

Section 3 Federally Registered Pesticides 8/11/2017

Brand name	Ingredient	Percent	EPA Registration Number	WSDA File Number	Company
ACTINO-IRON BIOLOGICAL FUNGICIDE	STREPTOMYCES LYDICUS WYEC 108	1.300%	73314-2	7	NOVOZYMES BIOAG INC
ACTINOVATE AG BIOLOGICAL FUNGICIDE	STREPTOMYCES LYDICUS WYEC 108	0.037%	73314-1	1	NOVOZYMES BIOAG INC
ACTINOVATE SP BIOLOGICAL FUNGICIDE	STREPTOMYCES LYDICUS WYEC 108	0.037%	73314-1	2	NOVOZYMES BIOAG INC
AGM 13027	COMPLEX POLYMERIC POLYHYDROXY ACIDS	0.180%	1381-256	197	WINFIELD SOLUTIONS LLC
AMICOS	BACILLUS SUBTILIS STRAIN IAB/BS03	0.080%	91473-1	3	SEIPASA S.A.
AZA-DIRECT BIOLOGICAL INSECTICIDE	AZADIRACTIN	1.200%	71908-1-10163	44	GOWAN CO.
AZAGUARD	AZADIRACTIN	3.000%	70299-17	18	BIOSAFE SYSTEMS
AZASOL	AZADIRACTIN	6.000%	81899-4-74578	14	ARBORJET INC
AZERA INSECTICIDE	AZADIRACTIN	1.200%	1021-1872	46	MCLAUGHLIN GORMLEY KING
AZERA INSECTICIDE	PYRETHRINS	1.400%	1021-1872	46	MCLAUGHLIN GORMLEY KING
BOTANIGARD MAXX	PYRETHRINS	0.750%	82074-5	9	LAM INTERNATIONAL CORPORATION
BOTANIGARD MAXX	BEAUVERIA BASSIANA STRAIN GHA	0.060%	82074-5	9	LAM INTERNATIONAL CORPORATION
CAPTIVA	CAPSICUM OLEORESIN EXTRACT	7.600%	10163-326	89	GOWAN CO.
CAPTIVA	GARLIC OIL	23.400%	10163-326	89	GOWAN CO.
CAPTIVA	SOYBEAN OIL	59.300%	10163-326	89	GOWAN CO.
CARBON POWER	COMPLEX POLYMERIC POLYHYDROXY ACIDS	0.180%	84846-2	2	FBSCIENCES, INC
CELITE 610	DIATOMACEOUS EARTH	100.000%	73729-1	2	IMERYS MINERALS CALIFORNIA INC
DEBUG TRES	AZADIRACTIN	3.000%	70310-8	4	AGRO LOGISTIC SYSTEMS INC
DEBUG TRES	NEEM OIL (MARGOSA OIL)	4.700%	70310-8	4	AGRO LOGISTIC SYSTEMS INC
DEBUG TURBO - AGRICULTURE, HORTICULTURE & GREENHOUSE USE	AZADIRACTIN	0.700%	70310-5	3	AGRO LOGISTIC SYSTEMS INC
DEBUG TURBO - AGRICULTURE, HORTICULTURE & GREENHOUSE USE	NEEM OIL (MARGOSA OIL)	65.800%	70310-5	3	AGRO LOGISTIC SYSTEMS INC
DIAFIL 610	DIATOMACEOUS EARTH	100.000%	73729-1	1	IMERYS MINERALS CALIFORNIA INC
DOUBLE NICKEL 55 BIOFUNGICIDE	BACILLUS AMYLOLIQUEFACIENS STRAIN D747	25.000%	70051-108	35	CERTIS USA LLC
DOUBLE NICKEL LC	BACILLUS AMYLOLIQUEFACIENS STRAIN D747	98.850%	70051-107	36	CERTIS USA LLC

ECOZIN PLUS 1.2% ME	AZADIRACTIN	1.200% 5481-559	72	AMVAC CHEMICAL CORP. MCLAUGHLIN GORMLEY KING
EVERGREEN PYRETHRUM CONCENTRATE	PYRETHRINS	5.000% 1021-2560	45	W NEUDORFF GMBH KG
FERROXX SLUG & SNAIL BAIT	SODIUM FERRIC EDTA	5.000% 67702-33	6	PLANT PROTECTANTS LLC
FUNGI-PHITE	PHOSPHOROUS ACID, MONO- AND DI-POTASSIUM SALTS (POTASSIUM PHOSPHITE)	45.500% 83472-1	1	SEIPASA S.A.
FUNGISEI	BACILLUS SUBTILIS STRAIN IAB/BS03	0.080% 91473-1	1	HDH AGRI PRODUCTS
HDH PEROXY BROAD SPECTRUM BACTERICIDE/FUNGICIDE	HYDROGEN PEROXIDE (DIOXIDE)	27.000% 83103-1	3	ENGAGE AGRO USA
IRON FIST SLUG AND SNAIL BAIT	SODIUM FERRIC EDTA	2.000% 67702-32-87865	2	W NEUDORFF GMBH KG
IRONWORXX SLUG & SNAIL BAIT	SODIUM FERRIC EDTA	5.000% 67702-33	8	CERTIS USA LLC
JAVELIN WG BIOLOGICAL INSECTICIDE	BACILLUS THURINGIENSIS SSP. KURSTAKI	85.000% 70051-66	11	MORSE ENTERPRISES DBA KEYPLEX
KEYPLEX 350 OR	SACCHAROMYCES CEREVISIAE YEAST EXTRACT HYDROLYSATE	0.063% 73512-4	1	LOVELAND PROD./CROP PROTECTION SVCS
LEAF LIFE SLUGGO SNAIL AND SLUG BAIT	IRON PHOSPHATE (FEPO4)	1.000% 67702-3-34704	317	LAM INTERNATIONAL CORPORATION
LYNX EC 1.4	PYRETHRINS	1.400% 82074-6	6	LAM INTERNATIONAL CORPORATION
LYNX EC 5.0	PYRETHRINS	5.000% 82074-7	7	BIOWORKS INC
MOLT-X	AZADIRACTIN	3.000% 68539-11	11	VERDERA OY
MYCOSTOP MIX	STREPTOMYCES GRISEOVIRIDIS STRAIN K61	4.000% 64137-9	2	CERTIS USA LLC
NEEMIX 4.5	AZADIRACTIN	4.500% 70051-9	18	AHIMSA ALTERNATIVE INC. THE
NIMBIOSYS NEEM OIL FOR ORGANIC PRODUCTION	NEEM OIL (MARGOSA OIL)	100.000% 84181-2	1	UNITED SUPPLIERS
OPTIFY	COMPLEX POLYMERIC POLYHYDROXY ACIDS	0.180% 33270-37	10	UNITED SUPPLIERS
OPTIFY-STRETCH	COMPLEX POLYMERIC POLYHYDROXY ACIDS	0.110% 33270-40	11	UNITED SUPPLIERS
OPTIFY-STRETCH	CYTOKININ (KINETIN)	0.010% 33270-40	11	CH2O INC.
PEROX-CIDE	HYDROGEN PEROXIDE (DIOXIDE)	27.000% 83103-1-43553	40	A GROWING ALTERNATIVE INC
PERPOSE PLUS	HYDROGEN PEROXIDE (DIOXIDE)	33.000% 86729-1	1	CERTIS USA LLC
PFR-97 20% WDG	ISARIA FUMOSOROSEA	20.000% 70051-19	26	PRENTISS INCORPORATED
PRENTOX PYRONYL CROP SPRAY	PYRETHRINS	6.000% 655-489	6	

PRENTOX PYRONYL CROP SPRAY	PIPERONYL BUTOXIDE	60.000% 655-489	6	PRENTISS INCORPORATED
PREVONT	BACILLUS SUBTILIS STRAIN IAB/BS03	0.080% 91473-1	2	SEIPASA S.A.
PYGANIC CROP PROTECTION EC 1.4 II	PYRETHRINS	1.400% 1021-1771	19	MCLAUGHLIN GORMLEY KING
PYGANIC CROP PROTECTION EC 5.0 II	PYRETHRINS	5.000% 1021-1772	21	MCLAUGHLIN GORMLEY KING
PYRENONE CROP SPRAY	PIPERONYL BUTOXIDE	60.000% 432-1033	33	BAYER ENVIRONMENTAL SCIENCE
PYRENONE CROP SPRAY	PYRETHRINS	6.000% 432-1033	33	BAYER ENVIRONMENTAL SCIENCE
PYRONYL CROP SPRAY	PYRETHRINS	6.000% 89459-26	78	CENTRAL GARDEN & PET COMPANY
PYRONYL CROP SPRAY	PIPERONYL BUTOXIDE	60.000% 89459-26	78	CENTRAL GARDEN & PET COMPANY
SERENADE ASO	BACILLUS SUBTILIS QST713 STRAIN	1.340% 264-1152	214	BAYER CROPSCIENCE LP
SERENADE MAX	BACILLUS SUBTILIS QST713 STRAIN	14.600% 264-1151	213	BAYER CROPSCIENCE LP
SERENADE OPTI	BACILLUS SUBTILIS QST713 STRAIN	26.200% 264-1160	222	BAYER CROPSCIENCE LP
SERENADE OPTIMUM	BACILLUS SUBTILIS QST713 STRAIN	26.200% 264-1160	208	BAYER CROPSCIENCE LP
SIL-MATRIX FUNGICIDE/MITICIDE/INSECTICIDE	POTASSIUM SILICATE	29.000% 82100-1	1	PQ CORPORATION
SOILGARD	GLIOCLADIUM VIRENS G-21	12.000% 70051-3	33	CERTIS USA LLC
SUBTILEX NG BIOLOGICAL FUNGICIDE	BACILLUS SUBTILIS MBI 600	9.900% 71840-8	9	BASF CORPORATION
SURROUND WP	KAOLIN	95.000% 61842-18	11	TESSENDERLO KERLEY INC.
TERRACLEAN 5.0	HYDROGEN PEROXIDE (DIOXIDE)	27.000% 70299-13	26	BIOSAFE SYSTEMS
TERRACLEAN 5.0	PEROXYACETIC ACID	5.000% 70299-13	26	BIOSAFE SYSTEMS
THE ECOLOGY WORKS SOLUNEEM	AZADIRACTIN	6.000% 81899-4-67419	3	ECOLOGY WORKS
TRILOGY FUNGICIDE/MITICIDE/INSECTICIDE	CLARIFIED HYDROPHOBIC EXTRACT OF NEEM OIL	70.000% 70051-2	2	CERTIS USA LLC
XPECTRO OD	PYRETHRINS	0.750% 82074-5	8	LAM INTERNATIONAL CORPORATION
XPECTRO OD	BEAUVERIA BASSIANA STRAIN GHA	0.060% 82074-5	8	LAM INTERNATIONAL CORPORATION
ZONIX BIOFUNGICIDE	RHAMNOLIPID BIOSURFACTANT	8.500% 72431-1	1	JENEIL BIOSURFACTANT COMPANY

Section 25b Minimum Risk Pesticides 8/11/2017

Brand name	Ingredient	Percent	WA Registration Number	WSDA File Number	Company
86 MITES + MOLD CONCENTRATE	ROSEMARY OIL	1.200%	999850-15002	2	NORCAL PLANT NUTRIENTS LLC
86 MITES + MOLD CONCENTRATE	LEMONGRASS OIL	0.600%	999850-15002	2	NORCAL PLANT NUTRIENTS LLC
86 MITES + MOLD CONCENTRATE	CINNAMON OIL	0.500%	999850-15002	2	NORCAL PLANT NUTRIENTS LLC
86 MITES + MOLD CONCENTRATE	COTTONSEED OIL	0.300%	999850-15002	2	NORCAL PLANT NUTRIENTS LLC
86 MITES + MOLD READY TO USE	ROSEMARY OIL	0.300%	999850-15001	1	NORCAL PLANT NUTRIENTS LLC
86 MITES + MOLD READY TO USE	LEMONGRASS OIL	0.100%	999850-15001	1	NORCAL PLANT NUTRIENTS LLC
86 MITES + MOLD READY TO USE	CINNAMON OIL	0.100%	999850-15001	1	NORCAL PLANT NUTRIENTS LLC
86 MITES + MOLD READY TO USE	COTTONSEED OIL	0.100%	999850-15001	1	NORCAL PLANT NUTRIENTS LLC
ALL PER-PLUS CONCENTRATE	CLOVE OIL	0.330%	997750-15001	2	ALLPER-PLUS
ALL PER-PLUS CONCENTRATE	GERANIOL	0.390%	997750-15001	2	ALLPER-PLUS
ALL PER-PLUS CONCENTRATE	ROSEMARY OIL	0.330%	997750-15001	2	ALLPER-PLUS
ALL PER-PLUS READY TO USE	CLOVE OIL	0.190%	997750-15002	1	ALLPER-PLUS
ALL PER-PLUS READY TO USE	GERANIOL	0.190%	997750-15002	1	ALLPER-PLUS
ALL PER-PLUS READY TO USE	ROSEMARY OIL	0.130%	997750-15002	1	ALLPER-PLUS
BIOLINK INSECT REPELLANT	GARLIC	20.000%	51517-03002	4	WESTBRIDGE AGRICULTURAL PROD.
BRANDT ECOTEC PLUS	ROSEMARY OIL	10.000%	48813-16014	39	BRANDT CONSOLIDATED
BRANDT ECOTEC PLUS	GERANIOL	5.000%	48813-16014	39	BRANDT CONSOLIDATED
BRANDT ECOTEC PLUS	PEPPERMINT OIL	2.000%	48813-16014	39	BRANDT CONSOLIDATED
BRANDT ORGANICS ALEO	GARLIC OIL	78.000%	48813-17002	56	BRANDT CONSOLIDATED
BUSHDOCTOR FORCE OF NATURE FUNGICIDE	COTTONSEED OIL	30.000%	71996-15001	3	UNITED COMPOST & ORGANICS INC
BUSHDOCTOR FORCE OF NATURE FUNGICIDE	CORN OIL	30.000%	71996-15001	3	UNITED COMPOST & ORGANICS INC
BUSHDOCTOR FORCE OF NATURE FUNGICIDE	GARLIC OIL	23.000%	71996-15001	3	UNITED COMPOST & ORGANICS INC
BUSHDOCTOR FORCE OF NATURE INSECT REPELLENT	GARLIC OIL	10.000%	71996-15002	4	UNITED COMPOST & ORGANICS INC
BUSHDOCTOR FORCE OF NATURE MITICIDE	COTTONSEED OIL	40.000%	71996-15003	5	UNITED COMPOST & ORGANICS INC
BUSHDOCTOR FORCE OF NATURE MITICIDE	CLOVE OIL	20.000%	71996-15003	5	UNITED COMPOST & ORGANICS INC
BUSHDOCTOR FORCE OF NATURE MITICIDE	GARLIC OIL	10.000%	71996-15003	5	UNITED COMPOST & ORGANICS INC
ECOTEC	PEPPERMINT OIL	2.000%	48813-09001	1	BRANDT CONSOLIDATED
ECOTEC	ROSEMARY OIL	10.000%	48813-09001	1	BRANDT CONSOLIDATED
ECOTROL PLUS INSECTICIDE MITICIDE	GERANIOL	5.000%	73512-15001	2	MORSE ENTERPRISES DBA KEYPLEX
ECOTROL PLUS INSECTICIDE MITICIDE	PEPPERMINT OIL	2.000%	73512-15001	2	MORSE ENTERPRISES DBA KEYPLEX
ECOTROL PLUS INSECTICIDE MITICIDE	ROSEMARY OIL	10.000%	73512-15001	2	MORSE ENTERPRISES DBA KEYPLEX

FLAT LINE	LEMONGRASS OIL	1.500%	996920-16001	1	DAKINE 420
FLAT LINE	GARLIC OIL	0.500%	996920-16001	1	DAKINE 420
GUARD 'N SPRAY	CINNAMON OIL	0.001%	999780-15001	1	RHIZOFLOA INC
GUARD 'N SPRAY	ROSEMARY OIL	0.005%	999780-15001	1	RHIZOFLOA INC
GUARD 'N SPRAY	SESAME OIL	0.005%	999780-15001	1	RHIZOFLOA INC
INSECT ANNIHILATOR CONC	ROSEMARY OIL	7.000%	997630-16001	1	GREENEAGLE TECHNOLOGIES.COM
INSECT ANNIHILATOR CONC	THYME OIL	0.250%	997630-16001	1	GREENEAGLE TECHNOLOGIES.COM
INSECT ANNIHILATOR CONC	CLOVE OIL	0.250%	997630-16001	1	GREENEAGLE TECHNOLOGIES.COM
INSECT ANNIHILATOR CONC	CINNAMON OIL	0.250%	997630-16001	1	GREENEAGLE TECHNOLOGIES.COM
INSECT ANNIHILATOR RTU	ROSEMARY OIL	0.700%	997630-16002	2	GREENEAGLE TECHNOLOGIES.COM
INSECT ANNIHILATOR RTU	THYME OIL	0.030%	997630-16002	2	GREENEAGLE TECHNOLOGIES.COM
INSECT ANNIHILATOR RTU	CLOVE OIL	0.030%	997630-16002	2	GREENEAGLE TECHNOLOGIES.COM
INSECT ANNIHILATOR RTU	CINNAMON OIL	0.030%	997630-16002	2	GREENEAGLE TECHNOLOGIES.COM
LIQUID LADYBUG SPIDER MITE SPRAY	CITRIC ACID	0.100%	998670-10001	1	ECO ORGANICS -ASAP PRODUCTS LLC-
LIQUID LADYBUG SPIDER MITE SPRAY	GERANIOL	0.300%	998670-10001	1	ECO ORGANICS -ASAP PRODUCTS LLC-
LIQUID LADYBUG SPIDER MITE SPRAY	PEPPERMINT OIL	0.400%	998670-10001	1	ECO ORGANICS -ASAP PRODUCTS LLC-
MANTIS BE	ROSEMARY OIL	3.000%	998930-16001	1	DOMINION ORGANICS
MANTIS EC	PEPPERMINT OIL	5.000%	996860-17001	1	MANTIS PLANT PROTECTION LLC
MANTIS EC	ROSEMARY OIL	5.000%	996860-17001	1	MANTIS PLANT PROTECTION LLC
MANTIS EC	SOYBEAN OIL	80.000%	996860-17001	1	MANTIS PLANT PROTECTION LLC
METHOD 1-PPS	PEPPERMINT OIL	3.000%	998070-15001	1	GROWTH EFFICIENCY TECHNOLOGIES
METHOD 1-PPS	ROSEMARY OIL	7.000%	998070-15001	1	GROWTH EFFICIENCY TECHNOLOGIES
MILDEW CONTROL	GERANIOL	16.700%	89943-15001	2	VEGALAB LLC
MILDEW CURE FUNGICIDE FOR POWDERY MILDEW CONTROL	CORN OIL	30.000%	68573-09002	14	JH BIOTECH INC.
MILDEW CURE FUNGICIDE FOR POWDERY MILDEW CONTROL	COTTONSEED OIL	30.000%	68573-09002	14	JH BIOTECH INC.

MILDEW CURE FUNGICIDE FOR POWDERY MILDEW CONTROL	GARLIC OIL	23.000%	68573-09002	14	JH BIOTECH INC.
MOLE & VOLE STOPPER CONCENTRATE	CASTOR OIL	46.660%	82165-10002	14	MESSINA WILDLIFE MANAGEMENT
MOLE & VOLE STOPPER CONCENTRATE	MINT OIL	5.620%	82165-10002	14	MESSINA WILDLIFE MANAGEMENT
MOLE & VOLE STOPPER CONCENTRATE	ROSEMARY OIL	5.620%	82165-10002	14	MESSINA WILDLIFE MANAGEMENT
MOLE & VOLE STOPPER CONCENTRATE	SODIUM LAURYL SULFATE	0.020%	82165-10002	14	MESSINA WILDLIFE MANAGEMENT
MOLE & VOLE STOPPER GRANULAR	CASTOR OIL	9.900%	82165-12005	20	MESSINA WILDLIFE MANAGEMENT
MOLE & VOLE STOPPER GRANULAR	GERANIOL	0.970%	82165-12005	20	MESSINA WILDLIFE MANAGEMENT
MOLE & VOLE STOPPER GRANULAR	PEPPERMINT OIL	0.290%	82165-12005	20	MESSINA WILDLIFE MANAGEMENT
NUKE EM	CITRIC ACID	0.050%	997940-14001	1	MARCO INDUSTRIES DBA FLYING SKULL PLANT PRODUCTS
PESTOUT BROAD SPECTRUM MITICIDE/INSECTICIDE	CLOVE OIL	20.000%	68573-09001	13	JH BIOTECH INC.
PESTOUT BROAD SPECTRUM MITICIDE/INSECTICIDE	COTTONSEED OIL	40.000%	68573-09001	13	JH BIOTECH INC.
PESTOUT BROAD SPECTRUM MITICIDE/INSECTICIDE	GARLIC OIL	10.000%	68573-09001	13	JH BIOTECH INC.
PM 80	CITRIC ACID	0.200%	997940-16001	2	MARCO INDUSTRIES DBA FLYING SKULL PLANT PRODUCTS
PROCIDIC2	CITRIC ACID	3.500%	999550-16002	2	URBAN-GRO LLC
RID-BUGS	CLOVE OIL	2.000%	998920-08001	1	AZ ENTERPRISES INC.
RID-BUGS	ROSEMARY OIL	2.000%	998920-08001	1	AZ ENTERPRISES INC.
RID-BUGS	SESAME OIL	5.000%	998920-08001	1	AZ ENTERPRISES INC.
SMITE	COTTONSEED OIL	0.100%	91829-16002	2	SUPREME GROWERS LLC
SMITE	GERANIOL	20.000%	91829-16002	2	SUPREME GROWERS LLC
SMITE	PEPPERMINT OIL	1.000%	91829-16002	2	SUPREME GROWERS LLC
SMITE	ROSEMARY OIL	0.010%	91829-16002	2	SUPREME GROWERS LLC
SPIDER MITE CONTROL	COTTONSEED OIL	0.100%	89943-15002	3	VEGALAB LLC
SPIDER MITE CONTROL	GERANIOL	20.000%	89943-15002	3	VEGALAB LLC
SPIDER MITE CONTROL	PEPPERMINT OIL	1.000%	89943-15002	3	VEGALAB LLC
SPIDER MITE CONTROL	ROSEMARY OIL	0.010%	89943-15002	3	VEGALAB LLC
SPORAN EC2	CLOVE OIL	10.000%	73512-16001	4	MORSE ENTERPRISES DBA KEYPLEX
SPORAN EC2	PEPPERMINT OIL	2.000%	73512-16001	4	MORSE ENTERPRISES DBA KEYPLEX
SPORAN EC2	ROSEMARY OIL	16.000%	73512-16001	4	MORSE ENTERPRISES DBA KEYPLEX
SPORAN EC2	THYME OIL	10.000%	73512-16001	4	MORSE ENTERPRISES DBA KEYPLEX
SPORE CONTROL	THYME OIL	1.000%	89943-15003	4	VEGALAB LLC

TETRACURB CONCENTRATE	ROSEMARY OIL	50.000% 8596-16001	1	KEMIN INDUSTRIES INC
THYME GUARD	THYME OIL	23.000% 997700-15001	1	AGRO RESEARCH INTERNATIONAL
TRIFECTA CROP CONTROL	CITRIC ACID	2.000% 997020-16001	1	TRIFECTA LLC
TRIFECTA CROP CONTROL	CLOVE OIL	10.000% 997020-16001	1	TRIFECTA LLC
TRIFECTA CROP CONTROL	CORN OIL	3.000% 997020-16001	1	TRIFECTA LLC
TRIFECTA CROP CONTROL	GARLIC OIL	9.000% 997020-16001	1	TRIFECTA LLC
TRIFECTA CROP CONTROL	GERANIOL	3.000% 997020-16001	1	TRIFECTA LLC
TRIFECTA CROP CONTROL	PEPPERMINT OIL	4.000% 997020-16001	1	TRIFECTA LLC
TRIFECTA CROP CONTROL	ROSEMARY OIL	2.000% 997020-16001	1	TRIFECTA LLC
TRIFECTA CROP CONTROL	THYME OIL	14.000% 997020-16001	1	TRIFECTA LLC