

100-501

10/03/1975

Supracide® 2E
EPA Reg. No. 100-501
Proposed Label Revisions

ACCEPTED
OCT 3 1975
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 100-501

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General Information

Supracide 2E is an emulsifiable concentrate which, when diluted with water according to the Directions for Use given below, will control certain insect pests and mites on agricultural crops.

Do not enter treated fields the same day of application. Wear adequate protective clothing during the preparation of spray mixture, during application, and when entering treated fields. Wash thoroughly before eating and at the end of each day's operation. Change clothing daily.

NOTE: The California Department of Agriculture has set a temporary 30-day reentry interval for Supracide on grapefruit and oranges. Thirty days must lapse between the time of application and the time a worker may enter the field to engage in any activity requiring substantial contact with treated foliage. The 30-day interval is considered temporary until a more definitive reentry study can be conducted under California conditions and guidelines.

Directions for Use

Alfalfa (pure stands or stands containing clover or grass)

Apply at the rates listed below in a minimum of 10 gals. of water per acre for ground application or 2 gals. of water for aerial applications. Foliage applications for alfalfa weevil and Egyptian alfalfa weevil control should be made to standing alfalfa when 20-30% of the growing tips show feeding damage. Stubble applications should be made immediately following a cutting. For the other insects listed on alfalfa, apply when insects first appear. Apply only one stubble application and one foliage application per alfalfa cutting.

Alfalfa weevil, Egyptian alfalfa weevil*, aphids, leafhoppers*, lygus bugs*, and spittlebugs**: Apply 2-4 pts. per acre (Southern States, apply 3-4 pts. per acre).

* Pacific and Intermountain States only.

** Northeastern U.S. only.

California only: Egyptian alfalfa weevil and pea aphid - use 1-2 pts. where integrated control is practiced. Apply as above. When Egyptian alfalfa weevil larval counts exceed 20 per sweep use the 2 pt. rate only.

Note: To avoid injury to pollinating insects, do not apply during bloom. Do not apply within 10 days of harvesting or feeding to livestock.

California only: Use only on alfalfa grown for seed. Do not use treated crop for feed or hay or graze treated fields with livestock.

Cotton

Apply at the rates listed below in a minimum of 10 gals. of water per acre for ground application, or 3 gals. of water per acre for aerial application. Primarily for the control of spider mites and lygus bugs (Arizona, California only). Bollworms and boll weevils present at the time of application will be controlled. If necessary, repeat applications may be made at 5-7 day intervals.

Spider mites, lygus bug (Arizona, California only), boll weevil, bollworm - apply 4 pts. per acre when mite foliar feeding symptoms are present (feeding symptoms are red and yellow speckling of the leaves) or lygus bugs first appear.

Note: Do not make more than three applications per year. Do not apply after bolls begin to open, or within 60 days of harvest. Do not graze treated cotton plants or feed gin waste to livestock.

Oranges and Grapefruit

- California - California red scale
- Texas - California red, brown and chaff scale
- Florida - Black, chaff, Glovers, purple, snow, and yellow scales; white flies

Apply 1-2 pts. per 100 gals. of dilute spray. For best results, apply in postbloom and/or summer sprays. Thorough coverage is essential for good control. A second application may be made if necessary. Allow at least 45 days between applications. Severe infestations may require treatment at both times. Use the low rate for light to moderate infestations, and the high rate for heavy infestations.

Alternately (Florida and Texas Only), maintenance applications during periods of low level infestations.

- Florida - chaff, Glovers, purple, snow, and yellow scale - $\frac{1}{2}$ -1 pt. per 100 gals. of dilute spray.
- black scale, white flies - 1 pt. per 100 gals. of dilute spray.
- Texas - California red and chaff scale - $\frac{1}{2}$ -1 pt. per 100 gals. of dilute spray.
- brown scale - 1 pt. per 100 gals. of dilute spray.

Do not apply more than 40 pts. per acre per treatment. The minimum amount of Supracide 2E applied per acre is dependent on the number of trees per acre and on tree height. Example: Mature trees of normal foliations require at least the height (in feet) of the tree plus 5 gals. of water for adequate coverage. Eighty trees per acre, 20 ft. tall, require $80 \times 25 (20 + 5) = 2,000$ gals. of dilute spray per acre.

NOTE: Do not graze treated areas. Do not make more than 2 applications per growing season and do not apply within 14 days of harvest.

Nursery Stock - For Professional Use Only

Apply at the rate listed below in a thorough cover spray to run-off. Thorough coverage and timing of application are essential for effective control.

Apply once per season after scale crawlers have hatched. Apply either in early spring, April-May, (when lilac is in full bloom) for spring-generation crawlers, or in summer, June-July, for second generation summer crawlers. The summer spray will also control pine tortoise scale if present (when golden chain tree is blooming).

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Pines (Scotch, Mugho, Red) - Northeast U.S. (including Ohio)

Pine needle scale - Apply 2 pts. per 100 gals. of water.

Supracide® trademark of CIBA-GEIGY
for methidathion
U.S. Patent Nos. 3,230,230 and 3,240,668

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