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Some Observations on the effect of E 58 powder (*Bacillus thuringiensis* Berliner) on *Malacosoma neustria* L. (Lepid.)

by

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(Summary)

Some preliminary experiments with E 58 powder, derived from the strain E 58 of *Bacillus thuringiensis* were done with tent caterpillars (*Malacosoma neustria*). Sprays with 0.25 and 0.5% powder gave 80 to 90% mortality after 10 to 13 days of the second, third and fourth larval stages. The results were obtained after feeding with sprayed food; less effect was obtained by spraying the caterpillars only. The susceptibility of all stages was about the same. The larvae stopped feeding almost immediately after treatment.

The same effect was found in out-door experiments in large cages round about small apple trees.

Though no great expectations should be based on these very preliminary results, it is clear that continuation of these experiments must be encouraged.

The E 58 powder is a highly specific insecticide which is absolutely harmless to all animals and plants, so far tested, save some species of Lepidopterous larvae.

Ruil. De heer Boro MIHLJEVIC, Sarajevo, Skenderija 24a, Jugoslavia, biedt vlinders uit zijn land (vooral *Erebia* en andere dagvlindersoorten) en Coleoptera (*Procerus gigas* en *Aphodius conjugatus*) in ruil aan tegen soorten uit de genera *Papilio*, *Thais*, *Doritis*, *Par-nassius*, *Colias* en andere. Correspondentie in de Duitse taal. — LPK.