

## EFFECTS OF SOME PHOSPHOROUS INSECTICIDES ON SUGAR BEET MOTH(1) IN ESFAHAN AREA

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Sugar beet moth is a microlepidoptera which its larva feeds on crown and pedicles of sugar beet, and reduces the yield and percentage of sugar in roots.

It is studied in 1975 and 1976, the lost of caused by this pest has been 2.36 – 3.80 tons roots per hectare and 0.5 – 1.15% in sugar content.

The insecticides which have been used are:

- a) Gusathion E.C. 20% at a rate of 3 Kg/ha
- b) Dimecron E.C. 20% at a rate of 3 Kg/ha
- c) Diazinon E.C. 60% at a rate of 1.25 Kg/ha

The sampling is done in three times 3,5 and 9 days after spraying. As the statistical calculations show,

- 1) There is not significant difference between used insecticides, in three days after spraying.
- 2) In five and nine days after spraying the Diazinon is better than others.

### References

- RIVNAY, E., 1962: Field crop Pests in the Near East. – pp. 367 – 369 Netherlands.  
TALHOUK, A.M.S., 1969: Insects and Mites Injurious to Crops in Middle Eastern Countries. – pp. 160 – 162, Hamburg.

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