

PLANT PROTECTION BULLETIN

Bitki Koruma Bülteni

Volume 66

Number 2

April - June 2026

ISSN 0406-3597

E-ISSN 1308-8122



Published by Plant Protection Central Research Institute Ankara, Turkey

TAGEM JOURNALS

Owner

Assoc. Prof. Dr. Ayşe ÖZDEM
Plant Protection Central Research Institute, ANKARA

Editor in Chief

Dr. Aynur KARAHAN
Plant Protection Central Research Institute, ANKARA

Section Editors

- Dr. Abdullah Emre ATIŞ, Plant Protection Central Research Institute, Türkiye
Assoc. Prof. Dr. Ali ÇELİK, Abant İzzet Baysal University, Türkiye
Dr. Arzu AYDAR, Plant Protection Central Research Institute, Türkiye
Dr. Aydemir BARIŞ, Plant Protection Central Research Institute, Türkiye
Dr. Aynur KARAHAN, Plant Protection Central Research Institute, Türkiye
Assoc. Prof. Dr. Ayşe ÖZDEM, Plant Protection Central Research Institute, Türkiye
Assoc. Prof. Dr. Birol AKBAŞ, Ministry of Agriculture and Forestry, Türkiye
Prof. Dr. Christos ATHANASSIOU, University of Thessaly, Greece
Prof. Dr. Çiğdem ULUBAŞ SERÇE, Niğde Ömer Halisdemir University, Türkiye
Prof. Dr. Doğan IŞIK, Erciyes University, Türkiye
Dr. Emel ÇAKIR, Plant Protection Central Research Institute, Türkiye
Dr. Emine Burcu TURGAY, Field Crops Central Research Institute, Türkiye
Assoc. Prof. Dr. Emre EVLİCE, Sivas Bilim ve Teknoloji University, Türkiye
Assoc. Prof. Dr. Emre İNAK, Ankara University, Türkiye
Prof. Dr. Francisco Ochoa CORONA, Oklahoma University, USA
Prof. Dr. Göksel ÖZER, Abant İzzet Baysal University, Türkiye
Doç Dr. Gülten YAZICI, Plant Protection Central Research Institute, Türkiye
Dr. Hale GÜNAÇTI, Sivas University of Science and Technology, Türkiye
Prof. Dr. Hüseyin BASIM, Akdeniz University, Türkiye
Dr. İstem BUDAK, Plant Protection Central Research Institute, Türkiye
Prof. Dr. John VONTAS, University of Athens, Greece
Dr. Kamil DUMAN, Plant Protection Central Research Institute, Türkiye
Prof. Dr. Mahmut TÖR, University Of Worcester, England
Prof. Dr. Mehmet Bora KAYDAN, Çukurova University, Türkiye
Prof. Dr. Miray SÖKMEN, Ondokuz Mayıs University, Türkiye
Assoc. Prof. Dr. Mustafa ALKAN, Yozgat Bozok University, Türkiye
Prof. Dr. Mustafa IMREN, Abant İzzet Baysal University, Türkiye
Dr. Münevver KODAN, Uşak University, Türkiye
Dr. Nursen ÜSTÜN, Bornova Plant Protection Research Institute, Türkiye
Assoc. Prof. Dr. Özgür BATUMAN, University of Florida, USA
Prof. Dr. Reza FARSHBAF, University of Tebriz, Iran
Dr. Sirel CANPOLAT, Plant Protection Central Research Institute, Türkiye
Prof. Dr. Tamer ÜSTÜNER, Kahramanmaraş Sütçü İmam University, Türkiye
Dr. Tülin SARIGÜL ERTEK, Plant Protection Central Research Institute, Türkiye
Prof. Dr. Umut TOPRAK, Ankara University, Türkiye
Dr. Victor FURSOV, Schmalhausen Institute of Zoology, Ukraine
Dr. Vildan BOZKURT, Plant Protection Central Research Institute, Türkiye
Dr. Zühal SAÇTI, Plant Protection Central Research Institute, Türkiye

Language Editors

- Assoc. Prof. Dr. Birol AKBAŞ, Ministry of Agriculture and Forestry, Türkiye
Dr. Arzu AYDAR, Plant Protection Central Research Institute, Türkiye
Dr. Abdullah Emre ATIŞ, Plant Protection Central Research Institute, Türkiye
Dr. Tülin SARIGÜL ERTEK, Plant Protection Central Research Institute, Türkiye
Sevgi COŞKAN, Plant Protection Central Research Institute, Türkiye

Proofreaders

- Assoc. Prof. Dr. Yasemin GÜLER, Plant Protection Central Research Institute, Türkiye
Dr. Yasemin SABAHOĞLU, Plant Protection Central Research Institute, Türkiye

Layout Editors

- Dr. Kamil DUMAN, Plant Protection Central Research Institute, Türkiye
Ali Ferhan MORCA, Plant Protection Central Research Institute, Türkiye

Aims and Scope

Plant Protection Bulletin has been published by Plant Protection Central Research Institute since 1952. The journal is published four times a year with original research articles in English or Turkish languages on plant protection and health. It includes research on biological, ecological, physiological, epidemiological, taxonomic studies and control methods of disease, pest, weed, and natural enemies that cause damage in plants and plant products. In addition, studies on residue, toxicology and formulations of plant protection products and plant protection machinery are also included. Article evaluation process is based on double blind referee system and published as open access. Annual biological studies, short communication, first report and compilations do not publish in the journal.

Abstracted/indexed by EBSCOhost, CAB Abstracts, Clarivate Analytics-Zoological Record, TR-Dizin.

Plant Protection Bulletin is quarterly publication of the Directorate of Plant Protection Central Research Institute on behalf of General Directorate of Agricultural Research and Policies.

Correspondence Address : Zirai Mücadele Merkez Araştırma Enstitüsü Müdürlüğü

 Gayret Mahallesi Fatih Sultan Mehmet Bulvarı No.66 PK 49 06172 Yenimahalle, Ankara / TÜRKİYE

 +90 (0312) 344 59 93 (4 lines)

 +90 (0312) 315 15 31

 bitkikorumabulteni@zmmae.gov.tr

 <http://dergipark.gov.tr/bitkkorb>

Grafik Tasarım : Melike VAROL GÜLÜM

Printing: Tarım ve Orman Bakanlığı - Eğitim ve Yayın Dairesi Başkanlığı İvedik Caddesi Bankacılar Sokak No: 10
Yenimahalle, Ankara Türkiye

Tel: (0312) 315 65 55 - Fax: 0312 344 81 40

E-Posta : yayin@tarim.gov.tr

Contents / İçindekiler

Original araştırmalar (Original articles)

Population density and prevalence of *Polyphagotarsonemus latus* (Banks) on tea-producing areas (*Camellia sinensis* (L.) O. Kuntze) in Rize, Türkiye 104

Türkiye Rize ili çay (*Camellia sinensis* (L.) O. Kuntze) üretim alanlarındaki *Polyphagotarsonemus latus* (Banks)'un popülasyon yoğunluğu ve yaygınlığı

Heval DİLER, Zuhale SAÇTI, Gülten YAZICI, Cenk YÜCEL, Aydemir BARIŞ, Reyhan SEKBAN

Classical morphological identification keys for Aphididae (Hemiptera) species in fruit orchards 115

Meyve ve bağlarda Aphididae (Hemiptera) türlerine yönelik klasik morfolojik tanımlama anahtarları

Işıl ÖZDEMİR, Ayşe ÖZDEMİR

Biological control of Fusarium wilt in *Phalaenopsis* orchids by *Trichoderma harzianum* isolates 128

Phalaenopsis orkidelerinde Fusarium solgunluğunun *Trichoderma harzianum* izolatları ile biyolojik kontrolü

Serap GÜNER, Hülya ÖZGÖNEN ÖZKAYA

Determination of *Puccinia striiformis* f.sp. *tritici* races of wheat in İzmir and Manisa provinces in Türkiye 139

İzmir ve Manisa illerinde buğdayda sarı pas ırklarının belirlenmesi

Güliz TEPEDELEN AĞANER, Figen YILDIZ

Evaluation of the response of some rice varieties to rice blast disease under growth room and field conditions 148

Bazı çeltik çeşitlerinin yetiştirme odası ve tarla koşulları altında çeltik yanıklık hastalığına tepkilerinin değerlendirilmesi

Melis SEİDİ ARSLAN, Rasim ÜNAN, Aziz KARAKAYA, Halil SÜREK

Weed flora of cultivated sage (*Salvia officinalis* L. and *Salvia fruticosa* Mill.) in Türkiye 158

Türkiye'de yetiştirilen adaçayı (*Salvia officinalis* L. ve *Salvia fruticosa* Mill.) tarım alanlarının yabancı ot florası

Esra CIGNITAS, Fatma UYSAL BAYAR, Tuba BESEN, Kadriye YUKSEL, Yasin Emre KITIS

The feeding performance of *Psyllobora vigintiduopunctata* (L.) (Coleoptera: Coccinellidae) on cucurbit powdery mildew, *Erysiphe cichoracearum* (DC.) (Helotiales: Erysiphaceae) 170

Psyllobora vigintiduopunctata (L.) (Coleoptera: Coccinellidae)'nın Kabakgillerde külleme hastalığı *Erysiphe cichoracearum* (DC.) (Helotiales: Erysiphaceae) üzerindeki beslenme performansı

Furkan YALÇIN, Selma ÜLGENTÜRK, Mehmet Salih ÖZGÖKÇE