

1956 Field and Forage Crop Pest Control

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CONTROL OF PESTS OF FIELD AND FORAGE CROPS—1956

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Entomology

Crops	Pest	Control
Soybeans Foliage Pests	Grape colaspis	Apply 5% DDT dust at 10 to 15 lbs. per acre or an equivalent amount of spray. ¹
	Bean leaf beetle	
	Spotted cucumber beetle	
	Japanese beetle	
	Southern armyworm	
	Green clover worm	Use DDT as suggested above or 10% toxaphene dust at 10-15 lbs. per acre or an equivalent amount of spray. ¹
	Velveteen caterpillar	
	Fall armyworm	
	Grasshoppers	
	Mexican bean beetle	
	Blister beetles	Dust plants and field margins with 20% toxaphene ¹ or 2½% aldrin ² at 10-12 lbs. per acre or apply an equivalent amount of spray.
Bloom and Pod Pests	Bean leaf beetle	As for foliage pests
	Spotted cucumber beetle	
	Thrips	
	Corn earworm	Toxaphene or DDT as for foliage pests or 1.5% dieldrin dust at 10 to 15 lbs. per acre or an equivalent amount of spray. ³
		Dust with 10% DDT or 20% toxaphene at 10-15 lbs. per acre or apply an equivalent amount of spray. ¹ Direct nozzles into pod area.
Other Pests	Lesser cornstalk borer	Apply DDT as for earworm in late August as preventive ¹
Peanuts Foliage Pests	Spotted cucumber beetle	DDT at ¾ to 1 lb. per acre ¹
	Southern armyworm	
	Green clover worm	
	Velveteen caterpillar	
	Leafhoppers	
	Corn earworm	10% DDT or 20% toxaphene dust at 10-15 lbs. per acre or an equivalent amount of spray. ¹
	Fall armyworm	
	Thrips	
		Apply granular aldrin to the soil surface after emergence as for rootworms; or treat foliage with DDT at ¾ to 1 lb. actual per acre or toxaphene at 1½ lbs. actual per acre.
Soil Pests	Southern corn rootworm	Aldrin at 2 lbs. per acre, heptachlor at 1½ lbs. per acre or toxaphene at 20 lbs. per acre applied to the row shortly after plant emergence.
	Lesser cornstalk borer	Apply DDT as for corn earworm in late August as preventive. ¹
Forage Crops and Pastures Foliage Pests	Spittlebugs	Cut hay as soon as it is practical.
	Alfalfa weevil	
	Fall armyworm	
	Leafhoppers	
	Corn earworm	
	Webworms	
	"True" armyworm	
	Dust or spray with toxaphene ¹ as for fall armyworm or scatter poison bran bait across line of march in late afternoon. To prepare bait add: 4 lbs. Paris green or white arsenic or chlordane 50% wettable powder or toxaphene 50% wettable powder to 100 lbs. of bran and add enough water (8 to 12 gals.) to form a crumbly mass.	
Pea aphid	Cut hay as soon as it is practical or apply 4% malathion dust at 25 lbs. per acre or an equivalent amount of spray. ⁴	
Grasshoppers	Dust plants and field margins with 20% toxaphene ¹ or 2½% aldrin ² at 10-12 lbs. per acre or apply an equivalent amount of spray.	

Control of Pests of Field and Forage Crops—(continued)

Crops	Pest	Control
Soil Pests	Grubs	Apply parathion at 1 lb. (actual) per acre or aldrin at 2 lbs. (actual) per acre or chlordane at 4 to 6 lbs. (actual) per acre. Keep livestock off for at least 2 weeks, or longer if material is still visible.
	White fringed beetle	Apply DDT ¹ at 10 lbs. (actual) per acre or dieldrin ² at 4 lbs. (actual) per acre to soil.
Small Grains	Greenbug	Apply adequate nitrogen, permitting plants to outgrow injury. Where adequate N has not been supplied, parathion at $\frac{1}{4}$ lb. (actual) or malathion at 1 lb. (actual) may be applied. ⁴
	Armyworms	Dust or spray with toxaphene at 2 to 3 lbs. per acre. ¹
	Spittle bugs	Apply lindane at $\frac{1}{4}$ lb. per acre. ⁴
	Hessian fly	Sow late enough in the fall so that wheat will not be up until after flies have emerged and died. A map showing planting dates may be obtained from the Extension Entomologists.
Milo	Chinch bugs	Spray with dieldrin at $\frac{1}{2}$ lb. per acre
	Corn earworm	Use DDT at 1 to 2 lbs. (actual) or toxaphene at 2 to 4 lbs. (actual) per acre. ¹
"Growing" Corn Root pests	Southern corn rootworm	Dust 5% DDT, 2½% aldrin, 1 1/2% dieldrin, or 2 1/2% heptachlor at 30 lbs. per acre into the furrow at time of planting. Soil treatment ahead of planting, as described under "wireworms" also effective. Seed treatment with DDT or lindane may be helpful.
	Wireworms	Use aldrin, 2 lbs., dieldrin 1½ lbs., or heptachlor, 2 lbs. per acre disked well into soil ahead of planting, clear ground of surface debris before treating. Some control possible with seed treatment with 75% lindane if infestation is light. Heavier dosages of soil poisons may be advisable on heavier soils.
	Cutworms	Use soil treatment as described under wireworms. Some control possible by dusting or spraying corn with these same insecticides.
Young corn	Budworms (Fall armyworms and corn earworms)	Dust 5% or 10% DDT at 15 lbs. per acre directly on the row.
	"True" armyworm	Dust or spray with toxaphene at 2 to 3 lbs. per acre or use bait as described under "Forage crops."
	Fall armyworm	Dust with 5% DDT at 15 lbs per acre or equivalent amount in spray form.
	Flea beetles	Use soil poisons as described above under "Growing" corn-root pests. Some control possible by dusting or spraying with indicated insecticides. In billbug infested fields, do not plant corn after corn.
	Billbugs Cutworms	Use soil poisons as described above under "Growing" corn-root pests. Some control possible by dusting or spraying with indicated insecticides. In billbug infested fields, do not plant corn after corn.
	Chinch bugs	Spray with dieldrin at $\frac{1}{2}$ lb. per acre.

To avoid the hazard of insecticide residues, the crop treated should not be grazed or harvested for utilization as forage within:

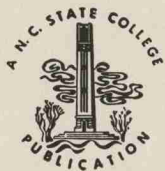
¹ 60 days after treatment (for toxaphene or DDT)

² 3 weeks after treatment (for aldrin)

³ 45 days after treatment (for dieldrin)

⁴ 2 weeks after treatment (heptachlor, lindane, parathion, malathion)

⁵ 1 week after treatment (for methoxychlor)



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