

TRUST



QUALITY



EXPERTISE

PESTICIDE RESIDUE PACKAGE TESTING

# MAKING THE DIFFERENCE

VERIFYING SAFETY & QUALITY OF YOUR PRODUCTS



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The SGS laboratory in Brookings, South Dakota, is equipped with cutting edge technology and the latest testing methods to provide you with complete pesticide residue and contaminant analysis for food and feed products. Our trained scientists and technicians hold Ph.D. and Master's degrees in chemistry and microbiology, as well as years of laboratory experience to ensure you receive best-in-class service, accurate results, and rapid turnaround times.

### ACCURATE AND RELIABLE TESTING

Pesticides are a vital part of the agriculture industry, assisting growers in meeting world food demands. However, due to negative impacts on human and animal health as well as ecological effects of pesticides and contaminants, it is not desirable to find residues of those chemical pesticides in food or feed after it is harvested and headed for human or animal consumption.

SGS utilizes specialized equipment including Liquid Chromatography with Tandem Mass Spectrometry (LC/MS/MS) and Gas Chromatography with Tandem Mass Spectrometry (GC/MS/MS) to screen for more than 600 pesticides. These instruments allow us to identify the pesticides present at levels lower than regulated limits.

### PESTICIDE RESIDUES

SGS' pesticide residue services include testing for insecticides, herbicides and fungicides in the following classes:

- Acetamides
- Carbamates
- Dicarboximides
- Imidazolinone
- Nicotinoids
- Organochlorines
- Organonitrogens
- Organophosphates
- Phenoxy acid herbicides
- Phenylurea herbicides
- Pyrethroids
- Triazines
- Triazoles

### CONTAMINANTS

Melamine, mycotoxins, veterinary drug residues (such as antibiotics) and hormones may be concentrated in products after processing. These contaminants may harm animals and humans in concentrated levels. To prevent fatal health consequences, specific contaminants need to be identified prior to products entering the animal and human food supply chains. These contaminants are determined with use of the LC/MS/MS, GC/MS/MS, or Polymerase Chain Reaction (PCR) technologies.

### MATRICES

Our laboratory specializes in measuring pesticides in a variety of agricultural matrices including:

- Grains
- Feed Ingredients
- Fruits
- Vegetables
- Teas
- Herbs
- Spices
- Oilseeds

Regulations have been set by many countries on the maximum residue levels (MRLs) allowed for pesticides in foods, food products and feeds. Typical residue limits range from 0.01 - 0.1 mg/kg. Our scientists can offer guidance on testing your products to ensure compliance with United States FDA pesticide tolerances, Codex Alimentarius MRLs, Japanese Positive List Pesticides, and other pesticide regulations.

### TECHNOLOGY & INNOVATION






Innovation is at the heart of our business. New technologies deliver knowledge, insight, transparency and efficiency for our customers.

### SGS Brookings

ISO 9001 certified, and accredited to ISTA and ISO 17025, our purpose-built 68,000 sq. ft. laboratory has extensive agriculture and food testing capabilities and the latest in automation, sample prep and analysis equipment (including 6500+ LC/MS/MS). Our seven germination rooms with temperature monitoring ensure traceability. Dedicated areas for sensitive testing eliminate cross-contamination risks, and a centralized sample receiving facility ensures fast processing.

### SGS BENEFITS

SGS is the world's leading inspection, verification, testing and certification company. With more than 97,000 employees, SGS operates a network of over 2,600 offices and laboratories around the world. We are a leading independent third-party service provider and offer efficient solutions to help safeguard quality, safety and sustainability throughout all stages of the food supply chain. We strive to deliver outstanding value at every step in your project by providing:

-  Rapid turnaround time
-  ISO 17025 Accredited and GMP+ B11 Certified
-  Latest technologies
-  Technical assistance
-  Customized service

### CONTACT US

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# BASIC PROFILE (300 PESTICIDES)

COMPOUND NAME	LOQ ug/Kg
Abamectin	10.0
Acephate	10.0
Acetamiprid	10.0
Acrinathrin	10.0
Alaclor	10.0
Aldicarb	10.0
Aldicarb sulfone	10.0
Aldicarb sulfoxide	10.0
Aldrin	10.0
Allethrin	10.0
Aminocarb	10.0
Azaconazole	10.0
Azamectinos	50.0
Azinphos-ethyl	10.0
Azinphos-methyl	10.0
Azoxystrobin	10.0
Benalaxyl	10.0
Bendiocarb	10.0
Benfluralin	10.0
Benoxacor	20.0
Bensulide	10.0
Benthiocarb	10.0
Benzobicyclon	10.0
Benzofenap	10.0
Benzyladenine	50.0
BHC-alpha	10.0
BHC-beta	10.0
BHC-delta	10.0
BHC-gamma	50.0
Bifenazate	10.0
Bifenox	10.0
Bifenthrin	10.0
Bitertanol	10.0
Boscalid	10.0
Bromacil	10.0
Bromophos Ethyl	10.0

COMPOUND NAME	LOQ ug/Kg
Bromophos Methyl	10.0
Bromopropylate	50.0
Buprofezin	10.0
Butamiphos	10.0
Butocarboxim	10.0
Butralin	10.0
Buturon	20.0
Butylate	20.0
Cadusafos	10.0
Captafol	50.0
Captan	50.0
Carbaryl	10.0
Carbendazim	10.0
Carbofuran	20.0
Carbophenothion	20.0
Carboxin	10.0
Carfentrazone-ethyl	10.0
Chlorantraniliprole	10.0
Chlorbenside	10.0
Chlordane-cis	10.0
Chlordane-oxy	10.0
Chlordane-trans	10.0
Chlorfenapyr	10.0
Chlorfenson	10.0
Chlorfenvinphos	10.0
Chloroneb	50.0
Chlorothalonil	10.0
Chlorotoluron	10.0
Chloroxuron	10.0
Chlorpropham	20.0
Chlorpyrifos	10.0
Chlorpyrifos Oxon	10.0
Chlorpyrifos-methyl	10.0
Chlorthiophos	10.0
Chlozolinate	50.0
Chromafenozide	20.0

COMPOUND NAME	LOQ ug/Kg
Cinerin -I	50.0
Cinerin -II	10.0
Cinidon-Ethyl	10.0
Cinmethylin	10.0
Clodinafop-Propargyl	10.0
Clofentezine	10.0
Clomazone	10.0
Cloquintocet-mexyl	10.0
Coumaphos	10.0
Crotoxyphos	10.0
Cyanofenphos	10.0
Cyazofamid	10.0
Cyfluthrin I	20.0
Cyfluthrin II	20.0
Cyfluthrin III	20.0
Cyfluthrin IV	20.0
Cyhalothrin (gamma)	10.0
Cyhalothrin (lambda)	10.0
Cymoxanil	10.0
Cypermethrin I	20.0
Cypermethrin II	20.0
Cypermethrin III	20.0
Cypermethrin IV	20.0
Cyproconazole	10.0
Cyprodinil	10.0
Cyromazine	10.0
DDD-o,p'	10.0
DDD-p,p'	10.0
DDE-o,p'	10.0
DDE-p,p'	10.0
DDT-o,p'	10.0
DDT-p,p'	10.0
DEF (Tribufos)	10.0
Deltamethrin I	20.0
Deltamethrin II	20.0
Demeton-O	10.0

COMPOUND NAME	LOQ ug/Kg
Demeton-S	10.0
Demeton-S-Sulfon	20.0
Demeton-S-Methyl	10.0
Demeton-S-Methyl-sulfone	10.0
Dialifos	10.0
Diallate	10.0
Diazinon	10.0
Diazinon OA	10.0
Dichlofluanid	50.0
Dichlorbenil	50.0
Dichlorfenthion	10.0
Dichlormid	50.0
Dichlorvos	10.0
Diclofop-methyl	10.0
Dicofol-o,p'	50.0
Dicofol-p,p'	50.0
Dicrotophos	10.0
Dieldrin	20.0
Diethofencarb	10.0
Difenoconazole I	10.0
Difenoconazole II	10.0
Diflubenzuron	10.0
Diflufenican	10.0
Dimethomorph	10.0
Diniconazole	10.0
Dinitramine	10.0
Dinotefuran	20.0
Dioxabenzofos	10.0
Dioxathion	10.0
Diphenylamine	10.0
Disulfoton	10.0
Disulfoton sulfone	10.0
Edifenphos	10.0
Endosulfan sulfate	10.0
Endosulfan, alpha	10.0

COMPOUND NAME	LOQ ug/Kg
Endosulfan, beta	10.0
Endrin	50.0
EPN (Santox)	50.0
Epoxiconazole	10.0
Esfenvalerate	50.0
Ethalfuralin	10.0
Ethiofencarb	10.0
Ethion	10.0
Ethoprophos	10.0
Ethoxyquin	10.0
Ethychlozate	50.0
Etobenzanid	20.0
Etrifos	10.0
Famoxadone	10.0
Fenamidone	10.0
Fenamiphos	10.0
Fenamiphos Sofoxide	10.0
Fenamiphos sulfone	10.0
Fenarimol	10.0
Fenazaquin	10.0
Fenbuconazole	10.0
Fenchlorphos	10.0
Fenhexamid	10.0
Fenitrothion	10.0
Fenobucarb	10.0
Fenothiocarb	10.0
Fenoxanil	10.0
Fenpropimorph	10.0
Fenpyroximate	10.0
Fenson	10.0
Fensulfothion	10.0
Fenthion	10.0
Fenvalerate	10.0
Fipronil	10.0
Fluazifop-butyl	10.0
Fluchloralin	10.0

\* Certain analytes may be excluded from a screen due to specific matrix interference.

# BASIC PROFILE (300 PESTICIDES) CONT'D

COMPOUND NAME	LOQ ug/Kg
Flucythrinate I	10.0
Flucythrinate II	10.0
Fludioxonil	10.0
Flufenacet	10.0
Flumiclorac-pentyl	10.0
Flunicamid	10.0
Fluometuron	10.0
Fluoxastrobin	10.0
Fluquinconazole	50.0
Flurenol-Butyl	10.0
Fluridone	10.0
Flusilazole	10.0
Flutolanil	10.0
Formetanate Hydrochloride	10.0
Furalaxyl	10.0
Furametpyr	50.0
Halfenprox	50.0
Heptachlor	10.0
Heptachlor epoxide A	10.0
Heptachlor epoxide B	10.0
Hexachlorobenzene (HCB)	10.0
Hexaconazole	10.0
Hexaflumuron	10.0
Hexythiazox	10.0
Imazalil	10.0
Imibenconazole	10.0
Imidacloprid	10.0

COMPOUND NAME	LOQ ug/Kg
Indoxacarb	10.0
Iprobenfos	10.0
Iprodione	10.0
Iprodione Metabolite	10.0
Iprovalicarb	10.0
Isocarbophos	10.0
Isofenphos	10.0
Isofenphos-methyl	10.0
Isoprothiolane	10.0
Isoproturon	10.0
Isotianil	10.0
Kresoxim-methyl	10.0
Malaoxon	10.0
Malathion	10.0
Mecarbam	10.0
Mepanipyrim	10.0
Metalaxyl	50.0
Metamitron	10.0
Metazachlor	10.0
Methabenzthiazuron	10.0
Methacrifos	10.0
Methamidophos	10.0
Methidathion	10.0
Methiocarb	10.0
Methomyl	10.0
Methoxychlor	50.0
Methoxyfenozide	10.0
Metolachlor	10.0

COMPOUND NAME	LOQ ug/Kg
Metolcarb	10.0
Mevinphos	10.0
Mirex	10.0
Molinate	20.0
Monocrotophos	20.0
Nitenpyram	20.0
Nitralin	10.0
Nitrofen	10.0
Nitrothal-Isopropyl	10.0
Nuarimol	10.0
Octhilinone	10.0
Omethoate	10.0
Oxyfluorfen	50.0
Paclobutrazol	50.0
Penconazole	10.0
Pendimethalin	10.0
Pentachloroaniline (PCA)	10.0
Pentachlorobenzene (PCB)	10.0
Permethrin, cis	10.0
Permethrin, trans	10.0
Phenmedipham	10.0
Phorate	10.0
Phorate-Sulfone	10.0
Phorate-Sulfoxide	10.0
Phosalone	10.0
Phosmet	10.0
Phosphamidon I	10.0

COMPOUND NAME	LOQ ug/Kg
Phosphamidon II	10.0
Picolinafen	10.0
Pirimicarb	10.0
Pirimiphos-methyl	10.0
Primiphos-ethyl	10.0
Procymidone	10.0
Profenofos	10.0
Profluralin	10.0
Promecarb	10.0
Prometryn	10.0
Propamocarb Hydrochloride	10.0
Propargite	10.0
Propetamphos	10.0
Propham	10.0
Prothiofos	10.0
Pymetrozine	10.0
Pyraclostrobin	10.0
Pyraflufen-ethyl	10.0
Pyrazophos	10.0
Pyrazoxyfen	10.0
Pyrimethanil	10.0
Quinalphos	10.0
Quinoxifen	10.0
Simazine	10.0
Spinosyn A	10.0
Spinosyn D	10.0
Spirodiclofen	10.0
Sulfotep	10.0

COMPOUND NAME	LOQ ug/Kg
Sulprofos	10.0
Tebuconazole	10.0
Tebufenozid	10.0
Tebufenpyrad	10.0
Tecnazene	10.0
Tefluthrin	10.0
Terbacil	10.0
Terbufos	10.0
Terbutryn	10.0
Tetrachlorvinphos	10.0
Tetraconazole	10.0
Tetradifon	10.0
Tetramethrin	10.0
Thiacloprid	10.0
Thiamethoxam	10.0
Thiobencarb	10.0
Thiophanat-methyl	10.0
Tocolofos Methyl	10.0
Tolyfluanid	10.0
Triallate	10.0
Triamiphos	10.0
Triazophos	10.0
Trifloxystrobin	10.0
Triflumazole	10.0
Triflumuron	10.0
Trifluralin	10.0
Vinclozolin	10.0

\* Certain analytes may be excluded from a screen due to specific matrix interference.

# EXPANDED PROFILE (400 PESTICIDES)

COMPOUND NAME	LOQ ug/Kg
Abamectin	10.0
Acetamiprid	10.0
Acephate	10.0
Acetochlor	10.0
Acibenzolar-S-Methyl	10.0
Acifluorfen-methyl	10.0
Acrinathrin	10.0
Alaclor	10.0
Aldicarb	10.0
Aldicarb sulfone	10.0
Aldicarb sulfoxide	10.0
Aldrin	10.0
Allethrin	10.0
Aminocarb	10.0
Amitraz	10.0
Anilazine	10.0
Atrazine	10.0
Azinphos-ethyl	10.0
Azinphos-methyl	10.0
Azoxystrobin	10.0
Benalaxyl	10.0
Bendiocarb	10.0
Benfluralin	10.0
Benoxacor	20.0
Bensulide	10.0
Benthiocarb	10.0
Benzobicyclon	10.0
Benzofenap	10.0
Benzyladenine	50.0
BHC-alpha	10.0
BHC-beta	10.0
BHC-delta	10.0
BHC-gamma	50.0
Bifenazate	10.0
Bifenox	10.0
Bifenthrin	10.0

COMPOUND NAME	LOQ ug/Kg
Bioresmethrin	10.0
Bitertanol	10.0
Boscalid	10.0
Bromacil	10.0
Bromobutide	10.0
Bromophos Ethyl	10.0
Bromophos Methyl	10.0
Bromopropylate	50.0
Bufencarb	10.0
Buprofezin	10.0
Butafenacil	10.0
Butamiphos	10.0
Butocarboxim	10.0
Butralin	10.0
Butylate	20.0
Cadusafos	10.0
Capropamid	20.0
Captafol	50.0
Captan	50.0
Carbaryl	10.0
Carbendazim	10.0
Carbofuran	20.0
Carbophenothion	20.0
Carboxin	10.0
Carfentrazone-ethyl	10.0
Chlorantraniliprole	10.0
Chlorbenside	10.0
Chlorbromuron	10.0
Chlorbufam	10.0
Chlordane-cis	10.0
Chlordane-oxy	10.0
Chlordane-trans	10.0
Chlorfenapyr	10.0
Chlorfenson	10.0
Chlorfenvinphos	10.0
Chlorodimeform	10.0

COMPOUND NAME	LOQ ug/Kg
Chloroneb	50.0
Chlorothalonil	10.0
Chlorotoluron	10.0
Chloroxuron	10.0
Chlorpropham	20.0
Chlorpyrifos	10.0
Chlorpyrifos Oxon	10.0
Chlorpyrifos-methyl	10.0
Chlorthiophos	10.0
Chlozolinate	50.0
Chromafenozide	20.0
Cinerin -I	50.0
Cinerin -II	10.0
Cinidon-Ethyl	10.0
Cinmethylin	10.0
Clodinafop-Propargyl	10.0
Clofentezine	10.0
Clomazone	10.0
Clomeprop	10.0
Cloquintocet-mexyl	10.0
Coumaphos	10.0
Crotoxyphos	10.0
Cyanofenphos	10.0
Cyazofamid	10.0
Cycloate	10.0
Cyflufenamid	10.0
Cyfluthrin I	20.0
Cyfluthrin II	20.0
Cyfluthrin III	20.0
Cyfluthrin IV	20.0
Cyhalothrin (gamma)	10.0
Cyhalothrin (lambda)	10.0
Cymoxanil	10.0
Cypermethrin I	20.0
Cypermethrin II	20.0
Cypermethrin III	20.0

COMPOUND NAME	LOQ ug/Kg
Cypermethrin IV	20.0
Cyproconazole	10.0
Cyprodinil	10.0
Cyromazine	10.0
Daimuron	10.0
DDD-o,p'	10.0
DDD-p,p'	10.0
DDE-o,p'	10.0
DDE-p,p'	10.0
DDT-o,p'	10.0
DDT-p,p'	10.0
DEF (Tribufos)	10.0
Deltamethrin I	20.0
Deltamethrin II	20.0
Demeton-O	10.0
Demeton-S	10.0
Demeton-S- Sulfon	20.0
Demeton-S-Methyl	10.0
Demeton-S-Methyl-sulfone	10.0
Desmedipham	10.0
Dialifos	10.0
Diallate	10.0
Diazinon	10.0
Diazinon OA	10.0
Dibrom (Naled )	10.0
Dichlofluanid	50.0
Dichlorbenil	50.0
Dichlorfenthion	10.0
Dichlormid	50.0
Dichlorvos	10.0
Diclofop-methyl	10.0
Diclomezine	10.0
Dicofol-o,p'	50.0
Dicofol-p,p'	50.0
Dicrotophos	10.0

COMPOUND NAME	LOQ ug/Kg
Dieldrin	20.0
Diethofencarb	10.0
Difenoconazole I	10.0
Difenoconazole II	10.0
Diflubenzuron	10.0
Diflufenican	10.0
Dimefuron	10.0
Dimepiperate	10.0
Dimethametryn	10.0
Dimethenamide	10.0
Dimethomorph	10.0
Diniconazole	10.0
Dinitramine	10.0
Dinotefuran	20.0
Dioxabenzofos	10.0
Dioxacarb	10.0
Dioxathion	10.0
Diphenylamine	10.0
Disulfoton	10.0
Disulfoton sulfone	10.0
Dithiopyr	10.0
Diuron	10.0
Edifenphos	10.0
Endosulfan sulfate	10.0
Endosulfan, alpha	10.0
Endosulfan, beta	10.0
Endrin	50.0
EPN (Santox)	50.0
Epoxiconazole	10.0
EPTC	20.0
Esfenvalerate	50.0
Ethalfuralin	10.0
Ethiofencarb	10.0
Ethion	10.0
Ethiprol	10.0
Ethofumesate	10.0

\* Certain analytes may be excluded from a screen due to specific matrix interference.

# EXPANDED PROFILE (400 PESTICIDES) CONT'D

COMPOUND NAME	LOQ ug/Kg
Ethoprophos	10.0
Ethoxyquin	10.0
Ethychlozate	50.0
Etobenzanid	20.0
Etofenprox	10.0
Etoxazole	10.0
Etrimfos	10.0
Famoxadone	10.0
Fenamidone	10.0
Fenamiphos	10.0
Fenamiphos Sofoxide	10.0
Fenamiphos sulfone	10.0
Fenarimol	10.0
Fenazaquin	10.0
Fenbuconazole	10.0
Fenchlorphos	10.0
Fenhexamid	10.0
Fenitrothion	10.0
Fenobucarb	10.0
Fenothiocarb	10.0
Fenoxanil	10.0
Fenoxaprop	50.0
Fenoxycarb	10.0
Fenpropimorph	10.0
Fenpyroximate	10.0
Fenson	10.0
Fensulfthion	10.0
Fenthion	10.0
Fentrazamide	10.0
Fenuron	10.0
Fenvalerate	10.0
Fipronil	10.0
Fluazifop-butyl	10.0
Fluchloralin	10.0
Flucythrinate I	10.0
Flucythrinate II	10.0

COMPOUND NAME	LOQ ug/Kg
Fludioxonil	10.0
Flufenacet	10.0
Flumiclorac-pentyl	10.0
Flunicamid	10.0
Fluometuron	10.0
Fluoxastrobin	10.0
Fluquinconazole	50.0
Flurenol-Butyl	10.0
Fluridone	10.0
Flusilazole	10.0
Flutolanil	10.0
Fluvalinate	10.0
Folpet	10.0
Fonofos	10.0
Formetanate Hydrochloride	10.0
Fosthiazate	10.0
Fthalide	10.0
Fuberidazole	10.0
Furalaxyl	10.0
Furametpyr	50.0
Halfenprox	50.0
Haloxyfob	10.0
Haloxyfob Methyl	10.0
Heptachlor	10.0
Heptachlor epoxide A	10.0
Heptachlor epoxide B	10.0
Hexachlorobenzene (HCB)	10.0
Hexaconazole	10.0
Hexaflumuron	10.0
Hexythiazox	10.0
Hydoprene	20.0
3-Hydroxycarbofuran	10.0
5-Hydroxythiabenzazole	10.0
Imazalil	10.0
Imibenconazole	10.0

COMPOUND NAME	LOQ ug/Kg
Imidacloprid	10.0
Indoxacarb	10.0
Iprobenfos	10.0
Iprodione	10.0
Iprodione Metabolite	10.0
Iprovalicarb	10.0
Isocarbophos	10.0
Isofenphos	10.0
Isofenphos-methyl	10.0
Isoproc carb	10.0
Isopropalin	10.0
Isoprothiolane	10.0
Isoproturon	10.0
Isotianil	10.0
Isoxaben	10.0
Isoxadifen Ethyl	10.0
Isoxaflutole	10.0
Isoxathion	10.0
Isozophos	10.0
Kresoxim-methyl	10.0
Lenacil	10.0
Malaoxon	10.0
Malathion	10.0
Mecarbam	10.0
Mefenacet	10.0
Mefenpyr Diethyl	10.0
Mepanipyrim	10.0
Metalaxyl	50.0
Metazachlor	10.0
Methabenzthiazuron	10.0
Methyl paraoxon	10.0
Methamidophos	10.0
Methidathion	10.0
Methiocarb	10.0
Methomyl	10.0
Methoxychlor	50.0

COMPOUND NAME	LOQ ug/Kg
Methoxyfenozide	10.0
Metolachlor	10.0
Metolcarb	10.0
Mevinphos	10.0
Mexacarbate	10.0
Mirex	10.0
Molinate	20.0
Monocrotophos	20.0
Monolinuron	20.0
Monuron	20.0
Myclobutanil	10.0
Naproanilide	10.0
Napropamide	20.0
Napthalene Acetamide (NAA)	20.0
Nitenpyram	20.0
Nitralin	10.0
Nitrofen	10.0
Nitrothal-Isopropyl	10.0
Nonachlor, cis	10.0
Nonachlor, trans	10.0
Norflurazon	10.0
Nuarimol	10.0
Octhilineone	10.0
Omethoate	10.0
Ortho-Phenylphenol	10.0
Orysastrobin	10.0
Oryzalin	10.0
Oxadiazon	10.0
Oxadixyl	10.0
Oxamyl	10.0
Oxamyl Oxime	10.0
Oxaziclomefone	10.0
Oxyfluorfen	50.0
Paclobutrazol	50.0
Parathion	10.0

COMPOUND NAME	LOQ ug/Kg
Parathion-methyl	20.0
Penconazole	10.0
Pendimethalin	10.0
Pentachloroaniline (PCA)	10.0
Pentachlorobenzene (PCB)	10.0
Permethrin, cis	10.0
Permethrin, trans	10.0
Phenmedipham	10.0
Phenothiol	10.0
Phenthoate	10.0
Phorate	10.0
Phorate-Sulfone	10.0
Phorate-Sulfoxide	10.0
Phosalone	10.0
Phosmet	10.0
Phosphamidon I	10.0
Phosphamidon II	10.0
Phoxim	10.0
Picolinafen	10.0
Pirimicarb	10.0
Pirimiphos-methyl	10.0
Plochloraz	10.0
Primiphos-ethyl	10.0
Procymidone	10.0
Profenofos	10.0
Profluralin	10.0
Promecarb	10.0
Prometryn	10.0
Propamocarb Hydrochloride	10.0
Propanil	10.0
Propaphos	10.0
Propargite	10.0
Propetamphos	10.0
Propham	10.0

\* Certain analytes may be excluded from a screen due to specific matrix interference.

## EXPANDED PROFILE (400 PESTICIDES) CONT'D

COMPOUND NAME	LOQ ug/Kg
Propiconazole	10.0
Propoxur	10.0
Prothiofos	10.0
Pymetrozine	10.0
Pyraclostrobin	10.0
Pyraflufen-ethyl	10.0
Pyrazophos	10.0
Pyrazoxyfen	10.0
Pyributicarb	10.0
Pyridaben	10.0
Pyridaphenthion	10.0
Pyrifenox	10.0
Pyriftalid	10.0

COMPOUND NAME	LOQ ug/Kg
Pyrimethanil	10.0
Pyriminobac Methyl E	10.0
Pyriminobac Methyl Z	10.0
Quinalphos	10.0
Quinoxifen	10.0
Simazine	10.0
Spinosyn A	10.0
Spinosyn D	10.0
Spirodiclofen	10.0
Spiromesifen	10.0
Sulfotep	10.0
Sulprofos	10.0

COMPOUND NAME	LOQ ug/Kg
Tebuconazole	10.0
Tebufenozid	10.0
Tebufenpyrad	10.0
Tebupirimfos	10.0
Tecnazene	10.0
Tefluthrin	10.0
Terbacil	10.0
Terbufos	10.0
Terbutryn	10.0
Tetrachlorvinphos	10.0
Tetraconazole	10.0
Tetradifon	10.0

COMPOUND NAME	LOQ ug/Kg
Tetramethrin	10.0
Thiacloprid	10.0
Thiamethoxam	10.0
Thiazopyr	10.0
Thiobencarb	10.0
Thiophanat-methyl	10.0
Tocolofos Methyl	10.0
Tolyfluanid	10.0
Triadimefon	10.0
Triadimenol	10.0
Triallate	10.0
Triamiphos	10.0

COMPOUND NAME	LOQ ug/Kg
Triazophos	10.0
Trichlamide	10.0
Tricyclazole	10.0
Trifloxystrobin	10.0
Triflumazole	10.0
Triflumuron	10.0
Trifluralin	10.0
Triforine	10.0
Triticonazole	10.0
Vegadex	10.0
Vernolate	10.0
Vinclozolin	10.0

## COMPLETE MEGA PROFILE (550 PESTICIDES)

COMPOUND NAME	LOQ ug/Kg
Abamectin	10
Acephate	10
Acetamiprid	10
Acetochlor	10
Acibenzolar-S-Methyl	10
Acifluorfen-methyl	10
Acrinathrin	10
Alaclor	10
Aldicarb	10
Aldicarb sulfone	10
Aldicarb sulfoxide	10
Aldrin	10
Allethrin	10
Ametryn	10
Aminocarb	10
Amitraz	10
Anilazine	10
Anilofos	10

COMPOUND NAME	LOQ ug/Kg
Atrazine	10
Azaconazole	10
Azamethiphos	50
Azinphos-ethyl	10
Azinphos-methyl	10
Azoxystrobin	10
Benalaxyl	10
Bendiocarb	10
Benfluralin	10
Benfuresate	20
Benoxacor	20
Bensulide	10
Benthiocarb	10
Benzobicyclon	10
Benzofenap	50
Benzyladenine	10
BHC-alpha	10
BHC-beta	10

COMPOUND NAME	LOQ ug/Kg
BHC-delta	50
BHC-gamma (Lindane)	10
Bicyclopyron	10
Bifenazate	10
Bifenox	10
Bifenthrin	10
Bioresmethrin	10
Bitertanol	10
Bolstar (Solprofes)	10
Boscalid	10
Bromacil	10
Bromobutide	10
Bromophos Ethyl	50
Bromophos Methyl	10
Bromopropylate	10
Bufencarb	10
Bupirimate	10
Buprofezin	10

COMPOUND NAME	LOQ ug/Kg
Butachlor	10
Butafenacil	10
Butamiphos	20
Butocarboxim	20
Butralin	10
Buturon	20
Butylate	10
Cadusafos	10
Cafenstrole	10
Capropamid	20
Captafol	20
Captan	20
Carbaryl	10
Carbendazim	10
Carbofuran	10
Carbophenothion	10
Carboxin	10
Carfentrazone-ethyl	10

COMPOUND NAME	LOQ ug/Kg
Chlorantraniliprole	10
Chlorbenside	10
Chlorbromuron	10
Chlorbufam	10
Chlordane-cis (alpha)	10
Chlordane-oxy	10
Chlordane-trans (gamma)	10
Chlorethoxyfos	10
Chlorfenapyr	10
Chlorfenson	10
Chlorfenvinphos	10
Chlorobenzilate	10
Chlorodimeform	10
Chloroneb	20
Chlorothalonil	10
Chlorotoluron	10
Chloroxuron	10

\* Certain analytes may be excluded from a screen due to specific matrix interference.



# COMPLETE MEGA PROFILE (550 PESTICIDES) CONT'D

COMPOUND NAME	LOQ ug/Kg
Chlorpropham	10
Chlorpyrifos	50
Chlorpyrifos Oxon	20
Chlorpyrifos-methyl	10
Chlorthiophos	10
Chlzolinate	10
Chromafenozide	10
Cinerin -I (Pyrethrins)	10
Cinerin -II (Pyrethrins)	10
Cinidon-Ethyl	10
Cinmethylin	10
Clodinafop-Propargyl	10
Clofentezine	10
Clomazone	10
Clomeprop	10
Clopyralid	10
Cloquintocet-Mexyl	10
Clothianidin	10
Coumaphos	10
Crotoxyphos (Ciodrin)	10
Cyanazine	10
Cyanofenphos	10
Cyanophos	10
Cyazofamid	10
Cycloate	10
Cyflufenamid	10
Cyfluthrin I	10
Cyfluthrin II	10
Cyfluthrin III	10
Cyfluthrin IV	10
Cyhalofop-Butyl	10
Cyhalothrin (Gamma)	10
Cyhalothrin (lambda)	10
Cymiazole	10
Cymoxanil	10
Cypermethrin I	10

COMPOUND NAME	LOQ ug/Kg
Cypermethrin II	10
Cypermethrin III	10
Cypermethrin IV	10
Cyproconazole	10
Cyprodinil	10
Cyromazine	10
Daimuron	10
DCPA (Dacthal)	10
DDD-o,p'	50
DDD-p,p'	10
DDE-o,p'	10
DDE-p,p'	10
DDT-o,p'	20
DDT-p,p'	20
DEF (Tribufos)	10
Deltamethrin I	10
Deltamethrin II	20
Demeton-O	10
Demeton-S	10
Demeton-S- sulfon	10
Demeton-S-methyl	10
Demeton-S-Methyl-sulfone	10
Desmedipham	10
Desmetryn	10
Dialifos	10
Diallate	10
Diazinon	10
Diazinon OA	10
Dibrom (Naled )	10
Dichlobutrazol	20
Dichlofluanid	10
Dichlorbenil	10
Dichlorfenthion	10
Dichlormid	10
Dichloroaniline, 3,4	10

COMPOUND NAME	LOQ ug/Kg
Dichlorvos	20
Diclocymet	10
Diclofop-methyl	10
Diclomezine	10
Diclone	50
Dicloran	10
Dicloran	10
Dicofol-o,p'	10
Dicofol-p,p'	10
Dicrotophos	10
Dieldrin	10
Diethofencarb	10
Difenoconazole I	10
Difenoconazole II	10
Diflubenzuron	10
Diflufenican	10
Dimefuron	10
Dimepiperate	10
Dimethametryn	10
Dimethenamide	10
Dimethoate	10
Dimethomorph	10
Dimoxystrobin	20
Diniconazole	10
Dinitramine	10
Dinotefuran	10
Dioxabenzofos (Salithion)	10
Dioxacarb	10
Dioxathion	10
Diphenamid	10
Diphenylamine	10
Disulfoton	10
Disulfoton sulfone	10
Dithiopyr	10
Diuron	50

COMPOUND NAME	LOQ ug/Kg
Edifenphos	50
Endosulfan sulfate	10
Endosulfan, alpha	10
Endosulfan, beta	10
Endrin	10
EPN (Santox)	10
Epoxiconazole	10
EPTC	10
Esprocarb	10
Ethalfuralin	10
Ethiofencarb	10
Ethiolate	10
Ethion	10
Ethiprol	50
Ethofumesate	20
Ethoprophos (Ethoprop)	10
2-Ethylhexal Diphenyl Phosphate	10
Ethoxyquin	20
Ethychlozate	10
Etobenzanid	10
Etofenprox	10
Etoxazole	10
Etridiazole	10
Etrimfos	10
Famoxadone	10
Famphur	10
Fenamidone	10
Fenamiphos (Phenamiphos)	10
Fenamiphos Sofoxide	10
Fenamiphos sulfone	10
Fenarimol	50
Fenazaquin	10
Fenbuconazole	10
Fenchlorphos (Ronnell)	10

COMPOUND NAME	LOQ ug/Kg
Fenfuram	10
Fenhexamid	10
Fenitrothion	50
Fenobucarb	10
Fenothiocarb	10
Fenoxanil	10
Fenoxaprop	10
Fenoxycarb	10
Fenpropathrin (Danitol)	10
Fenpropimorph	10
Fenpyroximate	10
Fenson	10
Fensulfothion	10
Fenthion	50
Fentrazamide	50
Fenuron	10
Fenvalerate I	10
Fenvalerate II	10
Ferimzone	10
Fipronil	10
Flamprop Methyl	10
Fluazifop-butyl	10
Fluchloralin	10
Flucythrinate I	10
Flucythrinate II	10
Fludioxonil	10
Flufenacet	10
Flumiclorac-pentyl	10
Flunicanid	10
Fluometuron	50
Fluoxastrobin	10
Fluquinconazole	10
Flurenol-Butyl	10
Fluridone	10
Flusilazole	10

\* Certain analytes may be excluded from a screen due to specific matrix interference.

# COMPLETE MEGA PROFILE (550 PESTICIDES) CONT'D

COMPOUND NAME	LOQ ug/Kg
Fluthiacet Methyl	10
Flutolanil	10
Flutriafol	10
Fluvalinate	10
Folpet	10
Fonofos	10
Formetanate Hydrochloride	10
Fosthiazate	10
Fthalide	10
Fuberidazole	50
Furalaxyl	50
Furametpyr	10
Furathiocarb	10
Furilazole	10
Halfenprox	10
Haloxfob	10
Haloxfob Methyl	10
Heptachlor	10
Heptachlor epoxide A	10
Heptachlor epoxide B	10
Hexachlorobenzene (HCB)	10
Hexaconazole	20
Hexaflumuron	10
Hexazinone	10
Hexythiazox	10
Hydroprene	10
3-Hydroxycarbofuran	10
5-Hydroxythiabendazole	10
Imazalil	10
Imazamethabenz-methyl	10
Imibenconazole	10
Imidacloprid	10
Inabenfide	10
Indoxacarb	10.0

COMPOUND NAME	LOQ ug/Kg
Iprobenfos	10.0
Iprodione	10.0
Iprodione Metabolite	10.0
Iprovalicarb	10.0
Isocarbamid	10.0
Isocarbophos	10.0
Isofenphos	10.0
Isofenphos-methyl	10.0
Isoproc carb	10.0
Isopropalin	10.0
Isoprothiolane	10.0
Isoproturon	10.0
Isotianil	10.0
Isoxaben	10.0
Isoxadifen Ethyl	10.0
Isoxaflutole	10.0
Isoxathion	10.0
Isozophos	10.0
Jasmolin-I	10.0
Jasmolin-II	10.0
Kresoxim-methyl	10.0
Lenacil	10.0
Leptophos	10.0
Linuron	10.0
Malaoxon	10.0
Malathion	10.0
Mandipropamid	10.0
Mecarbam	10.0
Mefenacet	10.0
Mefenpyr Diethyl	10.0
Mepanipyrim	50.0
Mephosfolan	50.0
Mepronil	10.0
Metalaxyl	10.0
Metamitron	10.0
Metazachlor	10.0

COMPOUND NAME	LOQ ug/Kg
Metconazole	10.0
Methabenzthiazuron	10.0
Methacrifos	10.0
Methamidophos	10.0
Methfuroxam	10.0
Methidathion	10.0
Methiocarb	10.0
Methomyl	10.0
Methoprene	50.0
Methoprotryne	10.0
Methoxychlor	10.0
Methoxyfenozide	10.0
Methyl paraoxon	10.0
Metobromuron	10.0
Metolachlor	10.0
Metolcarb	10.0
Metoxuron	10.0
Metribuzin	10.0
Mevinphos	10.0
Mexacarbate	20.0
MGK-264 (Carboximide)	20.0
Mirex	20.0
Molinate	20.0
Monocrotophos	10.0
Monolinuron	10.0
Monuron	20.0
Myclobutanil	20.0
Naproanilide	20.0
Napropamide	20.0
Napthalene Acetamide (NAA)	10.0
1-Naphthol	10
Neburon	10.0
Nitenpyram	10.0
Nitralin	10.0
Nitrapyrin	10.0

COMPOUND NAME	LOQ ug/Kg
Nitrofen	10.0
Nitrothal-Isopropyl	10.0
Nonachlor, cis	10.0
Nonachlor, trans	10.0
Norflurazon	10.0
Norflurazon Desmethyl	10.0
Nuarimol	10.0
Octhilinone	10.0
Ofurace	10.0
Omethoate	10.0
Ortho-Phenylphenol	10.0
Orysastrobilin	10.0
Oryzalin	10.0
Oxadiazon	10.0
Oxadixyl	10.0
Oxamyl	50.0
Oxamyl Oxime	10.0
Oxaziclomefone	50.0
Oxycarboxin	50.0
Oxydemeton-methyl sulfoxide	10.0
Oxyfluorfen	20.0
Paclobutrazol	10.0
Parathion	10.0
Parathion-methyl	10.0
PCNB (Quintozene)	10.0
Pebulate	10.0
Penconazole	10.0
Pencycuron	10.0
Pendimethalin (Penoxaline)	10.0
Pentachloroaniline (PCA)	10.0
Pentachlorobenzene (PCB)	10.0
Pentachlorobenzonitrile	10.0
Pentachlorophenyl Methyl Sulfide	10.0

COMPOUND NAME	LOQ ug/Kg
Pentochloroanisole	10.0
Pentoxazone	10.0
Permethrin, cis	10.0
Permethrin, trans	10.0
Perthane	10.0
Phenmedipham	10.0
Phenothiol	10.0
Phenothrin I (Samithrin)	10.0
Phenothrin II	10.0
Phenthoate	10.0
Phorate	10.0
Phorate-Sulfone	10.0
Phorate-Sulfoxide	10.0
Phosalone	10.0
Phosmet	10.0
Phosphamidon I	10.0
Phosphamidon II	10.0
Phoxim	10.0
Picolinafen	10.0
Piperonyl butoxide	10.0
Piperophos	10.0
Pirimicarb	10.0
Pirimiphos-methyl	10.0
Plochloraz	10.0
Prallerthrin	10.0
Pretilachlor	10.0
Primiphos-ethyl	10.0
Procymidone	10.0
Profenofos	10.0
Profluralin	10.0
Promecarb	10.0
Prometon	10.0
Prometryn	10.0
Pronamide (Propyzamide)	10.0
Propachlor	10.0

\* Certain analytes may be excluded from a screen due to specific matrix interference.

# COMPLETE MEGA PROFILE (550 PESTICIDES) CONT'D

COMPOUND NAME	LOQ ug/Kg
Propamocarb Hydrochloride	10.0
Propanil	10.0
Propaphos	10.0
Propaquizafop	10.0
Propargite	10.0
Propazine	10.0
Propetamphos	10.0
Propham	10.0
Propiconazole	10.0
Propoxur	10.0
Propyzamide	10.0
Prothiofos	10.0
Pymetrozine	10.0
Pyracarbolid	10.0
Pyraclufos	10.0
Pyraclonil	10.0
Pyraclostrobin	10.0
Pyraflufen-ethyl	10.0
Pyrazolynate	10.0
Pyrazophos	10.0
Pyrazoxyfen	10.0
Pyrethrins 1	10.0
Pyrethrins 2	10.0
Pyributicarb	10.0

COMPOUND NAME	LOQ ug/Kg
Pyridaben	10.0
Pyridaphenthion	10.0
Pyrifenox	10.0
Pyriftalid	10.0
Pyrimethanil	10.0
Pyriminobac Methyl E	10.0
Pyriminobac Methyl Z	10.0
Pyriproxifen	10.0
Pyroquilon	10.0
Quinalphos	10.0
Quinoclamine	10.0
Quinoxifen	10.0
Quizalofop Ethyl	10.0
Resmethrin	10.0
Rotenone	10.0
Secbumeton	10.0
Silafluofen	10.0
Simazine	10.0
Simeconazole	10.0
Simetryn	10.0
Spinetoram	10.0
Spinosyn A	10.0
Spinosyn D	10.0

COMPOUND NAME	LOQ ug/Kg
Spirodiclofen	10.0
Spiromesifen	10.0
Spiroxamine	10.0
Sulfentrazone	10.0
Sulfotep	10.0
Sulprofos	10.0
TCMTB (Benthiazole)	10.0
Tebuconazole	10.0
Tebufenozid	10.0
Tebufenpyrad	10.0
Tebupirimfos	10.0
Tebutam	10.0
Tebuthiuron	10.0
Tecnazene	10.0
Tefluthrin, cis	10.0
Terbacil	10.0
Terbufos	10.0
Terbumeton	10.0
Terbuthylazine	10.0
Terbutryn	10.0
Tetrachlorvinphos	10.0
Tetraconazole	10.0
Tetradifon	10.0

COMPOUND NAME	LOQ ug/Kg
Tetrahydrophthalimide (THPI)	10.0
Tetramethrin	50.0
Thenylchlor	10.0
Thiabendazole	10.0
Thiacloprid	10.0
Thiamethoxam	10.0
Thiazopyr	10.0
Thidiazuron	10.0
Thifluzamide	10.0
Thiobencarb	10.0
Thiodicarb	10.0
Thiofanox	10.0
Thiometon	10.0
Thionazin	10.0
Thiophanat-methyl	10.0
Tocolofos Methyl	10.0
Tolyfluanid	10.0
Tralkoxydim	10.0
Tralometrin	50.0
Triadimefon	10.0
Triadimenol	10.0
Triallate	10.0

COMPOUND NAME	LOQ ug/Kg
Triamiphos	10.0
Triazophos	10.0
Trichlamide	10.0
Tricyclazole	10.0
Tridemorph	10.0
Tridiphane	10.0
Trifloxystrobin	10.0
Triflumazole	10.0
Triflumuron	10.0
Trifluralin	20.0
Triforine	10.0
Tris 2-Butoxyethyl Phosphate (TBEP)	10.0
Triticonazole	50.0
2,3,5-Trimethacarb	10
3,4,5-Trimethacarb	10
Uniconazole	10.0
Vegadex (Sulfallate)	10.0
Vernolate	10.0
Vinclozolin	10.0
XMC	10.0
Xyllycarb	10.0
Zoxamide	10.0

## FDA ORGANOCHLORINE PROFILE

COMPOUND NAME	LOQ ug/Kg
Aldrin	10.0
Acrinathrin	10.0
Atrazine	10.0
Benfluralin	10.0
BHC-alpha	10.0
BHC-beta	10.0

COMPOUND NAME	LOQ ug/Kg
BHC-delta	10.0
BHC-gamma (Lindane)	50.0
Boscalid	10.0
Bromopropylate	50.0
Captan	50.0
Chlordane-cis	10.0

COMPOUND NAME	LOQ ug/Kg
Chlordane-oxy	10.0
Chlordane-trans	10.0
Chloroneb	50.0
Chlorothalonil	10.0
Cyanazine	10.0
Cyhalothrin (Gamma)	10.0

COMPOUND NAME	LOQ ug/Kg
Cyhalothrin (lambda)	10.0
Cypermethrin I	20.0
Cypermethrin II	20.0
Cypermethrin III	20.0
Cypermethrin IV	20.0
Cyproconazole	10.0

COMPOUND NAME	LOQ ug/Kg
DCPA (Dacthal)	10.0
DDD-o,p'	10.0
DDD-p,p'	10.0
DDE-o,p'	10.0
DDE-p,p'	10.0
DDT-o,p'	10.0

\* Certain analytes may be excluded from a screen due to specific matrix interference.

# FDA ORGANOCHLORINE PROFILE CONT'D

COMPOUND NAME	LOQ ug/Kg
DDT-p,p'	10.0
Deltamethrin I	20.0
Deltamethrin II	20.0
Diallate	10.0
Dichlorbenil	50.0
Dichloroaniline	10.0
Dieldrin	20.0
Difenoconazole I	10.0
Difenoconazole II	10.0
Dimethomorph	10.0
Dinitramine	10.0
Endosulfan sulfate	10.0
Endosulfan, alpha	10.0
Endosulfan, beta	10.0
Endrin	50.0
Epoxiconazole	10.0
Esfenvalerate	50.0

COMPOUND NAME	LOQ ug/Kg
Ethalfuralin	10.0
Fenbuconazole	10.0
Fenhexamid	10.0
Fenvalerate	10.0
Fipronil	10.0
Flucythrinate I	10.0
Flucythrinate II	10.0
Fludioxonil	10.0
Fluquinconazole	50.0
Flutolanil	10.0
Fluvalinate	10.0
Folpet	10.0
Heptachlor	10.0
Heptachlor epoxide A	10.0
Heptachlor epoxide B	10.0
Hexachlorobenzene (HCB)	10.0

COMPOUND NAME	LOQ ug/Kg
Hexaconazole	10.0
Imazalil	10.0
Iprodione	10.0
Linuron	10.0
Mirex	10.0
Monolinuron	20.0
Myclobutanil	10.0
Nitrofen	10.0
Nonachlor, cis	10.0
Nonachlor, trans	10.0
Nuarimol	10.0
PCNB (Quintozene)	10.0
Penconazole	10.0
Pentachloroaniline (PCA)	10.0
Pentachlorobenzene (PCB)	10.0

COMPOUND NAME	LOQ ug/Kg
Pentachlorobenzonitrile	10.0
Pentochloroanisole	10.0
Permethrin, cis	10.0
Permethrin, trans	10.0
Plochloraz	10.0
Procymidone	10.0
Profluralin	10.0
Pronamide (Propyzamide)	10.0
Propachlor	10.0
Propanil	10.0
Propiconazole	10.0
Pyraclostrobin	10.0
Pyridaben	10.0
Pyrifenoxy	10.0
Quinoxifen	10.0
Simazine	10.0

COMPOUND NAME	LOQ ug/Kg
Tebuconazole	10.0
Tebufenpyrad	10.0
Tecnazene	10.0
Tefluthrin	10.0
Terbuthylazine	10.0
Tetradifon	10.0
Tolyfluanid	10.0
Triadimefon	10.0
Triadimenol	10.0
Triallate	10.0
Trifloxystrobin	10.0
Triflumazole	10.0
Trifluralin	10.0
Triticonazole	10.0
Vinclozolin	10.0

# FDA ORGANOPHOSPHATE PROFILE

COMPOUND NAME	LOQ ug/Kg
Acephate	10.0
Azinphos-ethyl	10.0
Azinphos-methyl	10.0
Cadusafos	10.0
Carbophenothion	20.0
Chlorfenvinphos	10.0
Chlorpyrifos	10.0
Chlorpyrifos Oxon	10.0
Chlorpyrifos-methyl	10.0
Chlorthiophos	10.0
Coumaphos	10.0
Cyanofenphos	10.0
Cyanophos	10.0

COMPOUND NAME	LOQ ug/Kg
DEF (Tribufos)	10.0
Demeton-S- Sulfon	20.0
Diazinon	10.0
Dichlorvos	10.0
Dicrotophos	10.0
Dimethoate	10.0
Dioxathion	10.0
Disulfoton	10.0
Edifenphos	10.0
EPN (Santox)	50.0
Ethion	10.0
2-Ethylhexal Diphenyl Phosphate	10.0

COMPOUND NAME	LOQ ug/Kg
Fenamiphos	10.0
Fenamiphos Sofoxide	10.0
Fenamiphos sulfone	10.0
Fenitrothion	10.0
Fenthion	10.0
Fonofos	10.0
Isofenphos	10.0
Leptophos	10.0
Malaaxon	10.0
Malathion	10.0
Mecarbam	10.0
Methyl paraoxon	10.0
Methamidophos	10.0

COMPOUND NAME	LOQ ug/Kg
Methidathion	10.0
Mevinphos	10.0
Monocrotophos	20.0
Omethoate	10.0
Parathion	10.0
Parathion-methyl	20.0
Phorate	10.0
Phorate-Sulfone	10.0
Phorate-Sulfoxide	10.0
Phosalone	10.0
Phosmet	10.0
Pirimiphos-methyl	10.0
Profenofos	10.0

COMPOUND NAME	LOQ ug/Kg
Prothiofos	10.0
Pyrazophos	10.0
Pyridaphenthion	10.0
Quinalphos	10.0
Sulprofos	10.0
Terbufos	10.0
Tetrachlorvinphos	10.0
Tocolofos Methyl	10.0
Triazophos	10.0
Tris 2-Butoxyethyl Phosphate (TBEP)	50.0

\* Certain analytes may be excluded from a screen due to specific matrix interference.

# FDA ORGANONITROGEN PROFILE

COMPOUND NAME	LOQ ug/Kg
Acetamidiprid	10.0
Allethrin	10.0
Ametryn	10.0
Aminocarb	10.0
Amitraz	10.0
Azoxystrobin	10.0
Benalaxyl	10.0
Bendiocarb	10.0
Bitertanol	10.0
Bufencarb	10.0
Bupirimate	10.0
Buprofezin	10.0
Butralin	10.0
Butylate	20.0
Carbaryl	10.0
Carbofuran	20.0
Carboxin	10.0
Cymiazole	10.0
Cyprodinil	10.0
Desmedipham	10.0

COMPOUND NAME	LOQ ug/Kg
Desmetryn	10.0
Diethofencarb	10.0
Diniconazole	10.0
Dioxacarb	10.0
Diphenamid	10.0
Diphenylamine	10.0
EPTC	20.0
Ethiofencarb	10.0
Ethiolate	10.0
Ethofumesate	10.0
Ethoxyquin	10.0
Etofenprox	10.0
Famoxadone	10.0
Fenazaquin	10.0
Fenfuram	50.0
Fenobucarb	10.0
Fenoxycarb	10.0
Fenpropathrin (Danitol)	10.0
Fenpropimorph	10.0
Flusilazole	10.0

COMPOUND NAME	LOQ ug/Kg
Fuberidazole	10.0
Furalaxyl	10.0
Hexazinone	10.0
Isocarbamid	10.0
Isopropalin	10.0
Isoprothiolane	10.0
Lenacil	10.0
Mepronil	50.0
Metalaxyl	50.0
Methfuroxam	10.0
Methoprotryne	10.0
Metolcarb	10.0
Metribuzin	10.0
Mexacarbate	10.0
MGK-264 (Carboximide)	10.0
Molinatate	20.0
Naproanilide	10.0
Napropamide	20.0
Napthalene Acetamide (NAA)	20.0

COMPOUND NAME	LOQ ug/Kg
Nitralin	10.0
Nitrothal-Isopropyl	10.0
Octhilinone	10.0
Ortho-Phenylphenol	10.0
Pebulate	10.0
Phenmedipham	10.0
Phenothrin I (Samithrin)	10.0
Phenothrin II	10.0
Piperonyl butoxide	10.0
Pirimicarb	10.0
Promecarb	10.0
Prometon	10.0
Prometryn	10.0
Propargite	10.0
Propham	10.0
Propoxur	10.0
Pyracarbolid	10.0
Pyrethrins I	10.0
Pyrethrins II	10.0

COMPOUND NAME	LOQ ug/Kg
Pyrimethanil	10.0
Pyriproxifen	10.0
Resmethrin	10.0
Secbumeton	10.0
Simetryn	10.0
Spiroxamine	10.0
Tebutam	10.0
Tebuthiuron	10.0
Terbumeton	10.0
Terbutryn	10.0
Tetraconazole	10.0
Tetrahydrophthalimide (THPI)	10.0
Tetramethrin	10.0
Thiabendazole	10.0
Tralkoxydim	50.0
Tricyclazole	10.0
2,3,5-Trimethacarb	10.0
3,4,5-Trimethacarb	10.0
Vernolate	10.0

# FDA CARBAMATE PROFILE

COMPOUND NAME	LOQ ug/Kg
Aldicarb	10.0
Aldicarb sulfone	10.0
Aldicarb sulfoxide	10.0
Bendiocarb	10.0
Butocarboxim	10.0
Carbaryl	10.0

COMPOUND NAME	LOQ ug/Kg
Carbofuran	20.0
Chlorpropham	20.0
Dioxacarb	10.0
Ethiofencarb	10.0
Fenobucarb	10.0

COMPOUND NAME	LOQ ug/Kg
Fenoxycarb	10.0
3-Hydroxycarbofuran	10.0
Indoxacarb	10.0
Iprovalicarb	10.0
Isoprocarb	10.0

COMPOUND NAME	LOQ ug/Kg
Methiocarb	10.0
Methomyl	10.0
Metolcarb	10.0
Oxamyl	10.0
Promecarb	10.0

COMPOUND NAME	LOQ ug/Kg
Propham	10.0
Propoxur	10.0
Thiobencarb	10.0
Thiodicarb	10.0
Thiofanox	10.0

\* Certain analytes may be excluded from a screen due to specific matrix interference.

# PYRETHROIDS

COMPOUND NAME	LOQ ug/Kg
Acrinathrin	10.0
Allethrin	10.0
Bifenthrin	10.0
Cyfluthrin I	20.0
Cyfluthrin II	20.0
Cyfluthrin III	20.0
Cyfluthrin IV	20.0
Cyhalothrin (Gamma)	10.0

COMPOUND NAME	LOQ ug/Kg
Cyhalothrin (lambda)	10.0
Cypermethrin I	20.0
Cypermethrin II	20.0
Cypermethrin III	20.0
Cypermethrin IV	20.0
Deltamethrin I	20.0
Deltamethrin II	20.0
Esfenvalerate	50.0

COMPOUND NAME	LOQ ug/Kg
Etofenprox	10.0
Fenpropathrin (Danitol)	10.0
Fenvalerate	10.0
Flucythrinate I	10.0
Flucythrinate II	10.0
Fluvalinate	10.0
Permethrin, cis	10.0
Permethrin, trans	10.0

COMPOUND NAME	LOQ ug/Kg
Phenothrin I (Samithrin)	10.0
Phenothrin II	10.0
Prallerthrin	10.0
Resmethrin	10.0
Tefluthrin	10.0
Tetramethrin	10.0
Tralometrin	10.0

# PYRETHRINS

COMPOUND NAME	LOQ ug/Kg
Cinerin -I	50.0
Cinerin -II	50.0
Jasmolin-I	50.0
Jasmolin-II	50.0
Pyrethrins I	50.0
Pyrethrins II	50.0

# USDA ORGANIC PROFILE

COMPOUND NAME	LOQ ug/Kg
Acetamidrid	10.0
Acephate	10.0
Acetochlor	10.0
Aldicarb	10.0
Aldicarb sulfone	10.0
Aldicarb sulfoxide	10.0
Allethrin	10.0
Atrazine	10.0
Azinphos-methyl	10.0
Azoxystrobin	10.0
Bendiocarb	10.0
BHC-alpha	10.0
BHC-beta	10.0
BHC-delta	10.0
BHC-gamma	50.0
Bifenazate	10.0
Bifenthrin	10.0
Bitertanol	10.0
Boscalid	10.0
Bromacil	10.0
Buprofezin	10.0
Captan	50.0

COMPOUND NAME	LOQ ug/Kg
Carbaryl	10.0
Carbendazim	10.0
Carbofuran	20.0
Chlorantraniliprole	10.0
Chlordane-cis	10.0
Chlordane-trans	10.0
Chlorfenapyr	10.0
Chlorothalonil	10.0
Chlorpropham	20.0
Chlorpyrifos	10.0
Chlorpyrifos-methyl	10.0
Clofentezine	10.0
Clopyralid	10.0
Clothianidin	10.0
Coumaphos	10.0
Cyazofamid	10.0
Cycloate	10.0
Cyfluthrin I	20.0
Cyfluthrin II	20.0
Cyfluthrin III	20.0
Cyfluthrin IV	20.0
Cyhalothrin (gamma)	10.0

COMPOUND NAME	LOQ ug/Kg
Cyhalothrin (lambda)	10.0
Cypermethrin I	20.0
Cypermethrin II	20.0
Cypermethrin III	20.0
Cypermethrin IV	20.0
Cyprodinil	10.0
DCPA (Dacthal)	10.0
DDD-o,p'	10.0
DDD-p,p'	10.0
DDE-o,p'	10.0
DDE-p,p'	10.0
DDT-o,p'	10.0
DDT-p,p'	10.0
DEF (Tribufos)	10.0
Deltamethrin I	20.0
Deltamethrin II	20.0
Diazinon	10.0
Diazinon OA	10.0
Dibrom (Naled)	10.0
Dichlorvos	10.0
Dicofol-o,p'	50.0
Dicofol-p,p'	50.0

COMPOUND NAME	LOQ ug/Kg
Dicloran	10.0
Dieldrin	20.0
Difenoconazole I	10.0
Difenoconazole II	10.0
Diflubenzuron	10.0
Dimethoate	10.0
Dimethomorph	10.0
Dinotefuran	20.0
Diphenamid	10.0
Diphenylamine	10.0
Disulfoton	10.0
Disulfoton sulfone	10.0
Diuron	10.0
Endosulfan sulfate	10.0
Endosulfan, alpha	10.0
Endosulfan, beta	10.0
Endrin	50.0
Esfenvalerate	50.0
Ethion	10.0
Ethoxyquin	10.0
Etoazole	10.0
Famoxadone	10.0

COMPOUND NAME	LOQ ug/Kg
Fenamidone	10.0
Fenamiphos	10.0
Fenamiphos Sofoxide	10.0
Fenamiphos sulfone	10.0
Fenarimol	10.0
Fenbuconazole	10.0
Fenhexamid	10.0
Fenpropathrin	10.0
Fenpyroximate	10.0
Fenthion	10.0
Fipronil	10.0
Fludioxonil	10.0
Fluicamid	10.0
Fluoxastrobin	10.0
Fluridone	10.0
Flutolanil	10.0
Fluvalinate	10.0
Folpet	10.0
Fonofos	10.0
Formetanate Hydrochloride	10.0
Heptachlor epoxide A	10.0

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# USDA ORGANIC PROFILE CONT'D

COMPOUND NAME	LOQ ug/Kg
Heptachlor epoxide B	10.0
Hexachlorobenzene (HCB)	10.0
Hexaconazole	10.0
Hexythiazox	10.0
Hydroprene	20.0
3-Hydroxycarbofuran	10.0
5-Hydroxythiabendazole	10.0
Imazalil	10.0
Imidacloprid	10.0
Indoxacarb	10.0
Iprodione	10.0
Iprodione Metabolite	10.0
Linuron	10.0
Malaaxon	10.0
Malathion	10.0
Methamidophos	10.0
Methidathion	10.0
Methiocarb	10.0
Methomyl	10.0

COMPOUND NAME	LOQ ug/Kg
Methoxychlor	50.0
Methoxyfenozide	10.0
Metolachlor	10.0
Metribuzin	10.0
Mevinphos, E	10.0
Mevinphos, Z	10.0
MGK-264 (Carboximide)	10.0
Myclobutanil	10.0
Napropamide	20.0
Napthalene Acetamide (NAA)	20.0
Nonachlor, cis	10.0
Nonachlor, trans	10.0
Norflurazon	10.0
Norflurazon Desmethyl	10.0
Omethoate	10.0
Ortho-Phenylphenol	10.0
Oxadixyl	10.0
Oxamyl	10.0

COMPOUND NAME	LOQ ug/Kg
Oxamyl Oxime	10.0
Oxydemeton-methyl sulfoxide	10.0
Parathion-methyl	20.0
PCNB (Quintozene)	10.0
Pendimethalin (Penoxaline)	10.0
Pentachloroaniline (PCA)	10.0
Pentachlorobenzene (PCB)	10.0
Pentachlorophenyl Methyl Sulfide	10.0
Permethrin, cis	10.0
Permethrin, trans	10.0
Phenmedipham	10.0
Phorate-Sulfone	10.0
Phorate-Sulfoxide	10.0
Phosalone	10.0
Phosmet	10.0
Piperonyl butoxide	10.0

COMPOUND NAME	LOQ ug/Kg
Pirimicarb	10.0
Pirimiphos-methyl	10.0
Plochloraz	10.0
Prallethrin	10.0
Procymidone	10.0
Prometryn	10.0
Pronamide	10.0
Propargite	10.0
Propiconazole	10.0
Pymetrozine	10.0
Pyraclostrobin	10.0
Pyridaben	10.0
Pyrimethanil	10.0
Pyriproxifen	10.0
Quinoxyfen	10.0
Resmethrin	10.0
Simazine	10.0
Spinetoram	10.0
Sulfentrazone	10.0

COMPOUND NAME	LOQ ug/Kg
Tebuconazole	10.0
Tebufenozide	10.0
Tetrachlorvinphos	10.0
Tetradifon	10.0
Tetrahydrophthalimide (THPI)	10.0
Thiabendazole	10.0
Thiacloprid	10.0
Thiamethoxam	10.0
Thiobencarb	10.0
Thiodicarb	10.0
Triadimefon	10.0
Triadimenol	10.0
Trifloxystrobin	10.0
Triflumazole	10.0
Trifluralin	10.0
Vinclozolin	10.0

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WHEN YOU NEED TO BE SURE

