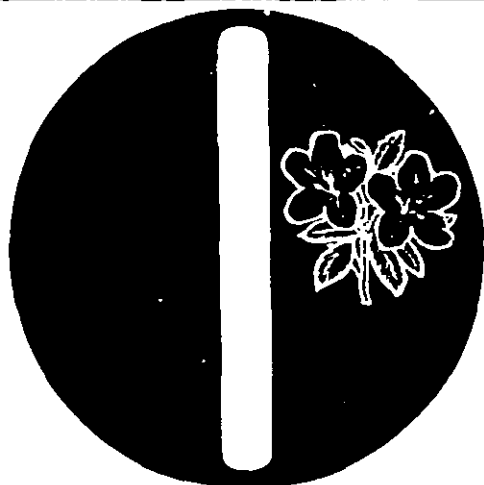


OFF-SHOOT-O



Chemical Pinching Agent for Ornamentals*

U.S. Patent 3,620,712 *For Use on Azaleas, Camellias, Juniper, Ligustrum, Rhododendron, and Taxus

CAUTION:

Keep out of the reach of children.
In case of eye contact, flush with plenty of water. Avoid inhalation of mist.
See side panel for additional precautionary statement.

Contents:

Active Ingredients

Methyl Esters of Fatty Acids

C₁₂-C₁₈

(C₁₂ 4%, C₁₄ 56%, C₁₆ 38%, C₁₈ 2%)

45%

Inert Ingredients

55%

Weight of Active Ingredients 3.72 lbs. per gallon



Sold by The Cochran Corporation

2227 DEADRICK AVE. MEMPHIS, TN 38114-0603

EPA Registration No. 57552-1

EPA Est. 4091-TN-3

Net Contents: 1 U.S. Gallon

OFF-SHOOT-O is Procter & Gamble's Registered Trademark for a Chemical Pinching Agent for Ornamentals

Directions for Use

OFF-SHOOT-O, Chemical Pinching Agent for Ornamentals, is a carefully balanced combination of active ingredients and wetting agents to be used for the chemical pinching of woody ornamental plants. The concentrated product is diluted with water to form a stable emulsion which is applied as a foliar spray. The emulsion is effective only when it comes in direct contact with the growing tips, therefore the spray is directed to provide maximum contact with these growing tips. On most varieties, the growing tip will darken within 24 hours of application. Care in use of the emulsion is essential for successful chemical pinching. Read label carefully prior to treating plants.

Application

1. Apply as a fine spray until the leaves glisten with emulsion or to the point run-off. Avoid spraying excess but be sure all the growing tips are completely covered. Do not respray plants, one spray application per pinch is all that should be necessary.
2. Try several different concentrations on a few plants to arrive at the best concentration for the variety being sprayed. It is suggested that you (a) spray in the morning, (b) check results in afternoon to determine which concentration is best for the variety being sprayed, and (c) schedule full-scale spraying the following day.
3. If an adjustment in spray concentration is needed, do not respray plants within 24 hours unless OFF-SHOOT-O has been washed from plants. Before respraying, be sure to test the new concentration on a few plants.
4. Plants are most responsive to OFF-SHOOT-O if they are turgid and in a rapid growth stage. It is, therefore, suggested that plants be watered the day before morning of spraying. However, the plant foliage should be dry prior to application.
5. OFF-SHOOT-O should be applied at 20-40 pounds pressure. Lower pressure results in slower application rate and larger, less effective, droplet size.
6. To avoid foliar damage, spray from a distance of at least 12-18 inches from the plants when using pump-up sprayers, and 18-24 inches from the plants when using power spray equipment.
7. If you cannot cover bed in one pass, you should use shielding so that if plants already sprayed will not be re-treated.
8. For plants sprayed in a greenhouse, good air movement in the house decreases the possibility of foliar burn.
9. Allow OFF-SHOOT-O to remain in contact with the plants 1 hour before watering.
10. (a) Do not mix with other chemicals such as insecticides and fungicides. Apply other sprays within 48 hours of treatment with OFF-SHOOT-O. In no case should additional wetting agent or spreader be added to the emulsion. (b) Do not apply OFF-SHOOT-O following treatment with other chemicals such as insecticides and fungicides or other sprays until these chemicals have been thoroughly washed from the plants.
11. Temperature — Recommended dosages are for treatments conducted when the temperature is in the 60-85°F. range.
12. Timing of Application — OFF-SHOOT-O is effective only when it comes in direct contact with the tips of actively growing plants, therefore, the timing application can be very important in producing a compact, lateral branched plant.

RECOMMENDATIONS

Plant	Amount	Time of Application	Best Results Obtained When
Azalea	2-3 oz. / gal.	Plants are actively growing	New shoots are 1"-2"
Camellia	2-3 oz. / gal.	Plants are actively growing	New shoots are 1"-2"
Juniper	3-5 oz. / gal.	Plants in state of vigorous growth	New shoots are less than 1"
Ligustrum	3-5 oz. / gal.	Plants in state of vigorous growth	New shoots are 1"-2"
Rhododendron	1.5-3.0 oz. / gal.	Plants are actively growing	New shoots are 1"-3"
Taxus	2-4 oz. / gal.	Plants are actively growing	New shoots are 1"-1.5"

Plants growing rapidly respond to lower concentrations of OFF-SHOOT-O than do plants growing slowly. Substantial differences in response are noted among different types of woody ornamentals. This is true among varieties of the same type and also with the same variety grown under differing conditions (day length, temperature, fertilizer rate, light intensity, etc.). Therefore, it is important to test each variety each time a large group of plants is to be treated.

How to Mix

1. Place the required amount of OFF-SHOOT-O (as determined by pretesting) into a clean container.
2. Add an equal amount of water slowly while stirring.
3. Mix thoroughly.
4. Fill container to desired level with tap water.
5. Mix thoroughly.

The emulsion should be milky and stable. The above method provides proper particle size of the emulsion for optimum results.

Mixing Large Quantities

When mixing large quantities for power spraying OFF-SHOOT-O premix required amount of OFF-SHOOT-O concentrate in a 5 or 10 gallon container. Place total amount of OFF-SHOOT-O in container. Add water slowly while thoroughly mixing until product thins and turns cloudy. This mixture is now ready to add to spray tank. Add cool water to required level. Agitate or recirculate to help obtain uniform spray mixture.

Notice

The use of concentrations or application techniques other than those described above may result in injury to the plants. Please follow the above instructions carefully.

Neither The Cochran Corporation, nor the seller, makes any representation or warranty, express or implied, as to this product other than that contained on the label thereon, and buyer assumes all responsibility of personal injury, property damage, or other loss resulting from use, handling or storage of the product and accepts and uses the material in these conditions.

PRECAUTIONARY STATEMENT HAZARDS TO HUMANS (& DOMESTIC ANIMALS) CAUTION

Keep out of the reach of children. In case of eye contact, flush with plenty of water. Avoid inhalation of mist. Do not apply this product in such a manner as to directly, or through drift, expose workers or other persons. The area being treated must be vacated by unprotected persons.

ENVIRONMENTAL HAZARDS

Keep out of lakes, ponds, or streams. Do not contaminate water by cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

RE-ENTRY STATEMENT

Do not enter treated areas without protective clothing until sprays have dried.

STORAGE AND DISPOSAL

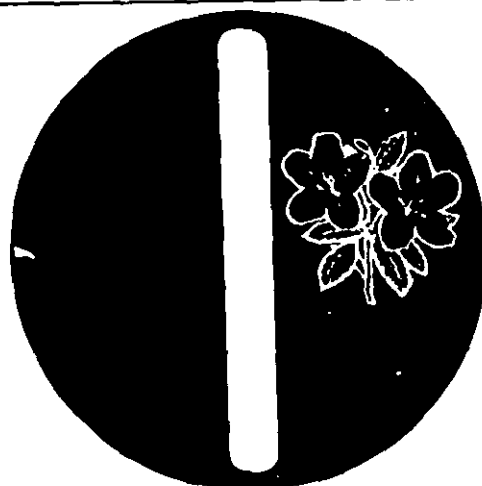
Storage: Store in a clean dry area where glass containers will not be broken. Keep container closed. If leakage or spills occur, avoid splashing concentrated product in eyes. Excess product may be soaked up with absorbent material and incinerated when permitted. Wash area with soap and water, rinse and allow to dry. Wastes resulting from the use of the product may be disposed of on site or in an approved waste disposal facility. Do not contaminate water, food or feed by storage or disposal.
Container Disposal: Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by other approved State and local procedures.

ACCEPTED

DEC - 4 1987

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under No. 57552-1

OFF-Shoot-O®



Chemical Pinching Agent for Ornamentals*

U.S. Patent 3,820,712 *For Use on Azaleas, Camellias, Juniper, Ligustrum, Rhamnus, and Taxus

CAUTION:

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See side panel for additional precautionary statement.

Contents:

Active Ingredients

Methyl Esters of Fatty Acids

C₁₂-C₁₈ 45%
(C₁₂ 4%, C₁₄ 56%, C₁₆ 38%, C₁₈ 2%)

Inert Ingredients 55%

Weight of Active Ingredients: 3.72 lbs. per gallon

Sold by **The Cochran Corporation**

2227 DEADRICK AVE. MEMPHIS, TN 38114-0603

EPA Registration No. 57582-1

EPA Est. 4091-TN-3

Net Contents: 1 U.S. Gallon

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Application

1. Apply as a fine spray until the leaves glisten. Avoid spraying excess but be sure covered. Do not respray plants; one spray is necessary.
2. Try several different concentrations of concentration for the variety being sprayed in the morning; (b) check results in the morning of spraying; however, the plant for spraying the following day.
3. If an adjustment in spray concentration within 24 hours unless OFF-SHOOT-O is respraying, be sure to test the new concentration.
4. Plants are most responsive to OFF-SHOOT-O growth stage. It is, therefore, suggested in the morning of spraying; however, the plant for spraying the following day.
5. OFF-SHOOT-O should be applied at 2 result in slower application rate and larger.
6. To avoid foliar damage, spray from the plants when using pump-up sprayers, using power spray equipment.
7. If you cannot cover bed in one pass, plants already sprayed will not be retreated.
8. For plants sprayed in a greenhouse, check the possibility of foliar burn.
9. Allow OFF-SHOOT-O to remain in the watering.
10. (a) Do not mix with other chemicals; apply other sprays within 48 hours of trees should additional wetting agent or (b) Do not apply OFF-SHOOT-O following insecticides and fungicides or other been thoroughly washed from the plants.
11. Temperature — Recommended dosage: the temperature is in the 60-85°F. range.
12. Timing of Application — OFF-SHOOT-O direct contact with the tips of actively growing application can be very important branched plant.

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Colemanster	2-3 oz / qt	Plants are actively growing	New shoots are 1"-2"
Juniper	3-5 oz / qt	Plants in state of vigorous growth	New shoots are less than 1"
Ligustrum	3-5 oz / qt	Plants in state of vigorous growth	New shoots are 1"-2"
Phormium	1.5-3.0 oz / qt	Plants are actively growing	New shoots are 1"-3"
Taxus	2-4 oz / qt	Plants are actively growing	New shoots are 1"-1 1/2"

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How to Mix

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Note:

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STORAGE AND DISPOSAL

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Container Disposal: Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by other approved State and local procedures.