

## Asst. Prof. GİZEM AKSU

### Personal Information

Office Phone: [+90 286 218 0018](tel:+902862180018) Extension: 23008

Other Email: [gizemaksu@comu.edu.tr](mailto:gizemaksu@comu.edu.tr)

Web: <https://avesis.comu.edu.tr/970>

### International Researcher IDs

ORCID: 0000-0003-2014-9454

Yoksis Researcher ID: 124471

### Education Information

Doctorate, Canakkale Onsekiz Mart University, Lisansüstü Eğitim Enstitüsü, Turkey 2015 - 2020

Postgraduate, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Toprak Bilimi Ve Bitki Besleme Anabilimdalı, Turkey 2011 - 2014

Undergraduate, Karadeniz Technical University, Ziraat Fakültesi, Toprak Bölümü, Turkey 2004 - 2008

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, THE EFFECTS OF POTASSIUM APPLICATIONS ON DROUGHT STRESS IN SUGAR BEET, Canakkale Onsekiz Mart University, Lisansüstü Eğitim Enstitüsü, 2020

Postgraduate, MARUL (*Lactuca sativa*) GELİŞİMİNDE KADMİYUM STRESİ ÜZERİNE İNDOL ASETİK ASİTİN ETKİSİ, Canakkale Onsekiz Mart University, Fen Bilimleri, Toprak Bilimi Ve Bitki Besleme Anabilimdalı, 2014

### Research Areas

Agricultural Sciences, Agriculture, Soil and Plant Feed, Nutritive Principles, Complete Fertilizers, Methods of Application, Grounded Feeding Applications, Soil Fertility, Acidity, Alkanility

### Academic Titles / Tasks

Research Assistant PhD, Canakkale Onsekiz Mart University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme, 2020 - Continues

Research Assistant, Canakkale Onsekiz Mart University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme, 2011 - 2020

### Published journal articles indexed by SCI, SSCI, and AHCI

1. The Effects of Potassium Applications on Drought Stress in Sugar Beet

AKSU G., ALTAY H.

SUGAR TECH, vol.22, no.6, pp.1092-1102, 2020 (SCI-Expanded)

II. **Selenium Concentrations of Selected Medicinal and Aromatic Plants in Turkey**

Ozkutlu F., Sekeroglu N., Koca U., Yazici G.

NATURAL PRODUCT COMMUNICATIONS, vol.6, no.10, pp.1469-1472, 2011 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Kuraklık Stresi Altında İndol Asetik Asitin Şeker Pancarına (Beta vulgaris L.) Etkisi**  
AKSU G., ALTAY H.  
GAZİOSMANPAŞA BİLİMSEL ARAŞTIRMA DERGİSİ (GBAD), 2022 (Peer-Reviewed Journal)
- II. **Şeker Pancarında (Beta vulgaris L.) Kuraklık Stresi Altında Bazı Mikro Besin Elementi İçerikleri Üzerine Potasyumun Etkisi**  
AKSU G., ALTAY H.  
Kadirli Uygulamalı Bilimler Fakültesi Dergisi, 2022 (Peer-Reviewed Journal)
- III. **The Effect of Potassium Application on Sugar Beet (Beta vulgaris L.) under Salt Stress**  
Altay H., Aksu G.  
International Journal of Innovative Approaches in Agricultural Research, vol.4, no.4, pp.414-422, 2020 (Peer-Reviewed Journal)
- IV. **POTASYUMUN DOMATESTE KÖK-UR NEMATODU (MELOIDOGYNE INCOGNITA) ÜZERİNE ETKİSİ**  
Arslan N., AKSU G., ALTAY H.  
Trakya University Journal of Engineering Sciences, 2020 (Peer-Reviewed Journal)
- V. **THE EFFECTS OF POTASSIUM APPLICATIONS ON DROUGHT STRESS IN SUGAR BEET: PART II. PLANT NUTRITION CONTENT**  
AKSU G., ALTAY H.  
Journal of Scientific Perspectives, 2020 (Peer-Reviewed Journal)
- VI. **THE EFFECTS OF POTASSIUM APPLICATIONS ON DROUGHTSTRESS IN SUGAR BEET: PART I. SUGAR BEET QUALITYCOMPONENTS**  
AKSU G., ALTAY H.  
Journal of Scientific Perspectives, 2020 (Peer-Reviewed Journal)
- VII. **The Effect of Potassium Application on Sugar Beet(Beta vulgaris L.) under Salt Stress**  
AKSU G., ALTAY H.  
Uluslararası tarım araştırmalarında yenilikçi yaklaşımlar dergisi (Online), 2020 (Peer-Reviewed Journal)
- VIII. **Kadmiyum ile kirli alanlarda bitki besin elementlerinin alınımı üzerine indol asetik asitin etkisi**  
AKSU G.  
Toprak Bilimi ve Bitki Besleme Dergisi, 2019 (Peer-Reviewed Journal)
- IX. **Kadmiyum ile Kirli Alanlarda Bazı Elementlerin Alınımı Üzerine Hümik Asitin Etkisi**  
AKSU G.  
Süleyman Demirel Üniversitesi Ziraat Fakültesi Dergisi, 2018 (Peer-Reviewed Journal)
- X. **Vermikompostun Bazı Toprak Özellikleri ve Pazı Bitkisinde Verim Üzerine Etkisi**  
KÖKSAL S. B., AKSU G., ALTAY H.  
Çanakkale Onsekiz Mart Üniversitesi Ziraat Fakültesi Dergisi, vol.5, no.2, pp.123-128, 2017 (Peer-Reviewed Journal)
- XI. **Yapraktan Uygulanan Potasyum İyodürün Roka (Eruca vesicaria) Bitkisinin İyotça Zenginleştirilmesine Etkisi**  
AKSU G., TEMEL E., ALTAY H.  
Çanakkale Onsekiz Mart Üniversitesi Ziraat Fakültesi Dergisi, vol.5, no.2, pp.97-104, 2017 (Peer-Reviewed Journal)
- XII. **Comparison of iodine application methods in Rocket Plant**  
AKSU G., TEMEL E., ALTAY H.  
Agronomy Research, vol.15, no.1, 2017 (Scopus)

- XIII. **The importance of Turkish hazelnut trace and heavy metal contents for human nutrition**  
YAZICI G.  
JOURNAL OF SOCIAL SCIENCE AND ENVIRONMENTAL MANAGEMENT (JSSEM), 2011 (Peer-Reviewed Journal)

### **Papers Published in Refereed Scientific Meetings**

- I. **The Effect of Indole Acetic Acid on Forage Soybean under Drought Stress**  
AKSU G.  
VI. International Anatolian Agriculture, Food, Environment and Biology Congress, Turkey, 07 October 2022
- II. **The Effect of Indole Acetic Acid on Sugar Beet (Beta vulgaris L.) under Salt Stress**  
AKSU G.  
International Congress and Workshop on Agricultural Structures and Irrigation, Diyarbakır, Turkey, 12 May 2022
- III. **The Effect Of Potassium On Some Physiological Parameters Under Salt Stress**  
AKSU G., ALTAY H.  
III. BALKAN AGRICULTURAL CONGRESS, Edirne, Turkey, 29 August 2021
- IV. **THE EFFECT OF POTASSIUM ON SUGAR BEAT UNDER SALT STRESS**  
AKSU G., ALTAY H.  
II. International Agricultural, Biological Life Science Conference, 1 - 03 September 2020
- V. **THE EFFECT OF POTASSIUM ON ROOT-KNOT NEMATODE (MELOIDOGYNE INCOGNITA) IN TOMATO**  
Arslan N., AKSU G., ALTAY H.  
II. International Agricultural, Biological Life Science Conference, 1 - 03 September 2020
- VI. **EFFECTS OF HUMIC ACID APPLICATIONS ON LETTUCE GROWTH AND ONSOME PROPERTIES OF SOIL CONTAMINATED BY CADMIUM**  
AKSU G.  
VIII International Scientific Agriculture Symposium, 5 - 08 October 2017
- VII. **EFFECT OF IODINE ON GERMINATION AND YIELD IN ROCKET (Eruca vesicaria) PLANT**  
AKSU G., AKARSLAN B. S., ALTAY H.  
VIII International Scientific Agricultural Symposium, 5 - 08 October 2017
- VIII. **Morphologic and Elemental Differences in Cultivated a Natural Population of Sarıkız Herbal Tea (Sideritis trojana Bornm.)**  
TÜRKMEN O. S., AKSU G.  
VIII. INTERNATIONAL SYMPOSIUM ONECOLOGY AND ENVIRONMENTAL PROBLEMS, 4 - 07 October 2017, no.1
- IX. **Heavy Metal Content of Cultivated and Natural Population of Sarıkız Tea (Sideritis trojana Bornm.)**  
AKSU G., TÜRKMEN O. S.  
VIII. INTERNATIONAL SYMPOSIUM ONECOLOGY AND ENVIRONMENTAL PROBLEMS, 4 - 07 October 2017
- X. **Kadmiyum ile Kirli Alanlarda Bitki Besin Elementlerinin Alınımı Üzerine İndol Asetik Asitin Etkisi**  
AKSU G.  
5. Uluslararası Katılımlı Toprak ve Su Kaynakları Kongresi, 12 - 15 September 2017
- XI. **Kirliliğe Neden Olan Bazı Elementlerin Alınımına İndol Asetik Asitin Etkisi**  
AKSU G.  
5. Uluslararası Katılımlı Toprak ve Su Kaynakları Kongresi, 12 - 15 September 2017
- XII. **Comparison of iodine application methods in Rocket Plant**  
AKSU G., TEMEL e., ALTAY H.  
8th International Conference on Biosystems Engineering, 11 - 13 May 2017
- XIII. **Kadmiyum Birikimi Olan Alanlarda Bitki Besin Elementlerinin Alınımı Üzerine İndol Asetik Asitin Etkisi**  
YAZICI G.  
7. Ulusal Bitki Besleme ve Gübre Kongresi, Turkey, 12 - 15 October 2016
- XIV. **Kadmiyum Birikimi Olan Alanlarda Bitki Besin Elementlerinin Alınımı Üzerine İndol Asetik Asitin Etkisi**

AKSU G., MÜFTÜOĞLU N. M.

7. Ulusal Bitki Besleme ve Gübre Kongresi, Adana, Turkey, 12 - 15 October 2016, pp.37-39

**XV. The Effect on some Macro micro Element Contents and Growth of Rocket Plant *Eruca sativa* m of Growing Media and Salt Applications**

YAZICI G., Kutlu E., BENDER ÖZENÇ D.

9th International Soil Science Congress on "The Soul of Soil and Civilization, 14 - 16 October 2014, pp.202-208

## **Supported Projects**

AKSU G., Project Supported by Higher Education Institutions, Kuraklık Stresi Altında İndol Asetik Asit Uygulamasının Yemlik Soya Fasulyesine Etkisi, 2021 - Continues

AKSU G., Project Supported by Higher Education Institutions, İndol Asetik Asitin IAA Tuz Stresi Altında Şeker Pancarının Beta vulgaris L Morfolojik Fizyolojik ve Kimyasal Özellikleri Üzerindeki Etkisi, 2021 - Continues

ALTAY H., AKSU G., Project Supported by Higher Education Institutions, TUZ STRESİ ALTINDA ŞEKER PANCARINDA POTASYUMUN ETKİSİ, 2018 - 2020

ALTAY H., AKSU G., Project Supported by Higher Education Institutions, KURAKLIK STRESİ ALTINDA ŞEKER PANCARINDA İNDOL ASETİK ASİTİN ANTIOKSİDAN ENZİMLER ÜZERİNE ETKİSİ, 2017 - 2017

ALTAY H., temel e., YAZICI G., Project Supported by Higher Education Institutions, Potasyum İyodür Uygulamasının Roka Bitkisinde İyot İçeriği Üzerine Etkisi, 2016 - 2016

## **Metrics**

Publication: 33

Citation (WoS): 33

Citation (Scopus): 40

H-Index (WoS): 2

H-Index (Scopus): 2