

DOSSE, G., 1967. Shadmilben des Libanons und ihre Pradators. **Z. angew. Ent.** 59: 16-48.

KHALIL - MANESH, B., 1973. Phytophagous mite fauna of Iran. **Ent. Phyto. Appl.** 35: 30-38; **Pub. Inst. Rech. Ent. et Phyto.** Evine, Tehran (in Farsi).

McMURTRY, J.A., 1977. Description and biology of **Typhlodromus persianus** n. sp., from Iran, with notes on **T. kettanehi** (Acari: Mesostigmata: Phytoseiidae). **Ann. Ent. Soc. Am.** 70: 563-568.

McMURTRY, J.A., 1977. Some predaceous mites [Phytoseiidae] on citrus in the Mediterranean region. **Entomophaga**, 22 (1): 19-30.

MUMA, M.H. 1955. Phytoseiid (Acarina) associated with citrus in Florida. **Ann. Ent. Soc. Am.** 48: 262-272.

MUMA, M.H., 1967. New Phytoseiidae (Acarina: Mesostigmata) from southern Asia. **Fla. Ent.** 50: 267-280.

NESBITT, H.H.J., 1951. A taxonomic study of the Phytoseiinae (family Laelaptidae) predaceous upon Tetranychidae of economic importance. **Zool. Verhandl.** 12: 64pp.

PORATH, A. and E. Swiriski, 1965. A survey of phytoseiid mites (Acarina: Phytoseiidae) on citrus with a description of one new species Israel. **J. Agr. Res.** 15: 87-100.

SCHUSTER, R.O. and A.E. Pritchard, 1963. Phytoseiid mites of California. **Hilgardia** 34: 191-285.

SEPASGOZARIAN, H., 1977. The 20 years research of acarology in Iran. **J. Ir. Soc. Eng.** 56: 40-50 (in Farsi).

WAINSTEIN, B.A., 1959. A new subgenus and species of the genus **Phytoseius** Ribaga, 1902 (Phytoseiidae, Parasitiformes). **Zool. Zh.** 38: 1361-1365. (in Russian).

WAINSTEIN, B.A., 1962. Some new predatory mites of the family Phytoseiidae (Parasitiformes) of USSR fauna. **Ent. Obozr.** 41: 230-240 (in Russian).

WAINSTEIN, B.A. and E.S. Arutunjan, 1967. New species of predatory mites from the genera **Typhlodromus** Scheuten and **Paraseiulus** Muma (Parasitiformes, Phytoseiidae). **Zool. Zh.** 46: 1764-1770. (in Russian).

POSSIBILITY OF POPULATION REDUCTION OF CODLING MOTH WITH THE CONTROL OF THE FIRST GENERATION IN IRAN (1)

GH. RADJABI (2), N. DASTGHEYB—BEHESHTI (3),
F. AKRAMI (4) and H. BAYATASSADI (5)

SUMMARY

The possibility of controlling the codling moth with two insecticide sprays against the first generation was tested during two consecutive years in different regions with different altitudes (from 130 m. up to 1950 m.).

The first spray was applied immediately after the first penetrations on the fruits were observed and the second spray at an interval of 15 days. The insecticide used was Emulsion 20% of Gusathion (Refer to the Table 1 in Farsi text).

According to the results obtained:

1— In altitudes where codling moth has, at most, two generations, the early insecticide sprays against the first generation appear to be able

(1)- Submitted for publication May 31, 1979.

(2)- Dr. Gholamreza Radjabi, Plant Pests and Diseases Research Institute, P.O. Box 3178, Tehran, Iran.

(3)- Eng. Nahid Dastgheyb-Beheshti, Plant Pests and Diseases Research Laboratory, P.O. Box 419, Esfahan, Iran.

(4)- Eng. Firooz Akrami, Plant Pests and Diseases Research Laboratory, P.O. Box 237, Tabriz, Iran.

(5)- Eng. Hooshang Bayatassadi, Plant Pests and Diseases Research Laboratory, P.O. Box 179, Gorgan, Iran.