



Ministry of Agriculture  
Agricultural Research, Education and Extension Organization

**APPLIED  
ENTOMOLOGY and PHYTOPATHOLOGY**

Publication of  
Plant Pests and Diseases Research Institute

ISSN 0013-8800

Feb-Aug. 1998  
Vol. 66, No : 2 & 1

<b>Subject</b>	<b>Page</b>
1. Expression of potato virus X coat protein gene in transgenic potato. <b>H. HASHEMI, N. SHAHRAEEN and N. DOMANSKY</b> .....	1
2. Study of the total protein changes on the first leaves of two wheat cultivars infected with <i>Puccinia striiformis</i> . <b>M. BEHROZIN and A. SHARIFI TEHRANI</b> .....	4
3. On the <i>Isometopus</i> species of Iran. <b>R. E. LINNAVUORI; M. A. SARAFRAZI and R. HOSYNI</b> .....	6
4. Geographical dissemination of fireblight disease in Iran. <b>N. HASSANZADEH</b> .....	11
5. Effect of some organic amendmets on the density of nematodes associates with garlic. <b>ALY KHAN and S. SHAHID SHAULKAT</b> .....	13
6. Study of root and stem rot of black locust trees in Tehran and Semnan provinces. <b>M. MIRABOLFATHY and D. ERSHAD</b> .....	19
7. Effect of different temperatures of the development of <i>Scymnus syriacus</i> . <b>M. S. EMAMI, A. SAHRAGARD and S. HAJI-ZADEH</b> .....	21
8. Comparison of infestation levels of cereal stem sawfly <i>Cephus pygmaeus</i> L., on six advanced pure line of bread wheat. <b>E. V. GHADIRI</b> .....	23
9. Economic threshold level priods of <i>Empoasea decipiens</i> on different varieties of cotton in Varamin. <b>H. JAVAN-MOGHADAM and P. NOORI</b> .....	25
10. Study on reproductive biology and test on several rodenticides against <i>Spermophilus fulvus</i> . <b>A. SH. VAZIRI</b> .....	28
11. The study on seed dormancy of wild oats in different burial depths of soil. <b>H. SALIMI and J. ANGADJI</b> .....	30
12. The plant nematode fauna of cultivated soil of East-Azarbaijan, Ardbil and Moghan. <b>S. BAROUTI</b> .....	32
13. Biological and ecological features of harmful species of <i>Aelia</i> in cereal growing areas of Iran. <b>G. RADJABI</b> .....	36
14. Morphological and Enzymatic study of the genus <i>Trichogramma</i> in Iran. <b>E. EBRAHIMI, B. PINTUREAU and M. SHOJAI</b> .....	39
15. Short reports .....	43

**APPLIED**  
**ENTOMOLOGY and PHYTOPATHOLOGY**

Vol. 66, Nos. 2 & 1 Feb-Aug, 1998

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

**Editor-in-Chief:** Dr. E. Behdad

**Editorial board:**

Dr. M. Abai, Chief Editor

Eng. M. Ghazavi, Secretary

Dr. A. Ahoonmanesh; Dr. N. Hassanzadeh; Dr. A. Khari; Dr. A. Kharazi-Pakdel; Dr. N. Shahaen; Dr. Gh. Abdollahi

**Reviewers of this volume:**

M. Abai; G. A. Abdolahi; A. Ahmadi; A. Ahoonmanesh; A. Alizadeh; H. B. Assadi; P. Azmyesh Fard; Z. Banihashemi; SH. Barooti; M. Daniali; M. Darvish; M. Falahati Rastgar; A. Farid; M. Ghazavi; J. Habibi; N. Hassanzadeh; A. Hosseini; A. Hosseini Nejad; M. Izadyar; A. R. Karimi; A. Kharazi Pakdel; A. Kheiri; D. Mazaheri; A. Mazaheri; M. Modares Aval; H. Rahimian; G. Rajabi; M. Safavi; N. Shahraini; J. Shahrokhi; M. Shojaii; F. Termeh; M. Torabi; Zakeri

**Computer-aided typing:**

Plant Pests and Diseases Research Institute

M. Mojdehi, M. Atazadosaltan and SH. Arablo

**Printing and binding:**

Press of the Deputy for Training

and Academic Relations, Agricultural Research,

Training and Extension Organization

**Address:**

Plant Pests and Diseases Research Institute

P. O. Box 1454, Tehran 19395, Iran

Tel. + 98-21-2403012, 2403013, 2403014, 2403015, 2403016,