

## ENTOMOLOGY

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### ABSTRACT

**Test of Some New Insecticides for Control of Red Clover Insects.** RAY T. EVERLY, Purdue University.—Five insecticides which had not been tested previously for control of the Meadow spittlebug, *Philaenus leucophthalmus* (L.), in Indiana, were applied as emulsions to red clover plots with a low-gallonage, low-pressure small plot sprayer. The insecticides tested included Guthion, Dipterex, Chlorthion, X7744 (an aryl urethane), X8305 (a substituted thianophosphate), and lindane. Lindane gave excellent control with Guthion almost equally effective. X8305 also showed promise. This is the first indication that an organic phosphate insecticide would control the spittlebug. The other insecticides were ineffective. Guthion also showed the best control of the lesser clover leaf weevils, *Hypera nigrirostris* (F.) and *H. meles* (F.), as measured by the numbers of damaged buds per 100 stems. X7744 also indicated some value against these insects. Better timing and slightly higher dosages were indicated.