



Image from Pixabay

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



Vol. 12 No. 12 (2024)

Research Paper

Adaptation and Growth Performance of F1 Progeny of Crossbred Sheep in Bangladesh

*Nure Hasni Desha, Sadia Afrin, Md. Mahmudul Hasan Pasha,
Md. Zillur Rahman, Sadek Ahmed*

2451-2456

Spatial Evaluation of Carp Production by Using Geography Information Systems (GIS) in the Anatolian Region of Türkiye

İlknur Uçak, Muhammed Cüneyt Bağdatlı, Maliha Afreen

2457-2463

Response Surface Methodology for Modelling and Optimizing Efficiency in Deep Well Pumping Systems

Nuri Orhan; Murat Çavuşlar, Meki Solmaz, Muhammet Emre Erdem

2464-2469

Haematological Indices and Fertility Potential of Rabbits Receiving Camels Foot (Piliostigma thonningii) Essential Oil Supplemented Diet

*Emmanuel Anaso, Olurotimi Olafadehan, Ijeoma C. Chibuogwu,
Ayoola J. Shoyombo, Samuel Mailafia, Joy N. Anaso, Emeka Solomon Fidelis*

2470-2477

Efficacy of The Essential Oil of Coriandrum sativum against Sitophilus oryzae (Coleoptera:Curculionidae)

Ayşe Yeşilayer, Kadriye Özlem Saygı

2478-2482

Effect of Thermal Manipulation During Embryogenesis on Pre and Post-Hatch Performance of Stored Hatching Eggs of Japanese Quails

Nasir Abdallah, Kadriye Kursun, Mikail Baylan

2483-2490

Cost-Benefit Analysis of the Fattening of Morkaraman Lambs with Different Dietary Plant Protein Sources

Mazhar Burak Can, Alperen Varalan, Halit İmik

2491-2496

Growth Performance of Broiler Chicken (Gallus gallus domesticus) in Response to Cinnamon Powder as Feed Additives

Ramil B Entana Jr, Mary Ann Alejandro

2497-2500

Farmland Challenges in the Haor Basin of Bangladesh: Nature and Solutions

Shovon Roy

2501-2507

The Effects of DGATI-K232A Gene Polymorphisms on Milk Performance Traits in Simmental Cattle

Zeynep Sönmez, Hamiye Ünal, Sinan Kopuzlu

2508-2513

Analysis of Specialization in Agricultural Products After WTO Membership: A Review for Türkiye and Mercosur Countries Agricultural Trade Relation

Elif Tuğçe Bozdoğan

2514-2523



Evaluation of University Students' Chicken Meat Consumption Preferences and Knowledge of Chicken Production

Ali Kepezkaya, Nasir Abdallah, Kadriye Kursun, Mikail Baylan

2524-2531

Acceleration of Breaking Buds Dormancy on Apricot Trees by Using Alternatives of Hydrogen Cyanamide (Dormex) and Assessment of Resulting Fruits Quality

Karim M Farag, Raed S Shehata

2532-2536

Mineral Composition of Feed and Mineral Soil Utilization in Haramaya District, East Hararghe Zone, Ethiopia

Sefa Salo, Mengistu Urge, Mohammed Yusuf Kurtu

2537-2545

The Effects of Starvation Duration on the Growth Performance, Feed Cost, and Water Quality in Common Carp (*Cyprinus carpio*)

Biröl Baki, Oylum Gökkurt Baki, Gülşen Uzun Gören

2546-2550

The Effects of Different Doses of Zeatin, Kinetin and Gibberellic Acid Biostimulants Applied during the Seedling Development Period of Peppermint (*Mentha Piperita* L.) on Growth and Biochemical Parameters

Muhammed Said Yolcu

2551-2556

The Use of The Ancient Amaranth (*Amaranthus*) Grain in Traditional Turkish Cuisine

Merve Onur, Aybuke Ceyhun Sezgin

2557-2570

The Comparison of Weight and Shape-related Traits in Eggs from Different Chicken Genotypes

Ahmet Uçar, Yasin Kahya

2571-2578

The Effect of Irrigation on Crop Yield Change in Some Cereals in Drought Conditions Determined Using SPI and PNI: Ankara Province Example

Murat Özocak

2579-2589

Seasonal Distribution of Births in Anatolian Buffaloes and Effects of the Season on Some Milk and Reproductive Traits of Cows and Growth Traits of Calves

Hüseyin Erdem, İbrahim Cihangir Okuyucu, Savaş Atasever

2590-2598

Examining Heavy Metal Transfer from Soil to Bread

Mustafa Yılmaz

2599-2605

Impact of Boron Toxicity and Humic Substance Applications on Cotton Fiber Quality and Yield

Mustafa Ali Kaptan, Mehmet Aydın

2606-2614

Effects of Different Zinc Concentrations on Culture Growth of *Spirulina platensis* and Its Production of Zinc Enriched as Superfood

Füsün Akgül, Rıza Akgül

2615-2623

Combining Pasture- and Animal-Based Factors to Predict Herbage or Dry Matter Intake of Lambs Grazing on Cocksfoot, Meadow Fescue and Tall Fescue Pastures

Ahmet Akdağ, Nuh Ocak, İbrahim Aydın

2624-2630



Review Articles

Sustainable Agriculture and It's Practices: A Review

Shikha Sharma, Bipana K.C.

2631-2639

A Brief Overview of Stereology and Morphometry Method in Histology and Biology

Tuğba Dağdeviren, Hatice Kübra Yolcu

2640-2643

Evolution of Parasitoidism in Hymenoptera

Sevda Hastaoğlu Örgen, Mehmet Gülmez

2644-2652

St John's Wort (*Hypericum perforatum* L.) in Broiler Nutrition

Özgün Işık, Helin Atan, Figen Kırkpınar, Ayşe Betül Avcı

2653-2655

Aflatoxin M1 Levels in Cheeses in Türkiye: A Review

Barış Ötün

2656-2663

Building Trust from Farm to Fork in Organic Agriculture: A Closer Look at Inspection and Certification Systems

Yener Ataseven, Alper Demirdöğen, Mustafa Akyüz

2664-2674



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 Gaziosmanpaşa University, Türkiye

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

Prof. Dr. Zeki Bayramoğlu, Selçuk University, Türkiye

Prof. Dr. Kezban Candoğan, 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 Gaziosmanpaşa 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 Gaziosmanpaşa 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 Gaziosmanpaşa University, Türkiye

Prof. Dr. Kürşat Korkmaz, Ordu University, Türkiye

Prof. Dr. Yusuf Ziya Oğrak, 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, Kırşehir Ahi Evran University, Türkiye

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

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

Prof. Dr. Arda Yıldırım, Tokat Gaziosmanpaşa 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 Ünalın, Niğde Ömer Halisdemir University, Türkiye

Prof. Dr. Hatıra Taşkın, Çukurova University, Türkiye

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

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

Assoc. Prof. Dr. Hasan Gökhan Doğan, Kırşehir 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 University, Türkiye
Prof. Dr. Gülistan Erdal, Tokat Gaziosmanpaşa University, Türkiye
Prof. Dr. Zeki Gökalg, 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 Eminçe 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 Şimsek, 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



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 Ivancia, 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 Ünalın, Niğde Ömer Halisdemir University, Türkiye

Foreign Relations

Dr. Emre Aksoy, Middle East Technical University, Türkiye



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 \(Journals\)](#),
- [Sobid 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

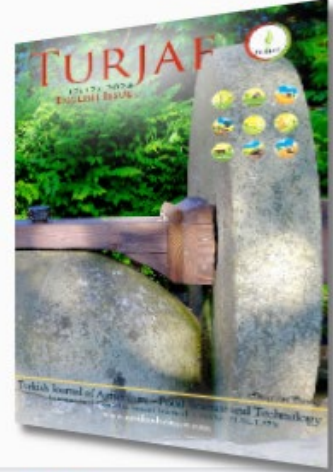
0,99

Kendine Atıf Oranı

%29,14

Konu Kategorisi: Fen > Ziraat Fen > Mühendislik

Konu Alanları: Ziraat Mühendisliği Gıda Bilimi ve Teknolojisi



ISSN: 2148-127X

İlk Yayın Yılı: 2013

Diziniendiği Yıllar: 2014-2024 (Fen)

Yayın Periyodu: Ocak, Şubat, Mart, Nisan, Mayıs, Haziran, Temmuz, Ağustos, Eylül, Ekim, Kasım, Aralık

Yayın Formatı: Elektronik

Yayın Dili: Türkçe | İngilizce

Editör: Hasan Eleroğlu

Yayıncı: Turkish Science and Technology Publishing (TURSTEP)

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

Makale & Atıf Sayısı



Makale Türleri

Araştırma Makalesi Deleme Diğer Özgü Sunumu Düzeltme