

[1386-206]-2 pages



ROTENONE SPRAY POWDER

INGREDIENTS

ACTIVE INGREDIENTS
Rotenone
Other Cube Resins
INERT INGREDIENTS

5%
10%
85%

TOTAL

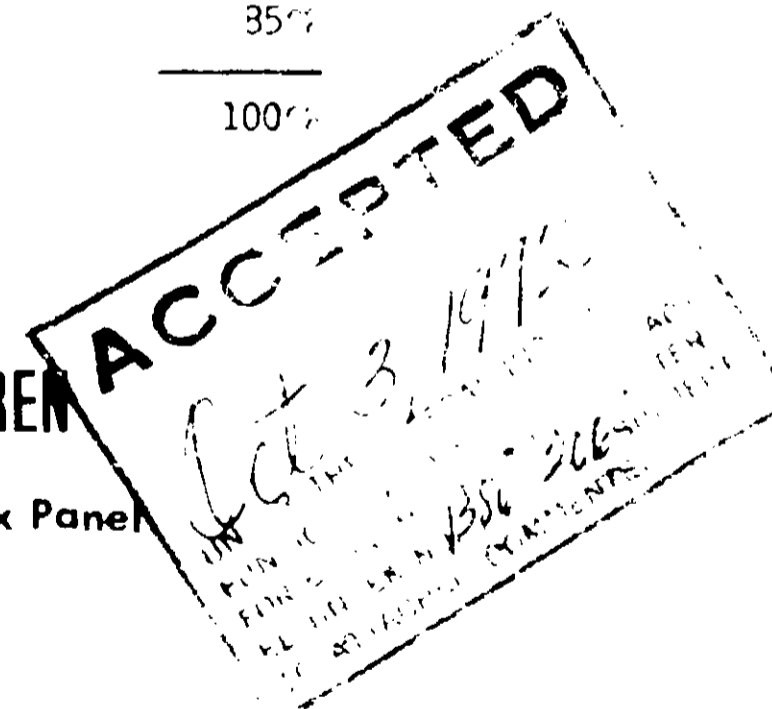
100%

CAUTION

KEEP OUT OF REACH OF CHILDREN

See Remainder of CAUTION Statement on Back Panel

EPA Reg No 1386-206



NET WEIGHT

4 POUNDS

FC-431-D862

PROD. 1507

DISTRIBUTED BY
UNITED CO-OPERATIVES, INC.
ALLIANCE, OHIO 44501

[186-206]-1

UNICO Rotenone Spray Powder

Mix powder in water and put on in a spray. Some rotations are listed below. The following are listed in **BEANS, CUCUMBERS, MELONS, SQUASH, TOMATOES, POTATOES, EGGPLANT, CABBAGE, BROCCOLI, AND CAULIFLOWER** — To control Mexican bean beetle and bean leaf beetle on beans, cucumber beetles on cucumbers, melons, and squash, Colorado potato beetle on potatoes, and cabbage caterpillars and flea beetles on cabbage and cauliflower. Use 3 to 5 pounds per acre in the quantity of water required for irrigation (10 to 15 gallons per gallon per 500 sq. ft.) and apply spray thoroughly with particular attention to the undersides of leaves. Begin applications when the insects first appear or as soon as they do. **DO NOT APPLY WITHIN 1 DAY OF HARVEST.**

FISH — To kill fish in ponds, lakes or preimpoundment treatment of streams. The amount of rotenone to use depends on purpose, kinds of fish, and water temperature and depth. The following is a general guide:

Type of Use	Part Per Million (ppm)	Equivalent Volume of Water
Selective Treatment	0.001	1000
Normal Pond Use	0.01	100
Remove Bullheads or Carp	0.1	10
Remove Bullheads or Carp in such impoundments	0.25	4
Preimpoundment treatment above dam	0.25	4

Accurate determination of the volume of water to be treated is essential in determining the amount of rotenone to apply. Volume usually is figured in acre feet, which is the volume of water having an area of one acre and a depth of one foot.

For UNICO Rotenone Spray Powder, 2.7 pounds of powder will treat one acre foot of the mixture per acre foot of water. The pounds to use may be determined by multiplying the acre feet to be treated times the parts per million of the rotenone mixture required per acre foot.

Although some lakes have been treated successfully at water temperatures as low as 45 F., best results may be expected when water temperature is in range of 60 to 70 F.

It is very important that rotenone be applied to bottom of pond or lake, and not just to the water treated.

Application may be made to the surface of the water by pouring the powder from a bag and trailing each bag behind a boat until all the powder has been worked out of the bag. The powder may be premixed with sufficient water to form a slurry and then poured into the water to a depth of water. In case of deep water.

SPECIAL INSTRUCTIONS — Water alkalinity, temperature, and other factors may affect the action of rotenone. Because these factors change the effectiveness of rotenone, consult your State or Federal Fish and Game representative before use to determine the amount and type of rotenone product needed for the type kill desired.

Essential fish will not enter through the skin. Avoid contact with skin. Do not use rotenone in contact with sensitive watered animals. Avoid contact with sensitive aquatic life, such as shellfish, frogs, and tadpoles.

Do not allow animals to drink the spray solution or milk if it is used in a pond. Do not allow drinking of water.

Do not use this product for killing fish without first obtaining permission from your State Fish Authorities. Do not apply when weather conditions favor the spread of the rotenone to areas where ranches, lakes, or other water bodies are used for irrigation purposes.

To allow for determination of rotenone in the water, collect samples from the pond 2 to 3 weeks after treatment. A line test is to be used to determine the amount of rotenone in the deepest part of the pond for 24 hours. If fish are killed, rotenone is present. If no fish are killed, no rotenone is noted from further tests.

DESTROY EMPTY CONTAINERS — Do not reuse the container in any way. Do not burn, as the container is highly flammable. Do not dump in a water body. The container should be disposed of by burning in a metal drum or by incineration in a smoke stack.

Use only for the purposes and applications with the rotenone listed on the label.

EC-43, 59987

1956-1957

