



2D Pest Web

PYRETHRINS	GROUP	3A	INSECTICIDE
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2D Pest Web is a multi-purpose insecticide formulated with innovative physical mode of action to treat insect infested and hard to reach corners.

For indoor/outdoor use in, on and around:

- Growing crops
- Food processing, production and storage sites
- Greenhouses
- Ornamental plants and turf grass
- Agricultural and commercial buildings and premises
- Use up to the day before harvest

ACTIVE INGREDIENTS

Pyrethrins.....	1.00%
OTHER INGREDIENTS.....	99.00%
TOTAL:	100.00%

This product contains 0.0845 lbs. Pyrethrins per Gallon of 2D Pest Web.

STOP – READ THE LABEL BEFORE USE

**KEEP OUT OF REACH OF CHILDREN
WARNING / AVISO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See back panel for additional precautionary statements.

FIRST AID	
If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378, 6:30 AM to 4:30 PM Pacific Time (PT), seven days a week. During other times, call the poison control center at 1-800-222-1222.</p>	

NET CONTENTS: 1 Quart (946.4 ml)

Distributed by:
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FPO

EPA EST# 88746-GA-1

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

Do not apply within 25 feet of aquatic habitats (such as, but not limited to, lakes, reservoirs, rivers, streams, marshes, ponds, estuaries, and commercial fish ponds).

This product is toxic to aquatic organisms, including fish and invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. This product may contaminate water through runoff. This product has a potential for runoff for several weeks after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean highwater mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Care must be taken to avoid runoff. Do not contaminate water when disposing of equipment wash-waters or rinsate.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Materials that are chemical-resistant to this product are listed below.

Applicators and other handlers who may be exposed to the dilute and/or concentrate through application or other tasks must wear:

- Long-sleeve shirt and long pants;
- Chemical-resistant gloves made of Barrier Laminate, Nitrile Rubber \geq 14 mils, Neoprene Rubber \geq 14 mils, or Viton \geq 14 mils;
- Shoes plus socks; and
- Protective eyewear (goggles, face shield, or safety glasses).

USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

USER SAFETY RECOMMENDATIONS

Users should: Remove clothing immediately if pesticide gets inside. Then 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.

Pests Controlled by 2D Pest Web

KILLS INSECTS SUCH AS:

Annual Bluegrass Weevil	Earwigs	Greenhouse Thrips	Mites – Spider and Russet
Ants*	Eastern Tent Caterpillar	Gypsy Moth (adults & larvae)	Psyllids
Aphids	Elm Leaf Beetle	Harlequin Bug	Scale insects
Amyworms	European Pine Tip Moth	Heliothis spp. (Ag. pests)	Scaly leg mite
Bagworm	Fall Webworm	Japanese Beetle	Spiders*
Blister Beetles	Firebrats	Katydid	Spotted Lantern Fly
Brown Marmorated Stink Bug	Fireworms	Lace Bugs	Tarnished Plant Bug
Cankerworms	Flea Beetles	Leafhopper	Thrips
Caterpillars	Forest Tent Caterpillar	Leafrollers	Vinegar Flies
Codling Moth	Fungus Gnats	Leaf tiers	Webworms
Crickets	Fruit Flies	Loopers	Whiteflies
Crane Flies	Grasshoppers	Lygus Mealy Bugs	

*Does not include public health pests such as fire, harvester, carpenter or pharaoh ants, and black widow, brown recluse or hobo spiders.

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 label precautionary statements and directions.

For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

IMPORTANT: Read entire DIRECTIONS FOR USE before using 2D Pest Web.

NONAGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard 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. Do not enter or allow people (or pets) to enter the treated areas until sprays have dried.

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.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

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

- Coveralls over long-sleeve shirt;
- Chemical-resistant gloves made of Barrier Laminate, Nitrile Rubber \geq 14 mils, Neoprene Rubber \geq 14 mils, or Viton \geq 14 mils;
- Shoes plus socks; and
- Protective eyewear (goggles, face shield, or safety glasses).

USE RESTRICTIONS AND PRECAUTIONS

- Do not make applications during the rain.
- Do not wet plants to the point of run-off or drip.
- Do not remain in the treated area. Exit area immediately and remain outside the treated area until aerosols, vapors and/or mists have dispersed.
- Not for use in outdoor residential misting systems (whether indoor or outdoor).
- Not for use in outdoor metered release devices.
- Do not reapply within 3 days, except during extreme pest pressure.
- In case of extreme pest pressure, do reapply within 24 hours.
- Do not harvest until spray has dried.
- Do not apply more than 10 times per season.
- Do not release spray at a height greater than 4 feet above the ground or crop canopy.
- Do not contaminate food or feedstuffs.
- Do not apply directly into sewers or drains, or to any area like a gutter where drainage to storm sewers, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.
- 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 application.
- Keep unprotected persons out of treated areas until sprays have dried.
- *When used in indoor food handling/ processing facilities:*
Cover or remove exposed food; cover food processing surfaces or clean after treatment with a suitable detergent, rinse with potable water before use. Do not apply more than 1 time per

day.

Remove or cover dishes, utensils, food processing equipment and food preparation surfaces, or wash them before use.

Remove or cover exposed food and drinking water before application.

- *When used in food processing and food storage sites:*
Do not apply directly to food.

Do not apply while food processing is underway.

Foods should be removed or covered during treatment.

All food processing surfaces and equipment should be covered or washed with an effective cleaning compound followed by a potable water rinse.

- All outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors, and eaves) are limited to spot and crack and crevice applications only.

ENTRY RESTRICTIONS: For Surface Spray Use: Do not enter or allow adults, children, or pets to enter treated areas until sprays have dried.

2D Pest Web is a contact spray and works only through contact action.

Mix 2D Pest Web with water for spray applications and dilute mixture can be applied with conventional hydraulic and air-blast sprayer (including backpack).

APPLICATION INSTRUCTIONS

BUFFER WATER TO PH RANGE OF 5.0 to 7.5

COMPRESSED AIR/HYDRAULIC SPRAYERS: For surface applications apply as a course, wet spray at the specified dilution rates listed below. For crack and crevice applications, place the tip of the applicator at or into the crack, crevice or void to be treated apply product at the rate of one second per foot. Apply in such a manner as to limit dripping and runoff on surfaces and plants.

HOSE END SPRAYERS: Dilute according to the specific directions for use. Shake sprayer to fully mix the product.

LOW-VOLUME SPRAYERS: Dilute according to dilution table or specific directions for use. The nozzle(s) should be directed into the plant canopy to get good penetration and coverage, maintain the appropriate distance from the plants to avoid blast damage. The operator should visualize that all the air within the canopy must be replaced by the air from the blower.

USED AS A TANK MIX:

This product can be tank mixed with other insecticides and acaricides. It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the

applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture. Do not exceed label application rates as if mixing stand alone. Add 2D Pest Web at the specified dilution rate to the mix containing the other product(s). Prior to tank mixing, conduct a compatibility test using the proper proportions of products and water to ensure the physical compatibility of the mixture. This product cannot be mixed with any product with label prohibitions against such mixing.

Plant Safety Information:

Not all plant species, varieties, and cultivars have been tested for tolerance to this product or pesticide treatments preceding or following those of this product.

Local conditions can also influence plant tolerance and may not match those under which testing was conducted. Test the product on a sample of the plants to be treated to ensure that a phytotoxic response will not occur prior to large-scale use. Because many cultivars within a plant species vary in tolerance to chemical applications and growing conditions, the grower must recognize these differences and test the product accordingly. At a minimum, always test a small group of representative plants for tolerance to this product under local growing conditions and before large-scale use.

Grower assumes responsibility for testing species suitability under local growing conditions by treating a small number of plants at the specified rate. At a minimum, this should include evaluating treated plants for 2-3 days following treatment for possible injury or other effects. To the extent consistent with applicable law, by applying this product, the user assumes responsibility for any crop damage or other liability associated with factors beyond the manufacturer's control, such as weather, presence of other materials, and manner or use of application. Follow all restrictions and limitations on this label.

To minimize the risk of injury to ornamentals:

- Avoid application to plugs in early stages of development (1 to 2 leaf stage) as phytotoxicity may develop to some tender crops. If application is intended for this plant state, test this product on a small number of plants before doing large-scale treatments because phytotoxicity can occur to plugs at the 1 to 2 leaf stage.
- Make applications prior to blooming or avoid blooms where possible.
- To minimize risk of phytotoxicity, apply during time of day when product can dry very fast from plant surface. Avoid spraying on a cloudy day or in the night when the humidity is higher.

Under certain circumstances some plants are less tolerant to this product. [See table "Plants known to be less tolerant to 2D Pest Web".] Special attention is required for applications to these crops. Product applications should first be tested at the lowest rate. All higher application rates must also be tested on a small number of plants before making large-scale treatments.

Plants known to be less tolerant to 2D Pest Web

Genus or Common Name
FLOWERS/ORNAMENTALS -Chrysanthemum (some varieties) -Gerbera -Pelargonium (e.g. geraniums) -Ornamental Asparagus
FRUIT -Apple -Pear
VEGETABLES -Cucurbit (e.g. gourds) -Leafy vegetables with delicate leaves (e.g., lettuce) -Pepper -Tomato
HERBS with delicate leaves (e.g., basil)

2D Pest Web should not be used in combination with or closely following the fungicide Captan applications due to foliage injury risk.

PESTICIDE RESISTANCE MANAGEMENT

2D Pest Web contains a Group 3A insecticide. Insect biotypes with acquired resistance to Group 3A may eventually dominate the insect population if Group 3A insecticides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by 2D Pest Web or other Group 3A insecticides.

To delay insecticide resistance, consider:

- Avoiding the consecutive use of 2D Pest Web and other Group 3A insecticides that have a similar target site of action, on the same insect species.
- Using tank mixtures or premixes with insecticides from a different target site of action Group as long as the involved products are all registered for the same use and have different sites of action.
- Basing insecticide use on a comprehensive IPM program.
- Monitoring treated insect population for loss of field efficacy.
- Contacting your local extension specialist, certified crop advisors, and/or manufacturer for insecticide resistance management, and/or IPM recommendations for the specific site and resistance pest problems.

Used in Combination with other Insecticides: 2D Pest Web may be combined with other insecticides and acaricides where resistance may be a problem. It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

Agricultural Use

GROWING CROPS (OUTDOORS AND INDOORS)

General Precautions and Restrictions for use on growing crops:

For food crops growing outdoors in agricultural setting:

- Pest pressure determines retreatment need.
- Do not apply more than 10 times per season.
- Re-apply at intervals of 5-7 days as needed. Following the third consecutive application, reapply after a minimum of 14 days.
- Do not harvest until spray has dried.
- Do not wet plants to the point of runoff or drip.
- Buffer spray water to pH range of 4.0-7.5.
- Apply by ground **only**; Do not apply by air

For crops food crops growing indoors:

- Do not apply more than 10 times per season.
- Re-apply at intervals of 5-7 days as needed. Following the third consecutive application, reapply after a minimum of 14 days.
- Do not harvest until spray has dried.
- Do not wet plants to the point of runoff or drip.

Kills Insects:

- Brown Marmorated Stink Bug, Spotted Lantern Fly
- **Mites**, including: Two-Spotted Spider mite (*Tetranychus urticae* and other *Tetranychus* sp.), Broad mite (*Polyphagotarsonemus latus*), Citrus budmite (*Eriophyes pallidus*), Rust mite (*Phyllocoptruta* sp., *Epitrimerus* sp., and *Aculus* sp.) and European red mite (*Panonychus ulmi*)
- **Caterpillars**, including early instar caterpillars: Beet armyworm (*Spodoptera exigua*), Cabbage looper (*Trichoplusia ni*), Soybean looper (*Psuedoplusia includens*)
- **Thrips**, including: Immature stage of Chili thrips (*Scirtothrips dorsalis* Hood), Western Flower thrips (*Frankliniella occidentalis*)
- **Hemipteran pests**
 - **Whiteflies**, including: subfamilies Aleyrodinae and Aleurodicinae, (e.g., greenhouse whitefly (*Trialeurodes vaporariorum*))
 - **Aphids**, including: Green peach aphid (*Myzus persicae*), Melon/cotton aphid, (*Aphis gossypii*), Foxglove aphid (*Aulacorthum solani*), Root aphid (*Pemphigus* spp.)
 - **Mealybugs** family Pseudococcidae, including: longtailed mealybug, citrus mealybug, mexican mealybug
 - **Scale insects**, super family Coccoidea, armored and soft scale insects including: Boisduval Scale, Fern Scale, Brown Soft Scale, Hemispherical Scale and Tessellated Scale

Indoor Greenhouse Foliar Applications: Refer to the application tables below for recommended application rates for each crop grouping. If necessary, reapply to maintain pest suppression thresholds. The reapplication interval should be no less than 5-7 days. Following the third consecutive application, reapply after a minimum of 14 days. Apply using sufficient volumes to ensure thorough coverage of upper and lower leaf surfaces unless otherwise noted.

Outdoor Foliar Applications: Refer to the application tables below for specific application rates for each crop grouping. Typically, the dilute product is applied at a rate of 55-80 gallons per acre. Repeat applications if required (within 5-7 days) to maintain effective kill. Use in sufficient water for thorough coverage of upper and lower leaf surfaces unless otherwise noted. However, application rates can vary according to specific application equipment and plant size.

2D Pest Web Indoor Application Rate Chart for Specific Crops

Indoor/Greenhouse Grown Small Treated Areas (square feet) Mix 2D Pest Web as directed, spray volumes will treat 2000 sq. ft. Use sufficient volumes to ensure thorough foliage coverage.				
Crops	Application Rate	2D Pest Web per 2000 sq. ft.	Spray Volume (gallons)	Use Directions
Vegetables, Fruits and Berries	Low	¼ fl. oz.	2	Dilute specified fl. oz. in at least 2 gallons of water or up to 4 gallons of water, depending on foliage density, to treat 2000 sq ft
	High	½ fl/oz.	2	
Cucumbers	--	¼ fl. oz.	2	
Tomatoes, Peppers	Low	1/8 fl. oz.	2	
	High	¼ fl. oz.	2	

Indoor/Greenhouse Grown Large Treated Areas (acres) Mix 2D Pest Web as directed, spray volumes will treat 1 acre. Use sufficient volumes to ensure thorough foliage coverage.				
Crops	Application Rate	2D Pest Web per Acre	Spray Volume (gallons)	Use Directions
Vegetables, Fruits and Berries	Low	3 fl. oz.	50	Dilute specified fl. oz. in at least 50 gallons of water or up to 80 gallons of water, depending on foliage density, to treat one acre.
	High	9 ½ fl. oz.	50	
Cucumbers	--	5 ½ fl. oz.	50	
Tomatoes, Peppers	Low	2 ¾ fl. oz.	50	
	High	5 ½ fl. oz.	50	

2D Pest Web Outdoor Application Rate Chart for Specific Crops

Outdoor Large Treated Areas (acres) Mix 2D Pest Web as directed, spray volumes will treat 1 acre. Use sufficient volumes to ensure thorough foliage coverage.				
Crops	Application Rate	2D Pest Web per Acre	Spray Volume (gallons)	Use Directions

Fruit trees (excluding pear), tree nuts, small fruits and berries	Low	10 fl. oz.	50	Dilute specified fl. oz. in at least 50 gallons of water, or up to 100 gallons of water to treat very large canopies, per one acre
	High	12 fl. oz.	50	
Pears and Apples during growing season (Due to a risk of young leaf injury – avoid spraying in spring until about 2-3 weeks after flowering)	--	8 1/2 fl. oz.	50	Dilute in at least 50 gallons of water, or up to 65 gallons of water to treat very large canopies, per one acre
Vegetables, all (excluding tomatoes, peppers, cucumbers, melons, eggplants)	Low	6 1/2 fl. oz.	50	Dilute specified fl. oz. in at least 50 gallons of water, or up to 65 gallons of water to treat very large canopies, per one acre
	High	9 1/2 fl. oz.		
Tomatoes, peppers	Low	3 fl. oz.		
	High	4 1/2 fl. oz.		
Cucumbers, Melons, Eggplants	Low	6 1/2 fl. oz.		
	High	7 3/4 fl. oz.		
Cereal grains (all)	--	7 fl. oz.	30	Dilute in at least 30 gallons of water or up to 40 gallons of water to treat very large canopies, per one acre
Dormant Spray used on overwintering pests of fruit trees	--	17 1/4 fl. oz.	50	Dilute in at least 50 gallons of water, or up to 100 gallons of water to treat very large canopies, per one acre
Forage, Fodder and Straw of Cereal Grains Grasses for Seed, Forage, Fodder and Hay Non-Grass Animal Feeds Herbs and Spices Tobacco Additional Crops	Low	3 fl. oz.	40	Dilute specified fl. oz. in at least 40 gallons of water or up to 80 gallons of water, depending on foliage density, per one acre
	High	10 fl. oz.	40	

CROPS WITHIN EACH CROP GROUPING:

Root and Tuber Vegetables: Arracacha, Arrowroot, Purple Arrowroot, Japanese Artichoke, Jerusalem Artichoke, Garden Beets, Sugar Beets, Edible Burdock, Edible Canna, Carrots, Cassava (bitter or sweet), Celeriac (celery root), Chayote, Chervil (turnip-rooted), Chicory, Chufa, Dasheen, Ginger, Ginseng, Horseradish, Leren, Parsley (turnip-rooted), Parsnip, Potato, Radish, Japanese Radish (Daikon), Rutabaga, Salsify, Black Salsify, Spanish Salsify, Skirret, Sweet Potato, Tanier, Turmeric, Turnip, Yam (true), Yam Bean.

Leaves of Root and Tuber Vegetables: Garden Beet, Sugar Beet, Edible Burdock, Carrot, Cassava (bitter or sweet), Celeric (celery root), Chervil (turnip-rooted), Chicory, Dasheen (taro), Parsnip, Radish, Japanese Radish (Daikon), Rutabaga, Black Salsify, Sweet Potato, Tanier, Turnip, Yam (true).

Bulb Vegetables: (*Allium* spp.): Garlic, Great-headed Garlic, Leek, Onion (dry bulb and green), Onion, Welsh, Shallot.

Leafy Vegetables: Amaranth (Leafy Amaranth, Chinese Spinach, Tampala), Arugula, Cardoon, Celery, Chinese Celery, Celtuce, Chervil, Cilantro, Corn Salad, Chrysanthemum (edible leaved), Chrysanthemum (garland), Cress (garden, water), Upland Cress (yellow rocket, winter cress), Dandelion, Dock (sorrel), Endive (escarole), Fennel (Florence), Lettuce (head and leafy), Orach, Parsley, Purslane (garden & winter), Radicchio, Rhubarb, Spinach, Vine Spinach (Malabar, Indian), Spinach (New Zealand), Swiss Chard.

Brassica (Cole) Leafy Vegetables: Broccoli, Chinese Broccoli (Gai Lan), Broccoli raab (Rapini), Brussels Sprouts, Cabbage, Chinese Cabbage (Bok Choy), Chinese Cabbage (Napa), Chinese Mustard Cabbage (Gai Choy), Cauliflower, Cavalo broccolo, Collards, Kale, Kohlrabi, Mizuna, Mustard Greens, Mustard Spinach, Rape Greens.

Legume Vegetables (Succulent Or Dried): Adzuki Beans, Field Beans, Kidney Beans, Lima Beans, Moth Beans, Mung Beans, Navy Beans, Pinto Beans, Rice Beans, Runner Beans, Snap Beans, Tepary Beans, Urd Beans, Wax Beans, Asparagus Beans, Blackeyed Peas, Catjang, Chinese Longbeans, Cowpeas, Crowder Peas, Southern Peas, Yardlong Beans, Broad Beans (Fava Beans), Chickpeas (Garbanzo Beans), Guar, Jackbean (Sword Bean), Lablab Bean (Hyacinth Bean), Lentils, Peas (Edible Pod Pea, Garden Peas, Field Peas, Sugar Snap Peas, English Pea, Snow Pea), Pigeon Peas, Soybeans, Sweet Lupin Beans, White Lupin Beans, White Sweet Lupin, Sword Bean.

Foliage of Legume Vegetables: Plant parts of any legume vegetable included in the legume vegetable group that will be used as animal feed including any variety of Beans, Field Peas, Soybeans.

Fruiting Vegetables: Eggplant, Ground Cherry, Okra, Pepino, Pepper (Bell Pepper, Chili Peppers, Cooking Peppers, Pimentos, Sweet Peppers), Tomatillo, Tomato.

Cucurbit Vegetables: Balsam Apple, Balsam Pear (Bitter Melon), Chayote, Chinese Waxgourd (Chinese preserving melon), Chinese Cucumber, Citron Melon, Cucumber, Gherkin, Edible Gourds, Muskmelons (including hybrids, Cantaloupe, Casaba, Crenshaw, Golden Pershaw Melon, Honeydew Melons, Honey Balls, Mango Melon, Muskmelon, Persian Melon, Pineapple Melon, Santa Claus Melon, Snake Melon), Pumpkin, Squash (summer & winter), Watermelon (including hybrids).

Citrus Fruits: Calamondin, Citrus Citron, Citrus Hybrids, Grapefruit, Kumquats, Lemons, Limes, Mandarin (Tangerine), Orange (sweet & sour), Pummelo, Satsuma Mandarin (*Citrus* spp. includes Chironja, Tangelos, Tangors).

Pome Fruits: Apple, Crab Apple, Loquat, Mayhaw, Pear, Oriental Pear, Quince.

Stone Fruits: Apricot, Cherry (sweet & sour), Nectarine, Peach, Plum, Prune, Chickasaw Plum, Damson Plum, Japanese Plum, Plumcot.

Small Fruits and Berries: Blackberry, Blueberry, Cranberry, Currant, Dewberry, Elderberry, Gooseberry, Grape, Huckleberry, Loganberry, Olallieberry, Raspberry (black & red), Strawberry, Youngberry.

Tree Nuts: Almond, Beech Nut, Brazil Nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert (hazelnut), Hickory nut, Macadamia Nut (Bush Nut), Pecan, Pistachio, Walnut, Black and English (Persian).

Oriental Vegetables: Acerola, Atemoya, Balsam Pear (bitter melon), Carambola, Chinese Broccoli (Gai Lan), Chinese Cabbage (Bok Choy, Napa), Chinese Longbeans, Chinese Mustard Cabbage (Gai Choy), Chinese Spinach, Chinese Waxgourd, Cilantro, Citron Melon, Dasheen, Ginger, Ginseng, Japanese Artichoke, Japanese Radish (Daikon), Mung Beans, Rambutan, Water Chestnuts.

Subtropical Fruits: Avocado, Banana, Carob, Barbados Cherry, Cherimoya, Dates, Durian (Jackfruit), Feijoa, Figs, Guava, Kiwifruit, Lychee, Mango, Papaya, Passion Fruit, Paw Paw, Persimmon, Pineapple, Pomegranate.

Herbs and Spices: Allspice, Angelica, Anise (Anise seed), Annatto, Balm, Basil, Black Caraway, Borage, Burnet, Caper Buds, Caraway, Cardamom, Cassia bark, Cassia buds, Catnip, Celery Seed, Chamomile, Chervil dried, Chives, Chinese Chive, Clary, Clove Buds, Coriander (cilantro or Chinese parsley leaf), Coriander (cilantro seed), Costmary, Cilantro, Cumin, Curry Leaf, Dill (dill weed), Dill (seed), Fennel (Italian and Sweet), Fenugreek, Grains of Paradise, Horehound, Hyssop, Juniper berry, Lavender, Lemongrass, Lovage (leaf & seed), Mace, Marigold, Sweet Marjoram, Wild Marjoram, Mustard (seed), Nasturtium, Nutmeg, Parsley, Oregano, Mint, Paprika, Parsley, Pennyroyal, Pepper (black & white), Poppy seed, Rosemary, Rue, Saffron, Sage, Savory, Summer and Winter Savory, Sweet Bay (Bay Leaf), Tansy, Tarragon, Thyme, Vanilla, Wintergreen, Woodruff, Wormwood.

Additional Crops: Artichoke, Asparagus, Avocado, Coffee, Cotton, Hops, Jojoba, Okra, Peanuts, Pineapple, Safflowers, Sesame, Sugarcane, Sunflowers, Tea, Tobacco.

Cereal Grains: Barley, Buckwheat, Corn (sweet and field), Millet, Proso, Oats, Pearl, Popcorn, Rice, Rye, Sorghum (Milo), Teosinte, Triticale, Wheat, Wild Rice.

Forage, Fodder and Straw of Cereal Grains: Barley, Buckwheat, Corn (sweet and field), Millet, Proso, Oats, Pearl, Popcorn, Rice, Rye, Sorghum (milo), Teosinte, Triticale, Wheat, Wild Rice.

Grasses for Seed, Forage, Fodder and Hay: Any grass, Gramineal family (green or cured) except sugarcane and those listed in the cereal grains group that will be fed to or grazed by livestock, all pasture and range grasses and grasses grown for hay or silage, Bermudagrass, Bluegrass, Bromegrass, Fescue. For rice, a 10-day water hold is required for all applications when rice fields are flooded.

Non-Grass Animal Feeds: Alfalfa, Velvet Bean, Clover, Kudzu, Lespedeza, Lupin, Sainfoin, Trefoil, Crown Vetch, Milk Vetch.

ORNAMENTAL CROPS FOR SALE

Trees, shrubs, flowers, foliage plants

Apply 2D Pest Web to control pests (refer to Table “Pests Controlled by 2D Pest Web”) on

ornamental plants:

BEDDING, CUT FLOWER, FOLIAGE, PERENNIAL AND TROPICAL PLANTS: African Violet, Ageratum, Angelonia, Alstroemeria, Aster, Azalea, Begonia, Cacti, Calceolaria, Calendula, Calla, Camellia, Carnation, Ceanothus, Cineraria, Chrysanthemum, Coleus, Cyclamen, Cypress, Daffodil, Dahlia, Delphinium, Dianthus, Fern, Ficus, Foliage Plants, Fuschia, Gardenia, Geranium, Gladiolus, Gloxinia, Gypsophila, Hibiscus, Holly, Hyacinth, Hydrangea, Impatiens, Iris, Lilies, Maidenhair Fern, Marigold, Narcissus, Palm, Pansy, Pelargonium, Peony, Petunia, Herbacious Perennials, Philodendron, Phlox, Pyracantha, Roses, Rubber Plant, Snapdragon, Stock, Sweet Pea, Tropicals, Tulips, Violas, Wandering Jew, Zinnia

WOODY ORNAMENTALS, TREES, SHRUBS AND EVERGREENS: Andromeda, Arborvitae, Ash, Aspen, Beech, Birch, Boxwood, Cotoneaster, Cottonwood, Crabapple, Dogwood, Elm, Euonymus, Fir, Firethorn, Forsythia, Flowering Cherry, Flowering Pear, Hawthorn, Hemlock, Hickory, Hibiscus, Holly, Honey Locust, Horse Chestnut, Juniper, Larch, Laurel, Lilac, Linden, Maple, Mimosa (Silk Tree), Myrtle, Oak, Pine, Planetree, Privet, Red Bud, Rhododendron, Roses, Tulip Tree, Viburnum, Willow, Yew.

Use Sites:

Greenhouse and outdoor-grown ornamental crops for sale:

- Bedding plants
- Containerized and ball and burlap plants
- Cut flowers
- Evergreens
- Flowering plants (to minimize phytotoxicity only apply when out of bloom)
- Foliage plants
- Ground covers
- Ornamental trees and shrubs
- Perennials

2D Pest Web is a contact spray that works only when sprayed directly on the target pest. Good spray coverage of all plant sites where pests are feeding is necessary for control.

Re-apply 1-2 times at intervals of 7-10 days as needed. Pest habits and level of pest pressure determine retreatment need.

Mix 2D Pest Web with water for spray applications. The dilute mixture can be applied using conventional hydraulic and sprayers (including backpack). Refer to the "Application rates for ornamentals" table for the appropriate application rate.

Application rates for ornamentals

Small Treated Areas (square feet) Mix 2D Pest Web as directed, spray volumes will treat 2000 sq. ft. Use sufficient volumes to ensure thorough foliage coverage.				
Crops	Application Rate	2D Pest Web per 2000 sq. ft.	Spray Volume (gallons)	Use Directions

Trees, Shrubs	Low	½ fl. oz.	3	Dilute either ½ fl oz or ¾ fl oz in at least 3 gallons of water or up to 5 gallons of water, depending on foliage density, to treat 2000 sq ft.
	High	¾ fl. oz.	3	
Roses	--	¼ fl. oz.	2	Dilute ¼ fl oz in at least 2 gallons of water or up to 4 gallons of water, depending on foliage density, to treat 2000 sq. ft.
Other ornamental plants	--	1/8 fl. oz.	2	Dilute 1/8 fl oz in at least 2 gallons of water or up to 4 gallons of water, depending on foliage density, to treat 2000 sq ft.

Large Treated Areas (acres) Mix 2D Pest Web as directed, spray volumes will treat 1 acre. Use sufficient volumes to ensure thorough foliage coverage.

Crops	Application Rate	2D Pest Web per Acre	Spray Volume (gallons)	Use Directions
Trees, Shrubs	Low	7 fl. oz.	50	Dilute either 7 fl oz or 12 fl oz in at least 50 gallons of water, or up to 100 gallons of water for very large canopies, to treat one acre.
	High	12 fl. oz.	50	
Roses	Low	5 ¼ fl. oz.	40	Dilute either 5 ¼ fl oz or 6 ½ fl oz in at least 40 gallons of water, or up to 80 gallons of water for dense foliage, to treat one acre.
	High	6 ½ fl. oz.	40	
Other ornamental plants	--	3 fl. oz.	40	Dilute 3 fl oz in at least 40 gallons of water, or up to 80 gallons of water for dense foliage, to treat one acre.

Non-Agriculture Use

TURF GRASS

Turf Grass including Lawns and Golf Course Tees, Greens, Fairways and Roughs:

Used to Control Insect Pests on Golf Courses and Lawns in Landscaped Areas Around Residential, Institutional, Public, Commercial and Industrial Buildings, Parks, Recreational Areas and Athletic Fields.

Apply 2D Pest Web to control the following insects:

For control of accessible, exposed stages of Annual bluegrass weevil, Ants*, Armyworms, Crickets, Cutworms, Earwigs, Grasshoppers, Japanese beetles (adult), Millipedes, Mites, Pillbugs, Sod webworms, Sow bugs, Bluegrass billbug (adult), Chinch bugs, Black turfgrass atatenius (adult), Chiggers.

*Does not include public health pests such as fire, harvester, carpenter and pharaoh ants.

For turf grass, combine 7.0 fl. oz. of 2D Pest Web with 32 gallons of water (equivalent to 2 teaspoons of 2D Pest Web with 1.5 gallons of water). Apply the dilute mix at a rate no less than 32 gallons per

acre (equivalent to 1.5 gallons per 2000 square feet) with conventional hydraulic sprayers or compressed air sprayers.

Application rates for turf grass

Small Treated Areas (square feet) Mix 2D Pest Web as directed, spray volumes will treat 2000 sq. ft. Use sufficient volumes to ensure thorough foliage coverage.				
Crop	Application Rate	2D Pest Web per 2000 sq. ft.	Spray Volume (gallons)	Use Directions
Turf grass	--	½ fl. oz.	2	Use no less than 2 gallons per 2000 sq. ft
Large Treated Areas (acres) Mix 2D Pest Web as directed, spray volumes will treat 1 acre. Use sufficient volumes to ensure thorough foliage coverage.				
Crop	Application Rate	Fl. oz. of 2D Pest Web Per Acre	Spray Volume (gallons)	Use Directions
Turf grass	--	7 ¾ fl. oz.	32	Use no less than 32 gallons per acre

Apply directly to pest.
 Re-apply 1-2 times at intervals of 7-10 days as needed.
 Pest habits and level of pest pressure determine retreatment need.

USE IN FOOD HANDLING ESTABLISHMENTS

Applications are permitted in food/feed areas of food/feed handling establishments as a contact spray, space spray or treatment of cracks and voids including those operating under the Federal meat, poultry, shell egg grading and egg products inspection programs.

Food handling establishments are places other than private residences in which food is held or processed, prepared or served.

FOOD AREAS: Areas for receiving, serving, storing (dry, cold, frozen, raw), packing (canning, bottling, wrapping, boxing), preparing (cleaning, slicing, cooking, grinding) edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups, extraction and pelleting)

NON-FOOD AREAS: Garbage containment, lavatories, floor drains, entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, closets and storage areas.

Apply according to specific directions for pests to be treated under the Indoor Use section below. Prior to space spray applications, remove or cover exposed food and drinking water in the treatment areas. Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, in the treatment areas, or wash them before use.

PREMISE SPRAYS (Indoor and Outdoor):

Where to Use:

INDOOR: Apply to insects in openings leading to voids and hollow spaces in floors, walls, ceilings, equipment legs and bases, around plumbing pipes, doors and windows, and behind and under appliances and cabinets where insects are typically known to be present.

OUTDOOR: Use as an outdoor perimeter spray. Apply to insects outdoors at pest entry sites: along windows and doors, sewer areas, adjacent trees that harbor insects, utility entry points, along walls, garbage holding areas, and other locations that serve as harborage for insects. Do not spray directly onto evergreens, bedding plants, perennials and non-dormant deciduous trees and shrubs at rates higher than 0.1% concentration.

For use in warehousing and commercial establishments, including warehouses, food processing plants (meat or vegetable processing plants or canneries). Miscellaneous areas: garbage rooms, lavatories, entries, and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling).

2D Pest Web is a contact spray and works only through contact action. Pest pressure determines retreatment need. Spray insects thoroughly.

Refer to “Application rates for premise sprays” table for the appropriate application rate.

Crawling and Flying Insects:

Direct spray applications will control insects:

Ants*, Blister Beetles, Caterpillars, Crickets, Earwigs, Firebrats, Fireworms, Flea Beetles, Grasshoppers, Leaf-tiers, Lygus Mealy Bugs, Millipedes, Psyllids, Spiders*, Webworms, Crane Flies, Fungus Gnats, Fruit Flies, Gnats, Japanese Beetle, Katydid, Leafhopper, Leaf-rollers, Loopers, Small Flying Moths, Vinegar Flies, Whiteflies. Repeat application as necessary.

*Does not include public health pests such as fire, harvester, carpenter and pharaoh ants, or black widow, brown recluse or hobo spiders.

Application rates for premise sprays

Indoor/Premise Treated Areas (square feet) Mix 2D Pest Web as directed.
Apply at a rate of 2 gallons per 2000 sq. ft. In the case of severe infestations apply at a rate of 4 gallons per 2000 sq. ft. Use sufficient volume to ensure coverage

Use	Concentration (%)		Concentration (fl. oz. per TWO gallons)	
	Low	High	Low	High
Ants*	1%	4%	2 ½ fl. oz	10 fl. oz.
Spiders*	2%	4%	5 fl. oz.	10 fl. oz.
Stored Product Pests	1%	4%	2 ½ fl. oz	10 fl. oz.
Other Crawling and Flying Insects	1%	4%	2 ½ fl. oz	10 fl. oz.

When tank-mixing with other insecticides	0.1%	0.4%	¼ fl. oz.	1 fl. oz.
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*Does not include public health pests such as fire, harvester, carpenter and pharaoh ants, or black widow, brown recluse or hobo spiders.

Outdoor/Premise Treated Areas (square feet) Mix 2D Pest Web as directed, spray volumes will treat 2000 sq. ft. Use sufficient volumes to ensure coverage.				
Use	Application Rate	2D Pest Web per 2000 sq. ft.	Spray Volume (gallons)	Use Recommendations
Premise	Low	2 fl. oz.	2	Dilute either 2 fl oz or 4 fl oz in at least 2 gallons of water, or up to 4 gallons of water for severe infestations, per 2000 sq. ft.
	High	4 fl. oz.	2	

SURFACE SPRAY IN FOOD/FEED PROCESSING, PRODUCTION, AND STORAGE SITES

Contact Spray - for Use with Sprayers that Give Large, Wetting Spray Particles to Kill Accessible Stages of Indoor Pests and Granary Insects: Ants*, Drugstore Beetles, Earwigs, Beetles, Boxelder Bugs, Clover Mites, Cadelles, Confused Flour Beetles, Fungus Gnats, Grain Mites, Granary Weevils, Meal Moth Larvae and Adults, Phorid Flies, Red Flour Beetles, Rice Weevils, Sciarid Flies, and Saw-toothed Grain Beetles and other listed insects.

*Does not include public health pests such as fire, harvester, carpenter and pharaoh ants, or black widow, brown recluse or hobo spiders.

Dilute using 1 part of 2D Pest Web to 100 parts water (1 ¼ fl. oz. per gallon) and apply at a rate of 2.5 gallons per 2000 square feet. Cover or remove exposed food and close room. Spray outside walls of grain bins, flooring, about base of milling machinery, walls and baseboards, areas behind cabinets and around pipes, and other insect harborages apply as a coarse wetting spray using approximately 2.5 gallons of spray mixture per 2000 square feet of surface. In case of severe infestation, spray at the rate of 5 gallons per 2000 square feet. To ensure maximum control of listed insects, spray insects thoroughly. Repeat as necessary-

Stored Food: (Stored in multi-wall bags or cloth bags) in flour mills, grain elevators, granaries, storage rooms, and warehouses for control of Angoumois Grain Moths, Cadelles, Cheese Mites, Cheese Weevils, Cigarette Beetles, Confused Flour Beetles, Dark Mealworms, Grain Mites, Granary Weevils, Indian Meal Moths, Mediterranean Flour Moths, Red Flour Beetles, Rice Weevils, Saw-toothed Grain Beetles and Yellow Mealworms: Remove and destroy infested products. Dilute concentrate with water at the rate of 1 part of 2D Pest Web to 100 parts water (1 ¼ fl. oz. per gallon) and mix well. Apply this product as a coarse wetting spray using approximately 2.5 gallons per 2000 square feet. In case of severe infestation, spray at the rate of 5 gallons per 2000 square feet. Disperse this product first by directing spray into corners, under pallets and around stacks of packaged foods, contacting as many insects as possible.

Federally Inspected Meat and Poultry Plants: Dilute one part concentrate with 100 parts water (1 ¼ fl. oz. per gallon) and spray at the rate of 2.5 gallon per 2000 square feet. In case of severe infestation, spray at the rate of 5 gallons per 2000 square feet. Apply the spray into all cracks and crevices in woodwork, walls, floors, underneath sinks, behind pipes and in all places where these insects shelter. Contact as many insects as possible. Repeat as necessary for control of exposed or accessible stages of Ants*, Darkling Beetles, Earwigs, Fruit Flies, Gnats, Silverfish, Small Flying Moths, Spiders*.

*Does not include public health pests such as fire, harvester, carpenter and pharaoh ants, or black widow, brown recluse or hobo spiders.

Before spraying, exposed food products and packaging materials must be covered or removed. After spraying, equipment and utensils must be washed with an effective cleaning compound and rinsed with potable water prior to use. Use as a space spray only when plant is not in operation.

Use as a Surface Spray in Food Processing Plants, Industrial Installations and Warehouses: To kill accessible, exposed stages of insects Ants*, Caddisflies, Cigarette Beetles, Confused Flour Beetles, Dark Mealworms, Dried fruit Beetles, Drugstore Beetles, Grain Mites, Red Flour Beetles, Rice Weevils, Sawtoothed Grain Beetles, Spider Beetles, Yellow Mealworms.

*Does not include public health pests such as fire, harvester, carpenter and pharaoh ants.

Dilute one part concentrate with 100 parts water (1 ¼ fl. oz. per gallon) and spray at the rate of 2.5 gallons per 2000 square feet. In case of severe infestation, and spray at the rate of 5 gallons per 2000 square feet.

Pay special attention to force the spray into all cracks and crevices.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container. Keep away from open flame, sparks, heated surfaces, and avoid excessive heat (>130°F). Store in a cool, dry place inaccessible to children and pets.

CONTAINER HANDLING: DO NOT puncture or incinerate! Empty container by using the product according to the label directions. Non-refillable container. **When empty:** Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate 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. Then offer container for recycling, if available, or place in trash if allowed by state and local regulations.

PESTICIDE DISPOSAL

If partly filled: Call your local solid waste agency for disposal instructions.

WARRANTY

Read the entire Directions for Use and Warranty before using this product. By using this product, user or buyer accepts the following warranty. The directions for use of this product are believed to adequate and must be followed carefully. It is impossible to eliminate all risks associated with the use of this product. Unintended consequences may result because of unknown factors. All such risks shall be assumed by the user or buyer. The seller is committed to providing high quality products. To the extent consistent with applicable law, the seller makes no warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond statements on this label. To the extent consistent with applicable law, the manufacturer or the seller shall not be liable for indirect, special, incidental or consequential damages. To the extent consistent with applicable law, the exclusive remedy of the user or buyer shall not exceed the purchase price paid.

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