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SPURGE X

BLOOM THINNER FOR FRUIT TREES AND
KILLS SPURGE IN DICHONDRA LAWNS (also kills oxalis)

ACTIVE INGREDIENT:

Ammonium Thiosulfate.....	55%
INERT INGREDIENT.....	45%
Total	<u>100%</u>

GUARANTEED ANALYSIS

Nitrogen, Ammonic..... 9%
Sulfur, Combined.....18%

Active ingredient and guaranteed analysis is
derived from Ammonium Thiosulfate.

CAUTION

KEEP OUT OF REACH OF CHILDREN
STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink promptly a large quantity of milk, egg white, gelatin solution, or if these are not available, large quantities of water. Avoid alcohol. Do not give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

IF IN EYES: Immediately flush eyes with plenty of water for at least 15 minutes, and get medical attention.

IF ON SKIN: Remove contaminated clothes and shoes, immediately wash skin with soap and water. Get medical attention if irritation persists.

See Back Label For Other Precautions
READ ENTIRE LABEL

EPA REG. NO. 9499-1

EPA EST. No. 08002CA01

ACCEPTED

NET CONTENTS _____

~~the COMMENTS~~
In EPA Letter Dated

FEB 8 1996

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

9499-1

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Avoid contact with skin, eyes or clothing. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists.

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 resistance category selection chart.

Applicators and other handlers must wear: Long-sleeved shirt and long pants, chemical-resistant gloves, such as Barrier Laminate or Butyl Rubber \geq 14 mils, Nitrile Rubber \geq 14 mils, Neoprene Rubber \geq 14 mils, Polyvinyl Chloride (PVC) \geq mils or Viton \geq 14 mils, shoes plus socks.

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 clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
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ENVIRONMENTAL HAZARDS

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 when disposing of equipment washwaters.

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.

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 green houses, 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 the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: Coveralls, chemical-resistant gloves, such as Barrier Laminate or Butyl Rubber \geq 14 mils, Nitrile Rubber \geq 14 mils, Neoprene Rubber \geq 14 mils, Polyvinyl Chloride (PVC) \geq mils or Viton \geq 14 mils, shoes plus socks.

NON-AGRICULTURAL 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, nurseries, or greenhouses. Keep children and pets out of the treated areas until sprays have dried.

DIRECTIONS FOR USE- Cont'd

APPLES - FRUIT THINNING (Fuji, Gala, Granny Smith and Red Delicious varieties)

To reduce fruiting during the season of use and to increase fruit size, apply Spurge X at 1.3 to 1.8 gallons per acre in 100 to 400 gallons spray per acre at 80% of full bloom in a ground airblast sprayer, spraying each row. The amount of water to use will depend on tree size; use more volume on larger trees. Addition of a surfactant is not necessary. Concentrate applications are not recommended. Double spraying and excessive drift over treated trees should be avoided to prevent excessive thinning. Accurate calibration of spray equipment is absolutely essential for satisfactory thinning results. In orchards where bloom is staggered (some trees not yet in full bloom and others past full bloom) thinning may be decreased.

Use the lower rate of application if hot weather is expected. High temperatures may cause excessive thinning, foliage burn and/or twig burn if the high rate of application is used. Rain within 24-48 hours following spray applications may reactivate surface residues causing excessive thinning. Avoid spraying in unsettled weather conditions or consider using a reduced rate of 10-20% to compensate for increased thinning from rewetting activity. The amount of rate reduction is suggested as a guide, greater rate reduction may be needed. Each user will need to develop local experience and over or under thinning may occur until this experience is developed.

Response may vary with variety, rate and application timing. Apply only to trees greater than three years old! Do not use less than 100 gallons spray as a dilute spray on small trees and do not exceed 1.8 gallons of formulated material per acre, per year. Grower experience will determine the best rate, timing and volume necessary to obtain the desired response for any individual orchard. For additional information, consult your local experiment station specialist, distributor, or the National Chelating Company specialist in your area.

SPURGE - A CONCENTRATED FOLIAGE SPRAY THAT KILLS SPURGE (also kills oxalis):

To kill spurge in dichondra lawns, water the lawn the day before use. Do not water again for at least 24 hours. Be sure foliage is dry at time of application. Mix 4 oz. per gallon of water per 100 square feet of area to be treated. The addition of a good spreader-sticker is recommended. Use pressure type tank sprayer. Hose-end garden sprayers or water cans are not effective and should not be used. Leaves must be thoroughly saturated. Apply to dichondra lawns when temperatures are in

the mid-seventies (SPURGE X will not work at temperatures below 72°). Above 80°, at time of use, may cause severe temporary damage to dichondra foliage. Bladegrass lawn, up to 95°. Bladegrass lawns can tolerate this up to 95°. Tip burn will usually recover in a week or two. It can be used on young dichondra. Do not use in new bladegrass lawns until at least three mowings. Repeat as necessary every 10 days to two weeks. If you do get regrowth, repeated treatments will cause the roots to die. This chemical is biodegradable and beneficial to most plants after going down into the soil. It will not prevent seeds from germinating. If possible, weeds should be killed before they go to seed, thus reducing future infestations. Do not apply immediately after mowing. Wait for new growth to the lawn and weeds before use. Works best in sunlight rather than shade or cloudy conditions.

STORAGE AND DISPOSAL

STORAGE: Keep container closed when not in use. Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE DISPOSAL: Pesticide spray mixture or rinsate that cannot be used or chemically reprocessed should be disposed of according to procedures approved by Federal, State or Local Disposal Authorities.

CONTAINER DISPOSAL: Reseal container and offer for reconditioning, or triple rinse (or equivalent) and offer for bury in a safe place. Consult Federal, State or Local Disposal Authorities for approved alternative procedures.

NOTICE

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and /or handling is contrary to label instructions.