



Ministry of Jihad-e Agriculture
Agricultural Research and Education Organization

APPLIED
ENTOMOLOGY and PHYTOPATHOLOGY

Publication of
Plant Pests and Diseases Research Institute

ISSN 0013-8800

Feb.2004
Vol.71, No.2

Subject	Page
1. Expression of coat protein gene of potato virus Y necrotic strain in <i>Nicotiana tabacum</i> cv. Samsun. R. POURRAHIM, A. AHOONMANESH, H. HASHEMIE and S. ZEINALI	1
2. Effects of buprofezin, pyriproxyfen and fenpropathrin on the reproductive parameters of <i>trialeurodes vaporarionem</i> Westwood (Hom.:Aleyrodidae). A. HEIDARI, S. MOHARRAMPOUR, A. A. POORMIRZA and A. A. TALEBI	5
3. An investigation on factors affecting seed dormancy in wild oat (<i>Avena ludoviciana</i> Durieu). H. SALIMI, M.L. GHORBANLY	9
4. Fumigant toxicity and repellency of the essential oil of <i>Artemisia aucheri</i> on four species of stored pest. J. SHAKARAMI, K. KAMALI, S. MOHARRAMPOUR and M. MESHKATALASDAT	11
5. Investigating efficacy of flaming compared to common methods of weed control in seeded onion fields. P. SHIMI and A. FAGHIIH	15
6. Evaluation of soybean (<i>Glycine max</i> L.) and some weed species growth indices under competition condition. H. SADEGHI, M. A. BAGHESTANI, GH. A. AKBARI and A. HEJAZI	17
7. A study on biology of <i>sitophilus oryzae</i> (Coleoptera : curculionidae) on five local rice cultivars of Mzandaran province. H. ASSEML, E. BAGHERI ZENOUS, M. SHOJAI and M.E. JAFARI	21
8. Bioclimatological study of termite fauna of Iran. R.GHAYOURFAR and A.KHALILI	25
9. Comparison of several methods for detection and quantification of β -exotoxin in commercial <i>Bacillus thuringiensis</i> products. R. MARZBAN and M. TAJBAKSH	27
10. Short reports	31

**APPLIED
ENTOMOLOGY and PHYTOPATHOLOGY**

Vol.71, No. 2, Feb. 2004

Published by : Plant Pests and Diseases Research Institute, Tehran, Iran

Editor-in- Chief : G. A. Abdollahi

Edotorial board:

Dr. M. Ghazavi, Chief editor

Dr. M. Arbabi, Secretary

Dr. A. Ahoonmanesh, Dr. G. A. Abdolahi, Dr. M. Damadzadeh, Dr. E. Ebrahimi,

Dr. M.A. Baghestani, Dr. A. Kharazi Pakdel, Dr. A. Kheiri, Dr. J. Mohaghegh Neishaboori,

Dr. K. Talebi

Reviewers of current volume :

G.A. Abdolahi, A. Ahoonmanesh, A. Alizadeh, F. Alinia, H. Ariavand, H. Asgari, J. Asghari, M. Baghestani, S. Fatemi, K. Izadpanah, K. Kamali, J. Khajehali, A. Kharazi Pakdel, F. Kocheili, M. Koochi, H. Lessani, A. Maroof, R. Marzban, N. Moazami, J. Mohaghegh Neishaboori, K. Moosavi, P. Mostofi, G. Noori Ghonbalani, S. Oroomchi, A. A. Poormirza, M. Mahmoodi-Poosti, H. Rahimian, M. H. Rashed Mohassel, H. Roohani, G. Sabahi, M. H. Safaralizadeh, A. Sahragard, E. Soleimannejadian, R. Shamsbakhsh, A. Sheikhi, A. A. Talebi, K. Talebi

Computer- aided typing:

Plant Pests and Diseases Research Institute

R. Hajikhani, S. Yoonessi

Printing and binding:

Press of the Deputy for Training
and Academic Relations, Agricultural Research
and Education Organization

Address:

Plant Pests and Diseases Research Institute

P. O. Box 1454, Tehran 19395, Iran

Tel : +98-21-2406794

Fax : +98-21-2403691