

EDİTÖR KURULU / EDITORIAL BOARD

EDITOR

Assoc. Prof. Dr. Seyithan SEYDOSOGLU

Siirt University, Faculty of Agriculture, Department of Field Crops, Siirt-Turkey

E-Mail: seyithanseydosoglu@siirt.edu.tr

Turkish Language Editor

Assoc. Prof. Dr. Arzu CIG

Siirt University, Faculty of Agriculture, Department of Horticulture, Siirt-Turkey

E-Mail: arzu@siirt.edu.tr

English Language Editor

Dr. Ayman EL SABAGH

Siirt University, Faculty of Agriculture, Department of Field Crops, Siirt-Turkey

E-Mail: ayman.elsabagh@siirt.edu.tr

BİLİMSEL DANIŞMA KURULU / EDITORIAL ADVISORY BOARD

Prof. Dr. Abdullah SESSİZ

Dicle University, Faculty of Agriculture, Department Of Agricultural Machinery And Technologies
Engineering, Diyarbakır-Turkey
E-Mail: asesiz@dicle.edu.tr

Prof. Dr. Golgen BAHAR OZTEKİN

Ege University, Faculty of Agriculture, Department of Horticulture, İzmir-Turkey
E-Mail: golgen.oztekin@ege.edu.tr

Prof. Dr. Nesrin ORCEN

Ege University, Faculty of Agriculture, Department of Field Crops, İzmir-Turkey
E-Mail: nesrin.orcen@ege.edu.tr

Prof. Dr. Disna RATNASEKERA

University of Ruhuna, Department of Agricultural Biology, Faculty of Agriculture, Matara, Sri Lanka
E-Mail: djnsaratnasekera@gmail.com

Prof. Dr. Oksana SYTAR

Taras Shevchenko National University of Kyiv, Department of Plant Biology Department, Institute of
Biology, Volodymyrska str., 64, Kyiv 01033, Ukraine
E-Mail: oksana.sytar@gmail.com

Prof. Dr. M. Shohidul ISLAM

Hajee Mohammad Danesh Science and Technology University, Department of Agronomy,
Bangladesh
E-Mail: shahid_sohana@yahoo.com

Prof. Dr. Yılmaz BAYHAN

Namık Kemal University, Faculty of Agriculture, Department of Biosystem Engineering, Tekirdag-
Turkey
E-Mail: ybayhan@nku.edu.tr

Assoc. Prof. Dr. Ozlem DURNA AYDIN

Kafkas University, Faculty of Veterinary, Department of Animal Nutrition, and Nutritional Diseases,
Kars-Turkey
E-Mail: odurna36@gmail.com

Assoc. Prof. Dr. Kubra YAZICI

Yozgat Bozok University, Faculty of Agriculture, Department of Landscape Architecture, Yozgat-Turkey

E-Mail: kubra.yazici@yobu.edu.tr

Assoc. Prof. Dr. Mehmet Fırat BARAN

Siirt University, Faculty of Agriculture, Department of Biosystem Engineering, Siirt-Turkey

E-Mail: firat.baran@siirt.edu.tr

Assoc. Prof. Dr. Yusuf BASOGUL

Adiyaman University, Faculty of Engineering, Department of Mechanical Engineering, Adiyaman-Turkey

E-mail: ybasogul@adiyaman.edu.tr

Assist. Prof. Dr. Orhun SOYDAN

Nigde Omer Halisdemir University, Faculty of Architecture, Department of Landscape Architecture, Nigde-Turkey

E-Mail: orhunsoydan@ohu.edu.tr

Assist. Prof. Dr. Betul UYAR

Dicle University, , Faculty of Medicine, Department of Psychiatry, Diyarbakır-Turkey

E-mail: betuluyar@hotmail.com

Assist. Prof. Dr. Fatma ERTAS OGUZ

Igdir University, Tuzluca Vocational School, Department of Medical Services and Techniques, Igdir-Turkey

E-mail: fatma.ertas@igdir.edu.tr

Dr. Arpna KUMARI

Southern Federal University, Academy of Biology and Biotechnology, Rostov-on-Don, Russia

E-Mail: arpnabot.rsh@gndu.ac.in

Dr. Shah FAHAD

The University of Swabi, Agriculture department, Khyber Paktunkhwa, Pakistan

E-Mail: shahfahad@uoswabi.edu.pk

Dr. Ram Swaroop MEENA

Banaras Hindu University, , Department of Agronomy, BHU, Varanasi-221005, India

E-Mail: meenarsmeenaagro@gmail.com

Assoc. Prof. Dr. Korkmaz BELLITURK

Tekirdag Namık Kemal University, Faculty of Agriculture, Department of Soil Sciences and Plant Nutrition, Tekirdag-Turkey

E-mail: kbelliturk@nku.edu.tr

Assoc. Prof. Dr. Ahmet CELIK

Adiyaman University, Faculty of Agriculture, Department of Soil Sciences and Plant Nutrition, Adiyaman-Turkey

E-mail: ahmetcelik@adiyaman.edu.tr

Dr. Nihayet KOÇYİĞİT

Batman Üniversitesi, Teknik Bilimler Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri Bölümü, Batman-Türkiye

E-mail: nihayet.kocyigit@batman.edu.tr

ÜRÜN BİLGİSİ / PRODUCT INFORMATION

Dergi Kapsamı: MAS Uygulamalı Bilimler Dergisi, (Ekonomik Kalkınma ve Sosyal Araştırmalar Enstitüsü) IKSAD tarafından yayınlanan açık erişimli, Uluslararası hakemli ve indeksli bir dergidir. Temel amacımız uluslararası akademisyenler için entelektüel bir platform sağlamaktır. Matematik, Mühendislik, Sağlık ve Doğa bilimleri alanlarında disiplinler arası çalışmaları teşvik etmeyi ve bu alanda önde gelen dergi olmayı hedefliyoruz.

Scope of the Journal: MAS Journal of Applied Sciences is an open access, internationally refereed and indexed journal published by (Institute of Economic Development and Social Research) IKSAD. Our main goal is to provide an intellectual platform for international academics. We aim to encourage interdisciplinary studies in the fields of Mathematics, Engineering, Health and Natural sciences and to become the leading journal in this field.

Yayımlayan / Publisher	IKSAD / IKSAD
Yayın Dili / Language	Türkçe-İngilizce / Turkish-English
Basım Tarihi / Date of Publication	01/12/2022
Yayın Aralığı / Frequency	Yılda dört kez (Mart-Haziran-Eylül-Aralık) yayınlanır. Published four times a year (March-June- September December)

Tarıdığı İndeksler / Indexed and
Abstracted in



OpenAIRE

İÇİNDEKİLER / CONTENTS

Examination of The Relation Between The Physical Activity Level and Nutritional Habits of The Students of Vocational School of Health Services Hatice ÖZSOY, Tuğçe YEŞİLYAPRAK.....	816
Effect Of Covid-19 Pandemic On Health Sector And New Trends Hüseyin ERSOY, Serra ERSOY.....	827
Thoughts of The Community on Care Provided By Different Generations of Nurses Hamdiye ARDA SÜRÜCÜ, Altun BAKSİ, Ayşenur CAN.....	838
Assessment of Folate and Vitamin B12 Levels According to Gender in Psychiatric Patients in Şırnak Region Veysel TAHİROĞLU, Naci Ömer ALAYUNT, Erkam COŞKUN, Ferda APA.....	847
Examining The Relationship Between Emotional Labor and Care Behaviors of Nursing Students Altun BAKSİ, Havva Hande ÖZER.....	855
Perceived Barriers To Performing Physical Assessment Skills of Nursing Students Fadime GÖK, Gülbanu ZENCİR.....	868
The Effect of Inorganic Nitrogen and Phosphorus Fertilizers, Chicken Manure and Their Combinations on Growth and Development of Common Bean (<i>Phaseolus vulgaris</i> L.) Sibel IPEKESEN, Fatma BASDEMİR, Seval ELİS, Murat TUNC, B. Tuba BICER.....	880
Forward Kinematic Analysis of A Welding Robot With 5 Degrees Of Freedom Nülifer GÜNDOĞAN, Cengiz DOĞAN.....	891
The Effect of Increasing Ethanol in Fuel in Gasoline Engines on Performance and Emissions Ahmet YAKIN.....	903
Relationship Between the Perception of Self-Efficacy and Early Post-Operative Symptoms in Patients Undergoing Coronary Artery Bypass Graft Surgery with Median Sternotomy Fadime GÖK, Tuğçe YEŞİLYAPRAK.....	910

Potentials for Hybridization and Agronomic Traits in Maize (<i>Zea mays</i> L.) Pure Lines Grown in a Greenhouse	
Remzi ÖZKAN, Merve BAYHAN.....	922
Evaluation In Terms of Forestry And Agricultural Production of Excavator-Filling Areas Soils In Afsin-Elbistan Coal-Fired Power Plant Basin	
Alper SÖĞÜT, Kadir SALTALI.....	940
Evaluation of Some Bread Wheat (<i>Triticum aestivum</i> L.) Genotypes in terms of Morphological Traits and Yield Parameters in Diyarbakır Conditions	
Remzi ÖZKAN.....	951
Identification of High Nicotine Oriental Tobacco Lines	
Oktay ŞAHİN, Sıdıka EKREN.....	959
Synergistic Effect of Triphenyl Phosphate on Non-Flammability of Polymer Materials	
Nihayet KOÇYİĞİT.....	975
Classification of Some Black Cumin Seed (<i>Nigella sativa</i> L.) Genotypes According to Phenological and Agronomic Characteristics under Mardin Ecological Conditions	
Zübeyir GÜNEŞ, Özlem TONÇER.....	990
Investigation of The Possibilities of Using Sweet Corn (<i>Zea mays</i> L. <i>saccharata</i>) Biomass as a Feed Source After Fresh Ear Harvest in Different Maturation Periods	
Mahmut Nedim AĞAÇKESEN, Abdullah ÖKTEM.....	1002
Potential Effects of Aegean Sea Disputes on Maritime Transportation	
Gökçe Çiçek CEYHUN.....	1017
Survival Rate and Growth Performance of Akkaraman and Lalahan Sheep (Kıvırcık x Akkaraman BC1)	
Sinem FIRDOLAŞ.....	1024
The Necessities of Cranberry bush (<i>Viburnum opulus</i>) Evaluation for Horticultural Cultivation	
Murat GÜNEY, Muhammet Ali GÜNDEŞLİ.....	1033
Reasons for Afghan Immigrants to Come to Turkey and the Problems They Experience	
Roohullah ALAMYAR, Ismet BOZ.....	1042
Industrial Painting Robot Arm Design and Manufacturing with Rotary Table	
Mehmet ARİN, Yusuf BAŞOĞUL.....	1057

A New Risk For The Southeastern Anatolia Region *Amaranthus palmeri*
Mesut SIRRI.....1072

**Agricultural Background of Afghan Immigrants and Employment Opportunities in the
Agricultural Sector in Turkey**
Roohullah ALAMYAR, Ismet BOZ.....1091