

# COLORADO POTATO BEETLE BEATER CONCENTRATE

- **DO-IT-YOURSELF HOME GARDEN INSECT CONTROL.**



**FOR ORGANIC PRODUCTION**

- **MAKES UP TO 8 GALLONS OF SPRAY.**
- **NO ODOR WATER-BASED FORMULA.**
- **LEAVES NO OILY RESIDUE.**

**SHAKE WELL BEFORE USE - AVOID FREEZING**

Store and transport in an upright position.

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Pint



## 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 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.**

## HOW TO MIX

Add the required amount of this product to the recommended amount of water, mix thoroughly, and apply uniformly to both upper and lower surfaces of plant foliage. It is recommended to mix only as much spray as needed for a single treatment. In vegetable gardens it is recommended to use not more than 3 gallons of spray for 1000 sq ft of area. Do not use kitchen utensils for measuring. Keep measuring utensils with product and away from children.

Unit of Measure*	Amount of this product to Use per Pint, Quart or Gallon of Spray		
	Per Pint (16 fl oz) of Spray	Per Quart (32 fl oz) of Spray	Per Gallon (128 fl oz) of Spray
Fluid Ounces (fl oz)	0.25 fl oz	0.5 fl oz	2.0 fl oz
Milliliters (mL)	7.5 mL	15 mL	60 mL
Tablespoons (Tbs)	½ Tbs	1 Tbs	4 Tbs
Teaspoons (tsp)	1 ½ tsp	3 tsp	12 tsp

\* Conversion factors: 1 fl oz = 30 mL = 2 tablespoons (Tbs) = 6 teaspoons (tsp)  
(1 teaspoon = 1/3 tablespoon)

## HOW TO APPLY

**Shake Well Before Use.** This product may be applied with trigger sprayer, hand-held, backpack, or hose-end sprayers. Use a hose-end sprayer that can be adjusted to provide a dilution ratio of about 2 fl oz of this product (4 Tbs) per gallon of spray.

## 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.

## 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
<b>apple and other pome fruits</b> including crabapples, mayhaw, pears, and quince	codling moth, leafminers, leafrollers, Oriental fruit moth, tufted apple budmoth	6	10	7
<b>asparagus</b> (post-harvest to protect ferns)	asparagus beetles	4	7	60
<b>berries and caneberries</b> , including blackberry, blueberry, currant, elderberry, gooseberry, huckleberry, juneberry, lingonberry, loganberry, raspberry, and salal	armyworms, fireworms, fruitfly (suppression), fruitworms, leafrollers, loopers, thrips	6	6	3
<b>citrus trees</b> , including grapefruit, lemons, limes, oranges, and tangerines (to prevent fruit scarring from thrips, treat when fruit is marble size)	katydid, 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><b>cole crops (Brassica vegetables)</b>, including broccoli, broccoli raab, brussels sprouts, cauliflower, cavalo, cabbage, Chinese broccoli, 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><b>cucurbits</b>, including 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><b>fruiting vegetables</b>, including eggplant, ground cherry, okra, pepino, pepper, tomatillo, and tomato</p>	<p>Colorado potato beetle, leafminers, thrips, worms (caterpillars)</p>	6	4	1
<p><b>grape</b></p>	<p>leafrollers, thrips, worms (berry moth)</p>	6	5	7

Crops	Pests Controlled	Maximum Number of Applications per Season	Minimum Days to Wait before Reapplying	Minimum Days to Wait from Last Application to Harvest
leafy and dried herbs	leafminers, thrips, worms (caterpillars)	5	7	1
leafy vegetables, including 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 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
succulent beans and peas, including blackeyed pea, garbanzo bean, garden pea, lima bean, snap bean, and snow pea	borers, leafminers, thrips, worms (caterpillars)	6	5	3
sweet corn and popcorn (for earworms, treat silk frequently as it grows)	corn borers, worms (caterpillars), including earworm	6	3	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><b>tree nuts</b>, including 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><b>tree fruits</b>, atemoya, avocado, cherimoya, custard apple, guava, longan, lychee, mango, papaya, passionfruit, rambutan, sapodilla, sapote, star apple, star fruit, and wax iambu</p>	<p>suppression of worms or caterpillars, thrips, and katydids</p>	4	7	1
<p><b>tuberous and corm vegetables</b>, including cassava, chayote root, Chinese artichoke, ginger, Jerusalem artichoke, potatoes, sweet potatoes, turmeric, and yams</p>	<p>Colorado potato beetle, corn borers, leafminers, thrips, worms (caterpillars)</p>	6	7	7

See application directions below

**Individual fire ant mounds:** Mix the amount of this product recommended per gallon of spray and use a sprinkler can or similar device to apply the diluted spray as a mound drench, using 1 to 2 gallons per mound. Do not use pressurized sprays. Apply about 10% of the spray volume around the perimeter of the mound and the remainder directly to the mound. Do not disturb fire ant mound prior to application. If possible, apply following recent rainfall. For best results apply when weather is cool, 65 to 85° F, or in early morning or late evening.

## 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.

**Container Handling:** Nonrefillable container. Do not reuse or refill this container.

**If empty:** Place in trash or offer for recycling if available.

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

## PRECAUTIONARY STATEMENTS

### 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. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

### Physical or Chemical Hazards

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

## TERMS AND CONDITIONS OF USE

If terms of the following Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies.

The registrant acknowledges that this product may be misbranded if one or more of its ingredients, active and/or inert, is reclassified as non-organic and/or removed from the United States Department of Agriculture (USDA) National List of approved substances for use in organic production and handling. If one or more of the ingredients in this pesticide

product are so reclassified and/or removed (delisted) from the National List, the registrant will take appropriate remedial measures with respect to the labeling for this product.

### **WARRANTY DISCLAIMER**

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. TO THE EXTENT PERMITTED BY LAW, SELLER MAKES NO OTHER EXPRESS NOR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

### **INHERENT RISKS OF USE**

It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperature, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tomatoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Seller. All such risks shall be assumed by Buyer.

### **LIMITATION OF REMEDIES**

To the extent permitted by law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Seller's election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used.

To the extent permitted by law, Seller shall not be liable for losses or damages resulting from handling or use of this product unless Seller is promptly notified of such loss or damage in writing. In no case shall Seller be liable for consequential or incidental damages or losses.

The terms of the Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of the Seller or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or Limitation of Remedies in any manner.