

PM 4

36488-45

4/4/98

ACCEPTED

1/4

JUN 4 1998

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 36488-45

Ringer® Attack® Soap Concentrate

For Use on Fruits, Nuts, Vegetables, and Ornamentals

Active Ingredients

Potassium Salts of fatty acids 49.52 % by weight

Inert Ingredients 50.48 % by weight

Total 100.00 % by weight

Keep Out of Reach of Children

WARNING AVISO

Si no usted entiende la etiqueta, busqué 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.)

Statement of Practical Treatment

If in Eyes: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

If on Skin: Wash with plenty of soap and water. Get medical attention.

If Inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

See back panel for additional precautionary statements
Net Contents 1, 2.5, 5, 30, 55 gallons and bulk

Ringer Attack Soap Concentrate is an effective contact insecticide that is ideal for use in areas such as parks, restaurants, hospitals, school grounds, malls, and other public places, as well as in agriculture, horticulture, golf courses, and greenhouses. Ringer Attack Soap Concentrate effectively controls:

- | | |
|--------------|-------------------|
| Adelgids | Psyllids |
| Aphids | Sawfly larvae |
| Earwigs | Scales |
| Grasshoppers | Spider Mites |
| Lace Bugs | Tent caterpillars |
| Leafhoppers | Thrips |
| Mealybugs | Whiteflies |
| Plant bugs | Woolly aphids |

Ringer Attack Soap Concentrate offers effective insect control on a wide variety of cultivars in ornamental horticultural and agricultural settings.

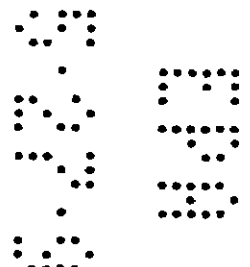
- | | |
|----------------|------------|
| Foliage Plants | Fruits |
| Flowers | Tree Nuts |
| Trees & Shrubs | Vegetables |

Ringer Attack Soap Concentrate:

- * Can be applied up to time of harvest
- * Can be used as an effective component of integrated pest management programs.

EPA Reg. No. 36488-45
EPA Est. No.

Manufactured by Ringer Corporation, 9555 James Avenue South, Suite 200, Bloomington, MN 55434
(612) 703-3300



Ringer Corporaton will not accept liability for damage or injury resulting from misuse. In case of emergency, call 1-800-228-5625, ext. 170

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals:

WARNING: Causes substantial, but temporary eye injury. Causes skin irritation. Do not get on skin, in eyes or on clothing. Wear goggles or safety glasses. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment: Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category C on an EPA chemical resistant category selection chart.

Applicators and other handlers of the diluted product must wear:
Clothing that avoids exposure of bare skin to product including long pants, long-sleeved shirt, socks, shoes, and protective gloves. Protective eyewear should be used for overhead exposure.

Mixers and loaders of the concentrate product must wear:
Coveralls over short-sleeved shirt and short pants.
Chemical resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride, viton. Chemical-resistant footwear plus socks.
Protective eyewear
Chemical-resistant headgear for overhead exposure.
Chemical-resistant apron when cleainging equipment, mixing, or loading.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do no reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

- Users should:
- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
 - Remove contaminated clothing immediately if pesticide gets inside. Then wash thoroughly and put on 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.

ENVIRONMENTAL HAZARDS

This product may be hazardous to aquatic invertebrates. 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. Do not contaminate water by cleaning of equipment or disposal of water.

PHYSICAL OR CHEMICAL HAZARDS

Flammable, keep away from heat and flame.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. 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. For any requirements specific to your State or tribe, consult the agency responsible for pesticide regulation.



NOTE: Do not use on bleeding heart, jade plant, lantana, lillies or sweetpeas. Some varieties of azaleas, begonias, camellias, fuschias, gardenias, orchids, and impatiens have shown sensitivity. If wilting occurs within a few hours rinse with clean water spray. Do not apply to poinsettias after bract coloration begins. Test on chrysanthemums for varietal sensitivity and do not apply to open blooms.

Attack Soap Concentrate mixed 2 gallons per 100 gallons of water may be used as a soil drench to control listed pests in the growing medium of container grown plants.

ORNAMENTAL LANDSCAPE TREES AND SHRUBS including (but not limited to) Christmas trees and ornamental plantings in parks, gardens and along rights-of-way. Mix two gallons of concentrate per 100 gallons water or 2.5 fl. oz. per gallon. To control the crawler stage of adelgids, psyllids, and scales spray to wet bark surface when infestation warrants. For mites and other listed pests, be sure to wet underside of leaves and needle sheaths. For tent caterpillars, mix 1 gallon of concentrate to 30 gallons of water or 4 fl. oz. per gallon and spray directly on young larvae when congregated on outside of tent.

To control Balsam wooly aphid on true firs (*Abies spp.*) mix one gallon of concentrate to 80 gallons of water or approximately 1.5 fl. oz. per gallon. Spray trees thoroughly when crawlers are abundant in early spring and/or fall. For best results make a second application after ten days.

To control Spruce Wooly Aphid mix 1 gallon of concentrate to 25 gallons of water or 5 fl. oz. per gallon. Spray spruce thoroughly in fall or spring before females begin egg laying; on Douglas fir spray before bud break or in the fall after foliage has hardened off.

To control conifer aphids, sawfly larvae and pine needle scale mix 1 gallon of concentrate per 40 gallons of water or 3 fl. oz. per gallon and spray to thoroughly wet foliage when insects are present.

NOTE: Do not apply to chestnut, Japanese maple, mountain ash, or Colorado blue spruce. Do not apply to ornamentals stressed by drought or when tender new foliage is present. Do not apply when leaf temperature exceeds 85°F. Test on Arborvitae, Eugenia and Euonymus for varietal and drought sensitivity. Safer Insecticidal Soap sprays may result in the temporary removal of the glaucas bloom from spruces. To suppress gypsy moth populations, prevent egg hatch by applying a spray solution of 1 quart concentrate to 3 quarts of water directly to egg masses; do not allow spray to contact plant foliage.

VEGETABLES GROWING OUTDOORS AND IN GREENHOUSES: Mix two gallons of concentrate to 100 gallons of water or 2.5 fl. oz. per gallon. Apply when insect or mite populations attain spray threshold. Spray to wet all infested plant surfaces. Application volume per acre sprayed will vary according to size and growth form of plants. Row crops will typically require 50 to 150 gallons of spray per acre. For most pests repeat application after several days to eliminate newly hatched individuals. Do not make more than three sequential applications over a two week period. May be used up to day of harvest.

NOTE: Do not apply during heat of the day or when leaf temperature exceeds 85°F.

ROOT AND TUBER VEGETABLES: Including (but not limited to) carrot, potato, radish and sugar beet to suppress aphids, and control leafhoppers, plant bugs and whitefly. Use up to day of harvest.

BULB VEGETABLES: Including (but not limited to) onion and garlic to suppress thrips. Use up to day of harvest.

LEAFY VEGETABLES: Including (but not limited to) lettuce, celery and spinach to control whitefly and mites and to suppress aphids. Use up to day of harvest.

BRASSICA (cole) LEAFY VEGETABLES: Including (but not limited to) broccoli, brussels sprouts, cabbage, Chinese cabbage (bok choy) and kale to control leafhoppers, plant bugs and whitefly and to suppress aphids. Use up to day of harvest.

NOTE: Do not spray on crop prior to application of or tank mix with a topically applied liquid nitrogen fertilizer.

LEGUME VEGETABLES: Including (but not limited to) beans, peas and soybeans to control aphids, grasshoppers, whitefly and spider mites. Use up to day of harvest.

FRUITING VEGETABLES: Including (but not limited to) eggplant, pepper and tomato, to control whitefly and spider mites and to suppress aphids. Use up to day of harvest.

CUCURBIT VEGETABLES: Including (but not limited to) cucumber, melon and summer squash to control plant bugs and whitefly and suppress aphids and mites. Use up to day of harvest.

Always apply to cucumbers at night or during the coolest part of the day.

HERBS AND SPICES: Including (but not limited to) basil, chives, dill marjoram, and sage to control whitefly, and to suppress aphids and mites. Use up to day of harvest.

FRUITS AND NUTS - Mix two gallons of concentrate to 100 gallons of water or 2.5 fl. oz. per gallon. Spray when insects or mites first appear or when their populations attain spray level. Apply to achieve thorough coverage of infested foliage and/or branches. Repeat at weekly intervals as needed. Avoid spraying when blossoms are present. Use up to day of harvest.

