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Education Information

Doctorate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Bitki Koruma (Dr), Turkey 2009 - 2020

Postgraduate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Bitki Koruma (YI) (Tezli), Turkey 2005 - 2009

Undergraduate, Ondokuz Mayıs University, Ziraat Fakültesi, Bitkisel Üretim Ve Teknolojileri Bölümü, Turkey 2001 - 2005

Foreign Languages

English, A1 Beginner

Dissertations

Doctorate, Türkiye'de mısır ekim alanlarındaki fusarium koçan çürüklüğü hastalık etmenlerinin bulunma oranları, yaygınlığı, fumonisin oluşturma durumları ve moleküler karakterizasyonu, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Bitki Koruma (Dr), 2021

Postgraduate, Buğdayda kök-boğazı çürüklüğü ve başak yanıklığı etmeni fusarium culmorum (W.G.Sm) Sacc. ve oluşturduğu deoksinivalenol düzeyleri arasındaki ilişkinin belirlenmesi, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Bitki Koruma (YI) (Tezli), 2009

Academic Titles / Tasks

Research Assistant, Ondokuz Mayıs University, Samsun Meslek Yüksekokulu, Bitkisel ve Hayvansal Üretim Bölümü, 2009 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Genetic diversity and mating-type frequency of Exserohilum turcicum in Turkey**
Turgay E. B., ÇELİK OĞUZ A., olmez F., Tunalı B., KURT Ş., Akcalı E., Baran B., Büyük O., Helvacıoglu O., Enginsu S., et al.
JOURNAL OF PHYTOPATHOLOGY, vol.169, no.9, pp.570-576, 2021 (SCI-Expanded)
- II. **Thiophanate methyl susceptibility and alterations in tri5, Mgv1 and StuA expression among Fusarium graminearum and F-culmorum isolates**
YÖRÜK E., Sefer O., Tunalı B., Kansu B., Sharifnabi B., Yli-Mattila T.
JOURNAL OF PLANT PATHOLOGY, vol.100, no.3, pp.447-455, 2018 (SCI-Expanded)

- III. **Characterization of high-level deoxynivalenol producer *Fusarium graminearum* and *F.culmorum* isolates caused head blight and crown rot diseases in Turkey**
YÖRÜK E., Tunalı B., Kansu B., Olmez F., Uz G., Zümrüt I. M., Sarıkaya A., Meyva G.
JOURNAL OF PLANT DISEASES AND PROTECTION, vol.123, no.4, pp.177-186, 2016 (SCI-Expanded)
- IV. **Assessment of *Boeremia exigua* var. *rhapontica*, as a biological control agent of Russian knapweed (*Rhaponticum repens*)**
Berner D., Cavin C., Woudenberg J. H. C., Tunalı B., Büyük O., Kansu B.
BIOLOGICAL CONTROL, vol.81, pp.65-75, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **Buğday Bitkilerinde Kök Çürüklüğüne Neden Olan *Bipolaris* Spp. İzolatlarının Patojenitesi**
TUNALI B., MALDAR B. M., KANSU B., OLMEZ F.
Türk Tarım - Gıda Bilim ve Teknoloji dergisi, vol.11, no.3, pp.13-19, 2023 (Peer-Reviewed Journal)
- II. **First Report on Identification of *Fusarium graminearum* Species Complex Members from Turkey and Iran**
TUNALI B., YÖRÜK E., SEFER Ö., KANSU B., SHARİFNABİ B.
Türk Tarım - Gıda Bilim ve Teknoloji dergisi, vol.7, no.7, pp.1040-1045, 2019 (Peer-Reviewed Journal)
- III. **Determination of Distribution, Pathogenicity and Resistance of Some Varieties of Sugar Beet to *Cercospora beticola* Sacc. in Turkey**
TUNALI B., KANSU B., KUTLUK YILMAZ N. D., MEYVA G., KAYA R.
Journal of Turkish Phytopathology, vol.47, no.1, pp.21-30, 2018 (Peer-Reviewed Journal)
- IV. **Türkiye’xxde Şeker Pancarında *Cercospora beticola* Sacc.’xxnın Yaygınlığı, Patojenitesi ve Bazı Çeşitlerin Dayanırlılığının Belirlenmesi**
TUNALI B., KANSU B., KUTLUK YILMAZ N. D., Meyva G., Kaya R.
Journal of Turkish Phytopathology, vol.47, no.1, pp.21-30, 2018 (Peer-Reviewed Journal)
- V. **Genotyping via Sequence Related Amplified Polymorphism Markers in *Fusarium culmorum***
ZÜMRÜT I. M., TUNALI B., KANSU B., UZ G., YÖRÜK E., ÖLMEZ F., SARIKAYA A.
Türk Tarım - Gıda Bilim ve Teknoloji dergisi, vol.6, no.2, pp.145-149, 2018 (Peer-Reviewed Journal)
- VI. **The Determination of Their Efficiency Against *Fusarium* Root and Crown Rot Diseases of Some Antagonistic *Trichoderma* and Endophytic *Acremonium* Isolates**
TUNALI B., TOSUN C., MALDAR B. M., MEYVA G., KANSU B.
Türk Tarım - Gıda Bilim ve Teknoloji dergisi, vol.6, no.3, pp.266-272, 2018 (Peer-Reviewed Journal)
- VII. **The spread of Northern [*Exserohilum turcicum* (Pass.) K.J. Leonard & Suggs] and Southern [*Bipolaris maydis* (Y.Nisk. & C. Miyake) Shoemaker] leaf blight diseases in main corn (*Zea mays* L.) production areas in Turkey**
TURGAY E. B., BÜYÜK O., TUNALI B., KURT Ş., AKÇALI E., BARAN B., HELVACIOĞLU Ö., ENGİNSU S., KANSU B.
Bitki Koruma Bülteni, vol.57, no.3, pp.357-372, 2017 (Peer-Reviewed Journal)
- VIII. **Samsun ve Ordu illerinden toplanan mısır koçanlarındaki fungal floranın değışiminin belirlenmesi**
TUNALI B., KANSU B., Maldar M., Meyva G., Saygı S.
Bitki Koruma Bülteni, vol.56, no.4, pp.369-383, 2016 (Peer-Reviewed Journal)
- IX. **Biological control studies on *Convolvulus arvensis* L with fungal pathogens collected from the central Black Sea region of Turkey**
TUNALI B., KANSU B., Dana B.
Journal of Turkish Phytopathology, vol.38, no.1-3, pp.1-8, 2009 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Determination of the *Fusarium* spp. relationship between wild grasses and wheat plants**

TUNALI B., KANSU B., KUTBAY H. G.

Soil Borne Nematodes and Fungal Pathogens of Cereals: Advanced in Management, Ankara, Turkey, 26 September 2022, pp.271-278

- II. **Molecular characterization of *Bipolaris sorokiniana* Sacc. isolates obtained from wheat plants in different agro ecological regions in Türkiye**
Demir Sarıaslan D., KANSU B., ÖLMEZ F., TUNALI B.
8th INTERNATIONAL CEREAL NEMATODES SYMPOSIUM, Bolu, Turkey, 26 September 2022, pp.369-374
- III. **THIOPHANATE METHYL SUSCEPTIBILITY AND ALTERATIONS IN GENE EXPRESSION OF *FUSARIUM GRAMINEARUM* AND *F. CULMORUM* ISOLATES**
SEFER Ö., YÖRÜK E., TUNALI B., KANSU B., SHARIFNABI B., YLIMATTILA T.
IX International Scientific Agriculture Symposium, SARAYBOSNA, Bosnia And Herzegovina, 4 - 07 October 2018, pp.714
- IV. **Non-systemic endophytes from some native Turkish grasses seeds**
TUNALI B., KUTBAY H. G., KANSU B.
15th International Symposium of bio-control and biotechnology, 17 - 20 October 2017
- V. **Non-systemic fungal endophytes from some native Turkish grasses seeds**
TUNALI B., KANSU B., KUTBAY H. G.
The 15th International Symposium on Biocontrol and Biotechnology, 17 - 20 October 2017
- VI. **Bazı antagonist *Trichoderma* ve Endofitik *Acremonium* izolatlarının *Fusarium* kök ve kök boğazı hastalıklarına karşı etkinliklerinin belirlenmesi**
TUNALI B., TOSUN C., MALDAR M., MEYVA G., KANSU B.
1. Uluslararası Organik Tarım ve Biyoçeşitlilik, 27 - 29 September 2017
- VII. **Pathogenic races of *Exserohilum turcicum* on main corn production areas in Turkey**
TURGAY E. B., BÜYÜK O., TUNALI B., KURT Ş., HELVACIOĞLU Ö., AKÇALI E., BARAN B., ENGİNSU S., KANSU B.
28th International Scientific Expert Conference of Agriculture and Food Industry, 27 - 29 September 2017
- VIII. **The Determination of Their Efficiency Against *Fusarium* Root and Crown Rot Diseases of Some Antagonistic *Trichoderma* and Endophytic *Acremonium* Isolates**
TUNALI B., Tosun C., Maldar M., Gonca M., KANSU B.
I. International Organic Agriculture and Biodiversity, Bayburt, Turkey, 27 - 29 September 2017, pp.42
- IX. **Determination of Fumonisin B1 , B2 in corn by highperformance liquid chromatography and contamination in preharvest and different stored conditions and times in Samsun province**
TUNALI B., KARA M., KANSU B.
International Green Biotechnology Congress, İstanbul, Turkey, 11 - 13 September 2017, pp.117
- X. **Determination of Fumonisin B1, B2 in corn by high performance liquid chromatography and contamination in preharvest and different stored conditions and times in Samsun province**
KANSU B., KARA M., TUNALI B.
International Green Biotechnology Congress, 11 - 13 September 2017
- XI. **Chemical Control Studies on Powdery Mildew *Erysiphe corylacearum* disease of hazelnut in Samsun and Sakarya provinces**
TUNALI B., KANSU B.
IX. International Congress of Hazelnut, 15 - 18 August 2017
- XII. **Genotyping via sequence related amplified polymorphism markers in *Fusarium culmorum***
ZÜMRÜT İ. M., TUNALI B., KANSU B., UZ G., YÖRÜK E., ÖLMEZ F., SARIKAYA A.
2. International Balkan Agricultural Congress, 16 - 18 May 2017
- XIII. **Investigation of *Fusarium* spp isolated from healthy wild cereals associated with seedling blight of wheat**
TUNALI B., KANSU B., Meyva G., Maldar M., KUTBAY H. G.
27.th International Scientific Expert Congress of Agriculture and Food Industry, 26 - 28 September 2016, pp.271
- XIV. **Ülkemizde *Zymoseptoria tritici* gen fonksiyonu çalışmalarında gen silme tekniğinin optimizasyonu**
Ölmez F., Mustafa Z., KANSU B., TUNALI B., AKKAYA M.
Türkiye VI. Bitki Koruma Kongresi, 5 - 08 September 2016

- XV. **Türkiye nin mısır ekim alanlarında bazı önemli toksigenik fungusların tespiti ve yaygınlıklarının belirlenmesi**
KANSU B., TUNALI B.
Türkiye VI. Bitki Koruma Kongresi, 5 - 08 September 2016
- XVI. **Türkiye Önemli Mısır alanlarında kuzey yaprak yanıklığı Exherohilum turcicum Pass hastalığının yaygınlığı**
Turgay E. B., Büyük O., TUNALI B., KURT Ş., Akçalı E., Baran B., Helvacioğlu Ö., Saygi S., KANSU B.
Türkiye VI. Bitki Koruma Kongresi, 5 - 08 September 2016
- XVII. **The spread of Southern Leaf Blight Exserohilum turcicum Pass in Main Corn Agricultural Areas in Turkey**
TURGAY B., BÜYÜK O., TUNALI B., KURT Ş., AKÇALI E., BARAN B., HELVACIOĞLU Ö., SAYGI S., KANSU B.
Turkey 6th Plant Protection Congress with International Participation, Konya, Turkey, 5 - 08 September 2016
- XVIII. **Determination of the Fusarium spp Causing Ear Rot and Their Toxins on Maize in Southeast Anatolia**
ÖLMEZ F., BARAN B., KAYMAK T., KANSU B., TANTEKİN S., ÇELİK Y., BARS ORAK A., TUNALI B.
Turkey 6th Plant Protection Congress with International Participation, Konya, Turkey, 5 - 08 September 2016
- XIX. **Türkiye nin Mısır Ekim Alanlarındaki Bazı Önemli Toksigenik Fungusların Tespiti ve Yaygınlıklarının Belirlenmesi**
KANSU B., TUNALI B.
Turkey 6th Plant Protection Congress with International Participation, Konya, Turkey, 5 - 08 September 2016
- XX. **Distribution pathogenicity morphology and molecular diversity of Bipolaris sorokiniana isolates from Turkey**
Sarıaslan D. D., KANSU B., TUNALI B.
APS Annual Meeting, 30 July - 03 August 2016
- XXI. **Sequence related amplified polymorphism and elongationfactor 1 alpha based genotyping in Fusarium graminearum species complex**
Zümrüt I. M., TUNALI B., KANSU B., UZ G., YÖRÜK E., Sharifnabi B., Ölmez F., Sarıkaya A.
Seab 2016, 23 - 27 May 2016, pp.511
- XXII. **Characterization of High level Deoxynivalenol producer usarium graminearum and F culmorum isolates from Turkey**
YÖRÜK E., TUNALI B., KANSU B., Ölmez F., Meyva G., UZUN GÖREN G., Zümrüt I. M., Sarıkaya A.
Seab 2016, 23 - 27 May 2016, pp.139
- XXIII. **Characterization of Level of Deoxynivalenol Producer Fusarium graminearum and F culmorum isolates from Turkey**
YÖRÜK E., KANSU B., TUNALI B., ÖLMEZ F., MEYVA G., UZ G., ZÜMRÜT I. M., SARIKAYA A.
Symposium on EuroAisan Biodiversity, Antalya, Turkey, 23 - 27 May 2016
- XXIV. **Enzymatic Activity of Endophytic Fusarium spp and Effectiviness on Fusarium Crown Rot Disease of Wheat**
TUNALI B., KANSU B., GÜREL A. F., ÖLMEZ F., ÇEPNİ F. E.
miCROPe 15 Congress, 23 - 26 November 2015, pp.219
- XXV. **Genotyping and discrimination of endophytic and pathogenic fungal isolates by RAPD markers a case study for Fusarium spp originating from cereal field locations**
ELİF Y. Ç., KARAHALİL B., KANSU B., TUNALI B., GÜREL A. F.
Green Biotechnology Workshop, 21 - 23 September 2015, pp.16
- XXVI. **Distribution of the Fusarium and Gibberella Ear Rot Diseases in Maize Ears from Different Agro Ecological Zones in Turkey**
KANSU B., TUNALI B.
13th Fusarium Seminar, MARTINA FRANCA, Italy, 10 - 14 May 2015
- XXVII. **Genetic characterization by ITS RFLP of Fusarium equiseti strains from cereal and other hosts in different agro ecological zones of Turkey**
KILINÇ F., KANSU B., TUNALI B.
13.Fusarium seminar, Marina Franca, Italy, 10 - 14 May 2015

- XXVIII. **The molecular characterization and determination of genetic variability in *Fusarium verticilloides* strains isolated from maize in Turkey**
KANSU B., Patricia M., Gonzalez Jaen M. T., TUNALI B.
12th European Fusarium Seminar, Bordeaux, France, 12 - 16 May 2013, pp.167
- XXIX. **Muş, Bitlis ve Van İllerinde Buğdayda Kök ve Kök boğazı Çürüklüğü Hastalığı Üzerine Araştırmalar**
ÖLMEZ F., KANSU B., Öztürk Tantekin S., TUNALI B.
Türkiye IV. Bitki Koruma Kongresi, Kahramanmaraş, Turkey, 28 - 30 June 2011, pp.343
- XXX. **Buğday’da *Fusarium culmorum*’un Bitki Bunyesindeki Sistemik Yayılımı ve Deoksinivalenol Olusununun Arastırılması**
KANSU B., TUNALI B.
Türkiye III. Bitki Koruma Kongresi, Van, Turkey, 15 - 19 July 2009, pp.257

Supported Projects

Kansu B., Project Supported by Higher Education Institutions, 13th European Fusarium - Pathogenicity, Mycotoxins, Taxonomy, Genomics, Biosynthesis, Metabolomics, Resistance, Disease Control, 2015 - 2015