

COUMAPHOS 25% WETTABLE POWDER ANIMAL INSECTICIDE

FOR CONTROL OF GRUBS, SCREW-WORMS, HORN FLIES, LICE AND TICKS ON CATTLE, GOATS, SHEEP, HORSES, SWINE AND POULTRY.

ADVANTAGES OF COUMAPHOS 25% WETTABLE POWDER

- Kills grubs inside animals while they are young before they have a chance to damage meat or hides.
- Can be applied by spray or dip method.
- One application will give effective louse control through the entire problem season.
- One application will give screw-worm control for 10 to 20 days.

ACTIVE INGREDIENTS:

0, O-Diethyl 0-3-chloro-4-methyl-oxo-(2H)
-1-benzopyran-7-yl phosphorothioate 25.0%

INERT INGREDIENTS: 75.0%
TOTAL 100.0%

EPA REG. NO. 2749-131

NET WEIGHT _____

WARNING: KEEP OUT OF THE REACH OF CHILDREN.

POISONOUS IF SWALLOWED, INHALED OR ABSORBED THROUGH THE SKIN. DO NOT BREATHE DUST OR SPRAY MIST. USE WITH ADEQUATE VENTILATION AND PROTECTIVE CLOTHING. AVOID CONTACT WITH EYES, SKIN, THROAT AND NOSE. IN CASE OF CONTACT, WASH THOROUGHLY WITH SOAP AND WATER. WASH CONTAMINATED CLOTHING WITH SOAP AND HOT WATER BEFORE REUSE.

IF POISONING OCCURS, GET PROMPT MEDICAL AID

NOTE TO PHYSICIAN: PROLONGED EXPOSURE WILL RESULT IN CHOLINESTERASE DEPRESSION. ANTIDOTE IS ATROPINE SULFATE. PAM IS ALSO ANTIDOTAL AND MAY BE ADMINISTERED IN CONJUNCTION WITH ATROPINE.

KEEP AWAY FROM DOMESTIC ANIMALS AND FOODSTUFFS. THIS PRODUCT IS TOXIC TO FISH, WILDLIFE AND BIRDS. KEEP OUT OF ANY BODY OF WATER. DO NOT APPLY WHEN WEATHER CONDITIONS FAVOR DRIFT FROM AREAS TREATED. DO NOT APPLY WHERE RUNOFF IS LIKELY TO OCCUR. DO NOT CONTAMINATE WATER BY CLEANING OF EQUIPMENT OR DISPOSAL OF WASTES. APPLY THIS PRODUCT ONLY AS SPECIFIED ON THIS LABEL.

DO NOT REUSE EMPTY CONTAINER. DESTROY EMPTY CONTAINER BY PERFORATING OR CRUSHING AND BURYING IN A SAFE PLACE.

Coumaphos 25% Wettable Powder INSECTICIDE is a cholinesterase inhibitor. Do not use this product on animals simultaneously or within a few days

before or after treatment with or exposure to other cholinesterase inhibiting drugs, pesticides or chemicals. ATROPINE IS ANTIDOTE. Consult veterinarian at first sign of any adverse reaction. The present warning against use in conjunction with oral drenches of phenothiazine, etc. should be retained.

GENERAL DIRECTIONS

Coumaphos 25% Wettable Powder mixes easily with water forming a suspension which is readily usable with spray equipment. To insure uniform suspension during use, maintain adequate agitation in spray tank.

Application for cattle grub control: Treatment with Coumaphos 25% Wettable Powder can be made at any time during the grub season; however for best results, treat early in the grub cycle. Treat as soon as possible after activity of heel fly has ceased and preferably at least 6 weeks before expected appearance of grubs in the back. Treatments made near or during the time grubs appear in the back will destroy the grubs but considerable damage will have already occurred. Spray treatments or treatments should be applied so that the skin, not just the hair, becomes thoroughly wet. Spray pressures of 250 to 350 lbs. per square inch are recommended. Operate box-type spray chutes at maximum pressure for thorough overall wetting and penetration.

SPRAY TREATMENT for listed Ectoparasites (except cattle grubs); Coumaphos 25% Wettable Powder gives residual control of ectoparasites on livestock and poultry. Repeat applications are only necessary when insects reappear and constitute a problem.

DIP TREATMENT for grubs, lice, hornflies, ticks, keds, fleeceworms: Charge the dip vats with accurate concentration with exact quantity and Coumaphos 25% Wettable Powder and water specified. Mix suspension thoroughly before each use. Once dip vats are charged, they will not require analysis or vat-side tests to determine strength. The passage of animals through the vat does not change the strength of remaining suspension. Just replace evaporation with water or add appropriate amount of Coumaphos 25% Wettable Powder for rainfall or added water. Continue to use vat until accumulation of debris makes it unsuitable for further use. NOTE: Make sure access to drinking water is available to animals prior to dipping as you should not dip excessively thirsty animals.

Do not treat lactating dairy animals.

Do not treat animals that are less than 3 months old.

Do not treat convalescent or stressed livestock.

Do not treat non-lactating dairy animals within 14 days of freshening. If freshening should occur within 14 days after treatment, do not use milk as human food for the balance of the 14 day interval.

Do not treat animals for 10 days before or after shipping or weaning, or after exposure to contagious and infectious diseases.

Do not treat over-heated animals.

Do not treat in a confined, non-ventilated area.

Do not use in conjunction with oral drenches or other internal medications, such as Phenothiazine or with natural or synthetic pyrethroids or their synergists, or with other organic Phosphates.

Do not use on dogs, cats or other household pets.

DIRECTIONS FOR USE:

Apply specific dosage as recommended in "Remarks" column. Do not apply to lactating dairy cattle.

DIRECTIONS FOR USE

ANIMAL	PARASITE	POUNDS COUMAPHOS 25%WP	REMARKS
Cattle	Grubs	12 to 16	SPRAY TREATMENT: Apply specified dosage in 100 gals. of water as a high pressure spray to wet the skin, not just the hair, of the animal. Use the higher recommended rate in northern areas or for late fall applications when long hair coats make thorough wetting of the skin difficult.
	Grubs Screw-worms	8	SPRAY TREATMENT(S): Apply specified dosage in 100 gals. of water as a high pressure spray to wet the skin, not just the hair, of the animal. Repeat as necessary. For grub control, 2 applications per season are required. The applications should not be more than 3 months apart. The second application should be soon after heel fly activity has ceased.
	Grubs	8	DIP TREATMENT: Mix specified dosage per 100 gals. of water. Agitate dip suspension thoroughly prior to each use to assure uniform treatment.
	Horn flies Lice	2	SPRAY OR DIP TREATMENT: Apply specified dosage in 100 gals. of water for complete wetting to run-off. Agitate dip suspension thoroughly prior to each use to assure uniform treatment. Repeat as necessary.
Goats Sheep	Ticks	4	
	Horn flies Lice	2	SPRAY OR DIP TREATMENT: Apply specified dosage in 100 gals. of water for complete wetting. Treat thoroughly all wounds and injuries. Repeat as necessary, but not within 15 days of slaughter.
	Fleeceworms Keds Ticks Screw worms	4 4 8	SPRAY TREATMENT: Apply specified dosage in 100 gals. of water for complete wetting to run-off. Thoroughly treat all wounds and injuries. Repeat as necessary.
	Horn flies Lice	2	DIRECT APPLICATION: Apply specified dosage in 5 gals. of water as a low pressure spray using approximately 1 gal. per 100 sq. ft. of area. Individual birds may be treated with about 1/2 oz. of the spray. Supplementary control can be obtained by treatment of the housing. (See Below). Repeat as necessary but not more than once weekly. Do not spray poultry within 10 days of vaccination or other stress influences.
Horses Swine	Horn flies Lice	2 2	
	Ticks Screw worms	4 8	
Poultry (Chickens, Ducks, Geese & Turkeys)	Northern fowl mite Lice	13 ounces 6 ounces	
	Flies Lice Northern fowl mite Poultry red mite	16 ounces	LITTER & HOUSING TREATMENT: Apply specified dosage in 5 gals. of water for thorough coverage of litter, walls, ceilings, floor roasts, nests, and adjacent areas. Force spray into all cracks and crevices using approximately 1 gallon per 1000 sq. ft. of area. Repeat as necessary.

Manufactured For:

ACETO CHEMICAL CO., INC.
AGRICULTURAL CHEMICALS DIVISION

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