Pacific Agricultural Laboratory
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PAL National Organics Program Pesticides Profile

Background

The USDA National Organic Program (NOP) requires organic certifiers to test approximately 5% of their certified operations on an annual basis. PAL offers a NOP pesticides profile that covers more than 85% of the compounds found on the Prohibited Pesticides for NOP Residue Testing, 7/11 rev. PAL first expanded the profile in 2015 to include current use compounds that are not approved for organic use. 2017 brings another expansion of the profile to keep pace with conventionally used products. While the NOP pesticides analysis regulations apply only to organic certifiers and their certified operators, PAL is offering the profile to growers, processors and buyers of organic foods and commodities.

PAL NOP Compliance

- PAL meets all requirements outlined in the NOP Laboratory Selection Criteria (NOP document 2611). Supporting documentation will be provided upon request.
- PAL maintains ISO 17025 accreditation, earned January 2013. Further, all compounds included in the PAL NOP Profile are covered under our scope of accreditation. Please contact our office to request a copy of our accreditation and current scope of work, or visit our web site at www.pacaglab.com.
- PAL issues analytical reports that include a statement of ISO 17025 accreditation and compliance and a statement that all testing meets NOP requirements.
- PAL employs AOAC Official Method 2007.01 (Quechers extraction, GC-MS/MS and LC-MS/MS Analysis).
- PAL continually strives to analyze as many compounds on the NOP 2611-1 target analyte list as possible as per section 5.1 of the Laboratory Selection Criteria for Pesticide Residue Testing document NOP 2611. Not all pesticides that are labeled for use in the United State are amenable to analysis using the Quechers method; the NOP list is a target list of compounds that provides a starting point for analysis of organic products. The PAL NOP list meets or exceeds the requirements for several large organic certifiers in our region.
- Other compounds not listed on the NOP list may be relevant in cases such as drift, cross contamination with conventional commodities during processing and packing, or other specific instances. PAL is prepared to work with customers in such instances, and the Quechers method is amenable to many compounds not found on the NOP list.

For more information, please contact either Steve Thun at sthun@pacaglab.com or Rick Jordan at rjordan@pacaglab.com, or visit our web site www.pacaglab.com. We look forward hearing from you!

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PAL 2017 National Organics Program Pesticides Profile

2,6-Dichlorobenzamide
3-Hydroxycarbofuran
Abamectin
Acephate
Acetamiprid
Acetochlor
Acibenzolar-S-methyl
Alachlor
Aldicarb
Aldicarb sulfone
Aldicarb sulfoxide
Aldrin
Allethrin
Amedoctradin
Ametryn
Atrazine
Azinphos-ethyl
Azinphos-methyl
Azoxystrobin
Bendiocarb
Benfluralin
Bensulide
BHC, alpha
BHC, beta
BHC, delta
BHC, gamma (Lindane)
Bifenazate
Bifenthrin
Bitertanol
Boscalid
Bromacil
Bromopropylate
Buprofezin
Captan
Carbaryl
Carbendazim
Carbofuran
Carfentrazone-ethyl
Chlorantraniliprole
Chlordane
Chloroneb
Chlorothalonil
Chlorpropham
Chlorpyrifos
Chlorpyrifos-methyl
Clethodim
Clofentezine
Clothianidin
Cyanazine
Cyantraniliprole
Cyazofamid
Cycloate
Cyflufenamid
Cyflumetofen
Cyfluthrin
Cyhalothrin
Cymoxanil
Cypermethrin
Cyprodinil
Cyromazine
Dacthal
DCPMU
DDD p,p'
DDE p,p'
DDT p,p'
Deltamethrin
Diazinon
Diazoxon
Dichlobenil
Dichlorofenthion
Dichlorvos
Diclofop methyl
Dicloran
Dicofol
Dieldrin
Difenoconazole
Diflubenzuron
Dimethenamid
Dimethoate
Dimethomorph
Dinotefuran
Diphenamid
Diphenylamine
Disulfoton
Disulfoton sulfone
Dithiopyr
Diuron
Dodine
d-Phenothrin
Emamectin benzoate
Endosulfan I
Endosulfan II
Endosulfan sulfate
Endrin
Endrin aldehyde
Endrin ketone
Esfenvalerate
Ethalfluralin
Ethion
Ethofumesate
Ethoprop
Ethoxyquin
Etoxazole
Etridazole
Famoxadone
Famphur
Fenamidone
Fenamiphos sulfone
Fenamiphos sulfoxide
Fenarimol
Fenazaquin
Fenbuconazole
Fenbutatin oxide
Fenhexamid
Fenobucarb
Fenoxaprop ethyl
Fenpropathrin
Fenpyroximate
Fenuron
Fenvalerate
Fipronil
Flonicamid
Fluazifop-P-butyl
Fluazinam
Flubendiamide
Fludioxonil
Flumioxazin
Fluometuron
Fluopicolide
Fluopyram
Fluoxastrobin
Flupyradifurone
Fluridone
Fluroxypr-meptyl
Flutolanil
Flutriafol
Fluvalinate
Fluxapyroxad
Fonofos
Formetanate HCl
Heptachlor

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Heptachlor epoxide
Hexachlorobenzene
Hexaconazole
Hexazinone
Hexythiazox
Imazalil
Imidacloprid
Indaziflam
Indoxacarb
Iprodione
Isoxaben
Kresoxim-methyl
Linuron
Malathion
Malaoxon
Mandipropamid
Mefenoxam
Metalaxyl
Metconazole
Methamidophos
Methidathion
Methiocarb
Methomyl
Methoxychlor
Methoxyfenozide
Metolachlor
Metrafenone
Metribuzin
Mevinphos
MGK-264
Myclobutanil
Naled (as Dichlorvos)
Napropamide
Nonachlor, - cis
Nonachlor, - trans
Norflurazon
Novaluron
Omethoate
o-Phenylphenol
Oryzalin
Oxadiazon
Oxadixyl
Oxamyl
Oxydemeton-methyl
Oxyfluorfen
Parathion-methyl
PCNB (Qunitozene)
Pendimethalin
Pentachloroaniline
Pentachlorobenzene
Pentachlorophenyl methyl-sulfide
Penthiopyrad
Permethrin
Phorate sulfone
Phorate sulfoxide
Phosalone
Phosmet
Phosphamidon
Piperonyl butoxide
Pirimicarb
Pirimiphos-methyl
Procymidone
Prodiamine
Prometon
Prometryn
Pronamide
Propachlor
Propargite
Propazine
Propiconazole
Prothioconazole
Pymetrozine
Pyraclostrobin
Pyraflufen-ethyl
Pyrethrin
Pyridaben
Pyrimethanil
Pyriproxyfen
Quinoxyfen
Rotenone
Saflufenacil
Sethoxydim
Siduron
Simazine
Simetryn
Spinetoram
Spinosad
Spirodiclofen
Spiromesifen
Spirotetramat
Spiroxamine
Sulfentrazone
Sulfoxaflor
Tebuconazole
Tebufenozide
Tebuthiuron
Terbacil
Terbuthylazine
Terbutyrn
Tetraconazole
Tetradifon
Thiabendazole
Thiacloprid
Thiamethoxam
Thiobencarb
Thiodicarb
Thiophanate-methyl
Tolfenpyrad
Triadimefon
Triadimenol
Triclorfon (as Dichlorvos)
Trifloxystrobin
Triflumizole
Trifluralin
Vinclozolin