

CAPTAIN JACK'S DEADBUG BREW READY TO SPRAY

FOR RESIDENTIAL USE IN HOME GARDENS, LAWNS AND ORNAMENTALS
FOR CONTROL OF FOLIAGE FEEDING WORMS (CATERPILLARS), THRIPS
AND OTHER LISTED PESTS IN:

- FRUITING VEGETABLES, SUCH AS TOMATO, PEPPER, OKRA AND EGGPLANT
- CUCURBITS, SUCH AS CANTALOUPE AND HONEYDEW
- COLE CROPS (BRASSICA), SUCH AS BROCCOLI, CABBAGE AND CAULIFLOWER
- LEAFY VEGETABLES, SUCH AS LETTUCE, SPINACH AND CELERY
- TUBEROUS VEGETABLES, SUCH AS POTATOES, SWEET POTATOES, YAMS,
JERUSALEM ARTICHOKE, CHINESE ARTICHOKE AND CASSAVA
- STONE FRUITS, SUCH AS PEACHES, PLUMS, CHERRIES, NECTARINES,
PRUNES AND APRICOTS
- APPLE AND OTHER POME FRUITS, SUCH AS PEARS, CRABAPPLES,
MAYHAW AND QUINCE
- BUSHBERRIES AND CANEBERRIES, SUCH AS BLUEBERRY, BLACKBERRY
AND RASPBERRY

For Outdoor Residential Use Only.

Store and transport in an upright position.

EPA Est. No. 4-NY-1 EPA Reg. No. 4-471

Buyers Guarantee Limited to Label Claims.

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Quart



DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

For residential use in home gardens, lawns and ornamentals. Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

This insect control product is intended for control of worms (caterpillars) and other listed insects. This product does not significantly impact predatory beneficial insects, predatory mites, and spiders while controlling target pests. Susceptible insect pests may be observed on plants up to several hours after treatment, but will have ceased active feeding before being killed. Spinosad is classified as an organic substance by the USDA National Organic Standards Board.

Captain Jack's DEADBUG Brew® contains Spinosad "spin-OH-sid". Spinosad is derived from a naturally occurring soil dwelling bacterium that was collected from an abandoned rum distillery on a Caribbean island in 1982. This unique bacterium was defined as a new species when it was discovered and it has never been found in nature anywhere else in the world. Since being discovered, Spinosad has become a leading pesticide used by agriculture world wide in the production of organic produce. Today, thanks to Captain Jack's DEADBUG Brew®, Spinosad is available to the homeowner.

HOW TO APPLY

Shake Well Before Use

Application: Spray as directed - complete coverage is important. Treat when insects begin to appear and repeat treatments to maintain control as directed. Carefully follow all label directions and any limitations of use, such as the amount of spray to apply or PHI (pre-harvest interval) for particular vegetable crops.

Ready-to-Spray Nozzle Instructions:

1. Make sure knob control lever is in "OFF" position, then connect sprayer to garden hose.
2. When spraying low growing groundcovers, lawns and small shrubs, twist the sprayer hood to the "FAN" position. When spraying taller Trees, Shrubs and Ornamentals, twist the sprayer hood to the "STREAM" position for extended reach and uniform coverage.
3. Turn water on at the faucet. To begin spraying, turn knob control lever to the "ON" position. The product mixes automatically with the water as you spray.
4. To stop spraying, turn knob control lever to the "OFF" position. Turn off water at the faucet. To relieve pressure, turn knob control lever to the "ON" position and point the sprayer away from any desirable plants before disconnecting the spray nozzle from the garden hose.

WHEN TO APPLY

Apply when listed pests are present. Repeat applications may be made as indicated in the Home Gardens section. See your state extension service recommendations for treatment guidelines in your area.

USES - HOME GARDENS

In the state of Georgia, do not apply this product to: Broccoli Raab, Chinese Cabbage (Bok Choy), Collards, Kale, Mizuna, Mustard Greens, Mustard Spinach, Rape Greens.

Crops	Pests Controlled	Maximum Number of Applications per Season	Minimum Days to Wait Before Reapplying	Minimum Days to Wait from Last Application to Harvest
apple and other pome fruits including, but not limited to: crabapples, mayhaw, pears, and quince	codling moth leafminers leafrollers oriental fruit moth tufted apple budmoth	6	10	7
asparagus (post-harvest to protect ferns)	asparagus beetles	4	7	60
bushberries and caneberries, including, but not limited to: blackberry, blueberry, currant, elderberry, gooseberry, huckleberry, juneberry, lingonberry, loganberry, raspberry, and salal	armyworms fireworms fruitfly (suppression) fruitworms leafrollers loopers thrips	6	6	3
citrus trees, including, but not limited to: grapefruit, lemons, limes, oranges, and tangerines (to prevent fruit scarring from thrips, treat when fruit is marble size)	katyids leafminers thrips worms (caterpillars)	6	6	1

Crops	Pests Controlled	Maximum Number of Applications per Season	Minimum Days to Wait Before Reapplying	Minimum Days to Wait from Last Application to Harvest
<p>cole crops (Brassica vegetables), including, but not limited to: broccoli, broccoli raab, brussels sprouts, cauliflower, cavalo, Chinese broccoli, cabbage, Chinese cabbage (bok choy), Chinese cabbage (napa), Chinese mustard cabbage (gai choy), collards, kale, kohlrabi, mizuna, mustard greens, mustard spinach and rape greens</p>	<p>cabbage looper diamondback moth imported cabbage worm leafminers worms</p>	6	4	1
<p>cucurbits, including, but not limited to: cucumber, edible gourds, muskmelons (cantaloupe, honeydew, etc.), pumpkin, summer and winter squash, and watermelon</p>	<p>leafminers thrips worms (caterpillars)</p>	6	5	all except cucumber, 3 cucumber, 1
<p>fruiting vegetables, including, but not limited to: eggplant, ground cherry, okra, pepino, pepper, tomatillo, and tomato</p>	<p>Colorado potato beetle leafminers thrips worms (caterpillars)</p>	6	4	1

Crops	Pests Controlled	Maximum Number of Applications per Season	Minimum Days to Wait Before Reapplying	Minimum Days to Wait from Last Application to Harvest
grape	leafrollers thrips worms (berry moth)	6	5	7
leafy and dried herbs	leafminers thrips worms (caterpillars)	5	7	1
leafy vegetables, including, but not limited to: arugula, celery, chervil, corn salad, cress, dandelion, dock, edible chrysanthemum, endive, fennel, garden purslane, head and leaf lettuce, parsley, radicchio, rhubarb, spinach, and Swiss chard	leafminers worms (caterpillars)	6	4	1
stone fruits, including, but not limited to: apricots, cherries, nectarines, peaches, plums, and prunes	borers fruit flies leafminers leafrollers thrips worms (caterpillars)	6	7	peach, apricot, all except cherry plum, prune, nectarine, 14 cherry, plum and prune, 7 nectarine, 1
strawberry	armyworms leafrollers thrips	6	5	1

Crops	Pests Controlled	Maximum Number of Applications per Season	Minimum Days to Wait Before Reapplying	Minimum Days to Wait from Last Application to Harvest
<p>succulent beans and peas, including, but not limited to: blackeyed pea, garbanzo bean, garden pea, lima bean, snap bean, and snow pea</p>	<p>borers leafminers thrips worms (caterpillars)</p>	6	5	3
<p>sweet corn and popcorn (for earworms, treat silk frequently as it grows)</p>	<p>corn borers worms (caterpillars), including earworm</p>	6	3	1
<p>tree nuts, including, but not limited to: almonds, cashew, chestnut, macadamia, pecans, pistachio, and walnuts</p>	<p>husk fly (suppression) leafrollers navel orangeworms peach twig borer shuckworms webworms</p>	5	7	14
<p>tree fruits, including but not limited to: atemoya, avocado, cherimoya, custard apple, guava, longan, lychee, mango, papaya, passionfruit, rambutan, sapodilla, sapote, star apple, star fruit, and wax jambu</p> <p>tuberous and corm vegetables, including, but not limited to: cassava, chayote root, Chinese artichoke, ginger, Jerusalem artichoke, potatoes, sweet potatoes, turmeric, and yams</p>	<p>suppression of worms or caterpillars, thrips, and katyids</p> <p>Colorado potato beetle corn borers leafminers thrips worms (caterpillars)</p>	4	7	1
		6	7	7

LAWNS AND ORNAMENTALS

Use Site	Pests Controlled	Comments
lawns	worms, including small (<math><3/4\text{''}</math>) armyworm, and sod webworm cat fleas (suppression only)	Uniformly apply a minimum of 3 gallons of spray per 1000 sq ft of area. Delay watering or mowing for 12 to 24 hours after application. Armyworms: For best results, apply in early morning or late afternoon. Cat fleas: Apply early or late in the day since control requires contact with dilute spray before drying. Thorough coverage is necessary. Reapply in 7 to 14 days to control adults that have emerged from pupae present at time of initial treatment.
outdoor ornamentals (herbaceous and woody plants)	emerald ash borer gall midges leaf feeding beetles leafminers sawfly larvae spider mites ¹ thrips worms, including loopers, webworms, bagworms, gypsy moth, and tent caterpillars	Uniformly spray foliage to point of runoff. Uniform coverage of upper and lower leaf surfaces is essential for effective insect control.

¹Apply when spider mites are first observed before prior to webbing and before mite populations have become severe. Reapply after 7 to 10 days (3 to 5 days in greenhouses and structures that can be altered to be closed or open) to contact newly hatched nymphs and repeat until infestation is managed. **Uniform coverage of both upper and lower leaf surfaces is critical.**

STORAGE and DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage: Store in original container only in secure or locked storage area.

Pesticide Disposal: *If partly filled:* Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

Container Disposal: *If empty:* Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available or place in trash.

ENVIRONMENTAL HAZARDS

This product is toxic to bees exposed to treatment for 3 hours following treatment. Do not apply this pesticide to blooming, pollen-shedding or nectar-producing parts of plants if bees may forage on the plants during this time period. This product is toxic to aquatic invertebrates. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate. Do not put product or rinse water down drain.

PHYSICAL OR CHEMICAL HAZARDS

Combustible. Do not use or store near heat or open flame.

For information on pesticide products (including health concerns, medical emergencies, or pesticide incidents) call the National Pesticide Information Center at 1-800-858-7378.

LIMITED WARRANTY AND DISCLAIMER

Seller warrants that this product complies with the specifications expressed in this label. To the extent consistent with applicable law, Seller makes no other warranties, and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, Seller's liability or default, breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Seller shall have no liability for consequential damages.