

Pesticides Registered for Use in Green Onion in Hawai'i **

Active Ingredient Product Name	EPA Reg. No.	Registrant	Pest(s) (as listed for the specified crop)
Insecticides			
Acetamiprid (IRAC Group 4A)			
ASSAIL 70 WP INSECTICIDE (DISC.)	8033-23-82695	CEREXAGRI-NISSO	Thrips
ASSAIL 70WP INSECTICIDE	8033-23	NIPPON SODA	Thrips
ASSAIL 70WP INSECTICIDE	8033-23-70506	UNITED PHOSPHORUS	Thrips
ASSAIL 30 SG INSECTICIDE	8033-36	NIPPON SODA	Thrips
ASSAIL 30 SG INSECTICIDE	8033-36-70506	UNITED PHOSPHORUS	Thrips
Aliphatic petroleum solvent			
SUFFOIL-X SPRAY OIL EMULSION	48813-1-68539	BIOWORKS	Aphid, leafhopper, leafminer, looper, mites, plant bug, thrips, whitefly
TRITEK	48813-1	BRANDT	Aphid, leafhopper, leafminer, looper, mites, plant bug, thrips, whitefly
Azadirachtin (IRAC Group UN)			
ECOZIN PLUS 1.2% ME	5481-559	AMVAC	Broad spectrum insecticide and nematocide
MOLT-X BOTANICALLY BASED INSECTICIDE/NEMATICIDE	68539-11	BIOWORKS	Broad spectrum insecticide and nematocide
NEEMAZAD 1% EC INSECT GROWTH REGULATOR	70051-104	CERTIS	Broad spectrum insecticide
NEEMIX 4.5 INSECT GROWTH REGULATOR	70051-9	CERTIS	Broad spectrum insecticide
AZAGUARD BOTANICAL INSECTICIDE/NEMATICIDE	70299-17	BIOSAFE	Broad spectrum insecticide and nematocide
AZATIN XL BIOLOGICAL INSECTICIDE	70051-27-59807	OLYMPIC	Broad spectrum insecticide
AZA-DIRECT BIOLOGICAL INSECTICIDE	71908-1-10163	GOWAN	Broad spectrum insecticide
AZASOL	81899-4	SOLUNEEM	Broad spectrum insecticide
Bacillus thuringiensis (IRAC Group 11A)			
DELIVER BIOLOGICAL INSECTICIDE	70051-69	CERTIS	Caterpillars, worms, Lepidopteran larvae
JAVELIN WG BIOLOGICAL INSECTICIDE	70051-66	CERTIS	Caterpillars, worms, Lepidopteran larvae
AGREE WG BIOLOGICAL INSECTICIDE	70051-47	CERTIS	Caterpillars, worms, Lepidopteran larvae
DIPEL DF BIOLOGICAL INSECTICIDE DRY FLOWABLE	73049-39	VALENT BIO.	Caterpillars, worms, Lepidopteran larvae
CRYMAX BIOINSECTICIDE	70051-86	CERTIS	Caterpillars, worms, Lepidopteran larvae
XENTARI BIOLOGICAL INSECTICIDE DRY FLOWABLE	73049-40	VALENT BIO.	Caterpillars, worms, Lepidopteran larvae

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Beauveria bassiana			
BOTANIGARD ES	82074-1	LAVERLAM	Broad spectrum insecticide
BOTANIGARD 22 WP	82074-2	LAVERLAM	Broad spectrum insecticide
MYCOTROL O	82074-3	LAVERLAM	Broad spectrum insecticide
Borax (IRAC Group 8D)			
PREV-AM ULTRA	72662-3	ORO AGRI	Aphid, whitefly, cabbage looper, beet armyworm
Chenopodium ambrosioides extract			
REQUIEM EC	69592-25	AGRAQUEST	Western flower thrips, onion thrips
Cyromazine (IRAC Group 17)			
TRIGARD INSECTICIDE	100-654	SYNGENTA	Leafminer
Deltamethrin (IRAC Group 3A)			
BATTALION 0.2 EC *	264-1007-66330	ARYSTA	Cutworm, stink bug, thrips
BATTALION 1.5 EC *	264-1011-66330	ARYSTA	Cutworm, stink bug, thrips
BATTALION 1.5 EC INSECTICIDE*	66330-374	ARYSTA	Cutworm, stink bug, thrips
SHOOTER INSECTICIDE (with geraniol and thyme oil)	66330-390	ARYSTA	Cutworm, stink bug, thrips
Diazinon (IRAC Group 1B)			
DIAZINON AG600 WBC INSECTICIDE*	66222-103-34704	LOVELAND	Onion maggot, wireworm
DIAZINON 50W*	66222-10	MAKHTESHIM-AGAN	Onion maggot, wireworm
DIAZINON AG500*	66222-9	MAKHTESHIM-AGAN	Onion maggot, wireworm
Clarified hydrophobic neem oil			
TRILOGY	70051-2	CERTIS	Various insects, mite, and diseases
TRIACT 70	70051-2-59807	OLYMPIC HORT. PROD.	Various insects, mite, and diseases
Fats and glyceridic oils, margosa			
DEBUG TURBO (with azadirachtin)	70310-5	AGRO LOGISTICS	Broad spectrum pesticide
NIMBIOSYS NEEM OIL	84181-2	AHIMSA ALT.	Broad spectrum insecticide
PLASMA NEEM OIL BIOLOGICAL INSECTICIDE	84185-4	PLASMA POWER	Broad spectrum insecticide
Kaolin clay			
SURROUND WP CROP PROTECTANT	61842-18	TESSENDERLO	Thrips (suppression only), sunburn, heat stress

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Malathion (IRAC Group 1B)			
MALATHION 5EC	66330-220	ARYSTA	Onion maggot, onion thrips
DREXEL MALATHION 5 EC INSECTICIDE / MITICIDE	19713-217	DREXEL	Onion maggot, onion thrips
MALATHION 57 EC	34704-108	LOVELAND	Onion maggot, onion thrips
MALATHION 8 AQUAMUL	34704-474	LOVELAND	Onion maggot, onion thrips
PRENTOX 5 LB. MALATHION SPRAY	655-777	PRENTISS	Onion maggot, onion thrips
Methomyl (IRAC Group 1A)			
M1SP INSECTICIDE*	352-342-85588	AGSURF	Beet armyworm, thrips, variegated cutworm, black cutworm
M1 LV INSECTICIDE*	352-384-85588	AGSURF	Beet armyworm, thrips, variegated cutworm, black cutworm
DU PONT LANNATE SP INSECTICIDE*	352-342	DUPONT	Beet armyworm, thrips, variegated cutworm, black cutworm
DU PONT LANNATE LV INSECTICIDE*	352-384	DUPONT	Beet armyworm, thrips, variegated cutworm, black cutworm
NUDRIN SP INSECTICIDE*	83100-28-83979	ROTAM	Beet armyworm, thrips, variegated cutworm, black cutworm
NUDRIN LV INSECTICIDE*	83100-27-83979	ROTAM	Beet armyworm, thrips, variegated cutworm, black cutworm
Methoxyfenozide (IRAC Group 18)			
INTREPID 2F AGRICULTURAL INSECTICIDE	62719-442	DOW	Lepidopteran larvae including: armyworm, looper, European corn borer
Parathion-methyl (IRAC Group 1B)			
CHEMINOVA METHYL 4EC*	67760-43	CHEMINOVA	Thrips
Piperonyl butoxide			
SYNERPRO PBO	53883-258	CONTROL SOLUTIONS	Insecticide synergist
PRENTOX PBO-8 (needs new HI label)	655-736	PRENTISS	Insecticide synergist
Piperonyl butoxide + pyrethrins (IRAC Group 3A)			
PRESCRIPTION TREATMENT BRAND PYRETH-IT FORMULA 2	499-475	WHITMIRE MICRO-GEN	Broad spectrum insecticide
PRESCRIPTION TREATMENT BRAND PYRETH-IT PYRETHRUM INSECTICIDE	1021-1091-499	WHITMIRE MICRO-GEN	Broad spectrum insecticide
EVERGREEN CROP PROTECTION EC 60-6	1021-1770	MGK	Broad spectrum insecticide
PRENTOX PYRONYL CROP SPRAY	655-489	PRENTISS	Broad spectrum insecticide
Potassium salts of fatty acids			
M-PEDE INSECTICIDE MITICIDE FUNGICIDE	10163-324	GOWAN	Broad spectrum insecticide

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Potassium silicate			
SIL-MATRIX FUNGICIDE/MITICIDE/INSECTICIDE	82100-1	PQ	Insect suppression, disease prevention
Pyrethrins (IRAC Group 3A)			
PYGANIC CROP PROTECTION EC 1.4 II	1021-1771	MGK	Broad spectrum insecticide
PYGANIC CROP PROTECTION EC 5.0 II	1021-1772	MGK	Broad spectrum insecticide
Pyriproxyfen (IRAC Group 7C)			
KNACK INSECT GROWTH REGULATOR	59639-95	VALENT	Onion thrips
Spinetoram (IRAC Group 5)			
RADIANT SC	62719-545	DOW	Armyworm, European corn borer, looper, dipterous leafminer, flea beetle (suppression), thrips
Spinosad (IRAC Group 5)			
ENTRUST	62719-282	DOW	Armyworm, looper, flea beetle, dipteran leafminer, European corn borer, thrips (suppression)
SUCCESS	62719-292	DOW	Armyworm, looper, flea beetle, dipteran leafminer, European corn borer, thrips (suppression)
SEDUCE INSECT BAIT	67702-25-70051	CERTIS	Earwigs, cutworms
Sulfur			
KUMULUS DF FUNGICIDE/ACARICIDE	51036-352-66330	ARYSTA	Petrobia mite, powdery mildew
MICROTHIOL DISPERSS	70506-187	UNITED PHOSPHORUS	Petrobia mite, powdery mildew
MICRO SULF	55146-75	NUFARM	Petrobia mite, powdery mildew
ACOIDAL	62562-4	QUIMETAL	Petrobia mite, powdery mildew
DEFEND DF	62562-8	QUIMETAL	Petrobia mite, powdery mildew
COSAVET-DF FUNGICIDE-MITICIDE	70905-1	SULPHUR MILLS	Petrobia mite, powdery mildew
Zeta-cypermethrin (IRAC Group 3A)			
RESPECT INSECTICIDE*	279-3249-7969	BASF	Armyworm, cutworm, leafminer (adult), onion maggot (adult), stink bug, aphid, onion thrips
RESPECT® EC INSECTICIDE*	279-3327-7969	BASF	Armyworm, cutworm, leafminer (adult), onion maggot (adult), stink bug, aphid, onion thrips
MUSTANG INSECTICIDE*	279-3126	FMC	Armyworm, cutworm, leafminer (adult), onion maggot (adult), stink bug, aphid, onion thrips
MUSTANG MAX EC INSECTICIDE*	279-3327	FMC	Armyworm, cutworm, leafminer (adult), onion maggot (adult), stink bug, aphid, onion thrips
MUSTANG MAX EW INSECTICIDE*	279-3328	FMC	Armyworm, cutworm, leafminer (adult), onion maggot (adult), stink bug, aphid, onion thrips

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Fungicides			
Azoxystrobin (FRAC Group 11)			
QUADRI FLOWABLE FUNGICIDE	100-1098	SYNGENTA	Cladosporium leaf blotch, purple blotch, rust, downy mildew, Botrytis leaf blight, Rhizoctonia damping-off
Bacillus pumilus (FRAC Group 44)			
SONATA	69592-13	AGRAQUEST	Downy mildew, powdery mildew, rust (suppression)
Bacillus subtilis (FRAC Group 44)			
DOUBLE NICKLE LC	70051-107	CERTIS	Botrytis spp., purple blotch, downy mildew, powdery mildew, rust, root diseases (Pythium, Rhizoctonia, Fusarium, etc.)
DOUBLE NICKLE 55	70051-108	CERTIS	Botrytis spp., purple blotch, downy mildew, powdery mildew, rust, root diseases (Pythium, Rhizoctonia, Fusarium, etc.)
SERENADE MAX	69592-11	AGRAQUEST	Powdery mildew, purple blotch, downy mildew, Botrytis leaf blight and neck rot, rust (suppression)
SERENADE ASO	69592-12	AGRAQUEST	Powdery mildew, purple blotch, downy mildew, Botrytis leaf blight and neck rot, rust (suppression)
SERENADE SOIL (supplemental label)	69592-12	AGRAQUEST	Pink rot (suppression)
CEASE (greenhouse use)	69592-19-68539	BIOWORKS	Powdery mildew, purple blotch, downy mildew, Botrytis leaf blight and neck rot, rust (suppression)
OPTIVA	69592-26	AGRAQUEST	Purple blotch, Botrytis leaf blight and neck rot, white rot
Basic copper sulfate (FRAC Group M1)			
BASIC COPPER 50W HB	42750-168	ALBAUGH	Purple blotch, downy mildew
BASIC COPPER 53	45002-8	ALBAUGH	Purple blotch, downy mildew
CUPROFIX ULTRA 40 DISPERS	70506-201	UNITED PHOSPHORUS	Bacterial blight, purple blotch, downy mildew
Boscalid (FRAC Group 7)			
ENDURA FUNGICIDE	7969-197	BASF	Botrytis leaf blight, purple blotch
Carbonic acid, monopotassium salt (FRAC Group NC)			
KALIGREEN	11581-2	OTSUKA AGRITECH.	Powdery mildew
Chlorothalonil (FRAC Group M5)			
CHLOROTHALONIL 720 SC	66330-362	ARYSTA	Botrytis leaf blight, purple blotch, downy mildew (suppress.)
INITIATE 720 FLOWABLE FUNGICIDE	34704-881	LOVELAND	Botrytis leaf blight, purple blotch, downy mildew (suppress.)
RIDOMIL GOLD BRAVO SC (with metalaxyl)	100-1221	SYNGENTA	Botrytis leaf blight, purple blotch, downy mildew
RIDOMIL GOLD BRAVO FUNGICIDE (with metalaxyl)	100-800	SYNGENTA	Botrytis leaf blight, purple blotch, downy mildew

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Chlorothalonil (FRAC Group M5) (continued)			
CHLORONIL 720 AGRICULTURAL FUNGICIDE	50534-188-100	SYNGENTA	Botrytis leaf blight, purple blotch, downy mildew (suppress.)
BRAVO WEATHERSTIK AGRICULTURAL FUNGICIDE	50534-188-100	SYNGENTA	Botrytis leaf blight, purple blotch, downy mildew (suppress.)
BRAVO ZN AGRICULTURAL FUNGICIDE	50534-204-100	SYNGENTA	Botrytis leaf blight, purple blotch, downy mildew (suppress.)
Copper hydroxide (FRAC Group M1)			
NU-COP HB	42750-132	ALBAUGH	Purple blotch, downy mildew, bacterial blight
NU-COP 3L	42750-75	ALBAUGH	Purple blotch, downy mildew
NU-COP 50 DF	45002-4	ALBAUGH	Purple blotch, downy mildew, bacterial blight
NU-COP 50WP	45002-7	ALBAUGH	Purple blotch, downy mildew
DUPONT KOCIDE 2000 FUNGICIDE/BACTERICIDE	352-656	DUPONT	Purple blotch, downy mildew, bacterial blight
DUPONT KOCIDE 3000 FUNGICIDE/BACTERICIDE	352-662	DUPONT	Purple blotch, downy mildew, bacterial blight
DUPONT KOCIDE 101 FUNGICIDE/BACTERICIDE	352-681	DUPONT	Purple blotch, downy mildew, bacterial blight
DUPONT KOCIDE 4.5LF FUNGICIDE/BACTERICIDE	352-684	DUPONT	Purple blotch, downy mildew, bacterial blight
DUPONT KOCIDE DF FUNGICIDE/BACTERICIDE	352-688	DUPONT	Purple blotch, downy mildew, bacterial blight
GRIFFIN KOCIDE LF FUNGICIDE/BACTERICIDE	1812-338	GRIFFIN	Purple blotch, downy mildew, bacterial blight
BADGE X2 (with copper oxychloride)	80289-12	ISAGRO	Purple blotch, downy mildew, bacterial blight
KENTAN DF	80289-2	ISAGRO	Purple blotch, downy mildew, bacterial blight
BADGE SC (with copper oxychloride)	80289-3	ISAGRO	Purple blotch, downy mildew, bacterial blight
CHAMPION WG AGRICULTURAL FUNGICIDE	55146-1	NUFARM	Purple blotch, downy mildew, bacterial blight
CHAMP FORMULA 2 FLOWABLE AG. FUNG./BACT.	55146-64	NUFARM	Purple blotch, downy mildew, bacterial blight
RIDOMIL GOLD COPPER FUNGICIDE (with metalaxyl)	100-804	SYNGENTA	Downy mildew
Copper salts of fatty and rosin acids (FRAC Group M1)			
TENNCOP 5E FUNGICIDE/BACTERICIDE	1812-381	GRIFFIN	Bacterial soft rot, downy mildew, gray mold, neck rot
Copper octanoate (FRAC Group M1)			
CAMELOT O FUNGICIDE/BACTERICIDE	67702-2-67690	SEPRO	Botrytis leaf blight, downy mildew, neck rot, bacterial soft rot
CUEVA FUNGICIDE CONCENTRATE	67702-2-70051	CERTIS	Botrytis leaf blight, downy mildew, neck rot, bacterial soft rot
Copper oxide (FRAC Group M1)			
NORDOX 75 WG	48142-4	NORDOX	Downy mildew, purple blotch

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Copper sulfate pentahydrate (FRAC Group M1)			
PHYTON 27AG	49538-5	PHYTON	Bacterial soft rot, downy mildew, Botrytis gray mold
MASTERCOP FUNGICIDE / BACTERICIDE	55272-18-66222	MAKHTESHIM-AGAN	Bacterial blight, downy mildew, purple blotch
Dicloran (FRAC Group 14)			
BOTRAN 5F FUNGICIDE	10163-226	GOWAN	White rot, Botrytis leaf blight, Botrytis neck rot
Dimethomorph (FRAC Group 40)			
FORUM FUNGICIDE	241-427	BASF	Downy mildew
Famoxadone (FRAC Group 11)			
DU PONT TANOS FUNGICIDE (with cymoxanil FRAC 27)	352-604	DUPONT	Downy mildew, purple blotch, Erwinia soft rot (suppression), Xanthomonas blight (suppression)
Fenamidone (FRAC Group 11)			
REASON 500 SC FUNGICIDE	264-695	BAYER	Downy mildew, purple blotch
Fludioxonil (FRAC Group 12)			
MAXIM 4FS FUNGICIDE (seed treatment only)	100-758	SYNGENTA	Seed- and soil-borne fungi causing decay, damping-off, seedling blight
Fluopicolide (FRAC Group 43)			
PRESIDIO FUNGICIDE	59639-140	VALENT	Botrytis (supplemental label), downy mildew
Hydrogen peroxide			
OXIDATE	70299-2	BIOSAFE SYSTEMS	Botrytis, downy mildew, powdery mildew
Mancozeb (FRAC Group M3)			
DITHANE M-45 AGRICULTURAL FUNGICIDE (furrow drench)	62719-387	DOW	Seedling blight, seed rot, damping-off, smut
DITHANE F-45 RAINSHIELD FUNGICIDE (furrow drench)	62719-396	DOW	Seedling blight, seed rot, damping-off, smut
DITHANE DF RAINSHIELD FUNGICIDE (furrow drench)	62719-402	DOW	Seedling blight, seed rot, damping-off, smut
MANCO-PHITE DF (with phosphorous acid) (furrow drench)	83472-4	PLANT PROTECTANTS	Seedling blight, seed rot, damping-off, smut
Maneb (FRAC Group M3)			
DUPONT MANEX FUNGICIDE (foliar and furrow drench)	352-655	DUPONT	Botrytis leaf blight, downy mildew, neck rot, purple blotch, smut
Metalaxyl (FRAC Group 4)			
METASTAR 2E AG	71532-5-66330	ARYSTA	Pythium damping-off
METASTAR 2E METALAXYL FUNGICIDE	71532-5-73006	LG	Pythium damping-off

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Metalaxyl (FRAC Group 4) (continued)			
ALLEGIANCE FL SEED TREATMENT FUNGICIDE	264-935	BAYER	Pythium damping-off
APRON XL LS FUNGICIDE (1) (seed treatment)	100-799	SYNGENTA	Pythium damping-off
APRON XL (seed treatment)	100-799	SYNGENTA	Pythium damping-off
AXLE 2E FUNGICIDE	100-1145	SYNGENTA	Pythium damping-off
TWIST FUNGICIDE	100-1145	SYNGENTA	Pythium damping-off
RIDOMIL GOLD EC (Disc.)	100-801	SYNGENTA	Pythium damping-off
RIDOMIL GOLD SL	100-1202	SYNGENTA	Pythium damping-off
Potassium salts of phosphorous acid (FRAC Group 33)			
ALUDE SYSTEMIC FUNGICIDE	71962-1-1001	CLEARY	Downy mildew
RAMPART	34704-924	LOVELAND	Downy mildew, Oomycete diseases, Fusarium, Rhizoctonia
FOSPHITE FUNGICIDE	68573-2	JH BIOTECH	Downy mildew, Oomycete diseases, Fusarium, Rhizoctonia
FUNGI-PHITE	83472-1	PLANT PROTECT.	Downy mildew, Phytophthora, Pythium, bacteria (suppress.)
PHORCEPHITE FUNGICIDE (with potassium phosphate)	34704-1039	LOVELAND	Downy mildew, Phytophthora, Pythium, bacteria (suppress.)
Propiconazole (FRAC Group 3)			
AMTIDE PROPICONAZOLE 41.8% EC FUNGICIDE	83851-10	AMTIDE	Purple blotch, Botrytis leaf blight (suppression)
PROPIMAX EC	62719-346	DOW	Purple blotch, Botrytis leaf blight (suppression)
FITNESS FUNGICIDE	34704-1031	LOVELAND	Purple blotch, Botrytis leaf blight (suppression)
QUILT FUNGICIDE (with azoxystrobin)	100-1178	SYNGENTA	Cladosporium leaf blotch, purple blotch, rust, Botrytis leaf blight (suppression)
QUILT XCEL FUNGICIDE (with azoxystrobin)	100-1324	SYNGENTA	Cladosporium leaf blotch, purple blotch, rust, Botrytis leaf blight, downy mildew, white rot
TILT FUNGICIDE	100-617	SYNGENTA	Purple blotch, Botrytis leaf blight (suppression)
Pyraclostrobin (FRAC Group 11)			
CABRIO EG FUNGICIDE	7969-187	BASF	Powdery mildew, purple blotch, Stemphylium leaf blight, rust, downy mildew, Botrytis leaf blight (suppression)
PRISTINE FUNGICIDE (with boscalid)	7969-199	BASF	Botrytis leaf blight and neck rot, purple blotch, Stemphylium leaf blight and stalk rot, downy mildew (suppression)
Pyrimethanil (FRAC Group 9)			
SCALA BRAND SC FUNGICIDE (supplemental label)	264-788	BAYER	Botrytis leaf blight and neck rot, purple blotch

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Reynoutria sachalinensis (FRAC Group P)			
REGALIA BIOPROTECTANT CONCENTRATE	84059-3	MARRONE BIO INNOV.	Powdery mildew, purple blotch, downy mildew, Botrytis leaf blight and neck rot, rust, Stemphylium leaf blight, soil borne diseases
Streptomyces lydicus WYEC 108			
ACTINOVATE AG	73314-1	NATURAL INDUST.	Root rot, damping-off, foliar disease suppression
Sulfur			
DREXEL SULFUR 90W	19713-238	DREXEL	Powdery mildew
UNICORN DF FUNGICIDE (with tebuconazole)	70905-2	SULPHUR MILLS	White rot (suppression), rust, purple blotch
Tebuconazole (FRAC Group 3)			
FOLICUR 3.6 F FOLIAR FUNGICIDE	264-752	BAYER	Rust, purple blotch, white rot (suppression)
TOLEDO 3.6F AGRICULTURAL FUNGICIDE	83100-1-83979	ROTAM	Rust, purple blotch, white rot (suppression)
TEBUZOL 3.6 FUNGICIDE (supplemental label)	70506-114	UNITED PHOSPHORUS	Rust, purple blotch, white rot (suppression)
TEBUCONAZOLE 3.6 F FOLIAR FUNGICIDE	66222-117	MAKHTESHIM-AGAN	White rot, rust, purple blotch, rust
Thiophanate-methyl (FRAC Group 1)			
T-METHYL E-AG 4.5 F FUNGICIDE	79676-52	ETIGRA	White rot
INCOGNITO 85 WDG (in-furrow)	66222-145	MAKHTESHIM-AGAN	White rot
T-METHYL 4.5 F FUNGICIDE (in-furrow)	228-652	NUFARM AMERICAS	White rot
TOPSIN M 70WP	73545-11-70506	UNITED PHOSPHORUS	White rot
TOPSIN 4.5 FL (in furrow)	73545-13-70506	UNITED PHOSPHORUS	White rot
TOPSIN M WSB (in furrow)	73545-16-70506	UNITED PHOSPHORUS	White rot
Trichoderma harzianum Rifai (variety) ; KRL-AG2 (strain)			
ROOTSHIELD WP BIOLOGICAL FUNGICIDE	68539-7	BIOWORKS	Soil-borne plant pathogens, root diseases
T-22 HC BIOLOGICAL FUNGICIDE	68539-4	BIOWORKS	Soil-borne plant pathogens, root diseases

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Herbicides			
Carfentrazone-ethyl (WSSA Group 14)			
AIM EC HERBICIDE	279-3241	FMC	Various broadleaf weeds
Clethodim (WSSA Group 1)			
CLETHODIM 2E	42750-72	ALBAUGH	Various grass weeds
SHADOW HERBICIDE	66330-353	ARYSTA	Various grass weeds
TAPOUT	5905-578	HELENA	Various grass weeds
INTENSITY POST-EMERGENCE GRASS HERBICIDE	34704-864	LOVELAND	Various grass weeds
ARROW 2EC HERBICIDE	66222-60	MAKHTESHIM-AGAN	Various grass weeds
CLETHODIM 2E	85678-23	REDEAGLE	Various grass weeds
CLEO 26.4	9468-37	RITTER	Various grass weeds
CLETHODIM 2EC	83520-22	TACOMA	Various grass weeds
DCPA (WSSA Group 3)			
DACTHAL FLOWABLE HERBICIDE	5481-487	AMVAC	Various weeds, mostly broadleaf
DACTHAL W-75 AGRICULTURAL HERBICIDE	5481-490	AMVAC	Various weeds, mostly broadleaf
Glyphosate (WSSA Group 9)			
ROUNDUP WEATHERMAX HERBICIDE	524-537	MONSANTO	Broad spectrum herbicide
MON 866 HERBICIDE	524-544	MONSANTO	Broad spectrum herbicide
ROUNDUP POWERMAX HERBICIDE	524-549	MONSANTO	Broad spectrum herbicide
TOUCHDOWN HITECH HERBICIDE	100-1182	SYNGENTA	Broad spectrum herbicide
TOUCHDOWN TOTAL HERBICIDE	100-1169	SYNGENTA	Broad spectrum herbicide
GLYPHO 41 HERBICIDE	70506-226	UNITED PHOSPHORUS	Broad spectrum herbicide
DURAMAX	62719-556	DOW AGROSCI.	Broad spectrum herbicide
DURANGO DMA	62719-556	DOW AGROSCI.	Broad spectrum herbicide
GLY STAR ORIGINAL	42750-60	ALBAUGH	Broad spectrum herbicide
GLY STAR PLUS	42750-61	ALBAUGH	Broad spectrum herbicide
ALLIGARE GLYPHOSATE 4 PLUS	81927-9	ALLIGARE	Broad spectrum herbicide
GLYFOS X-TRA HERBICIDE	4787-23	CHEMINOVA	Broad spectrum herbicide
GLYFOS HERBICIDE	4787-31	CHEMINOVA	Broad spectrum herbicide

Pesticides Registered for Use in Green Onion in Hawai'i **

Active Ingredient Product Name	EPA Reg. No.	Registrant	Pest(s) (as listed for the specified crop)
Glyphosate (WSSA Group 9) (continued)			
ROUNDUP ORIGINAL HERBICIDE	524-445	MONSANTO	Broad spectrum herbicide
HONCHO HERBICIDE	524-445	MONSANTO	Broad spectrum herbicide
HONCHO PLUS HERBICIDE	524-454	MONSANTO	Broad spectrum herbicide
ERASER A/P HERBICIDE	53883-266	CONTROL SOLUTIONS	Broad spectrum herbicide
HELOSATE PLUS	74530-4	HELM	Broad spectrum herbicide
MIRAGE PLUS	34704-883	LOVELAND	Broad spectrum herbicide
MAD DOG	34704-889	LOVELAND	Broad spectrum herbicide
MAD DOG PLUS	34704-890	LOVELAND	Broad spectrum herbicide
FOUR POWER PLUS	34704-890	LOVELAND	Broad spectrum herbicide
MAKAZE	34704-890	LOVELAND	Broad spectrum herbicide
ROUNDUP ULTRAMAX HERBICIDE	524-512	MONSANTO	Broad spectrum herbicide
CREDIT 41 EXTRA NON-SELECTIVE HERBICIDE	71368-20	NUFARM	Broad spectrum herbicide
CREDIT 41 NON-SELECTIVE HERBICIDE	71368-20	NUFARM	Broad spectrum herbicide
GORDON'S PRONTO BIG N' TUF 41% GLYPHOSATE WEED & GRASS KILLER	42750-61-2217	PBI/GORDON	Broad spectrum herbicide
HI-YIELD SUPER CONCENTRATE KILL-ZALL II HERBICIDE	19713-526-7401	VOLUNTARY	Broad spectrum herbicide
HI-YIELD SUPER CONCENTRATE KILLZALL	7401-462	VOLUNTARY	Broad spectrum herbicide
BUCCANEER GLYPHOSATE HERBICIDE	55467-10	TENKOZ	Broad spectrum herbicide
BUCCANEER PLUS GLYPHOSATE HERBICIDE	55467-9	TENKOZ	Broad spectrum herbicide
GLYPHOMAX XRT	62719-517	DOW AGROSCI.	Broad spectrum herbicide
GLYPHOGAN HERBICIDE	66222-105	MAKHTESHIM-AGAN	Broad spectrum herbicide
CREDIT XTREME HERBICIDE	71368-81	NUFARM	Broad spectrum herbicide
GLYPHOSATE PLUS	83520-7	TACOMA AG	Broad spectrum herbicide
CONSUS GLYPHOSATE 41% PLUS	86828-1	CONSUS CHEMICALS	Broad spectrum herbicide
RAZOR PRO HERBICIDE	228-366	NUFARM AMERICAS	Broad spectrum herbicide
Nonanoic acid			
SCYTHE HERBICIDE	10163-325	GOWAN	Broad spectrum herbicide

Pesticides Registered for Use in Green Onion in Hawai'i **

Active Ingredient Product Name	EPA Reg. No.	Registrant	Pest(s) (as listed for the specified crop)
Oxyfluorfen (WSSA Group 14)			
GOAL 2XL HERBICIDE	62719-424	DOW	Selected broadleaves and grasses
GOALTENDER HERBICIDE	62719-447	DOW	Selected broadleaves and grasses
OXEN HERBICIDE	34704-877	LOVELAND	Selected broadleaves and grasses
Paraquat (WSSA Group 22)			
FIRESTORM*	82557-1-400	CHEMTURA	Broad spectrum herbicide
GRAMOXONE SL*	100-1217	SYNGENTA	Broad spectrum herbicide
GRAMOXONE INTEON*	100-1217	SYNGENTA	Broad spectrum herbicide
GRAMOXONE SL 2.0*	100-1431	SYNGENTA	Broad spectrum herbicide
Pyraflufen-ethyl (WSSA Group 14)			
ET HERBICIDE/DEFOLIANT	71711-7	NICHINO	Selected broadleaves
Sethoxydim (WSSA Group 1)			
POAST HERBICIDE	7969-58	BASF	Selected grasses
Molluscicides			
Metaldehyde			
DEADLINE BULLETS	5481-507	AMVAC	Slug, snail
DEADLINE M-PS MINI PELLETS	5481-511	AMVAC	Slug, snail
ORCAL SLUG-FEST ALL WEATHER FORMULA	71096-4	OR-CAL	Slug, snail
Phosphoric acid, iron(3+) salt (Iron phosphate)			
BUG-N-SLUGGO (with spinosad)	67702-24-70051	CERTIS	Earwig, cutworm, sowbug, pillbug, slug, snail
Sodium Ferric EDTA			
FERROXX SLUG AND SNAIL BAIT	67702-33	W. NEUDORFF	Slug, snail
Nematicides			
Paecilomyces lilacinus strain 251			
MELOCON WG BIOLOGICAL NEMATICIDE	72444-2	PROPHYTA	Plant parasitic nematode suppression
Quillaja saponins			
NEMA-Q	82572-1-17545	MONTEREY	Plant parasitic nematode control or suppression

Pesticides Registered for Use in Green Onion in Hawai'i **

Active Ingredient Product Name	EPA Reg. No.	Registrant	Pest(s) (as listed for the specified crop)
Plant Growth Regulators			
Cytokinin			
SOIL TRIGRRR PLANT GROWTH REGULATOR	51517-3	WESTBRIDGE AG	Seedling vigor, crop quality, uniformity, and growth
FOLIAR TRIGRRR PLANT GROWTH REGULATORS	51517-4	WESTBRIDGE AG	Stimulate leaf initiation and growth, regulate flowering, crop quality
Cytokinin (continued)			
STIMPLEX	67016-1	ACADIAN SEAPLANTS	Crop biostimulant
Gibberellic acid			
GREEN-SOL 48 (with kinetin)	64872-2	GREEN SOL	Improved vigor
STIMULATE YIELD ENHANCER (with cytokinin and indole-3-butyric acid)	57538-13	STOLLER	Enhanced plant growth and development
Fumigants			
Metam sodium			
VAPAM HL SOIL FUMIGANT * (pre-plant)	5481-468	AMVAC	Soil-borne pests
SECTAGON 42 FUMIGANT SOLUTION FOR ALL CROPS * (pre-plant)	61842-6	TESSENDERLO KERLEY, INC.	Soil-borne pests
Metam potassium			
SECTAGON K54 * (pre-plant)	61842-6	TESSENDERLO KERLEY, INC.	Soil-borne pests
1,3-Dichloropropene			
TELONE C-17 * (with chloropicrin) (pre-plant)	62719-12	DOW AGROSCIENCES	Nematodes, Symphylans, Wireworms, Pink root, Soil-borne diseases
TELONE C-35 * (with chloropicrin) (pre-plant)	62719-302	DOW AGROSCIENCES	Nematodes, Symphylans, Wireworms, Pink root, Soil-borne diseases

**Attention. . .

Information in this report does not constitute a label replacement or a recommendation. Before applying any pesticide, applicators must determine if the product under consideration is correct for the intended use site. Always read the container/package label to determine if the intended use site is included on the label.

READ AND FOLLOW LABEL INSTRUCTIONS BEFORE PURCHASING AND USING ANY PESTICIDE PRODUCT.

Label images provided by the [National Pesticide Information Retrieval System \(NPIRS\) State Public](#) web site at Purdue University and the [Hawai'i Department of Agriculture Pesticides Branch](#).