

2000/2001

CLOAK®

Contains carbathiin, thiram and lindane.

A dual purpose seed treatment for the control of flea beetles, seed rot, damping-off or seedling blight and early season root caused by Pythium, Rhizoctonia and Alternaria of mustard, cabbage, cauliflower, broccoli, rutabagas and brussels sprouts. Also controls seed borne Blackleg of mustard. For protection of seeds and emerging seedlings only.

SEED PROTECTANT LIQUID

NET CONTENTS: 1000 LITRES

AGRICULTURAL

GUARANTEE:

Carbathiin	45 g/L
Thiram	90 g/L
Lindane	533 g/L

REGISTRATION NO. 22121 PEST CONTROL PRODUCTS ACT

READ THE LABEL BEFORE USING

DANGER

POISON

UNIROYAL CHEMICAL CO.

25 Erb Street

Elmira, ON N3B 3A3

24 HOUR EMERGENCY PHONE: (519)744-3060

MUSTARD:

CLOAK is a liquid dual purpose seed treatment for the control of flea beetles, seed rot, damping off or seedling blight and early season root rot caused by Pythium, Rhizoctonia and seed borne Blackleg of mustard. For protection of seeds and

emerging seedlings only.

DIRECTIONS FOR USE

CROP	Rate in mL/kg seed	Rate mL/25 kg seed	100 L container treats
MUSTARD	22.5 mL	562 mL	4,444 kg

CLOAK treated seed does not require drying after treating and can be packaged into jute, paper or fibre reinforced plastic bags.

COLE CROPS: (cabbage, cauliflower, broccoli, rutabagas and brussel sprouts).

CLOAK may be used to protect direct seeded cole crops from flea beetles. For cabbage, cauliflower, broccoli, rutabagas and brussel sprouts only, treat seed at a rate of 22.5 mL or 31 grams of product per kg of seed prior to seeding. Ensure that product is uniformly mixed before using. Place seed in a clean glass or plastic jar not more than 1/3 full. Add required product to surface of seed, close jar and shake vigorously with a swirling motion until product is uniformly distributed on seed. Seed should be uniformly blue, dry and free flowing with minimal traces of product left on the walls of the jar. Treat as close to seeding as practical.

Do not store treated seed from cole crops (cabbage, cauliflower, broccoli, rutabagas and brussel sprouts). Under high flea beetle pressure a foliar insecticide may be required. Check crop daily after emergence.

READ THE ENTIRE PRODUCT LABEL BEFORE USING.

METHOD OF APPLICATION:

Prior to and during application, CLOAK must be THOROUGHLY AGITATED to ensure uniform mixing of the product. Due to the viscosity of the material, it should be kept above 10°C prior to and during application.

USE LIMITATIONS:

1. DO NOT USE TREATED SEED FOR FEED, FOOD OR OIL PROCESSING.
2. Do not contaminate feed or foodstuffs.

3. Do not graze or feed livestock on treated area for four weeks after planting.
4. Do not contaminate ponds, lakes or streams.
5. Treated seed must be labelled as follows: "This seed has been treated with CLOAK Seed Protectant (contains carbathiin, thiram, and lindane). Do not use on feed, food or oil processing."
6. Treated mustard seed stored for periods in excess of 9 months may decrease in germination at a faster rate than untreated seed. Treated seed stored for more than 9 months should be tested for germination before planting. Do not store treated seed from cole crops (cabbage, cauliflower, broccoli, rutabagas and brussel sprouts).
7. Do not store treated seed above 25°C or in direct sunlight.

PRECAUTIONS:

1. KEEP OUT OF REACH OF CHILDREN.
2. When handling CLOAK and treated seed work in well ventilated area.
3. DO NOT GET onto skin. Use butyl rubber gloves when handling CLOAK or treated seed. In case of contact wash with warm water and soap.
4. DO NOT GET into eyes. The operator is advised to wear goggles to protect eyes from possible splashing. In case of contact with eyes, flush immediately with running water and seek medical attention.
5. Because of possible unpleasant side effects, alcoholic beverages should be avoided for 24 hours before or after working with CLOAK or treated seed.

SYMPTOMS OF POISONING: Apprehension, twitching, tremors and convulsions. Skin contact may cause irritation and dermatitis. Alcohol intake within 24 hours of contact with thiram may cause flushing, sweating, headache and nausea.

FIRST AID:

IF SWALLOWED: Induce vomiting by giving the patient syrup of IPECAC (adult or child 12 years or older, 30 mL; child under 12, 15 mL) followed by water to enhance vomiting. Keep patient quiet, contact a Poison Control Centre or seek medical attention IMMEDIATELY and bring the labelled container with you.

IF IN EYES: Wash immediately with running water for 15

minutes. Obtain medical attention or call a Poison Control Centre.

IF ON SKIN: Wash with warm water and soap for 15 minutes.

TOXICOLOGICAL INFORMATION:

NOTE TO PHYSICIANS: There is no specific antidote. If swallowed, induce vomiting with SYRUP OF IPECAC or INTUBATE the stomach. If convulsions are present, DIAZEPAM is the anticonvulsant of choice. Treat as solid organochlorine pesticide poisoning. If reaction with alcohol occurs treat as disulfiram-alcohol reaction.

STORAGE AND DISPOSAL:

Storage of CLOAK at low temperatures is not recommended.

STORAGE: Store product in original container only, away from other pesticides, fertilizer, food or feed. Keep container closed.

DISPOSAL:

1. For instructions on cleaning and return of 1000L tote tanks, contact UNIROYAL CHEMICAL Co. Do not reuse tote tanks for any other purpose.
2. For information on the disposal of unused, unwanted product and the cleanup of spills, contact the Provincial Regulatory Agency or the Manufacturer.

NOTICE TO USER:

This control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act to use a control product under unsafe conditions.

NOTICE TO BUYER:

Seller's guarantee shall be limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

Registered Trade Mark of UNIROYAL CHEMICAL Co.

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