

17068 NEW WAYS TO CONTROL INSECTS. Nelson,  
Stuart O. (Dept. of Agriculture, Washington, D. C.). Farm,  
Ranch, Home Quart., No. 132, 15-16 (Summer 1966).

The use of electromagnetic, sonic, and ultrasonic energy to control insect pests is discussed. Gamma and x radiation were used to eradicate the screwworm and the melon fly after administration of doses sufficient to cause reproductive sterilization. Insect light traps were used to control the tobacco hornworm populations. Grain beetles were killed by  $\gamma$  rays, radiofrequency electric fields or infrared radiation without damaging effects to the nutritional qualities of the grain. The possibility of using sound and ultrasound for insect control through influencing behavior is suggested.

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✓ Glaser