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PRELIMINARY STUDIES ON THE FIG FRUITFLY (Carpophilinaea
aristella BECK.) IN WESTERN PART OF IRAN (1)

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SUMMARY

In Sahneh this insect has four generations per year. The first generation occurs when the first fruits appear on the shoots of the year before. These fruits are exclusively attacked by the larvae of the first generation, while the larvae of the second, third and fourth generations attack the fruits appeared on the newly grown shoots.

This insect overwinters in the pupal stage, in the first 4 to 8 Cm in the soil. In the region of Sahneh, up to 70 per cent of the fig crop may be lost due to this insect.

The ripe fruits when attacked rot on the tree while the young fruits fall to the ground. We have observed up to nine larvae in a fruit.

The insect seems to prefer the variety "Black" while the other variety of the region "Yellow" is somewhat less susceptible (See the tables in Farsi text).

(1) - Received for publication February 24, 1982.

(2) - Eng. Valiollah Ghadiri, Plant Pests and Diseases
Laboratory, P. O. Box 190, Bakhtaraan, Iran.

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- TALHOUK, A.M., 1969. Insects and Mites Injurious to Crops
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