), Phoma spp, Ceratocystis blight (<i>Ceratocystis fimbriata sensu lato</i>), Black root rot (<i>Rosellinia spp</i>)
Chlorothalonil	Coffee	Malawi	Coffee berry disease (<i>Colletotrichum kahawae</i>)

a.i	Crop	Countries	Pest
Chlorpyrifos	Coffee	Malawi India Colombia Costa Rica Brazil	Coffee mealybug (<i>Pseudococcidae</i> , <i>Planococcus lilacinus</i>), White stem borer (<i>Xylotrechus quadripes</i>), Coffee Borer Beetle (<i>Hypotenemus hampei</i>), Yellow Crazy ant (<i>Anoplolepis gracilipes</i>), Scale insects (<i>Puto barberi</i>), Coffee mealybug (<i>Pseudococcus spp.</i>), Scales (<i>Dysmicoccus sp</i>), Coffee Borer Beetle (<i>Hypotenemus hampei</i>), Coffee Leaf Miner (<i>Leucoptera coffeella</i>), <i>Neochavesis caldasia</i>

a.i	Crop	Countries	Pest
Cyproconazole	Coffee	Colombia Costa Rica Guatemala Brazil Nicaragua	Coffee leaf rust (<i>Hemileia vastatrix</i>), Scales (<i>Dysmicoccus sp</i> , <i>Dysmicoccus brevipes</i>) Rhizoecus coffeae, scale (<i>Neochavesia caldasiae</i>) Pink disease (<i>Erythricium salmonicolor</i>), Brown eye spot (<i>Cercospora coffeicola</i>), Scale insects (<i>Puto barberi</i>), American leaf spot of coffee (<i>Mycena citricolor</i>), Abthacnose (<i>Colletotrichum spp.</i>), Phanerochaete salmonicolor (<i>Corticium salmonicolor</i>), Thread blight (<i>Cortecium Kolerog</i>), Mealybug (<i>Pseudococcus spp</i>)
Epoxiconazole	Coffee	Costa Rica Brazil	Coffee leaf rust (<i>Hemileia vastatrix</i>), Anthracnose (<i>Colletotrichum spp.</i>), American Leaf Spot (<i>Mycena Citricolor</i>), Brown eye spot (<i>Cercospora coffeicola</i>)
Fipronil	Coffee	Malawi Brazil	Pine Leaf cutting ant (<i>Atta laevigata</i>), Termites (<i>Isoptera</i>)
Fluazifop-butyl	Coffee	Costa Rica	Weeds (<i>Eleusine indica</i> , <i>Paspalum paniculatum</i> , <i>Paspalum virgatum</i>)

a.i	Crop	Countries	Pest
Glufosinate-ammonium	Coffee	Costa Rica	Weeds (<i>Ipomoea</i> sp, <i>Bidens pilosa</i> , <i>Eleusine indica</i> , <i>Paspalum paniculatum</i> , <i>Portulaca oleraceae</i> , <i>Richardia scabra</i> , <i>Conyza bonariensis</i> , , <i>Chloris radiata</i> , <i>Parthenium hysterophorus</i> , <i>Talinum paniculatum</i> , <i>Anredera cordifolia</i> , <i>Ipomoea purpurea</i> , <i>Panicum laxum</i> , <i>Digitaria insularis</i> , <i>Tripogandra serrulata</i> , <i>Cyperus esculentus</i> , <i>Cyperus rotundus</i> , <i>Cyperus odoratus</i> , <i>Eleusina indica</i> , <i>Commellina</i> sp, <i>Singonium</i> sp, <i>Galinsoga</i> spp., <i>Cardamine</i> sp., <i>Eragrostis</i> sp., <i>Melampodium</i> sp., <i>Cuphea</i> sp., <i>Sporobolus piretii</i> , <i>Ischaemum indicum</i> , <i>Syngonium podophyllum</i> , <i>Amarantus</i>
Imidacloprid	Coffee	Malawi Brazil Costa Rica	Antestia bug (<i>Antestiopsis</i>), Coffee leaf rust (<i>Hemileia vastatrix</i>), Coffee Borer Beetle (<i>Hypotenemus hampei</i>)
Propiconazol	Coffee	Brazil Costa Rica India	Coffee leaf rust (<i>Hemileia vastatrix</i>),

a.i	Crop	Countries	Pest
Thiamethoxam	Coffee	Colombia Peru Guatemala Brazil El Salvador Honduras Panama Nicaragua	Coffee leaf rust (<i>Hemileia vastatrix</i>), Scales (<i>Dysmicoccus brevipes</i> , <i>Puto barberi</i> , <i>Neochavesia caldasiae</i>), Mealybug (<i>Rhizoecus coffeae</i> , <i>Rhizoecus sp</i>) Nematodes (<i>Meloidogyne exigua</i>), Coffee Borer Beetle (<i>Hypotenemus hampei</i>), Coffee leaf miner (<i>Leucoptera coffeella</i>), <i>Oncometopia facialis</i> , Giant cicada (<i>Quesada gigas</i>), Mealybug (<i>Dysmicoccus texensis</i>)
Triadimenol	Coffee	Nicaragua Costa Rica Brazil	Coffee leaf rust (<i>Hemileia vastatrix</i>), American Leaf Spot (<i>Mycena Citricolor</i>), Scarab beetles (<i>Phyllophaga spp</i>), Mealybug (<i>Planococcus lilacinus</i>)
Thiamethoxam	Cocoa	Ivory Coast Ghana	Cocoa caspid (<i>Distantiella theobroma</i>), Mirids (<i>Sahlbergella singularis</i>), Cocoa shield bug (<i>Helopeltis spp/ Bathycoeia thalassina</i>)
Boric acid	Tea	India	Nutrition
Carbendazim	Tea	India	Tea blight (<i>Pestalotia theae</i>)
Fipronil	Tea	Malawi	Termites (<i>Isoptera</i>)
Thiamethoxam	Tea	India	Tea Mosquit bug (<i>Helopeltis theivora</i>)

a.i	Crop	Countries	Pest
Abamectin	Flowers and ornamentals	Colombia Ecuador Mexico	Carmine spider mite (<i>Tetranychus cinnabarinus</i>), Spider Mite (<i>Tetranychus urticae</i> , <i>T. cinnabarinus</i>) Leaf miner (<i>Liriomyza sp</i> , <i>L. trifolii</i> , <i>L. huidobrensis</i>), Nematodes (<i>Meloidogyne sp.</i> , <i>Pratylenchus sp.</i> , <i>Paratylenchus sp</i>), Thrips (<i>Frankliniella sp.</i>)
Benomyl	Flowers and ornamentals	Costa Rica	Noble rot fungus (<i>Botritis cinerea</i>), <i>Fusarium sp.</i>
Brodifacoum	Flowers and ornamentals	Colombia, Ecuador	Rodents (<i>Rattus norvegicus</i> , <i>Rattus rattus</i> , <i>Mus musculus</i>)
Carbendazim	Flowers and ornamentals	Colombia Costa Rica	Wilt (<i>Fusarium oxysporum</i>)
Chlorothalonil	Flowers and ornamentals	Mexico Ecuador Colombia	Fungus (<i>Botrytis sp</i> , <i>Podosphaera sparsa</i> , <i>Phragmidium mucronatum</i> , <i>Cladosporium echinulatum</i>), Stemphyllium sp, Downy mildew (<i>Peronospora sparsa</i>), White rust (<i>Puccinia Oriana</i> , <i>Puccinia horiana Henn</i>), Damping off (<i>Pythium sp</i>), Late Bight fungus (<i>Phytophora infestans</i>)

a.i	Crop	Countries	Pest
Chlorpyrifos	Flowers and ornamentals	Mexico Colombia	Thrips (<i>Frankliniella occidentalis</i>), Symphylan (<i>Scutigerella immaculata</i>), Copitarsia sp, Serpentine miner (<i>L. trifolii</i>), Scarab beetle (<i>Phyllophaga</i> sp), Dark winged fungus (<i>Sciaridae</i> sp), leaf miner (<i>L. huidobrensis</i>)
Fenamiphos	Flowers and ornamentals	Mexico	Nematodes (<i>Meloidogyne</i> sp, <i>Ditylenchus destructor</i>)
Fipronil	Flowers and ornamentals	Mexico Ecuador Costa Rica Colombia	Thrips (<i>Frankliniella occidentalis</i>), Serpentine miner (<i>L. trifolii</i>), Leaf miner (<i>L. huidobrensis.</i>), Copitarsia sp
Imidacloprid	Flowers and ornamentals	Mexico Colombia Ecuador Costa Rica	Thrips (<i>Frankliniella occidentalis</i>), Whitefly (<i>Trialeurodes</i> sp, <i>Bemisia tabaci</i>), Aphid (<i>Myzus</i> sp, <i>Macrosiphum rosae</i>), Symphyan (<i>Scutigerella immaculata</i>), Dark winged fungus (<i>Sciaridae</i> sp)
Iprodione	Flowers and ornamentals	Colombia Ecuador Mexico	Fungus (<i>Botrytis</i> sp, <i>Botrytis cinerea</i> , <i>Stemphyllium</i> sp.), Stem rot (<i>Sclerotinia</i> sp), Wilt (<i>Fusarium oxysporum</i>), Sooty mould (<i>Capnodium</i> sp)
Magnesium phosphide	Flowers and ornamentals	Colombia	Thrips (<i>Frankliniella occidentalis</i>),
Methiocarb	Flowers and ornamentals	Ecuador	Thrips (<i>Frankliniella occidentalis</i>)

a.i	Crop	Countries	Pest
Methomyl	Flowers and ornamentals	Colombia	Thrips (<i>Frankliennella occidentalis</i> , <i>Thrips</i> sp), Aphid (<i>Myzus</i> sp), Greenhouse whitefly (<i>Trialeurodes</i> sp.)
Oxamyl	Flowers and ornamentals	Costa Rica Mexico	Thrips (<i>Frankliennella occidentalis</i>), Aphid (<i>Myzus</i> sp), Greenhouse whitefly (<i>Trialeurodes</i> sp.), Leaf miner (<i>Liriomiza</i> sp) Red spider mite (<i>Tetranychus</i> sp)
Phosphine	Flowers and ornamentals	Colombia	Thrips (<i>Frankliennella occidentalis</i>), Nematodes (<i>Meloidogyne</i> sp)
Propiconazol	Flowers and ornamentals	Mexico Colombia	Rose rust (<i>Phragmidium mucronatum</i>), white rust (<i>Puccinia horiana</i>), Stemphyllium sp, Powdery mildew (<i>Podospaera pannosa</i>)
Spirodiclofen	Flowers and ornamentals	Colombia	Carmin spider mite (<i>Tetranychus cinnabarinus</i>)
Thiamethoxam	Flowers and ornamentals	Mexico	Thrips (<i>Frankliennella occidentalis</i>), Aphid (<i>Macrosiphum euphorbiae</i> , <i>Myzus</i> sp, <i>Myzus persicae</i>), Greenhouse whitefly (<i>Trialeurodes</i> sp.)
Thiram	Flowers and ornamentals	Colombia	Fungus (<i>Botrytis</i> sp., <i>Alternaria</i> sp., <i>Itersonilia sp.</i>), stem rot (<i>Sclerotinia sp.</i>), Stemphyllium sp.

a.i	Crop	Countries	Pest
Triadimenol	Flowers and ornamentals	Colombia	Fungus (<i>Botrytis sp.</i>), Powdery mildew (<i>Podosphaera pannosa</i>), Rose rust (<i>Phragmidium mucronatum</i>), <i>Stemphyllium sp.</i>
Fipronil	Blue Gum	Malawi	Termite (<i>Isoptera</i>)
Abamectin	Cherry	Chile	European red spider mite (<i>Panonychus ulmi</i>), Red spidere mite (<i>Tetanichus urticae</i>), Brown mite (<i>Bryobia rubrioculus</i>), Thrips (<i>Frankliniella occidentalis</i>), Blister mite (<i>Eriophyes erineus</i>), <i>Acatu comutus</i> , chilean false red mite (<i>Brevipalpus chilensis</i>)
Spirodiclofen	Cherry	Chile	Red mite (<i>Oligonychus yothersi</i>), Red spidere mite (<i>Tetanichus urticae</i>), European red spider mite (<i>Panonychus ulmi</i>), False red mite (<i>Brevipalpus chilensis</i>), Red mite (<i>Panonychus citri</i>), Brown mite (<i>Bryobia rubrioculus</i>)

a.i	Crop	Countries	Pest
Abamectin	Citrus	Chile Brazil	Red spider mite (<i>Tetanichus urticae</i>), Red mite (<i>Oligonychus yothersi</i>), Citrus red mite (<i>Panonychus citri</i>), Chilean false red mite (<i>Brevipalpus chilensis</i>), citrus silver mite (<i>Polyphagotarsonemus latus</i>), Blister mite (<i>Eriophyes erineus</i>), Citrus bud mite (<i>Aceria sheldoni</i> , <i>Eryophis sheldoni</i>), Black tea thrips (<i>Heliothrips haemorrhoidalis</i>)
Beta-cyfluthrin	Citrus	Brazil	Asian citrus psyllid (<i>Diaphorina citri</i>)
Boric acid	Citrus	Brazil	Nutrition
Fipronil	Citrus	Brazil	Leaf cutting ants (<i>Acromyrmex ambiguus</i> / <i>Acromyrmex crassispinus</i> / <i>Acromyrmex heyeri</i> / <i>Acromyrmex landolti</i> / <i>Acromyrmex subterraneus subterraneus</i> / <i>Atta laevigata</i> / <i>Atta sexdens rubropilosa</i>) <i>Atta</i> spp.
Flumioxazin	Citrus	Brazil	Weeds (<i>Amaranthus hybridus</i>), Weeds (<i>Ipomoea grandifolia</i> , <i>Sida rhombifolia</i> , <i>Bidens pilosa</i> , <i>Commelina benghalensis</i> , <i>Euphorbia heterophylla</i> , <i>Portulaca oleracea</i>)

a.i	Crop	Countries	Pest
Formetanate	Citrus	Brazil	Citrus rust mite (<i>Phyllocoptruta oleivora</i>), Asian citrus psyllid (<i>Diaphorina citri</i>)
Glufosinate-ammonium	Citrus	Brazil	Sourgrass (<i>Digitaria insularis</i>)
Imidacloprid	Citrus	Sri Lanka Brazil	Aphid (<i>Aphidoidea</i>), Asian citrus psyllid (<i>Diaphorina citri</i>), Citrus leafminer (<i>Phyllocnistis citrella</i>), Oncometopia facialis, Brown citrus aphid (<i>Toxoptera citricida</i>), Croton bug (<i>Orthezia praelonga</i>), Citrus blackfly (<i>Aleurocanthus woglumi</i>), West indian red scale (<i>Selenaspidus articulatus</i>), citrus leaf mines (<i>Phyllocnistis citrella</i>), Scale (<i>Parlatoria cinérea</i>)
Spirodiclofen	Citrus	Chile Brazil	Red mite (<i>Oligonychus yothersi</i>), Red spider (<i>Tetanichus urticae</i>), European red spider mite (<i>Panonychus ulmi</i>), Chilean false red mite (<i>Brevipalpus chilensis</i>), Brown mite (<i>Bryobia rubrioculus</i>), Citrus red mite (<i>Panonychus citri</i>), false spider (<i>Brevipalpus yothersi</i>), Citrus rust mite (<i>Phyllocoptruta oleivora</i>),
Sulfluramid	Citrus	Brazil	Leaf cutting ants (<i>Atta spp</i> , <i>Acromyrmex spp</i>)

a.i	Crop	Countries	Pest
Thiamethoxam	Citrus	Brazil	Asian citrus psyllid (<i>Diaphorina citri</i>), Citrus leafminer (<i>Phyllocnistis citrella</i>), Croton bug (<i>Orthezia praelonga</i>), Oncometopia facialis, Tropical grey chaff scale (<i>Parlatoria cinerea</i>), West indian red scale (<i>Selenaspidus articulatus</i>), Brown citrus aphid (<i>Toxoptera citricida</i>), Citrus blackfly (<i>Aleurocanthus woglumi</i>)
Zeta-Cypermethrin	Citrus	Brazil	Asian citrus psyllid (<i>Diaphorina citri</i>), Moth (<i>Ecdytolopha aurantiana</i>)
Abamectin	Avocado	Chile Peru Mexico	Avocado red mite (<i>Oligonychus yothersi</i>), Black Thrips (<i>Heliethrips haemorrhoidalis</i>), Chilean false red mite (<i>Brevipalpus chilensis</i>), Avocado brown mite (<i>Oligonychus punicae</i>), Citrus red mite (<i>Panonychus citri</i>), Red spider (<i>Tetanichus urticae</i>), Bud mite (<i>Eriophes sheldoni</i>), Broad mite (<i>Poliphagotarsonemus latus</i>)
Beta-cyfluthrin	Avocado	South Africa	Coconut bug (<i>Pseudothrips wayi</i>), broken back bug (<i>Tayloritygus sp.</i>)

a.i	Crop	Countries	Pest
Brodifacoum	Avocado	Chile	Colilargo rat (<i>Oligoryzomys longicaudatus</i>)
Glufosinate-ammonium	Avocado	Colombia South Africa	Weeds (<i>Gnaphallum</i> spp., <i>Bidens Pilosa</i> , <i>Galinsoga cillat</i> , <i>Portulaca oleraceae</i> , <i>Eleusine indica</i> , <i>Emilia sonchifolia</i> , <i>Chamaessyce hirta</i> , <i>Sida rhombifolia</i> , <i>Starchytarpeta</i> sp., <i>Merremia quinquefolia</i> .)
Imidacloprid	Avocado	Colombia	Thrips (<i>Frankiniella</i> spp.)
Paraquat dichloride	Avocado	South Africa Peru	Red spinach (<i>Amaranthus dubius</i>)
Spirodiclofen	Avocado	Chile	Avocado red mite (<i>Oligonychus yothersi</i>), Red spider (<i>Tetanichus urticae</i>), Citrus red mite (<i>Panonychus citri</i>), European red spider mite (<i>Panonychus ulmi</i>), Chilean false red mite (<i>Brevipalpus chilensis</i>), Brown mite (<i>Bryobia rubrioculus</i>), Broad mite (<i>Polyphagotarsonemus latus</i>), bud mite (<i>Eryophis sheldoni</i>)
Thiamethoxam	Avocado	Chile Peru	Mealybug (<i>Pseudococcus calceolariae</i>), Long tailed mealybug (<i>Pseudococcus longispinus</i>), Black scale (<i>Saissetia oleae</i>), Black thrips (<i>Heliethrips haemorrhoidali</i>), Avocado scale (<i>Fiorinia fioriniae</i>)

a.i	Crop	Countries	Pest
Abamectin	Grapes	Chile	Chilean false red mite (<i>Brevipalpus chilensis</i>)
Glufosinate-ammonium	Grapes	Ecuador	Weeds
Spirodiclofen	Grapes	Chile	Chilean false red mite (<i>Brevipalpus chilensis</i>)
Abamectin	Macadamia	Malawi	Red spider mite (<i>Tetranychus urticae</i>)
Chlorpyrifos	Macadamia	Malawi	Mealybug (<i>Pseudococcidae</i>)
Fipronil	Macadamia	Malawi	Termites (<i>Isoptera</i>)
Imidacloprid	Macadamia	Malawi	Koa seedworm or nut borer (<i>Cryptophlebia illepida</i>), Stink bug (<i>Pentatomidae</i>)
Boric acid	Rice	Costa Rica	Nutrition
Chlorothalonil	Rice	Costa Rica	Brown spot (<i>Helminthosporium oryzae</i>)
Imidacloprid	Rice	Costa Rica	Stink bug (<i>Oebalus sp</i>)
Terbufos	Rice	Costa Rica	Nematodes (<i>Meloidogyne sp.</i> , <i>Pratylenchus sp.</i> , <i>Ditylenchus sp.</i> , <i>Radopholus similis</i>), weevils (<i>urculionoidea</i>)
Thiamethoxam	Rice	Costa Rica	Stink bug (<i>Oebalus sp</i>)

a.i	Crop	Countries	Pest
Abamectin	Strawberry	Chile	Red spider mite (<i>Tetranychus urticae</i>), Aphid (<i>Chaetosiphon fragaefoli</i> , <i>Chaetosiphon thomasi</i> , <i>Myzus persicae</i> , <i>Macrosiphum euphorbiae</i> , <i>Aphis gossypii</i>), Thrips (<i>Frankliniella occidentalis</i> , <i>Thrips tabaci</i> , <i>Frankliniella australis</i>), Raspberry weevil (<i>Aegorhinus superciliosus</i> , <i>Aegorhinus phaleratus</i>), black vine weevil (<i>Otiorhynchus sulcatus</i> , <i>Otiorhynchus rugosostriatus</i>), Fruit tree weevil (<i>Naupactus xanthographus</i>), weevil (<i>Graphognathus leucoloma</i>), Beetle (<i>Naupactus cervinus</i> , <i>Sericoides viridis</i> , <i>Phytholaema hermanni</i>), <i>Sericoides convexa</i> , <i>Sericoides spp</i> , White grub (<i>Hylamorphna</i>
Benomyl	Mango	Costa Rica	Scab (<i>Cladosporium carpophilum</i>)
Boric acid	Mango	Costa Rica	Nutrition
Brodifacoum	Mango	Costa Rica	Rodents (<i>Rattus rattus</i> , <i>Rattus norvegicus</i> , <i>Sigmodon hispidus</i> , <i>Peromyscus sp</i>)
Bromadiolone	Mango	Costa Rica	Rodents (<i>Rattus rattus</i> , <i>Rattus norvegicus</i> , <i>Sigmodon hispidus</i> , <i>Peromyscus sp</i>)
Bromethalin	Mango	Costa Rica	Rodents (<i>Rattus rattus</i> , <i>Rattus norvegicus</i> , <i>Sigmodon hispidus</i> , <i>Peromyscus sp</i>)
Chlorothalonil	Mango	Costa Rica	Anthraco nose (<i>Colletotrichum gloeosporioides</i>)

a.i	Crop	Countries	Pest
Chlorophacinone	Mango	Costa Rica	Rodents (<i>Rattus rattus</i> , <i>Rattus norvegicus</i> , <i>Sigmodon hispidus</i> , <i>Peromyscus sp</i>)
Coumatetralyl	Mango	Costa Rica	Rodents (<i>Rattus rattus</i> , <i>Rattus norvegicus</i> , <i>Sigmodon hispidus</i> , <i>Peromyscus sp</i>)
Cyproconazole	Mango	Peru	Powdery mildew (<i>Oidium manguiferae</i>)
Difethialone	Mango	Costa Rica	Rodents (<i>Rattus rattus</i> , <i>Rattus norvegicus</i> , <i>Sigmodon hispidus</i> , <i>Peromyscus sp</i>)
Strychnine	Mango	Costa Rica	Rodents (<i>Rattus rattus</i> , <i>Rattus norvegicus</i> , <i>Sigmodon hispidus</i> , <i>Peromyscus sp</i>)
Fipronil	Mango	Peru	Redbanded thrips (<i>Selenothrips rubrocinctus</i>)
Flocoumafen	Mango	Costa Rica	Rodents (<i>Rattus rattus</i> , <i>Rattus norvegicus</i> , <i>Sigmodon hispidus</i> , <i>Peromyscus sp</i>)
Imidacloprid	Mango	Peru	Pyriform scale (<i>Protopulvinaria pyriformis</i>)
Triadimenol	Mango	Peru	Powdery mildew (<i>Oidium manguiferae</i>)
Warfarin	Mango	Costa Rica	Rodents (<i>Rattus rattus</i> , <i>Rattus norvegicus</i> , <i>Sigmodon hispidus</i> , <i>Peromyscus sp</i>)
Zinc phosphide	Mango	Costa Rica	Rodents (<i>Rattus rattus</i> , <i>Rattus norvegicus</i> , <i>Sigmodon hispidus</i> , <i>Peromyscus sp</i>)
Bromadiolone	Oil Palm	Mexico	Rodents (<i>Rattus norvegicus</i>)

a.i	Crop	Countries	Pest
Fipronil	Oil Palm	Mexico	South american palm weevil (<i>Rhynchorus palmarum L.</i>)
Chlorothalonil	Potato	Chile	Early blight (<i>Alternaria solani</i>), Late blight (<i>Phytophthora infestans A1</i>), Noble rot fungus (<i>Botrytis cinerea</i>), Anthracnose (<i>Colletotrichum gloesporioides</i>)
Thiamethoxam	Potato	Chile	Pea aphid (<i>Acyrtosiphon spp</i>), Black bean aphid (<i>Aphis fabae</i>), Cotton aphid (<i>Aphis gossypii</i>), glass-house potato aphid (<i>Aulacorthum solani</i>), Potato aphid (<i>Macrosiphum solanifolii</i>), green peach aphid (<i>Myzus persicae</i>), grain aphid (<i>Ropalosiphum padi</i>), green leafhopper (<i>Empoasca curveola</i>), Black and red froghopper (<i>Cercopis viridis</i>), Whitefringed beetle (<i>Naupactus spp</i>), Fuller's rose beetle (<i>Pantomorus spp</i>), Black cutworm (<i>Agrotis spp</i>), Moth (<i>Copitarsia spp</i>), bud borer (<i>Epinotia aporema</i>), Moth (<i>Feltia malefida</i>), corn earworm (<i>Heliothis zea</i>), Tabaco horn worm (<i>Manduca</i>
Imidacloprid	Peppers	Mexico	Sweet potato whitefly (<i>Bemisiatabaci</i> , <i>Bemisiaargentifolii</i>), Tomato Psyllid (<i>Bactericeracockerelli</i>)

a.i	Crop	Countries	Pest
Beta-cyfluthrin	Tomato	Mexico	Beet armyworm (<i>Spodopteraexigua</i>)
Imidacloprid	Tomato	Mexico	Sweet potato whitefly (<i>Bemisiatabaci</i> , <i>Bemisiaargenti folii</i>)
Beta-cyfluthrin	Zuchini	Mexico	Cotton aphid (<i>Aphis gossypii</i>)
Imidacloprid	Zuchini	Mexico	Cotton aphid (<i>Aphis gossypii</i>)