

SITOPHILUS ORYZAE (L) **IN GUILAN (CASPIAN COASTAL PROVINCE)¹**

A. HABIBIAN²

SUMMARY

S. oryzae is the predominant insect pest of stored rice in the stores and silos of Guilan. This insect has five generations in the conditions of the stores in this region.

The effect of fairly high degrees of heat and colds as well as that of Sodium Chloride in different concentrations have been tested on the pest to see if they are able to diminish the population level (For further details refer to the Tables in Farsi text prepared in both Farsi and English languages).

REFERENCES

- COGBURN, R. R., 1974. Detia Ex - B for phosphine fumigation in sacked milled rice. Jour. Econ. Ent. 67 (3), pp : 436 - 438.
- COGBURN, R. R., 1977. Susceptibility of varieties of stored rough rice to losses caused by storage insects. J. Stored Products Res., 13 : 29 - 34.
- KAMALY, K., 1980. Pests control in rice (in Farsi).
- KIRKPATRICK, R. L., BROWER, J. H., TILTON, E. W., & BROWN ,

1 - Received for publication, June 6, 1985 .

2 - Eng. Abdolhamid Habibian, P. O. Box 133, Plant Pests and Diseases Research Laboratory, Bandar - Anzali, Iran.

- G. A., 1973. Gamma and microwave radiation to control the rice weevil in wheat.
- KIRKPATRICK, R. L., 1975. Infra - red radiation for control of lesser grain borers and rice weevil in bulk wheat. J. Kansas Ent. Soc., 48 (1), pp : 100 - 104.
- MACELJSKI, M. & KORUNIC, Z., 1972. A contribution to knowledge of the mechanism of the inert dusts on insects. Pl. Prot.
- MUTHU, M. & AHMED, M., 1973. Performance of a dichlorovos based insecticidal vapour strip in the infested ware houses. Inter. Pest. Cont. 15 (8).
- MUTHU, M. & SRINATH, D., 1974. Toxicity of Methyl iodide to the adults of five beetles from stored products. J. Stored Prod. Res., 10, 65 - 66.
- SEPASGOSARIAN, H., 1966. Storage pests of Iran and their control. Tehran Univ.
- YOUSHIDA, T., 1982. Stored product insect pests and their control. J. Rice Prot., Part II, pp : 100 - 133.