

Prof. NURAY AKBUDAK

Personal Information

Email: nakbudak@uludag.edu.tr

Web: <https://avesis.uludag.edu.tr/nakbudak>

Address: nakbudak@uludag.edu.tr

International Researcher IDs

ScholarID: 010gIDkAAAAJ

ORCID: 0000-0003-2669-5667

Publons / Web Of Science ResearcherID: AAH-5045-2021

ScopusID: 13605815800

Yoksis Researcher ID: 156482

Education Information

Doctorate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Bahçe Bitkileri (Dr), Turkey 2000 - 2005

Postgraduate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Bahçe Bitkileri (YI) (Tezli), Turkey 1993 - 1996

Undergraduate, Bursa Uludağ University, ZİRAAT FAKÜLTESİ, Bahçe Bitkileri Bölümü, Turkey 1989 - 1993

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Domateslerde ışınlanmış polen uyarımıyla haploid bitki elde edilmesi üzerine etkili faktörler, Bursa Uludağ University, ZİRAAT FAKÜLTESİ, BAHÇE BİTKİLERİ, 2005

Postgraduate, Turşuluk hıyar yetiştiriciliğinde tele almanın verim ve kalite üzerine etkisi, 1996

Research Areas

Agricultural Sciences, Agriculture

Academic Titles / Tasks

Professor, Bursa Uludağ University, ZİRAAT FAKÜLTESİ, BAHÇE BİTKİLERİ, 2022 - Continues

Associate Professor, Bursa Uludağ University, ZİRAAT FAKÜLTESİ, BAHÇE BİTKİLERİ, 2011 - 2022

Research Assistant, Bursa Uludağ University, ZİRAAT FAKÜLTESİ, BAHÇE BİTKİLERİ, 1994 - 2011

Academic and Administrative Experience

University Executive Board Member, Bursa Uludağ University, U.Ü.Kadın Çalışmaları Uygulama ve Araştırma Merkezi

(UKAM), 2017 - Continues

Vice Dean, Bursa Uludağ University, ZİRAAT FAKÜLTESİ, 2019 - 2023

Deputy Head of Department, Bursa Uludağ University, ZİRAAT FAKÜLTESİ, BAHÇE BİTKİLERİ, 2012 - 2019

Courses

Organik Tarım, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Sebze Yetiştiriciliğinde Özel Teknikler, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Genel Sebzeçilik, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

Organik Tarım, Undergraduate, 2020 - 2021, 2019 - 2020

Sebze Tohumculuğu, Undergraduate, 2020 - 2021

Örtüaltı Yetiştiriciliği, Associate Degree, 2015 - 2016, 2014 - 2015, 2013 - 2014

Advising Theses

Akbudak N., Hiyar (*Cucumis sativus* L.) bitkisinde aritilmiş su kullanılarak yapılan kisintili sulama uygulamalarının verim, kalite ve ağır metal içerikleri üzerine olan etkileri, Doctorate, U.TAN(Student), 2023

Akbudak N., ANTER KÜLTÜRÜNDE BAZI ACI BİBER ÇEŞİTLERİNİN FARKLI BESİ ORTAMLARINDA HAPLOİD BİTKİ OLUŞTURMA ETKİNLİKLERİ, Postgraduate, T.ZEYNEP(Student), 2023

Akbudak N., Sakız kabağında (*Cucurbita pepo* L.) kısıntılı sulama uygulamaları, Postgraduate, A.BEYZA(Student), 2023

Akbudak N., Türkiye'de kayıtlı anaçlık patlıcan tiplerinde morfolojik karakterizasyon ve anaç-kalem performanslarının karşılaştırılması, Doctorate, A.GÖKSEVEN(Student), 2022

Akbudak N., BAZI SEBZELERDE ATIK SULARLA SULAMANIN KALİTE ÜZERİNE ETKİSİ, Doctorate, O.ZAMBİ(Student), 2022

Akbudak N., Bazı bal yemişi çeşitlerinin (*Ionocera ceaerulea*) mikroçoğaltım performanslarının belirlenmesi, Postgraduate, T.NUR(Student), 2022

Akbudak N., Farklı domates çeşitlerinde bitki zararlılarına karşı savunma yapıları olan trikomların araştırılması, Postgraduate, S.ERTAŞ(Student), 2022

AKBUDAK N., The effect of different leonardite applications on yield and quality of bean, Postgraduate, S.İmamoğlu(Student), 2019

AKBUDAK N., An evaluation of efficiency and quality for different species in cultivation of capia pepper (*Capsicum annum* L. var *conoides* (Mill) Irish) in Bursa and surroundings, Postgraduate, A.Şahiner(Student), 2019

AKBUDAK N., The effect of organic fertilizers used in red pepper (*capsicum annum* L. cv. *Kapya*) cultivation on plant growth and fruit quality, Postgraduate, S.Begüm(Student), 2019

AKBUDAK N., Determination of heavy metals in some lactuca sativa spices depending on the source of irrigation water near Bursa, Postgraduate, E.Sarıyer(Student), 2017

AKBUDAK N., Current stabilities, problems and solution proposals of the cold air stories activities in Bursa and Yalova provinces, Postgraduate, E.İnce(Student), 2017

Jury Memberships

Associate Professor Exam, Associate Professor Exam, Bursa Uludağ University, January, 2024

Associate Professor Exam, Associate Professor Exam, Bursa Uludağ University, January, 2024

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Bursa Uludağ University, May, 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The Effect of Irrigation of Pickling Cucumber with Urban Wastewater on Product Quality and Heavy Metal Accumulation**
AKBUDAK N., ÜSTÜN G. E.
GESUNDE PFLANZEN, vol.75, no.3, pp.593-601, 2023 (SCI-Expanded)
- II. **EFFECTS OF GRAFTING ON AGRO-MORPHOLOGICAL CHARACTERISTICS IN EGGPLANTS GRAFTED ONTO SOLANUM TORVUM AND INTERSPECIFIC HYBRID ROOTSTOCKS**
Gökseven A., Akbudak N.
Pakistan Journal of Botany, vol.55, no.1, pp.393-402, 2023 (SCI-Expanded)
- III. **ASSESSING THE IMPACT OF IRRIGATION WITH TREATED WASTEWATER ON QUALITATIVE AND QUANTITATIVE PROPERTIES ON URFA ISOT AND CAPIA PEPPER VARIETIES**
ZAMBÌ O., AKBUDAK N.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.31, no.7, pp.6917-6927, 2022 (SCI-Expanded)
- IV. **The effect of harpin on shelf life of peppers inoculated with Botrytis cinerea**
TEZCAN H., AKBUDAK N., Akbudak B.
JOURNAL OF FOOD SCIENCE AND TECHNOLOGY-MYSORE, vol.50, no.6, pp.1079-1087, 2013 (SCI-Expanded)
- V. **Effect of pre-harvest harpin and modified atmosphere packaging on quality of cherry tomato cultivars "Alona" and "Cluster"**
Akbudak B., AKBUDAK N., Seniz V., Eris A.
BRITISH FOOD JOURNAL, vol.114, pp.180-196, 2012 (SCI-Expanded)
- VI. **Diagnostic method for predicting tomato seedling emergence**
AKBUDAK N., Bolkan H.
JOURNAL OF FOOD AGRICULTURE & ENVIRONMENT, vol.8, no.1, pp.170-174, 2010 (SCI-Expanded)
- VII. **In vitro and in vivo behavior of gamma-irradiated tomato (Lycopersicon esculentum) pollen**
Akbudak N., Seniz V.
NEW ZEALAND JOURNAL OF CROP AND HORTICULTURAL SCIENCE, vol.37, no.4, pp.361-367, 2009 (SCI-Expanded)
- VIII. **The Effects of Harpin on Fruiting and Botrytis cinerea Resistance of Three Pepper Cultivars**
Akbudak N.
BIOLOGICAL AGRICULTURE & HORTICULTURE, vol.26, no.4, pp.391-398, 2009 (SCI-Expanded)
- IX. **Sequential treatments of hot water and modified atmosphere packaging in cherry tomatoes**
Akbudak B., Akbudak N., Seniz V., Eris A.
JOURNAL OF FOOD QUALITY, vol.30, no.6, pp.896-910, 2007 (SCI-Expanded)
- X. **Effects of hot water treatment and modified atmosphere packaging on the quality and cold storage life of cherry tomatoes**
ALİBAŞ İ., AKBUDAK N.
Journal of Food Science and Technology, vol.44, no.2, pp.216-219, 2007 (SCI-Expanded)
- XI. **Foliar applied harpin effects on fruit quality of peppers**
Akbudak N., Akbudak B., Seniz V.
ACTA AGRICULTURAE SCANDINAVICA SECTION B-SOIL AND PLANT SCIENCE, vol.57, no.1, pp.82-86, 2007 (SCI-Expanded)
- XII. **The effect of harpin protein on plant growth parameters, leaf chlorophyll, leaf colour and percentage rotten fruit of pepper plants inoculated with Botrytis cinerea**
Akbudak N., Tezcan H., Akbudak B., Seniz V.
SCIENTIA HORTICULTURAE, vol.109, no.2, pp.107-112, 2006 (SCI-Expanded)

Articles Published in Other Journals

- I. **Sakız Kabağında (Cucurbita pepo) meyve verimi ve kalitesi üzerine farklı sulama seviyesi uygulamalarının etkisi**
Aybike Beyza Nur A., AKBUDAK N.

- Muş Alparslan Üniversitesi Tarım ve Doğa Dergisi, vol.3, no.1, pp.16-26, 2023 (Peer-Reviewed Journal)
- II. **Bursa ve Yalova İllerinde Soğuk Depolarda Karşılaşılan Sorunlar ve Ürün Kayıpları**
İnce E., Akbudak N.
Bahçe, vol.52, no.1, pp.73-79, 2023 (Peer-Reviewed Journal)
- III. **Influence of grafting on fruit quality traits in eggplant grafted onto Solanum torvum and interspecific rootstocks**
Gökseven A., AKBUDAK N.
journal of biological environmental science, vol.16, no.46, pp.35-47, 2022 (Peer-Reviewed Journal)
- IV. **Evaluation of Exogenous Salicylic Acid Application on White Mould Disease (Sclerotinia sclerotiorum) and Photosynthetic Pigments in Lettuce.**
AKBUDAK N., ZAMBİ O., Duran U. T.
Türkiye Tarımsal Araştırmalar Dergisi, vol.9, no.1, pp.90-96, 2022 (Peer-Reviewed Journal)
- V. **COVID-19 Salgın Sürecinde GLOBALGAP**
AKBUDAK N., şen ö.
Türkiye Tarımsal Araştırmalar Dergisi, vol.8, no.2, pp.248-255, 2021 (Peer-Reviewed Journal)
- VI. **The effect of leonardite, vermicompost, farmyard manure on yield and leaf quality of garden cress (Lepidium sativumL.)**
AKBUDAK N., ZAMBİ O.
ACTA HORTICULTURAE, vol.2, no.1242, pp.44-50, 2019 (Scopus)
- VII. **Physical Characteristics and Chemical Compositions of Local Red Onion Cultivar Grown in Kapıdağ, Turkey**
AKBUDAK N., TÜRK BEN C., ZAMBİ O., ŞAHİNARSLAN A., ÖZCAN F., ÖZKAN S.
JOURNAL OF BIOLOGICAL AND ENVIRONMENTAL SCIENCES, vol.12, no.36, pp.133-139, 2018 (Peer-Reviewed Journal)
- VIII. **ONION BREEDING PROGRAM IN TURKEY**
GÖKÇE A. F., Başar Kemikler N., candar a., Kaderlioğlu E., AKBUDAK N.
ACTA HORTICULTURAE, vol.969, pp.93-96, 2012 (Scopus)
- IX. **Incidence of &Verticillium& and Plant Development in Pepper as Affected by the Bioactivator Harpin**
AKBUDAK N., TEZCAN H.
INTERNATIONAL JOURNAL OF VEGETABLE SCIENCE, vol.15, no.3, pp.253-263, 2009 (Scopus)
- X. **Effect of Harpin Protein on Yield and Fruit Quality of Pepper Grown in Greenhouse Conditions**
AKBUDAK N., TEZCAN H., Şeniz V.
Acta Horticulture, no.729, pp.267, 2007 (Scopus)
- XI. **Preharvest Application of Harpin on the Cool Storage Life of Pepper**
AKBUDAK N., Bülent A., Şeniz V., ERİŞ A.
Acta Horticulture, no.712, pp.517, 2006 (Scopus)
- XII. **Bitkisel Üretimde ve Bitki Korumada Yeni Bir Etken Madde Harpin**
AKBUDAK N., TEZCAN H.
Uludağ Üniversitesi, Ziraat Fakültesi Dergisi, vol.20, no.2, pp.39, 2006 (Peer-Reviewed Journal)
- XIII. **The Effect of Harpin Treatment on Storage of Cherry Tomato cv. "Naomi"**
AKBUDAK N., ERİŞ A., Şeniz v.
Acta Horticulture, vol.712, pp.237-243, 2006 (Scopus)

Books & Book Chapters

- I. **Domates Bitkisinin Mineral Beslenmesi ve Meyve Kalitesi**
AKINOĞLU G., KORKMAZ A., AKBUDAK N., HORUZ A.
akademisyen yayınevi, 2021
- II. **Bursa'xxda Yetiştirilen Sebzelere Ağır Metaller**

AKBUDAK N., Bozkurt B., Sariyer E.

in: Bursa'xxda Gıda Güvenilirliği, Songül Uncu, Editor, Bilgin, pp.34-46, 2019

- III. **Türkiye'de Dondurulmuş Sebze Meyve Sanayiinin Ekonomik Yapısı ve Pazarlama Sorunları**
Çetin B., TURHAN Ş., TİPİ T., AKBUDAK N.
TZOB Yayınları, 2003

Refereed Congress / Symposium Publications in Proceedings

- I. **Göçmen Kadın ve Ailelerinin Sağlık, Eğitim, Ekonomi ve Uyum Konusunda Güçlendirilmesi Projesi: Bursa İli Örneği "GÜÇLÜ GÖÇMEN KADIN, GÜÇLÜ GÖÇMEN AİLE, GÜÇLÜ TOPLUM VE UYUM**
BAŞAL H. A., BAĞÇELİ KAHRAMAN P., ONUR SEZER G., ÖZYAZICIOĞLU N., HAŞIL KORKMAZ N., AKBUDAK N., TANER DERMAN M., ŞAHİN ZETEROĞLU E., ÇAĞLAYAN İ., UĞUR MUTLU S., et al.
ULUSLARARASI KADIN ÇALIŞMALARI KONGRESİ, Bursa, Turkey, 05 December 2022
- II. **Tarımsal Üretimde Kadının Rolü.**
Aydın Z. Ü., AKBUDAK N.
Türk Dünyasında Kadın olmak Uluslararası Kadın Araştırmaları kongresi, Bursa, Turkey, 05 December 2022
- III. **Which phytoseiid species is more effective for the control of *Aculops lycopersici*? *Amblyseius swirskii* or *Neoseiulus californicus*.**
KUMRAL N. A., ÇOBANOĞLU S., GENÇER N. S., AKBUDAK N., GÖK N., MERTOĞLU G., Aksoy A., OYLUM Ç., Ertaş S.
IX Symposium of the European Association of Acarologists, Bari, Italy, 12 - 15 July 2022, pp.29
- IV. **DETERMINATION OF MORPHOLOGICAL CHARACTERISTICS OF DIFFERENT EGGPLANT ROOTSTOCKS**
Gökseven A., AKBUDAK N.
Agro International Conference on Agriculture, 04 June 2022
- V. **The Effects of Organic Fertilizer Applications on Productivity and Total Phenolic Compound Amounts in Green Leafy Vegetables.**
AKBUDAK N., ZAMBİ O., Duran U. T.
5. International Icontech Symposium On Innovative Surveys In Positive Science, Şanlıurfa, Turkey, 05 February 2022, pp.169-177
- VI. **Determination of Heavey Metals in Lettuce Depending on the Source of Irrigation Water**
Sariyer E., AKBUDAK N.
5. International Icontech Symposium On Innovative Surveys In Positive Science, Şanlıurfa, Turkey, 05 February 2022, pp.169-177
- VII. **Effect of Elicitor Applications on the Color and Chlorophyll Composition on Leaf Lettuce (*Lactuca sativa* L.)**
AKBUDAK N., BAŞAY S.
III. International Symposium on Horticulture in Europe. Chania, Crete, Greece., Greece, 17 October 2016, vol.1242
- VIII. **The Effect of Methyl Jasmonate and Salicylic Acid on Yield and Tuber Quality of Radish (*Raphanus sativus* L.**
ZAMBİ O., AKBUDAK N., Özkan S., Şahiner A.
The Eurasian Agriculture and Natural Sciences Congress, 20 - 23 September 2017, pp.86-91
- IX. **Effect of Elicitor Applications on The Color and Chlorophyll Composition of Leaf Lettuce (*Lactuca Sativa* L.)**
AKBUDAK N., BAŞAY S.
III. International Symposium on Horticulture in Europe SHE2016, Chania, Greece, 17 - 21 September 2016, pp.118
- X. **The Effect of Leonardite Farmyard Manure on Yield and Leaf Quality of Garden Cress *Lepidium sativum* L**
AKBUDAK N., Zambi O.
III. International Symposium on Horticulture in Europe, 17 - 21 October 2016
- XI. **Effect of *Sclerotinia sclerotiorum* and mycorrhiza on growth and total chlorophyll in Pepper**
AKBUDAK N., BAŞAY S., TEZCAN H.

2nd Symposium on Horticulture in Europe, 02 July 2012

- XII. **The Elicitor Response in Lettuce**
AKBUDAK N., BAŞAY S.
2013 International Conference on Agriculture and Biotechnology, Kuala-Lumpur, Malaysia, 29 - 30 December 2013, vol.60, pp.126-130
- XIII. **Combined Effects of 1 Methylcyclopropene and Modified Atmosphere Packaging on the Quality of Freesia During Storage**
akbudak B., ÖZER M. H., AKBUDAK N., Murat Ş.
XI International Symposium on Flower Bulbs and Herbaceous Perennials, 28 March - 01 April 2012
- XIV. **Onion Breeding Program in Turkey**
GÖKÇE A. F., Başar Kemikler N., candar a., Kaderlioğlu E., AKBUDAK N.
Kongre, Japan, 10 December 2012 - 10 December 2015, vol.969, pp.93-96
- XV. **Effectiveness of polyethylene on storage of cherry tomatoes.**
AKBUDAK B., AKBUDAK N.
New Challenges in Food Preservation, 11 November 2009
- XVI. **Effect of Harpin Protein on Yield and Fruit Quality of Pepper Grown in Greenhouse Conditions**
AKBUDAK N., TEZCAN H., ŞENİZ V.
III Balkan Symposium on Vegetables and Potatoes, 08 September 2004, vol.729, pp.267-270
- XVII. **The effect of harpin treatment on storage of cherry tomato cv. 'Naomi**
AKBUDAK B., AKBUDAK N., ŞENİZ V., ERİŞ A.
3rd Balkan Symposium on Vegetables&Potatoes., 30 June 2006, vol.712, pp.237-243
- XVIII. **Preharvest application of harpin on the cool storage life of pepper**
AKBUDAK N., AKBUDAK B., ŞENİZ V., ERİŞ A.
Fourth International and Multidisciplinary Conference an Integrated View on Fruit and Vegetable Quality, 30 June 2006, vol.712, pp.517-523

Supported Projects

BAĞÇELİ KAHRAMAN P., ÖZHAN M. M., ONUR SEZER G., ÖZYAZICIOĞLU N., AYDIN A. İ., KORKMAZ N., AKBUDAK N., TANER DERMAN M., ŞAHİN ZETEROĞLU E., ÇAĞLAYAN İ., et al., Project Supported by Higher Education Institutions, Göçmen Kadın ve Ailelerinin Sağlık, Eğitim, Ekonomi ve Uyum Konusunda Güçlendirilmesi Projesi: Bursa İli Örneği "GÜÇLÜ GÖÇMEN KADIN, GÜÇLÜ GÖÇMEN AİLE, GÜÇLÜ TOPLUM VE UYUM", 2022 - Continues

Kumral N. A., Kumral A., Akbudak N., TUBITAK Project, Yaş Meyve ve Sebzelere Kimyasal Kirlilik Risklerinin Belirlenmesi ve Bunların Tespitine Dayalı Kontrol ve Analiz Yöntemlerinin Geliştirilmesi, Akademik Danışman, Yürürlükte, BİDEB - Eğitim Burs Ve Etkinlik Destekleri Grubu, BİDEB-2244 / Üniversite-Sanayi İşbirliği Modeli, BİDEB, Projeye Katılma/Ayrılma Tarihleri: 01.05.2023 - 01.05.2030, Proje Başlangıç/Bitiş Tarihleri: 01.05.2023 - 01.05.2030., 2023 - 2030

Kumral N. A., Akbudak N., Gençer N. S., TUBITAK Project, Domates Pas Akarı Aculops Lycopersici (Masse), (Acarina: Eriophyidae)?Ye Karşı Kullanılma Potansiyeli Olan Farklı Phytoseiid Türlerinin Etkinliğine Domates Çeşit Farklılıklarının Etkisi, 2020 - 2023

Akbudak N., Gomez G. M., H2020 Project, BRINGING INNOVATION AND SUSTAINABILITY ALONG THE WHOLE VALUECHAIN IN THE MEDITERRANEAN TOMATO INDUSTRY, 2019 - 2023

Akbudak N., Project Supported by Higher Education Institutions, Bazı Yeşil Yapraklı Sebze Türlerinde Organik Gübrelerin Kalite ve Verim Üzerine Etkileri., 2017 - 2020

AKBUDAK N., Project Supported by Higher Education Institutions, Sivri Biberin (Capsicum annum L. cv. Demre) Modifiye Atmosferde Muhafazasında 1-Methylcyclopropene, Salisilik Asit ve Kalsiyum Uygulamalarının Kalite Üzerine Etkisi, 2014 - 2020

AKBUDAK N., TUBITAK Project, Soğanlarda Allium cepa L Hibrit Tohum Üretimi İçin Gerekli Erkek Kısır ve İdameci Hatların Seçimi İçin Moleküler Markır Kullanılarak Safhatlar ve Yerel Soğan Popülasyonlarında Sitoplazmaların Belirlenmesi, 2011 - 2013

AKBUDAK N., BAŞAY S., Project Supported by Higher Education Institutions, Biber Fasulye ve Kıvrıkcık Salatada Chitosan Tricoderma Metil Jasmonate Uygulamalarının Botrytis Cinerea Sclerotonia Sclerotianum Patojenlerine ve Bitki Fizyolojisi Üzerine Etkileri, 2010 - 2012

Scientific Consultations

Türkiye İhracatçılar Meclisi, Scientific Consultancy, Bursa Uludağ University, ZİRAAT FAKÜLTESİ, BAHÇE BİTKİLERİ, Turkey, 2023 - Continues

Bursa Alan Başkanlığı, Scientific Consultancy, Bursa Uludağ University, Ziraat Fakültesi, Bahçe Bitkileri, Turkey, 2017 - Continues

Metrics

Publication: 60

Citation (WoS): 86

Citation (Scopus): 123

H-Index (WoS): 4

H-Index (Scopus): 6

Non Academic Experience

Professional Association, TÜRKİYE İHRACATÇILAR MECLİSİ, TARIM

Municipality, Bursa Alan Başkanlığı, Danışma Kurulu

Non-profit Organisation, Engelli Kadınlar Derneği, Dernek

BURSA ALAN BAŞKANLIĞI