



TAGEM
R&D AND INNOVATION

TRAKYA AGRICULTURAL RESEARCH INSTITUTE -
EDİRNE

Banu TÜLEK, MSc. Agricultural Engineer

EDUCATION

- PhD**
2018-
Namık Kemal University
Agriculture Faculty - Natural and
Applied Sciences Plant Protection -
continues
- MSc**
2011-2014
Namık Kemal University
Agriculture Faculty - Natural and
Applied Sciences Plant Protection
- Bachelor's Degree**
2004-2008
Sütçü İmam University
Agriculture Faculty, Horticulture crops

LANGUAGE English YÖKDİL 71.25

CAREER

- 2016 – Agricultural Engineer - Trakya Agricultural Research
Institute – EDİRNE
- 2011-2016 – Agricultural Engineer - Edirne Province Extension
Center – EDİRNE
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ABOUT ME

I was born in Istanbul, Bakırköy in 1982. I graduated from Kahramanmaraş Sütçü İmam University Faculty of Agriculture in 2008. I took part in the Barley, Wheat breeding and plant protection projects and the National Research Project for Diseases of Temperate Cereals. I carried out projects on plant pathogenic viruses.

The doctoral project titled "Determination of the races of leaf rust (*Puccinia triticina* Eriks) in wheat and the reactions of some genotypes against the aggressor races in Thrace Region." continues.

CONTACT

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▪ **PROJECTS**

▪ **Projects Conducted**

1. Determination of Reactions of Some Bread and Durum Wheat Varieties to Wheat Gall Nematode [*Anguina tritici* (Steinbuch) Filipjev] 2019-2020, TÜBİTAK 1002, Project No: 118O777

▪ **Ongoing Projects**

1. National Research Project for Diseases of Temperate Cereals.
2. Oilseed Pumpkin Breeding Works in Trakya - Marmara Region
3. Wheat Breeding Works in Trakya - Marmara Region
4. Barley Breeding Works in Trakya - Marmara Region
5. Studies on Leaf Rust (*Puccinia triticina*) in Wheat in Trakya Region



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■ PUBLICATIONS

■ INTERNATIONAL ARTICLES AND PAPERS

■ Articles Published in International Journals

1. Tulek, A., Kepenekci, I., Cobanoglu, S., Hekimhan, H., Devran, Z., **Melik, B.** and Elekcioğlu, H.I. 2009. A new culturing method for the rice white tip nematode, *Aphelenchoides besseyi* Christie, 1942, on carrot discs. Russian Journal of Nematology, 17 :(2) 135-136.
2. **Tülek B.**, Çıtır A., 2018. Investigations on grapevine fanleaf disease and relationships grapevine fanleaf virus (GFLV) with vector nematode Xiphinema spp. in vineyards in the Trakya Region of Turkey. J. Turk. Phytopath. Vol. 47 No. 1, 1-10.
3. Tülek, A., Kepenekci, I., İmren, M., Akbulut, S., **Tülek, B.**, Koca, A.S., Özdikmen, H. 2019. Detection of Bursaphelenchus mucronatus associated with Acanthocinus griseus on Pinus nigra in the northwestern Turkey. NEMATROPICA, Vol. 49, No. 2, 2019. p.220-228.
4. Tülek, A., Kepenekci, İ., **Tülek, B.**, Sakin, M.A. 2021. Determination of the reactions of some bread and durum wheat varieties to the wheat seed gall nematode [*Anguina tritici* (Steinbuch) Filipjev]. Bitki Koruma Bülteni / Plant Protection Bulletin, 2021, 61 (2) : 13-18
5. Öztürk, i., **Tülek, B.**, Tülek, A., Akan, K., Avci, R. 2021. Environmental Effect on Biotic Stress and Response of Bread Wheat (*Triticum aestivum* L.) Genotypes under Rainfed Condition. Journal of International Scientific Publications: Agriculture & Food 9, 55-64 (2021). <https://www.scientific-publications.net/en/article/1002142/>. Published: 18 Sep 2021.

■ International Papers, Seminars, etc.

1. **Tulek, B.**, Cıtır, A. 2017. Investigations on grapevine fanleaf disease and relationships grapevine fanleaf virus (GFLV) with vector nematode Xiphinema spp. in vineyards in the Trakya Region of Turkey 2nd International Balkan Agriculture Congress 16-18 May 2017 Book of Abstracts. Namık Kemal University, Faculty of Agriculture, Tekirdağ, Turkey. p:18.
2. Seidi, M., Tulek A., **Tulek B.**, Bilir, O., Ozturk I., Akın K. 2017. Determination of reaction of some bread wheat genotypes against Septoria (*Septoria tritici* Rob. ex. Desm.) isolate collected from Trakya Region in in vitro conditions. XIII. International Participated Ecology and Environmental Congress, 12-15 September 2017 Pp: 423.
3. **Tulek B.**, Evcı G., Pekcan V., Yılmaz M.I., Tulek, A. 2018. Determination of Reaction of Some Oilseed Pumpkin and Winter Squash to Zucchini Yellow Mosaic Virus (ZYMV). International Agriculture Congress Komrat / Gagauzia / Moldova 3-6 May 2018 Book of Abstracts P: 189.
4. Tülek, A., Kepenekci, İ., **Tülek, B.** 2018. Current status of the white-tip nematode in rice in Turkey, International Çanakkale Rice Workshop, 26-27 July 2018, Çanakkale, Turkey.
5. Turgay, E.B., Özkeskin, M.E., Karaca, M.S., Ürin, V., Kalın, A., **Tülek, B.**, Karagöz, H. 2021. Status of Resistance Genes Effective Against Yellow Rust (*Puccinia striiformis* f. sp. tritici) In Turkey. 3. INTERNATIONAL GÖBEKLİTEPE SCIENTIFIC STUDIES CONGRESS 17- 18/12/2021
6. **Tülek, B.**, Öztürk, İ., Göktepe, O., Avci, R., Tülek, A. 2022. Determining The Reactions of Wheat Cultivars Developed By The Trakya Agricultural Research Institute Against Common Bunt Diseases. (*Tilletia foetida* Wallr.) III. International Agricultural, Biological & Life Science Conference, Edirne, Turkey, 29-31 August 2022 p. 67



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7. **Tülek, B.,** Öztürk, İ., Göktepe, O., Avcı, R., Tülek, A. 2022. Determining The Reactions of Wheat and Barley Varieties Developed By Trakya Agricultural Research Institute to Loose Smut of Wheat and Barley (*Ustilago nuda* F.Sp. tritici and *U. nuda* F.Sp. hordei) Diseases. III. International Agricultural, Biological & Life Science Conference, Edirne, Turkey, 29-31 August 2022 p. 68
8. Tülek, A., Öztürk, İ., **Tülek, B.,** Dababat, A.F. 2022. Resistance Reaction of Some Bread and Durum Wheat Cultivars to The Seed Gall Nematode, *Anguina tritici* (Steinbuch, 1799) Under Field Conditions. 8th International Cereal Nematodes Symposium (ICNS) September 26 - September 29. Bolu, Türkiye.

▪ **NATIONAL ARTICLES AND PAPERS**

- **Articles Published in National Journals**
- **International Papers, Seminars, etc.**

▪ **OTHER PUBLICATIONS**

- **Ph.D. Thesis, Master Thesis, Reports, Books etc.**

1. Determination of the races of leaf rust (*Puccinia triticina* Eriks) in wheat and the reactions of some genotypes against the aggressor races in Thrace Region. (Doctoral thesis, **continues**)
2. Investigations on grapevine fanleaf disease and relationships grapevine fanleaf virus (GFLV) with vector nematode *Xiphinema* spp. in vineyards in the Trakya region of Turkey. (Master Thesis)
- 3.



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▪ **Membership, Training, Course, Meeting, Congress, Symposium and Other Activities**

1. Training course on "Wheat Rust Surveillance, Trap Nurseries, Race Analysis, Field Assessment of Resistance and Contingency Planning" Regional Cereal Rust Research Center, Izmir, Turkey April 17-23, 2017, Supported by FAO, TAGEM, ICARDA.
2. Rice Molecular Breeding Course, CWARice, Rasht, Iran 30 July - 5 August 2018.
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