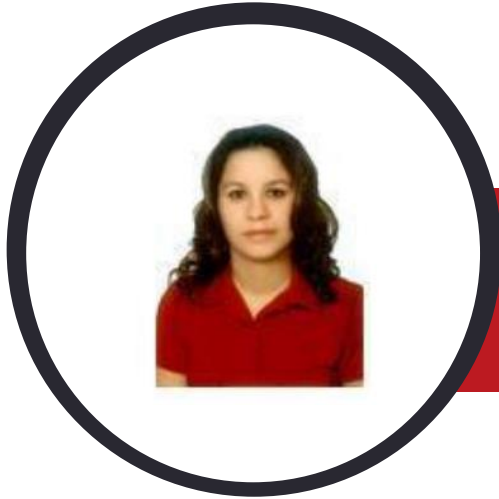




**TAGEM**  
R&D AND INNOVATION

PLANT PROTECTION CENTRAL RESEARCH  
INSTITUTE/ ANKARA



## NURAN YİĞİT, PhD

### Chemist

#### EDUCATION

- Assoc. prof**
  - PhD** 2012-2021 Ankara University  
Food Engineering
  - MSc** 2006-2009 Gazi University  
Faculty of Pharmacy
  - MSc** 2002-2004 Ondokuz Mayıs University  
Faculty of Education
  - Bachelor's Degree** 1998-2002 Gaziosmanpaşa University  
Faculty of Science and Literature
- LANGUAGE** English YÖKDİL 75 / YDS

#### CAREER

- 2005-Continued, Researcher, Directorate of Plant Protection  
Central Research Institute - ANKARA

#### ABOUT ME

She was born in 1980 in Tokat. In 2002, she graduated from Gaziosmanpaşa University, Faculty of Arts and Sciences, Department of Chemistry. She started her professional studies in 2005 as a researcher at the Plant Protection Central Research Institute.

She completed her doctoral project titled "The Effect of Processing and Storage on Some Pesticide Residues in Strawberries" and took part in many projects related to the research of pesticide residues.

#### CONTACT

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### ▪ **PROJECTS**

#### ▪ **Projects Conducted**

1. The Effect of Processing and Storage on Some Pesticide Residues in Strawberries, Ankara University Scientific Research Project, (2017-2021), **Researcher**.
2. Determination of the Effect of Processing and Storage on Residue Level of Some Pesticides Used in Peach, TAGEM, (2017-2019), **Project Leader**.
3. Investigation of the Effect of Drying Treatment on Pesticide Residues of Cultivated Mushroom [Agaricus bisporus (Lange) Singerauthor], TAGEM, (2017-2019), **Researcher**.
4. Investigation of the Effect of Drying Process on Pesticide Residues in Parsley (Petroselinum crispum [Mill]) nor Mint [Menta piperita L.], TAGEM, (2017-2019), **Researcher**.
5. The Effect of Vegetative Filter Strip Application on the Transport of Rimsulfuron and Nicosulfuron Used in Maize, TUBİTAK, (2015-2015), **Researcher**.
6. Residue Studies in Central Anatolia Region for Determining Maximum Residue Limits of Some Active Substances in Fruits and Vegetables, TAGEM, (2008-2010), **Researcher**.
7. Monitoring of Pesticide Residues in Fresh Fruits and Vegetables by Multiple Residue Analysis Method, TAGEM, (2008-2010), **Researcher**.
8. Development of High Pressure Liquid Chromatography (HPLC) Multiple Residue Analysis Method for the Analysis of Pesticide Residues in Some Fruits and Vegetables, Ministry of Development, (2007-2009), **Project Leader**.

#### ▪ **Ongoing Projects**

1. Herbicide Applications for Weed Control in Rice Planting Fields Determination of Optimum Application Parameters for ZİHA (Agricultural Unmanned Aerial Vehicles), TUBİTAK 1001, (2023-2025). **Researcher**.



# NURAN YİĞİT, PhD

## Chemist



### ■ **PUBLICATIONS**

#### ■ **INTERNATIONAL ARTICLES AND PAPERS**

##### ■ **Articles Published in International Journals**

1. **Yigit N.**, Velioglu Y. S., 2019. Effects of Processing and Storage on Pesticide Residues in Foods. *Critical Reviews in Food Science and Nutrition*, 60(21), 3622-3641.

##### ■ **International Papers, Seminars, etc.**

1. Serim A. T., Asav U., **Yigit N.**, Aksu P., Turkseven S., 2018. Effectiveness of various vegetative filter strips in preventing nicosulfuron runoff. *International 18th European Weed Research Society Symposium*, 21-23 June, Slovenia Ljubljana, (poster presentation). *International 18th European Weed Research Society Symposium* (poster presentation).

#### ■ **NATIONAL ARTICLES AND PAPERS**

##### ■ **Articles Published in National Journals**

1. Conger E., Aksu P., **Yigit N.**, Dokumacı S., Baloglu Z., Burçak A. A., 2012. Studies on the determination of residue behavior of some pesticides on vegetables. *Plant Protection Bulletin*, 52 (3), 15p.
2. **Yigit N.**, Bayhan Öktem A., Yentür G., 2012. Development of multiple residue analysis method with high pressure liquid chromatography (HPLC) for the analysis of pesticide residues in some fruits and vegetables. *Plant Protection Bulletin*, 52 (4), 375-394.
3. **Yigit, N.**, Velioglu, Y. S., 2023. Effect of Processing Type and Storage Time on Some Pesticide Residues in Strawberries. *Academic Food Journal*, 21, (1), 1-12.

##### ■ **International Papers, Seminars, etc.**

1. Aksu P., **Yigit N.**, Güdücü H E., 2017. Investigation of the Effect of Drying on Pesticide Residues in Parsley (*Petroselinumcrispum* [Mill.]). *Central Anatolia Region 3rd Agriculture and Food Congress with International Participation*.
2. **Yigit N.**, Aksu P., 2016. The Effect of Drying Process on Herbal Products on Pesticide Residues. *Turkey with International Participation VI. Plant Protection Congress*, 5-8 September 2016, Konya.
3. Aksu P., Cönger E., **Yigit N.**, Dokumacı S., Burçak A.A., 2016. Studies on the determination of residual behavior of some pesticides used in Ankara and Kırıkkale vineyard areas. *Turkey with International Participation VI. Plant Protection Congress*, 5-8 September 2016, Konya.
4. Aksu P., **Yigit N.**, Yılmaz A., 2015. Biocidal Products and Residue. *Proceedings of the 2nd National Biocidal Congress with International Participation*.
5. **Yigit N.**, Bayhan Öktem A. , Aksu P., 2008. Use of High Pressure Liquid Chromatography (HPLC) for Pesticide Residue Analysis in Foods. *Turkey 10th Food Technology Congress Proceedings*, 21-23 May 2008, Erzurum (poster statement).



**NURAN YİĞİT, PhD**  
Chemist

**TAGEM**  
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- **OTHER PUBLICATIONS**
- **Ph.D. Thesis, Master Thesis, Reports, Books etc.**

1. Aksu P., **Yigit N.**, 2018. Pesticide Residues. Chemical Control from Theory to Practice (Ed. Nevzat BİRİŞİK). (book chapter).



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

1. Twinning Project HPLC Training. Ankara.1.10.2005.
2. Expert mission on Placing Plant Protection Products on the Market. AGR IND/EXP 51183.The Republic of Turkey, The Ministry of Food, Agriculture and Livestock, Ankara, 10 – 14 March 2014.
3. Project Preparation, Writing and Execution Training. Ankara University Faculty of Science and Engineering. 20.02.2015.
4. Expert Mission on Risk Assessment of Pesticide Residues, Ministry of Agriculture and Forestry (Turkey), TAIEX, 20.11.2019.
5. 3.TAIEX Workshop on Technical and Scientific Review Procedures and Files for Plant Protection Products Çevrimiçi 27-30.9. 2021