

AGRICULTURAL EXTENSION SERVICE
WASHINGTON STATE UNIVERSITY
PULLMAN, WASHINGTON

Extension Work in Agriculture and Home Economics in Cooperation with U. S. Department of Agriculture

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E. M. 2109

1962 POTATO INSECT CONTROL CALENDAR FOR EASTERN WASHINGTON

CROPS: Field Crops

1962 POTATO INSECT CONTROL CALENDAR*

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1962

by

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Month	Pests that treatment may be required for	Possible damage if soil or crop is not treated	Insecticide and amount of active ingredient	Time or frequency of application
October to April	WIREWORMS	Worms kill seed and infest the tubers	DDT or Dieldrin or Aldrin	10 lbs. Apply broadcast and thoroughly mix 2 lbs. in top 6-9 inches of soil. Repeat 5 lbs. every 3 to 7 years when worms average 2 per square foot.
	FLEA BEETLES	Adults injure leaves. Worms damage tubers.	Aldrin, or Dieldrin	5 lbs. Apply to soil of fields in areas 2 lbs. where damage has previously occurred.
June to August	APHIDS	Reduce yields, indirect cause of NET	Thiodan, or Endrin	1 lb. Start June 15 and continue every 2 9 ozs. weeks to at least August 1. Apply Endrin with tractor-drawn equipment. Do not apply Endrin within 3 days of harvest.
May to June	CUTWORMS	Cut off plants below and above ground.	DDT Endrin	2 lbs. Apply to soil and foliage when cutworms first appear. 9 ozs.
June to August	LYGUS BUGS	Adults cause top leaves to wilt and die.	DDT or Parathion or Thiodan	2 lbs. Apply to foliage as needed; bugs 12 ozs. migrate when alfalfa hay is cut or 1 lb. weed die from drought. Do not apply parathion within 5 days of harvest.
June to October	LEAFHOPPERS	Can reduce yields or spread virus diseases.	DDT or Parathion or Thiodan	1 1/2 lbs. Start about June 15, or when leafhoppers first appear, and continue 12 ozs. every 10 days as needed. Do not apply parathion within 5 days of harvest.

1962 Potato Insect Control Calendar**

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Month	Pests that treatment may be required for	Possible damage if soil or crop is not treated	Insecticide and amount of active ingredient to apply per acre	Time or frequency of application
July to October	IRIS WHITEFLY	Larvae weakens plants.	DDT or Thiodan	1 1/2 lbs. Start about July 1, or when adults first appear, and continue every 10 days as needed. 1 lb.
July to August	THRIPS	Adults & larva scar lower side of leaves.	Aldrin, or DDT	1/2 lb. Apply to foliage when thrips have started noticeable injury. 1 1/2 lbs.
May to August	COLORADO POTATO BEETLE	Adults & larva strip plants & lower yield.	Dieldrin or DDT or Thiodan	1/2 lb. Apply to foliage when larvae outnumber egg masses & repeat when necessary. Destroy black nightshade. Do not apply dieldrin within 3 days of harvest. 1 1/2 lbs. 1 lb.
July to August	BLISTER BEETLES	Adults ravenously consume the leaves.	DDT or Parathion	1 1/2 lbs. Apply control measures to foliage quickly--treat only infested areas. Do not apply parathion within 3 days of harvest. 12 ozs.
July to September	GRASSHOPPERS	Insects devour leaves & stems.	Aldrin or Toxaphene	6 ozs. Apply to adjacent, infested, uncultivated land or 3-foot border of field. 1 1/2 lbs.
July to August	SPIDER MITES	Mites kill leaves. Web leaves with silk.	Parathion-sulfur or Trithion or Kelthane	*12 ozs. Apply to foliage when mites appear or not later than start of damage. 1 lb. *12 ozs. parathion with sulfur dust. 1 lb. Do not apply parathion within 5 days of harvest.

**Do not feed tubers from fields with soil treatments of DDT, Dieldrin or Aldrin to lactating cows.