



TURJAF

12(s4): 2024



SPECIAL ISSUE BY
TARGID 2024 CONGRESS

Turkish Journal of Agriculture - Food Science and Technology
International Peer-Reviewed Journal | ISSN: 2148-127X
www.agrifoodscience.com



Vol. 12 No. s4 (2024): Special Issue by TARGID 2024 Congress

Research Paper

Research of the Effect of Basil Plant Extract (*Ocimum basilicum odoratum*) Used as a Spray during Incubation of Chukar Partridge (*Alectoris chukar*) Eggs

Demirel Ergün, Atilla Taşkın, Fatma Ergün

2749-2757

The Biopotential of Bacterial Bioagents Isolated from Compost in Suppressing *Botrytis cinerea* and *Sclerotinia sclerotiorum*

Özden Salman, Raziye Koçak, Züleyha Endes Eğribaş

2758-2763

Investigation of the Bioactive Compounds of Wild Grown Prickly Pear (*Opuntia ficus-barbarica A.Berger*) Fruits and Peels in the İskenderun Region

Fatma Ergün

2764-2769

Improved Tomato Varieties and Farm Size: Major Determinants of Level of Output of Tomato Crop in Ondo State, Nigeria

Olanrewaju Oladoyin

2770-2776

Improvement of *Bacillus subtilis* Natto Viability by Alginate and Xanthan Gum as a Wall Material

Han Le, Ly Vo, Nhi Kieu, Thuy Dang, Dong Lieu

2777-2782

Type Traits of Primiparous Holstein-Friesian and Red-Holstein Cows Raised Together in a Farm in Aydın Province

Frederic Ndihokubwayo, Atakan Koç

2783-2788

Investigation of the Effects of Agricultural Waste and Nitrogen Doses on Corn Plant

Songül Çiftçi Sakin, Leyla İdikut, Duygu Uskutoğlu, Mustafa Yıldırım

2789-2796

Evaluation of Linear Type Traits of Simmental (Fleckvieh) Cattle in a Private Farm in Karacabey District of Bursa Province

Nazif Uzun, Atakan Koç

2797-2805

Examination of Open Green Areas in Terms of Human Health and Psychology

Ruhugul Ozge Gemici

2806-2810

Examination of Environmental Awareness of Students Studying in Landscape Architecture Departments

Ruhugul Ozge Gemici

2811-2816

Effect of Honeydew Secreted by *Aphis gossypii* Glover (Hemiptera: Aphididae) on Fungal Growth

Gülay Olcabey Ergin, Yunus Bozkurt, Gizem Başer, Elif Yürümez Canpolat, Gazi Görür, Ayten Öztürk

2817-2822

Review of Research on School Gardening

Burçin Aysu, Oğulcan Aral, Neriman Aral

2823-2831



Impact of Foliar-Applied Essential Oils on Growth, Yield and Quality of Potato (*Solanum tuberosum L.*)

Arif Şanlı, Fatma Zehra Ok

2832-2839

Determination of the Current Situation of Konya İhlamur Park According to the Physical Activity and Social Interaction Actions of Elderly Individuals, which are the Reasons for Park Use

Sertaç Güngör, Zehra Çelik

2840-2845

The Effects of Potato Golden Cyst Nematode Pathotype 2/3 On Plant Development in Clones and Varieties

Gülten Kaçar Avcı, Halil Toktay, Mustafa İmren, G.Badel Akyol, Ramazan Canhilal

2846-2852

The Effects of Nanoemulsion Film Coatings Containing Essential Oils on the Storage Quality of Sugar Beets (*Beta vulgaris L.*)

Fatma Zehra Ok, Arif Şanlı

2853-2861

Determination of In-Vitro Antifungal Activities of Essential Oils Against Fungal Pathogens

Fatma Zehra Ok

2862-2866

Investigation of Important Park Features that Encourage Park Visiting, Physical Activity and Social Interaction Among Teenagers with the Case of İhlamur Park

Sertaç Güngör, Sabriye Özer, Murat Seyhan

2867-2871

Examining the Adequacy of the Niğde Parks

Orhun Soydan

2872-2887

Investigation of Cow Milk Quality Characteristics and Udder Health in the Districts of Banaz (Uşak) and Altıntaş (Kütahya)

Serhan Karakaş, Sibel Alapala

2888-2894

Effects of Humic Acid Applications along with Reduced Nitrogen Fertilization on Potato Tuber Yield and Quality

Arif Şanlı, Gamze Cansever, Fatma Zehra Ok

2895-2900

Phytochemical Analysis and Antibacterial Effects of *Anastatica hierochuntica* Extracts on Foodborne and Clinical Pathogens

Amina Omodolapo Badmos, Hanahu Onikola, Sekinat Onigbinde, Rasaq Onikola

2901-2906

Standardisation in Gocmen Cheese Production, Evaluation of Microbiological Quality and Sensory Properties

Derya Saygılı, Onur Özden

2907-2912

Efforts to Reduce Carbon Footprint of Dokuz Eylül University Tınaztepe Campus in İzmir, Türkiye

Elif Duyuşen Kokulu, EYLÜL Ceren Özyürek

2913-2919

Review Articles

The Impact of Polyphenols on Nutrition and Health

Eda Adal, Tuğba Aktar

2920-2926



Editorial Team

Editor in chief

Prof. Dr. Musa Sarıca, Ondokuz Mayıs University, Türkiye

Associate Editor

Prof. Dr. Hasan Eleroğlu, Sivas Cumhuriyet University, Türkiye

Prof. Dr. Ahmet Şekeroğlu, Ömer Halisdemir University, Türkiye

Prof. Dr. Sedat Karaman, Tokat Gaziosmanpaşa University, Türkiye

Manuscript Editor

Dr. Kadir Erensoy, Ondokuz Mayıs University, Türkiye

Editorial Board

Prof. Dr. Ebubekir Altuntaş, Tokat Gaziosmanpasa University, Türkiye

Prof. Dr. Mustafa Avcı, Niğde Ömer Halisdemir University, Niğde, Türkiye

Prof. Dr. Zeki Bayramoğlu, Selçuk University, Türkiye

Prof. Dr. Kezban Candogán, Ankara University, Türkiye

Prof. Dr. Yusuf Cufadar, Selçuk University, Türkiye

Prof. Dr. Mahmut Çetin, Çukurova University, Türkiye

Prof. Dr. Suat Dikel, Çukurova University, Türkiye

Prof. Dr. Hasan Eleroğlu, Sivas Cumhuriyet University, Türkiye

Prof. Dr. Naif Geboloğlu, Tokat Gaziosmanpasa University, Türkiye

Prof. Dr. Orhan Gündüz, Malatya Turgut Özal University, Türkiye

Prof. Dr. Leyla İdikut, Kahramanmaraş Sütçü İmam University, Türkiye

Prof. Dr. Sedat Karaman, Tokat Gaziosmanpasa University, Türkiye

Prof. Dr. Mustafa Karhan, Akdeniz University, Türkiye

Prof. Dr. Hüseyin Karlıdağ, İnönü University, Türkiye

Prof. Dr. Muharrem Kaya, İsparta Uygulamalı Bilimler University, Türkiye

Prof. Dr. Halil Kızılaslan, Tokat Gaziosmanpasa University, Türkiye

Prof. Dr. Kürsat Korkmaz, Ordu University, Türkiye

Prof. Dr. Yusuf Ziya Ögrak, Sivas Cumhuriyet University, Türkiye

Prof. Dr. Bahri Devrim Özcan, Çukurova University, Türkiye

Prof. Dr. Kadir Saltalı, Kahramanmaraş Sütçü İmam University, Türkiye

Prof. Dr. Zeliha Selamoğlu, Niğde Ömer Halisdemir University, Türkiye

Prof. Dr. Ahmet Şahin, Kirşehir Ahi Evran University, Türkiye

Prof. Dr. Ahmet Sekeroğlu, Niğde Ömer Halisdemir University, Türkiye

Prof. Dr. Yusuf Yanar, Tokat Gaziosmanpasa University, Türkiye

Prof. Dr. Arda Yıldırım, Tokat Gaziosmanpasa University, Türkiye

Prof. Dr. Metin Yıldırım, Niğde Ömer Halisdemir University, Türkiye

Prof. Dr. Zeliha Yıldırım, Niğde Ömer Halisdemir University, Türkiye

Prof. Dr. Sertaç Güngör, Selçuk University, Türkiye

Prof. Dr. Hasan Tangüler, Niğde Ömer Halisdemir University, Türkiye

Prof. Dr. Adnan Ünalan, Niğde Ömer Halisdemir University, Türkiye

Prof. Dr. Hatira Taşkin, Çukurova University, Türkiye

Assoc. Prof. Dr. Ahmed Menevşeoglu, Ağrı İbrahim Çeçen University, Türkiye

Assoc. Prof. Dr. Cem Baltacıoğlu, Niğde Ömer Halisdemir University, Türkiye

Assoc. Prof. Dr. Hasan Gökhان Doğan, Kirşehir Ahi Evran University, Türkiye

Assoc. Prof. Dr. Ekrem Mutlu, Kastamonu University, Türkiye

Assoc. Prof. Dr. Cem Okan Özer, Nevşehir Hacı Bektaş Veli University, Türkiye

Assoc. Prof. Dr. Emre Şirin, Ahi Evran Üniversitesi, Türkiye



Dr. Emre Aksoy, Middle East Technical University, Türkiye

Dr. Mustafa Duman, Niğde Ömer Halisdemir University, Türkiye

Dr. Burak Şen, Omer Halisdemir University, Türkiye

Section Editors

Prof. Dr. Alper Durak, İnönü Üniversitesi, Türkiye

Prof. Dr. Gülistan Erdal, Tokat Gaziosmanpaşa Üniversitesi, Türkiye

Prof. Dr. Zeki Gökalp, Erciyes University, Türkiye

Prof. Dr. Rüştü Hatipoğlu, Cukurova University, Türkiye

Prof. Dr. Teoman Kankılıç, Niğde Ömer Halisdemir University, Türkiye

Prof. Dr. Osman Karkacier, Akdeniz University, Türkiye

Prof. Dr. G. Tamer Kayaalp, Cukurova University, Türkiye

Prof. Dr. Nuray Kızılaslan, Tokat Gaziosmanpaşa University, Türkiye

Prof. Dr. Hasan Rüştü Kutlu, Cukurova University, Türkiye

Prof. Dr. Hülya Emince Saygı, Ege University, Türkiye

Prof. Dr. İbrahim Tapkı, Mustaf Kemal University, Türkiye

Prof. Dr. Faruk Toklu, Çukurova University, Türkiye

Prof. Dr. Necati Barış Tuncel, Onsekiz Mart University, Türkiye

Prof. Dr. Erkan Yalçın, Ondokuz Mayıs University, Türkiye

Prof. Dr. Durdane Yanar, Tokat Gaziosmanpaşa University, Türkiye

Assoc. Prof. Dr. Hüsnü Aktaş, Mardin Artuklu University, Türkiye

Assoc. Prof. Dr. Hatun Barut, Ministry of Agriculture and Forestry, Türkiye

Assoc. Prof. Dr. Berken Cimen, Cukurova University, Türkiye

Prof. Dr. Nazlı Ercan, Cumhuriyet University, Türkiye

Prof. Dr. Cemal Kurt, Cukurova University, Türkiye

Assoc. Prof. Dr. Muhammad Azhar Nadeem, Sivas University of Science and Technology, Türkiye

Assoc. Prof. Dr. Uğur Serbester, Çukurova University, Türkiye

Assoc. Prof. Dr. Mustafa Sevindik, Osmaniye Korkut Ata University, Türkiye

Assoc. Prof. Dr. Özhan Şimşek, Erciyes University, Türkiye

Assoc. Prof. Dr. Gökhan Baktemur, Sivas University of Science and Technology, Türkiye

Dr. Sara Yasemin, Siirt University, Türkiye

Dr. Brian Tanika, Niğde Ömer Halisdemir University, Türkiye

Regional Editors

Prof. Dr. Mohammad Abdul Baki, Jagannath University, Bangladesh

Prof. Dr. Himayatullah Khan, Agricultural University, Pakistan

Prof. Dr. Abderrahim Benslama, University of M'sila, Algeria

Prof. Dr. Md. Parvez Anwar, Bangladesh Agricultural University, Bangladesh

Prof. Dr. Mohammad Bagher Hassanpouraghdam, University of Maragheh, Iran

Assoc. Prof. Dr. Allah Bakhsh, University of the Punjab, Pakistan

Prof. Dr. Aimee Sheree Adato Barrion, University of the Philippines, Philippines

Assoc. Prof. Dr. Claudio Ratti, University of Bologna, Italy

Assoc. Prof. Dr. Dima Alkadri, Jerash University, Jordan

Prof. Dr. Fernanda Cortez Lopes, Federal University of Rio Grande do Sul, Brazil

Assoc. Prof. Dr. Gheorghe Cristian Popescu, University of Pitesti, Romania

Prof. Dr. Idrees A. Nasir, University of the Punjab, Pakistan

Assoc. Prof. Dr. Jelena Zindovic, University of Montenegro, Montenegro

Assoc. Prof. Dr. Muhammad Amjad Ali, University of Agriculture, Pakistan

Assoc. Prof. Dr. Muhammad Naeem Sattar, King Faisal University Al-Ahsa, Saudi Arabia

Dr. Muhammad Rizwan Shafiq, University of Agriculture Faisalabad, Pakistan

Assoc. Prof. Dr. Muhammad Qasim Shahid, South China Agricultural University, China



Turkish Journal of Agriculture - Food Science and Technology

Available online, ISSN: 2148-127X | www.agrifoodscience.com | Turkish Science and Technology Publishing (TURSTEP)

Assoc. Prof. Dr. Muhammad Younas Khan, University of Balochistan, Pakistan

Assoc. Prof. Dr. Neelesh Sharma, Sher-E-Kashmir University of Agricultural Sciences &Technology, India

Assoc. Prof. Dr. Noosheen Zahid, University of Poonch Rawalakot, Malezya

Assoc. Prof. Dr. Mihaela Ivanciu, University of Iasi, Romania

Statistics Editor

Prof. Dr. Soner Çankaya, Ondokuz Mayıs University, Türkiye

Prof. Dr. Hüdaverdi Bircan, Sivas Cumhuriyet University, Türkiye

Prof. Dr. Adnan Ünalan, Niğde Ömer Halisdemir University, Türkiye

Foreign Relations

Dr. Emre Aksoy, Middle East Technical University, Türkiye



Turkish Journal of Agriculture - Food Science and Technology

Available online, ISSN: 2148-127X | www.agrifoodscience.com | Turkish Science and Technology Publishing (TURSTEP)

Indexes

Turkish Journal of Agriculture - Food Science and Technology (TURJAF) is indexed by the following national and international scientific indexing services:

- [Directory of Open Access Journals \(DOAJ\)](#),
- [National Library of Australia \(TROVE\)](#),
- [WorldCat libraries\(WorldCat\)](#),
- [Ingenta \(Ingenta\)](#),
- [World Agricultural Economics and Rural Sociology Abstracts \(CABI\)](#),
- [Google \(Scholar\)](#),
- [Crossref \(Journals\)](#),
- [Sobiad Citation Index](#),
- [SciMatic \(SciMatic\)](#),
- [The Food and Agriculture Organization \(AGRIS\)](#),
- [Idealonline Index](#),
- [Scilit \(SCILIT\)](#),
- [Weill Cornell Medicine - Qatar](#),
- [Indiana University Kokomo](#),
- [Academic Search Engine \(SCINAPSE\)](#),
- [Fatcat Editor \(FATCAT\)](#),
- [Academic Research Index \(ACARINDEX\)](#),
- [Information Matrix for the Analysis of Journals \(MIAR\)](#),
- [National Library of Medicine](#)
- [EBSCO host](#)
- [Originally called the European Reference Index for the Humanities or ERIH \(ERIH PLUS\)](#)
- [The Turkish Academic Network and Information Centre \(ULAKBIM\)](#),
- [ULAKBIM TR Index list of Journals \(TR-INDEX\)](#)



This work is licensed under [Creative Commons Attribution 4.0 International License](#)

ISSN: 2148-127X



Turkish JAF Sci.Tech.



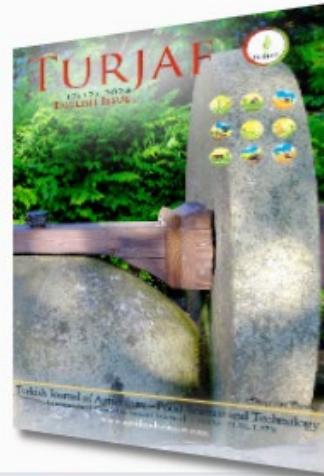
TR – DİZİN Bilgileri

Türk Tarım - Gıda Bilim ve Teknoloji dergisi

Makale Sayısı 2968	Atıf Sayısı 2931	Kendine Atıf Sayısı 854
Atıf Alan Makale Sayısı 1099	Atıf Ortalaması 0,99	Kendine Atıf Oranı %29,14

Konu Kategorisi: ● Fen > Ziraat Fen > Mühendislik

Konu Alanları: ● Ziraat Mühendisliği Gıda Bilimi ve Teknolojisi



EİSSN: 2148-127X

İlk Yayın Yılı: 2013

Diziniendiği Yıllar: 2014-2024 (Fen)

Yayın: Ocak, Şubat, Mart, Nisan, Mayıs, Haziran,
Periyodu:

● Temmuz, Ağustos, Eylül, Ekim, Kasım, Aralık

Yayın Formatı: Elektronik

Yayın Dili: Türkçe | İngilizce

Editor: Hasan Eleroglu

Yayınçı: Turkish Science and Technology Publishing (TURSTEP)

Web Adresi:
<http://www.agrifoodscience.com>



Makale & Atıf Sayısı



Makale Türleri

■ Araştırma Makalesi ■ Değerleme ■ Diğer ■ Oluşumlu ■ Düzeltme