



TAGEM
R&D AND INNOVATION

PLANT PROTECTION CENTRAL RESEARCH
INSTITUTE/ ANKARA



DR. AYDEMİR BARIŞ

Agricultural Engineer

EDUCATION

- PhD**
2011- Ankara University
Faculty of Agriculture
 - MSc**
2010-2013 Ankara University
Faculty of Agriculture
 - Bachelor's Degree**
1996-2000 ADU University
Faculty of Agriculture
- LANGUAGE** English YÖKDİL/62.50

CAREER

- 1998-2001, Engineer, Directorate Of Provincial Agriculture And Forestry, NEVŞEHİR
- 2001, Engineer, Plant Protection Central Research Institute, ANKARA

ABOUT ME

He completed his master's degree in 2005 and his doctorate in 2011. He carries out studies in the field of vegetable, industrial, ornamental and forage crops pests at the institute.

CONTACT

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▪ **PROJECTS**

1. Conservation of Pollinator Diversity Against Increasing Climate Change. 2019-2022 European Union-Assistant researcher
2. Detection of mite fauna in bean cultivation areas of Central Anatolia Region, population change of important harmful-beneficial species. 2017-2020 Tagem co-researcher
3. Studies on the Identification and Control of Diseases, Pests and Weeds in Edible Leaf Vegetables in the Central Anatolia Region. 2016-2019 Tagem co-researcher
4. Determination of Some Biological Criteria for the Distribution, Population Monitoring and Control of Harmful 24-Point Mongoose (*S. vigintiquatuorpuclata*) and Alfalfa Leaf Beetle (*G. Fornicata*) in Alfalfa Fields in Central Anatolia and Western Black Sea Region. 2013-2019/Leader Tagem
5. Surveillance and Control Possibilities of Harmful Yellow Tea Mite [*Polyphagotarsonemus latus* (Banks) (Acari: Tarsonemidae)] in Teas in Rize Province. 2016-2019 Tagem co-researcher
6. Detection, Prevalence, Molecular Characterization of Tswv in Tomato, Pepper and Lettuce Cultivated Areas of Central Anatolia Region and Determination of Tswv Resistance of Some Tomato Gene Sources by Molecular Markers. 2015-2018 Tagem co-researcher
7. Investigation of Biological Control Possibilities of *Tuta absoluta* (Lep.: Gelechiidae) in Central Anatolia Region. 2010-2013Tagem associate researcher
8. Determination of Biological Criteria for Control of *Tuta absoluta* Meyrick (Lep.: Gelechiidae) in Central Anatolia Region and Investigation of Biotechnical Control Opportunities. 2010-2013Tagem associate researcher
9. Population Monitoring of Tomato Moth [*Tuta absoluta* Meyrick (Lep.:Gelechiidae)] and Natural Enemies Harmful on Tomatoes in Central Anatolia Region. 2010-2012 Tagem co-researcher
10. Studies on the Biology and Control of Melon Fly [*Myiopardalis pardalina* (Bigot, 1891) (Diptera: Tephritidae)] on Melons in Ankara Province. 2009-2011/Leader Tagem
11. Determination of Use of Some Plant Extracts Against Pests in Organic Vegetable Cultivation. 2005-2010 Tagem associate researcher
12. Investigations on the effects of *Melia azedarach* (L.) and Neem Azal T/S on Two-spotted red spider [*Tetranychus urticae* Koch (Acarina:Tetranychidae)] under laboratory conditions. 2003-2005/Leader



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▪ **PROJECTS**

13. Integrated Control Research, Application and Training Project in Vegetables grown under Cover.2001-2003. Tagem co-investigator

14. Optimization of Production Conditions, Preparation of Commercial Formulation and Mass Production of *Bacillus thuringiensis kurtaki* HD73 Used in Biological Control of Tomato Moth (*Tuta absoluta*). 2016-2019TAGEM-R&D Project Assistant Researcher

Ongoing projects

Determination of Pests and Diseases in Clover Seed Fields of Central Anatolia Region, Studies on Control of Important Species. 2022-2026/Leader Tagem

▪ **PUBLICATIONS**

▪ **INTERNATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in International Journals**

1. Barış A., S. Çobanoğlu, 2013. Studies on the biology of the melon fly [*Myiopardalis pardalina* (Bigot, 1891) (Diptera: Tephritidae)] in Ankara province. Turkish. entomole journal, 37 (3): 293-304. (SCI-Expanded).

2. Koçak, E., H. T. Emre, A.K. Şahin, Barış a., A. Gökdoğan , Başaran M S., 2009. Determination of Biological Parameters of *Graphosoma lineatum* (L.) (Heteroptera, Pentatomidae) in Different Foods. Journal of Agricultural Sciences, 15 (1): 47-52. SCI-Expanded).

3. Barış A., Alkan M., Yücel C., Gök N., 2020. Determination of Harmful Species in Vegetables with Edible Leaves in Central Anatolia Region. Kahramanmaraş Sütçü İmam University Journal of Agriculture and Nature, Volume 23 , Issue 6, Pages 1466 - 1473.



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4. Barış A., S. Çobanoğlu, Babaroğlu E N., 2019. The effect of fruit size on egg laying and damage pattern of the melon fly [*Myiopardalis pardalina* (Bigot, 1891) (Diptera: Tephritidae)]. *Plant Protection Bulletin*, 59/2.
5. Yücel C., Barış A., Ayten S., 2019. Determination of the prevalence and density of Capsule proboscis beetle [*Bangasternus planifrons* (Brulle) (Coleoptera: Curculionidae)] in the province of Ankara. *Anadolu Journal of Agricultural Sciences*, 34(1): 35-39.
6. Barış A., S.Çobanoğlu, 2016. Partial Field Application of Toxic Bait Against Melon fly [*Myiopardalis pardalina* (Bigot, 1891) (Diptera: Tephritidae)]. *Journal of Gaziosmanpaşa Faculty of Agriculture*, 33 (3), 105-110.
7. Barış A., S.Çobanoğlu, Ş.Çavuşoğlu, 2016. Determination of taste changes in Ipsala and Kırkağaç melon cultivars against melon fly [*Myiopardalis pardalina* (Bigot, 1891) (Diptera: Tephritidae)]. *Derim*, 33 (1):47-56.
8. Barış A., S. Çobanoğlu, 2015. Determination of some biological parameters of the melon fly [*Myiopardalis pardalina* (Bigot, 1891) (Diptera: Tephritidae)] under laboratory conditions. *Türk.Entomol.Bull.*, 5(3): 121-133.
9. Erdogan P., Barış A., Alpkent Y N., , 2014. Population follow-up of the Tomato moth [*Tuta absoluta* Meyrick (Lepidoptera: Gelechiidae)], which is harmful to tomatoes in the Central Anatolia region. *Plant Protection Bulletin*, 54(3):255-265.
10. Barış A., S. Çobanoğlu, 2014. Some Morphological Characteristics of the melon fly [*Myiopardalis pardalina* (Bigot, 1891) (Diptera: Tephritidae)]. *Journal of Gaziosmanpaşa University Faculty of Agriculture*, 31 (2), 72-79.
11. Barış A., S. Çobanoğlu, 2013. Determination of Damage Rate of Melon Fly [*Myiopardalis pardalina* (Bigot, 1891) (Diptera: Tephritidae)] in Different Melon Varieties. *Plant Protection Bulletin*, 53(1):43-49.
12. Barış A., S. Çobanoğlu, 2009. Studies on the effects of *Melia azedarach* L. fruit methanol extract and Neemazal T/S on *Tetranychus urticae* Koch (Acarina : Tetranychidae) by immersion method. *Selcuk Journal of Agriculture and Food Sciences*, 23(49).
13. Koçak, E., Barış A., 2008. Biological Parameters and Appropriate Food Selection of *Graphosoma lineatum* L. (Heteroptera, Pentatomidae) Feeding on the Seeds of Plants from the Apiaceae Family. *Plant Protection Bulletin*, 48 (2): 33-40.



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International Papers, Seminars, etc.

11. H.ÖZDİKMEN, Coral-Şahin D. , N.BAL, Barış A., 2016. Phyllotreta Chevrolat in Bartın Province of Turkey (Chrysomelidae: Galerucinae: Alticini). INTERNATIONAL CONFERENCE ON BIOLOGICAL SCIENCES (ICBS) Konya, TURKEY (Coleoptera: Chrysomelidae) in Bolu province. II. INTERNATIONAL AGRICULTURE CONGRESS, AYAŞ, Oral
12. Kodan M., Babaroğlu E N., Barış A., 2015. Biological Control of Tomato Moth (Tuta absoluta Lep.: Gelechiidae). VII. National Horticultural Congress, 25 -29 August 2015 ÇANAKKALE-Oral Presentation.
2. Barış A., Yücel C., Morca A.F., Atakan E., 2019. Identification and Determination of Thrips Species in
13. Barış A., S.Çobanoğlu, Ş.Çavuşoğlu, 2015. Taste and Textural Taste Analysis in Ipsala and Kırkağaç Melon Varieties Against Melon Fly (Myiopardalis pardalina) (Bigot, 1891) (Diptera: Tephritidae). VII. Horticulture Congress, 25-29 August 2015-Poster.
3. Coşkan.S, Morca A F., Barış A., Tunç.İ, 2019. Characterization of Thrips species as a vector of Tomato
14. Barış A., S.Çobanoğlu, Babaroğlu E N., 2015. The Damage Rate of Melon Fly (Myiopardalis pardalina (Bigot, 1891) Diptera: Tephritidae) by Laying Eggs on Different Sizes of Fruit. VII. NATIONAL GARDEN PLANTS CONGRESS 25-29 August 2015 Çanakkale
4. Barış A., Alkan M., Yücel C., 2018. Determination of Flea Beetle Species Which is Harmful on Rocket
15. Barış A., Yücel C., Gök N., İnal B., 2015. Clover Proboscis Beetle [Hypera variabilis Hebst. (Coleoptera: Curculionidae)] Damage Status in Alfalfa Fields in Ankara Province. 2nd National Botanical Congress, 25-28 August, Afyonkarahisar, .
5. Yücel C., Barış A., 2018. Determination of Distribution and Density of Seedhead Weevil, (Bangasternus
16. Barış A., Yücel C., Coral-Şahin D. , 2015. Distribution of Gonioctena fornicata (Brüggeman) (Coleoptera: Chrysomelidae) in Zonguldak and Bartın Provinces. 2nd National Botanical Congress, 25-28 August, Afyonkarahisar, .
6. Gök N., Barış A., 2018. Use of water mites as bioindicators. INTERNATIONAL ECOLOGY 2018
17. Barış A., S. Çobanoğlu, 2011. Determination of damage rates of Melon fly [Myiopardalis pardalina (Bigot, 1891) (Diptera: Tephritidae)] in different Melon cultivars. Turkey IV. Plant Protection Congress Proceedings. , 28-30 June, Kahramanmaraş, 14 pp. (Oral presentation).
- vigintiquatuor-punctata (Linnaeus 1758) (Coleoptera: Coccinellidae)] on Alfalfa in Zonguldak Province. VIII
18. Barış A., S. Çobanoğlu, 2011. Studies on the effectiveness of different traps against the melon fly [Myiopardalis pardalina (Bigot, 1891) (Diptera: Tephritidae)]. International Participation, 1st Ali Numan Kırç Agriculture Congress and Fair., Volume II, 1311-1316.
19. Koçak E., Barış A., Babaroğlu E N., 2009. The Effect of Some Plant Seeds Belonging to the Apiaceae Family on Nymph Development of Graphosoma lineatum (L.) and Graphosoma semipunctatum (F.) (Heteroptera, Pentatomidae). Turkey III. Plant Protection Congress Proceedings, 101.



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NATIONAL ARTICLES AND PAPERS

Articles Published in National Journals

1. Barış A., 2017. Damage and struggle of the watermelon wireworm [*Henosepilachna elaterii* (Rossi) (= *Epilachna chrysomelina*)]. My village, May, 2017.
2. Barış A., 2011. Aphid and its struggle in vegetables. Turkish Journal of Agriculture, Issue 28, March-April, 22-27.
3. Barış A., A. Apaydın, 2007. Cabbage diseases and pests. Cabbage Cultivation. T.R. Ministry of Agriculture and Rural Affairs Farmer Training Series, No: 52. 31-48.
4. Barış A., 2007. BARIS, A. Pepper pests. Pepper Cultivation. T.R. Ministry of Agriculture and Rural Affairs Farmer Training Series, No: 55. 31-40.

International Book Division

Baris A. (2021). General Information About *Subcoccinella vngintiquatuorpunctata* Linnaeus, 1758 (Coleoptera: Coccinellidae). RECENT BIOLOGICAL STUDIES. <https://iksadyayinevi.com/wp-content/uploads/2021/12/RECENT-BIOLOGICAL-STUDIES.pdf>

Neslihan B. Yücel C. Baris A. (2022). English Chrysomelidae Specis Worked In Bold System. DEPTHS OF SCIENCE. <https://iksadyayinevi.com/wp-content/uploads/2022/03/DEPTHS-OF-SCIENCE.pdf>

Baris A. Yucel C (2022). An Important Pest In Philadelphia: *Bembecia Scopigera* (Scopoli, 1763) (Lepidoptera: Sesidae) DEPTHS OF SCIENCE. <https://iksadyayinevi.com/wp-content/uploads/2022/03/DEPTHS-OF-SCIENCE.pdf>