STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by pesticide storage or disposal.

PESTICIDE STORAGE: Do not store this product above 104ºF or below 20ºF for extended periods of time. Keep containers tightly closed and in original containers when not in use. Do not store exposed to ultraviolet light (sunlight) or moisture. Neem oil clouds and solidifies at temperatures below 59ºF. If oil has solidified, gently thaw by exposing to temperatures over 80ºF. Store in such a manner to prevent cross contamination with other pesticides, fertilizers, food and feed. Store in original container and out of the reach of children, preferably in a locked storage area. Keep container closed when not in use.

PESTICIDAL DISPOSAL: To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

CONTAINER DISPOSAL: Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available.

5-Gallon or Smaller Containers: Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinse into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

IMPORTANT: READ BEFORE USE

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Seller. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, Seller makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Seller is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Seller disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Seller election, the replacement of product.

TerraNeem® EC

Biological Insecticide, Fungicide, Nematicide, Miticide

Anti-Feedant, Insect Repellent, Insect Growth Regulator, Fungal Growth Inhibition

For Use on Listed Crops
including vegetables, fruits, citrus, nuts, ornamental plants, and other plants

For foliar and soil control of listed insect pests, mites, fungal disease and nematodes

Active Ingredient:	
Cold Pressed Neem Oil	84.9%
Other Ingredients	15.1%
Total	100%

This product contains 6.52lbs of cold pressed neem oil per gallon.

OMRI® LISTED
For Organic Use
FOR ORGANIC PRODUCTION

Shake Well Before Use

READ ALL DIRECTIONS BEFORE USING THIS PRODUCT
See label booklet for additonal precautionary statements and directions for use.

KEEP OUT OF REACH OF CHILDREN

CAUTION

EPA Reg. No. 88760-5
EPA Est. No. 49292-WA-001

1 Gallon
Net Contents

Terramera

Manufactured for Terramera, Inc.
6920 Salashan Pkwy D-109
Ferndale, WA 98248
1-800-597-9509
agriculture@terramera.com

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions are available, wash with detergent and hot water. Keep and store PPE separately from other laundry.

IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment break-down.

ENVIRONMENTAL HAZARDS

For terrestrial uses: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment washwater or rinsate.

User Safety Recommendations

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if contaminated with pesticide. Wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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Batch:

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TerraNeem® EC

Biological Insecticide, Fungicide, Nematicide, Miticide

Anti-Feedant, Insect Repellent, Insect Growth Regulator, Fungal Growth Inhibition

For use on listed crops including vegetables, fruits, citrus, nuts, ornamental plants, and other plants

For foliar and soil treatment to control listed insect pests, mites, fungal disease, and nematodes

READ ALL DIRECTIONS BEFORE USING THIS PRODUCT.

SHAKE WELL BEFORE USE.

FOR ORGANIC PRODUCTION

OMRI LISTED® For Organic Use

KEEP OUT OF REACH OF CHILDREN

CAUTION

EPA Reg. No. 88760-5
EPA Est. No. 49292-WA-001

Manufactured For Terramera, Inc.
6920 Salashan Pkwy D-109
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Active Ingredient:

Cold Pressed Neem Oil.....	84.9%
Other Ingredients.....	15.1%
Total	100%

This product contains 6.52lbs of cold pressed neem oil per gallon.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. **READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.** Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during product application. For any requirements specific to your state or tribe, consult the state or tribal agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard (WPS). Do not enter or allow entry into treated areas during the restricted entry interval (REI) of 4 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Long-sleeved shirt and long pants
- Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

These requirements apply to uses of this product that are NOT within the scope of the WPS for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses. For other uses, including golf courses and other non-agricultural uses, do not enter treated areas without protective clothing until sprays have dried.

PRODUCT MODE OF ACTION

TerraNeem EC controls target pests by ingestion and by contact. The modes of action on insects are repellence, anti-feeding action and interference with the molting process. **TerraNeem EC** controls listed diseases by inhibiting mycelial growth.

GENERAL INFORMATION

Read all directions before using this product. To control listed pests, apply **TerraNeem EC** as directed to any food or non-food crop up to and including the day of harvest.

- ***Insecticide & Miticide Foliar Applications:*** For most pest and crop conditions, use a concentration of 0.5 - 1% **TerraNeem EC**. For heavier infestation, use a 1.5% concentration of **TerraNeem EC**. Use a maximum rate of 5 pints **TerraNeem EC**/acre.
- ***Fungicide Foliar Application:*** Use a concentration of 1.0 - 1.5% **TerraNeem EC** up to a maximum rate of 5 quarts **TerraNeem EC**/acre.
- ***Nematicide and Other Soil Applications:*** Use a Maximum rate of 6 quarts **TerraNeem EC**/acre in 1 - 2% dilution.

Refer to the Mixing and Application Instructions for mixing and rate instructions and to Use Site Section for a complete listing of crops.

MIXING INSTRUCTIONS

TerraNeem EC is an emulsifiable concentrate and requires only water for the appropriate use dilution. Additional surfactant is not rquired. Shake the container well before use. Neem oil can solidify at temperatures below 59°F. If solidified, thaw the product by setting out in temperatures over 80°F and agitating well before mixing with water. For optimal emulsion, do not use cold water (less than 45°F).

Add **TerraNeem EC** to a mixing tank half-filled with water of 45ºF or warmer and agitate. Then add additional water to final volume with continuous agitation. If water temperature is below 45ºF, achieve a good emulsion by premixing **TerraNeem EC** at 1:1 ratio with tepid water before filling to final volume. When mixing with other products such as wettable powder insecticides or fungicides, add those products first when the tank is approximately 1/3 full.

Agitate well while mixing to achieve complete emulsification. **Do not** use if a uniform, cloudy emulsion is not formed. Always use this product promptly after mixing with water. To prevent separation of the emulsion, agitate continuously during application. Non-uniform dilution can cause crop injury or result in lowered effectiveness. For tank mixtures, add components to the tank containing the **TerraNeem EC** spray mixture and agitate thoroughly. Do not let tank mixture sit for an extended period of time. If tank mixture is allowed to sit, agitate thoroughly again prior to and during application. Adjusting the spray mixture pH between 5.5 and 7.0 will provide optimal performance.

Tank Mix and Compatibility

TerraNeem EC is best applied independently but has been found to be compatible when tank mixed with liquid fertilizer such as fish emulsion and adjuvants such as cottonseed oil, sesame oil and castor oil. To determine the physical compatibility of **TerraNeem EC** with other products, test as described below before mixing.

> ***Jar Compatibility Test:*** Using a quart jar, add the proportionate amounts of products to be tank mixed to 1 quart of water in the following order. Add wettable powders and water-dispersible granular products first, then add liquid flowables, then add emulsifiable concentrates and solutions last. After thoroughly mixing by agitation, let stand for at least 5 minutes. If the combination remains mixed or can be remixed readily, it is physically compatible. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank. All possible tank mixes on all crops have not been tested. Growers must test tank mix combinations for phytotoxicity on a sample of plants prior to use. Do not use mixtures of incompatible products as it may cause phytotoxicity or result in lowered effectiveness.

Always read and follow the directions for use, precautions and limitations for use on all product labels used in combination. Applications must follow the precautions and limitations of the most restrictive product label in the mixture. Do not exceed the dosage rates of any product. Check compatibility by using the correct proportion of the products in a small test container.

DO NOT apply sulfur or sulfur containing products within 14 days of a **TerraNeem EC** application.

Phototoxicity

When used according to label instructions, **TerraNeem EC** has been evaluated for phytotoxicity on a wide range of crops and ornamentals. To avoid plant damage, test this product on a small portion of the area to be treated for phytotoxicity before treating the entire area. Apply foliar spray in conditions that favor fast drying.

All possible mixtures of pesticide sprays, other fertilizers, surfactants, and adjuvants, have not been tested. Therefore, user must test spray mixtures to ensure no phytotoxicity before applying to wide areas.

Application Equipment:

Apply **TerraNeem EC** using any powered or manual pesticide application equipment including high volume, low volume, ultra-low volume, electrostatic, air blast and fogging equipment. When used as a foliar application, ensure complete coverage of the plant surfaces, but avoid pooling or run off. Follow the original equipment manufacturer's instructions. Avoid spraying under conditions of high humidity and high temperature (>90ºF).

Thoroughly clean spray equipment used to apply **TerraNeem EC** before use. Tank mixed combinations of **TerraNeem EC** may not be compatible with oil-based formulations. To determine compatibility, conduct Jar Compatibility Test.

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Dilution Table for Low Volume Applications (10 to 30 gallons per acre)		
Gallons of Water	**TerraNeem EC**	**Dilution**
10	24 fl. oz.	1.88%
15	1 quart	1.66%
20	1 quart	1.25%
25	1 quart	1.0%
30	1 quart	0.83%

Dilution Table for High Volume Applications (25 to 200 gallons per acre)				
Gals. of Water	**Gallons of TerraNeem EC for 0.5% Solution**	**Gallons of TerraNeem EC for 1.0% Solution**	**Gallons of TerraNeem EC for 1.5% Solution**	**Gallons of TerraNeem EC for 2.0% Solution**
25	0.125 (16 fl.oz.)	0.25 (32 fl.oz.)	0.375 (48 fl.oz.)	0.5 (64 fl.oz.)
50	0.25 (32 fl.oz.)	0.5 (64 fl.oz.)	0.75 (96 fl.oz.)	1.0
75	0.375 (48 fl.oz.)	0.75 (96 fl.oz.)	1.125	1.5
100	0.5 (64 fl.oz.)	1.0	1.5	2.0
125	0.625 (80 fl.oz.)	1.25	1.875	2.5
150	0.75 (96 fl.oz.)	1.5	2.25	3.0
175	0.875 (112 fl.oz.)	1.75	2.625	3.5
200	1.0	2.0	3.0	4.0

APPLICATION INSTRUCTIONS

Apply **TerraNeem EC** as a foliar spray or as soil treatment (soil drench, in-furrow, drip-applied) to control listed insect pests, nematodes and diseases.

Apply as a soil treatment to control listed soil-borne pests and larvae of pests (see Chemigation Instructions).

Insecticide/Miticide Foliar Use

Apply **TerraNeem EC** in sufficient amounts of water and adequate spray pressure to achieve thorough coverage of plant surfaces. **TerraNeem EC** is most effective when applied before or around the onset of insects, mites or their eggs (see Pest List) or as soon as they are noticed. Apply at a concentration of 0.5 - 1.5% for a maximum rate of 5 pints **TerraNeem EC** per acre. Ensure that both the top and bottom of leaves are wetted. For optimum results, repeat the applications at intervals of 7-10 days. Use higher rates and increase spray frequency when pest pressure is high. Spray early in the morning or in the evening for best results. Repeat application if it rains within four hours of spraying.

Nematicide and Other Soil Use

Apply as a preventative treatment (see Pest List for Soil Pests) or control treatment after nematodes and other listed pests have been detected. When used as a soil application (soil drench, in-furrow, drip-applied), apply at 1.0 - 2.0% for a maximum rate of 6 quarts **TerraNeem EC** per acre to deliver complete and thorough coverage. When applied as a soil drench, avoid excessive run off. Repeat the applications as necessary.

Root-dip Nematicide Use on Strawberries

For bare-root dip applications on strawberries use a concentration of 2% (e.g. 2 gallons of **TerraNeem EC** in 100 gallons of water). If bare-root nursery plants are in cold storage, allow them to thaw to ambient temperature – approximately 20°C (70°F). Submerge the entire plant to be treated in **TerraNeem EC** emulsion. Leave the plant completely submerged in for 15-30 minutes. Remove the plants from the treatment solution, shake off excess liquid, and drain for 5-15 min. Plant after treatment, or package the plants in suitable containers and cold store between -2°C and 5 °C (28-48 °F) during shipping and until planting.

Fungicide Foliar Use

Apply **TerraNeem EC** in sufficient amount of water and with adequate spray pressure to achieve thorough coverage of plant surfaces. **TerraNeem EC** is most effective when applied before the onset of disease development. Apply a maximum rate of 5 quarts **TerraNeem EC** per acre at a concentration of 1.0 - 1.5%. Do not apply with any sulfur or sulfur containing products within 14 days of a **TerraNeem EC** application.

Crop	Disease	Concentration	Rate TerraNeem EC/acre	Spray Interval
All crops except Grapes	See Pests List, Disease: Fungal Foliar	1.0 - 1.5%	5 quarts	10-14 days
Grapes	Powdery Mildew, Stem Mildew, Sour Rot	1.0 - 1.5%	5 quarts	10-14 days from pre-bloom through veraison
	Botrytis			Spray at bloom, pre-bunch closure, veraison and 14 days after veraison

CHEMIGATION INSTRUCTIONS

General Chemigation Requirements

Apply this product only through in-furrow or drip (trickle) irrigation & system(s). Do not apply this product through any other type of irrigation system. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place. A person knowledgeable of the chemigation system and responsible for its operation or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

Furrow Chemigation Requirements

Systems using a gravity flow pesticide dispensing system must meter the pesticide into the water at the head of the field and downstream of a hydraulic discontinuity such as a drop structure or weir box to decrease potential for water source contamination from back flow if water flow stops. Systems utilizing a pressurized water and pesticide injection system must meet the following requirements:

- The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from back flow.
- The pesticide injection pipeline must contain a functional, automatic, quick- closing check valve to prevent the flow of fluid back toward the injection pump.
- The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

A supply tank is recommended for this product. If using a supply tank, dilute this product at the rate of 6 quarts per 100~200 gallons of water. Frequent agitation is necessary. Apply in the second half of the water application to deliver **TerraNeem EC** to the soil pests.

Drip Chemigation Requirements

The system must contain a functional check valve, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from back flow. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down. The system must contain functional inter-locking controls to automatically shut off the pesticide injection pump when the water pump motor stops. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected. Systems must use a metering pump such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

A supply tank is recommended for this product. If using a supply tank, dilute this product at the rate of 6 quarts per 100~200 gallons of water. Frequent agitation is necessary. Apply in the second half of the water application to deliver **TerraNeem EC** to the soil pests.

USE SITES

Crop Uses – Use **TerraNeem EC** on the following crops adn crop groupings:

VEGETABLES

Bulb Vegetable Crops (including but not limited to)

Garlic	Onion
Leek	Shallots

Cucurbit Crops (including but not limited to)

Casaba	Muskmelon (incl. hybrids,	Squash, summer
Chayote (fruit)	canteloupe, crenshaw melon,	(crookneck squash, scallop
Chinese waxgourd	golden pershaw melon,	squash, straightneck squash,
Cucumber	honeydew melon, honey balls,	vegetble marrow, zucchini)
Gherkin	mango melon, Persian melon,	Squash, winter
Gourd, edible (Chinese okra)	pineapple melon)	(butternut squash, calabaza,
Momordica spp (balsam	Pumpkin	hubbard squash, acorn squash,
apple, balsam pear, bitter pear,	Watermelon (incl. hybrids)	spaghetti squash)
bitter melon)		

Fruiting Vegetable Crops (including but not limited to)

Eggplant	Pepino
Groundcherry	Tomatillo
Pepper (bell pepper, chili pepper, cooking pepper,	Tomato
pimento, sweet pepper)	

Leafy & Brassica (Cole) Vegetable Crops (including but not limited to)

Arugula	Celery	Kohlrabi
Broccoli	Celtuce	Lettuce (head, leaf)
Broccoli raab	Chervil	Mustard spinach
Brussel sprouts	Chrysanthemum	Mustard greens
Chinese broccoli (Gai lon)	Cilantro	Parsley
Cabbage (head, leaf)	Collards	Purslane
Cassava (bitter, sweet)	Corn salad	Radicchio (red chicory)
Celery	Cress	Rape greends
Chinese cabbage	Dandelion	Rhubarb
(Bok choy, napa)	Endive	Spinach
Chinese spinach	Fennel	Swiss chard
(Amaranth, Tampala)	Greens	Turnip top
Cauliflower	Kale	Watercress

Legume Crops(including but not limited to)

Bean (sweet lupin, white lupin)	Bean (adzuki bean, asparagus	Lablab bean
Bean (field bean, kidney bean,	bean, blackeyed pea, Chinese	Lentil
lima bean, navy bean, pinto	long-bean, cowpea, mung bean,	Pea (dwarf pea, edible pea pod,
bean, runner bean, snap bean,	southern pea)	English pea, green pea, snow
tepary bean, wax bean)	Chickpea (garbonzo bean)	pea, sugar snap pea)
Broad bean	Guar	Pigeon pea
	Jackbean	Soybean
		Sword bean

Root and Tuber Vegetable Crops (including but not limited to)

Artichokes	Dasheen (taro)	Radish
Beet (garden, sugar)	Ginger	Radish, oriental (daikon)
Cardone	Ginseng	Rutabaga
Carrot	Horseradish	Salsify
Cassava (bitter, sweet)	Parsnip	Tumeric
Celeriac (celery root)	Potato	Turnip
Chicory	Sweet potato	Yam
		Yam bean

Small Fruit and Berry Crops (including but not limited to)

Blackerry (incl. hybrids)	Cranberry	Huckleberry
(bingleberry, boysenberry,	Currant	Loganberry
dewberry, darrowberry,	Elderberry	Raspberry (black, red)
youngberry)	Goosberry	Strawberry
Blueberry	Grape	

CITRUS AND TROPICAL FRUIT CROPS (including but not limited to)

Avocado	Guava	Olive
Banana	Jujube	Orange, sour
Calamondin	Kiwifruit	Orange, sweet
Cherimoya	Kumquat	Papaya
Citrus citron	Lemon	Passion fruit
Citrus hybrids (chironja, tangelo,	Lime	Pineapple
tangor)	Loquats	Plantain
Coconut	Lychee	Pomegranate
Date	Mango	Pummelo
Feijoa	Mandarin	Quince
Fig	Satsuma mandarin	Tangerine
Grapefruit		

POME AND STONE FRUIT CROPS (including but not limited to)

Apple	Mayhaw	Plum, chickasaw
Apricot	Nectarine	Plum, Damson
Cherry, sweet	Peach	Plum, Japanese
Cherry, tart	Pear	Plumcot
Crabapple	Pear, oriental	Prune
Loquat	Plum	Quince

Tree Nut Crops (including but not limited to)

Almond	Cashew nut	Macadamia nut
Beech nut	Filbert	Pecan
Brazil nut	Chestnut	Pistachio
Butternut	Hickory nut	

HERBS AND SPICE CROPS (including but not limited to)

Allspice	Cilantro (leaf, seed)	Parsley
Anise	Cumin	Pennroyal
Balm	Curry leaf	Pepper (black, white)
Basil	Dandelion	Peppermint
Borage	Dill	Poppy
Chamomile	Fennel	Rosemary
Caraway	Lavender	Rue
Cardamom	Lemongrass	Saffron
Catnip	Lovage (leaf, seed)	Sage
Celery	Marigold	Savory (summer, winter)
Chervil (dried)	Marjoram	Spearmint
Chives	Mint	Sweet bay
Cinnamon	Mustard (seed)	Tarragon
Clove buds	Nasturtium	Thyme
Coriander	Mutmeg	Wintergreen

CEREAL GRAIN CROPS (including but not limited to)

Barley	Oats	Teosinte
Buckwheat	Popcorn	Triticale
Corn	Rice	Wheat
Millet, pearl	Rye	Wild rice
Millet, proso	Sorghum (milo)	

FORAGE CROPS (including but not limited to)

Alfalfa	Lupin	Vetch
Bean, velvet	Sainfoin	Vetch, crown
Clover	Trefoil	Vetch, milk
Lespedeza		

MISCELLANEOUS CROPS (including but not limited to)

Acerola	Kinep	Seagrape
Canola	Mushroom	Sesame
Coffee	Nispero	Sourup (Quanabanas)
Cotton	Okra	Star apple
Hops	Peanut	Sugarcane
Jicama	Quenepa	Sunflower
Jojoba	Safflower	Tobacco

OTHER PLANTS (including but not limited to)

Ornamentals
Cuphea, Daylilly (bulb), Fritillaria (bulb), Hosta elegans, Lily (bulb), Meadowfoam, Milkweed
Fencerows
Nurseries
Turf
Golfcourses, Parks, Other Grass Areas

PESTS: INSECTS, MITES, NEMATODES, THRIPS, and DISEASES

Use to control the following pests:

Insects (Foliar)	
Aphids	Cotton Aphid, Cowpea Aphid, Mustard Aphid, Okra Aphid, Pea Aphid, Green Peach Aphid, Potato Aphid, Rice Aphid
Beetles	Been Leaf Beetle, Brinjal (Egg Plant) Spotted Leaf Beetle, Chick Pea Beetle, Cow Pea Beetle, Colorado Potato Beetle, Corn Beetle, Cowpea Beetle, Cucumber Beetle, Flea Beetle, Japanese Beetle, Mexican Bean Beetle, Potato Flea Beetle, Radish Flea Beetle, Red Pumpkin Beetle, Spotted Cucumber Beetle, Spotted Leaf Beetle, Soybean Japanese Beetle
Caterpillars, Moths	Armyworm, Alfalfa Worm, Beet Armyworm, Borers, Black Headed Caterpillar, Budworm, Cabbage Caterpillar, Cabbage Looper, Cotton Bollworm, Corn Earworm, Corn Rootworm, Cutworm, Fruitworm, Hornworm Leafroller, Leaf Perforator, Ear Cutting Caterpillar, Pickle Worm, Tobacco budworm, Tobacco Caterpillar, Webworm, Yellow Hairy Caterpillar, Diamondback Moth, Grape Berry Moth, Gypsy Moth
Flies, Gnats, Midges	Fruit Fly, Gnat, Fungus Gnat, Brassica Pod Midge
Grasshoppers, Leafhoppers	Brown Plant Hopper, Carolina Grasshopper, Leafhopper, Potato Leafhopper, Rice Brown Plant Hopper, Rice Grasshopper, Rice Green Leafhopper, Grape Leafhopper, Sharpshooter
Leafminers	Leafminers of Ornamental Plants, Citrus Leafminer, Tomato Leafminer, Vegetable Leafminer
Mealy Bugs, Scales	Citrus Mealy Bug, Mealy Bugs of Ornamental Plants and Grapes California Red Scale, Coffee Green Scale, San Jose Scale, Soft Scale, Yellow Scale
Plant Bugs, Lygus	Phylloxera, Spittle Bug, Stink Bug, Tomato Stink Bug
Psyllids	Asian Citrus Psyllid, Pear Psyllid, Potato Psyllid
Weevils	Black Vine Weevil, Boll Weevil, Pepper Weevil
Whiteflies	Cabbage Whitefly, Cotton Whitefly, Sugarcane Whitefly, Banded Wing Whitefly, Citrus Whitefly, Silverleaf Whitefly, Greenhouse Whitefly
Insect (Soil)	
Grubs, Witeworms, Maggots	Field Wireworm, Wheat Wireworm, Lygus Bug Maggots, Onion Maggot
Thrips	
Thrips	Avocado Thrip, Flower Thrip, Onion Thrip, Peanut Thrips, Grape Thrips, Tobacco Thrip, Western Flower Thrip
Mites	
Mites	Spider Mites, Two-Spotted Mites, Pacific Spider Mites
Nematodes (Soil)	
Nematodes	Dragger Nematode, Golden Nematode, Lance Nematode, Lesion Nematode, Reniform Nematode, Root Knot Nematodes, Sting Nematodes, Soybean Cyst Nematodes
Diseases	
Fungal; Foliar	Alternaria, Anthracnose, Blight (early, late, leaf), Botrytis, Mildew (Powdery, Downey), Stem Mildew, Molds, Rusts, Scab, Southern Blight (Sclerotium rolfsii), Sour Rot on Grapes
Fungal; Soil	Fusarium Oxyporum, Pythium, Rhizoctonia Solani