

DISTRIBUTION of *Heterodera schachtii* AND OTHER CYST FORMING NEMATODES IN SUGARBEET GROWING AREAS OF FARS AND KOHKILUYEH (1)

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SUMMARY

Different sugarbeet plantations of 6 sugar factories of Fars and Kohkiluyeh were surveyed to determine the frequency of infestation to *H. schachtii* and other cyst forming nematodes. According to our observations, all sugarbeet growing regions of the 5 sugar factories (Marvdasht, Fassa, Pars, Mamassani and Yasuj) were infested with *H. schachtii*, whereas, the sugarbeet growing regions of Eghlid sugar factory were not infested with this nematode (Fig. 1). *H. schachtii*, *H. trifolii*, *H. iri*, *H. avenae* group, *H. galeopsidis*, *H. Latipons*, and *H. sp.* also were observed in the region (Fig. 2).

REFERENCES

BAERMANN, G., 1917 Eine einfache Methode Zur Auf findung Von Ankylostomum (Nematoden) larven in Erdproben Geneesk. Tijdschr. Ned indie 57,131-137.

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DERN, R., 1961. Tagungsber. Arbeitsgemeinschaft. Pflanzensch. und Bodenkult. im zuckerrubenbau, Heidelberg, 3-8.

FENWICK, D.W. 1940. Methods for recovery and counting of cysts of *H. schachtii* from soil. J. Helminth, 18: 155-177.

MULVEY, R.H., 1972. Identification of *Heterodera* cysts by terminal and cone top structures. *Canad. J.-Zool.* 50: 1277-1292.

TALATSCHIAN, P., A. Akhiani, Z. Grayeli, M. Shahmohammadi and F. Teymoori, 1976. Survey on cyst forming nematodes in Iran in 1975 and their importance. *Iran. J. plant path.* 12:42-43

THORNE, G. 1961. Principles of nematology. MC Graw-Hill Book Co. Inc., New York 553pp.