

## Lect. PhD HASAN KALE

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: ABC-7476-2021

ScopusID: 57189488698

Yoksis Researcher ID: 268522

### Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Tarla Bitkileri (Dr), Turkey 2020 - Continues

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Tarla Bitkileri, Turkey 2014 - 2016

Undergraduate, Erciyes University, Seyrani Ziraat Fakültesi, Tarla Bitkileri Bölümü, Turkey 2010 - 2014

### Research Areas

Infield Plants

### Academic Titles / Tasks

Lecturer, Yozgat Bozok University, Boğazlıyan Meslek Yüksekokulu, Bitkisel ve Hayvansal Üretim, 2017 - Continues

### Academic and Administrative Experience

Assistant Director of Vocational School, Yozgat Bozok University, Boğazlıyan Meslek Yüksekokulu, -, 2023 - Continues

Vocational School Management Board Member, Yozgat Bozok University, Boğazlıyan Meslek Yüksekokulu, 2023 - Continues

Vocational School Board Member, Yozgat Bozok University, Boğazlıyan Meslek Yüksekokulu, 2023 - Continues

Chairperson of Unit Quality Commission, Yozgat Bozok University, Boğazlıyan Meslek Yüksekokulu, 2023 - Continues

Adaptation/Exemption Committee Member, Yozgat Bozok University, Boğazlıyan Meslek Yüksekokulu, Bitkisel Ve Hayvansal Üretim, 2021 - Continues

Deputy Director of the Center, Yozgat Bozok University, 2020 - 2022

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

- I. **EFFECTS OF HERBICIDAL TREATMENTS IN "FINOLA" HEMP VARIETY (CANNABIS SATIVA L.)**  
Kale K., IŞIK D., KALE H., YILMAZ G.  
Comptes Rendus de L'Academie Bulgare des Sciences, vol.77, no.11, pp.1732-1740, 2024 (SCI-Expanded)
- II. **Biochemical composition of selected lines from sorghum (Sorghum bicolor L.) landraces**  
Kardes Y. M., KAPLAN M., KALE H., Yilmaz M. F., KARAMAN K., Temizgluel R., AKAR T.  
PLANTA, vol.254, no.2, 2021 (SCI-Expanded)
- III. **Characterization of Local Sorghum (Sorghum bicolor L.) Population Grains in Terms of Nutritional Properties and Evaluation by GT Biplot Approach**  
KAPLAN M., KALE H., Kardes Y. M., KARAMAN K., KAHRAMAN K., Yilmaz M. F., TEMİZGÜL R., AKAR T.  
STARCH-STARKE, vol.72, 2020 (SCI-Expanded)
- IV. **Water deficit and nitrogen affects yield and feed value sudangrass silage**  
Kaplan M., KARA K., Unlukara A., Kale H., BÜYÜKKILIÇ BEYZİ S., VAROL İ. S., Kizilsimsek M., Kamalak A.  
AGRICULTURAL WATER MANAGEMENT, vol.218, pp.30-36, 2019 (SCI-Expanded)
- V. **Phytic acid content and starch properties of maize (Zea mays L.): Effects of irrigation process and nitrogen fertilizer**  
KAPLAN M., KARAMAN K., Kardes Y. M., KALE H.  
FOOD CHEMISTRY, vol.283, pp.375-380, 2019 (SCI-Expanded)
- VI. **Nutritional composition of potato (Solanum tuberosum L.) Haulms**  
KAPLAN M., ÜLGER İ., Kokten K., UZUN S., Oral E. V., ÖZAKTAN H., TEMİZGÜL R., Kale H.  
PROGRESS IN NUTRITION, vol.20, pp.90-95, 2018 (SCI-Expanded)
- VII. **FEED VALUE OF MAIZE (Zea mays var. indentata (Sturtev.) LH Bailey) GRAIN UNDER DIFFERENT IRRIGATION LEVELS AND NITROGEN DOSES**  
KALE H., KAPLAN M., ÜLGER İ., ÜNLÜKARA A., AKAR T.  
TURKISH JOURNAL OF FIELD CROPS, vol.23, no.1, pp.56-61, 2018 (SCI-Expanded)
- VIII. **GT Biplot Analysis for Silage Potential, Nutritive Value, Gas and Methane Production of Stay-Green Grain Sorghum Shoots**  
KAPLAN M., Arslan M., KALE H., KARA K., KÖKTEN K.  
CIENCIA E INVESTIGACION AGRARIA, vol.44, no.3, pp.230-238, 2017 (SCI-Expanded)
- IX. **Influence of different irrigation and nitrogen levels on crude oil and fatty acid composition of maize (Zea mays L.)**  
KAPLAN M., Kale H., KARAMAN K., ÜNLÜKARA A.  
GRASAS Y ACEITES, vol.68, no.3, 2017 (SCI-Expanded)
- X. **CHANGE IN YIELD AND CHEMICAL COMPOSITION OF TALL FESCUE (Festuca arundinacea Schreb.) PLANTS UNDER SALT STRESS**  
KAPLAN M., Baser M., Kale H., İRİK H. A., ÜLGER İ., ÜNLÜKARA A.  
TURKISH JOURNAL OF FIELD CROPS, vol.22, no.2, pp.204-210, 2017 (SCI-Expanded)
- XI. **THE EFFECTS OF DIFFERENT NITROGEN DOSES AND IRRIGATION LEVELS ON YIELD, NUTRITIVE VALUE, FERMENTATION AND GAS PRODUCTION OF CORN SILAGE**  
KAPLAN M., Baran O., ÜNLÜKARA A., Kale H., Arslan M., KARA K., BÜYÜKKILIÇ BEYZİ S., KONCA Y., ULAŞ A.  
TURKISH JOURNAL OF FIELD CROPS, vol.21, no.1, pp.101-109, 2016 (SCI-Expanded)

## Articles Published in Other Journals

- I. **EFFECTS OF DIFFERENT IRRIGATION LEVELS AND NITROGEN DOSES ON MINERAL CONTENTS OF MAIZE GRAINS**  
KAPLAN M., KALE H., İRİK H. A., KARDEŞ Y. M., VAROL İ. S., ÇİFTÇİ B., ÜNLÜKARA A.  
Current Trends in Natural Sciences, vol.11, no.22, pp.108-116, 2022 (Peer-Reviewed Journal)
- II. **Effects of Maturity Stages on Hay Yield and Quality, Gas and Methane Production of Quinoa (Chenopodium quinoa Willd.)**  
Uke O., Kale H., KAPLAN M., Kamalak A.

KAHRAMANMARAS SUTCU IMAM UNIVERSITY JOURNAL OF NATURAL SCIENCES, vol.20, no.1, pp.42-46, 2017 (ESCI)

- III. **Olgunlaşma Döneminin Teff Otunun Potansiyel Besleme Değeri, Gaz ve Metan Üretimine Etkisi**  
KAPLAN M., ÜKE Ö., KALE H., YAVUZ S., KURT Ö., ATALAY A. İ.  
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.6, no.4, pp.181-186, 2016 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Yabancı Otların Yem Bitkileri Üzerindeki Etkileri: Rekabet, Besin Değerleri ve Yönetim Stratejileri**  
KALE K., KALE H., IŞIK D.  
in: Tarım, Orman ve Su Bilimlerinde Yeni Vizyonlar: Kavramlar - Kuramlar - Uygulamalar, , Editor, Duvar Yayınları, İzmir, pp.102-111, 2024
- II. **Sürdürülebilir Tarımda Mikrobiyal Gübre Kullanımı**  
KALE H.  
in: Ziraat, Orman ve Su Ürünleri Alanında Güncel Tartışmalar, Atilla ATİK, Editor, Duvar Yayınları, İzmir, pp.127-141, 2022

## Refereed Congress / Symposium Publications in Proceedings

- I. **Maize First Cob Height Estimation Using Machine Learning Methods**  
Kale H., Yıldırım Z., Kaplan M., Durmuş A.  
4. Uluslararası Türk Dünyası Mühendislik ve Fen Bilimleri Kongresi, Antalya, Turkey, 1 - 04 November 2023, vol.1, pp.1181-1188
- II. **Macro Nutrient Uptake of Tall Fescue (*Festuca arundinacea*) as Effected by Salt Stress**  
KAPLAN M., ÜNLÜKARA A., VAROL İ. S., KALE H.  
II. International Conference on Engineering Technology and Innovation (ICETI), Budapest, Hungary, 7 - 11 March 2018
- III. **Effects of Salt Stress on Micro Mineral Contents of Tall Fescue (*Festuca arundinacea*)**  
KAPLAN M., ÜNLÜKARA A., KALE H., KÖKTEN K.  
IV. International Multidiciplinary Congress of Eurasia, 23 - 25 August 2017
- IV. **Effects of salt stress on micro mineral contents of tall fescue (*Festuca arundinacea*)**  
KAPLAN M., UNLUKARA A., KALE H., KÖKTEN K.  
International Multidisciplinary Congress of Eurasia, ROMA, Italy, 23 - 25 August 2017, vol.1, pp.20
- V. **Herbage yield and quality of different narbon vetch lines and cultivars**  
KAPLAN M., KÖKTEN K., KALE H., AKÇURA M., SATANA A., KARDEŞ Y. M.  
2nd International Balkan Agriculture Congress, Tekirdağ, Turkey, 16 - 18 May 2017, vol.1, pp.120-126
- VI. **Yield and yield parameters of maize plants as influenced by irrigation x nitrogen interactions**  
KAPLAN M., KALE H., UNLUKARA A., VAROL İ. S., KÖKTEN K.  
International Conference on Agriculture, Forest, Food Sciences and Technologies, Nevşehir, Turkey, 15 - 17 May 2017, vol.1, pp.174
- VII. **The effects of different nitrogen doses and irrigation levels on yield and plant water consumption of silage corn**  
KAPLAN M., KALE H., İRİK H. A., ÜNLÜKARA A.  
8th International Conference on Biosystems Engineering, 11 - 13 May 2017, vol.1, pp.145
- VIII. **Variations in seed nutrient content of different bitter vetch (*Vicia ervilia* Willd.) lines**  
KAPLAN M., KÖKTEN K., YILMAZ M. F., TUTAR H., KALE H.  
3rd International Conference on Engineering and Natural Sciences, Budapest, Hungary, 3 - 07 May 2017, vol.1, pp.656-660
- IX. **Morphological characterization of Turkish sorghum (*Sorghum bicolor* L.) landrace**

KAPLAN M., TEMİZGÜL R., KALE H., Yılmaz M. F., Kardeş Y. M., Tal E., AKAR T.

International Symposium on Biodiversity and Edible Wild Species, Antalya, Turkey, 3 - 05 April 2017

## Supported Projects

Kale H., Project Supported by Higher Education Institutions, Mikrobiyal Ve Kimyasal Gübrelerle Desteklenmiş Farklı Kaynaklı Organik Gübrelerin Silajlık Mısırdaki Verim Ve Kalite Üzerine Etkileri, 2023 - 2026

KALE H., Project Supported by Higher Education Institutions, Farklı Çalı Türlerinde Besin İçeriklerinin Mevsimsel Değişimi, 2017 - 2017

KALE H., Project Supported by Higher Education Institutions, Farklı Sulama Seviyeleri ve Azot Dozları Altında Mısırdaki (Zea mays) Tane Verimi, Verim Özellikleri ve Tanenin Biyokimyasal Yapısındaki Değişimler, 2015 - 2017

TUBITAK Project, Türkiye Yerel Sorgum (Sorghum bicolor L.) Genotiplerinin Morfolojik, Kimyasal ve Moleküler Karakterizasyonu, 2014 - 2017

KALE H., Project Supported by Higher Education Institutions, Hasat Sonrası Yeşil Kalan Tane Sorgum genotiplerinin Silaj olarak değerlendirilmesi, 2015 - 2016

## Metrics

Publication: 25

Citation (WoS): 55

Citation (Scopus): 177

H-Index (WoS): 8

H-Index (Scopus): 7

## Awards

Kale H., Yayın Teşvik Ödülü, Tübitak, August 2021

Kale H., Yayın Teşvik Ödülü, Tübitak, June 2020