



TAGEM
R&D AND INNOVATION

PLANT PROTECTION CENTRAL RESEARCH
INSTITUTE/ ANKARA

Assoc. Prof. Dr. AYŞE ÖZDEM

Agricultural Engineer

EDUCATION

- Assoc. Prof. Dr. 2022 Interuniversity Board Presidency
- PhD 2001 Ankara University Agricultural Faculty, Plant Protection
- MSc 1994 Uludağ University Agricultural Faculty, Plant Protection
- Bachelor's Degree 1987 Ankara University Agricultural Faculty, Plant Protection
- Foreign Language English YÖKDİL 77,50

CAREER

- 2022-... Director, Plant Protection Central Research Institute, Ankara
- 2009-2022 Vice Director, Plant Protection Central Research Institute, Ankara
- 1995-2009 Head of Department, Plant Protection Central Research Institute, Ankara
- 1990-1995 Directorate of Provincial Agriculture and Forestry, Eskişehir
- 1988-1990 Directorate of Provincial Agriculture and Forestry, Şanlıurfa

ABOUT ME

She graduated from Ankara University, Faculty of Agriculture, Department of Plant Protection in 1987. She completed her master's degree in Uludağ University Institute of Science, Department of Plant Protection in 1994, and her doctorate in 2001 at Ankara University, Institute of Science, Department of Plant Protection. She has worked as a lead/co-researcher in many projects, and conducts research on biotechnical and biological control, integrated pest management, invasive insect species and vector insects, especially on fruit and vineyard pests.

She is member of the EPPO Panel on Diagnostics and Quality Assurance and the Methyl Bromide Technical Options Committee of the United Nations Environment Program (UNEP).

CONTACT



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▪ **PROJECTS**

▪ **Leader in Nationally Supported Projects**

1. Investigations on the biology and the biotechnical control methods of cherry fruit fly [*Rhagoletis cerasi* L. (Diptera: Tephritidae)] in Central Anatolia Region (TAGEM)
2. Management of disease, pest and weeds on organic cherry production in Central Anatolia Region (TAGEM BS-03/06-09-176)
3. Investigation of the effect of different control methods after the Codling moth [(*Cydia pomonella* L.) Lepidoptera: Tortricidae]] infected as artificial of cherry fruits (TAGEM BS-04/06-09-185 (2))
4. Investigations on the biology and determination of natural enemies and the biotechnical control methods of Leafroller moth [*Pandemis cerasana* (Hübner, 1786) (Lepidoptera: Tortricidae)] harmful on cherry orchards in Afyonkarahisar province (TAGEM BS-07/04-02 / 01-06)
5. Research, Implementation and Training Project of Integrated Pest Management in Apple Orchard. TAGEM/BSA/ EM/ 10
6. Research, Implementation and Training Project of Integrated Pest Management in Cherry Orchard (TAGEM BS-96/06/09)

▪ **Researcher in Internationally Supported Projects**

1. Determination of Important Quarantine Pest *Drosophila suzukii* Matsumura (Diptera: Drosophilidae) in Orchards and Preparation of Survey Protocols (IPMDROS-EUPHRESKO II)
2. Sustainable Agricultural Practices in Mardin Cherry Orchards: IPM and organic agriculture (EU Project)
3. Epidemiology and diagnosis of potato phytoplasmas and Candidatus *Liberibacter solanacearum* and their contribution to risk management in potato and other crops (EUPHRESKO 2019-F-310-PHYLIB III)

▪ **Researcher in Nationally Supported Projects**

1. Asya Ceviz Güvesi, *Erschoviella musculana* Erschoff (Lepidoptera: Nolidae)'nin Biyolojisi ve mücadelesinde *Bacillus thuringiensis* içeren yerel biyopreparatın uygulanması (TÜBİTAK 1001)
2. Determination of parasitization rates of natural enemies and parasitoids of Anise Moth (*Depressaria* Cf. *daucivorella* Rag.) larvae in Burdur province (TAGEM)
3. Investigations on the infestation rate, severity of damage, and flight activity of European sunflower moth (*Homoeosoma nebulellum* (Den.& Schiff.)) (Lepidoptera: Pyralidae) in Central Anatolia Region (TAGEM)
4. Distribution, infestation and control of Mediterranean fruit fly (*Ceratitis capitata* Wied.) (Diptera: Tephritidae) on pome and stone in Isparta and Burdur provinces (TAGEM)
5. Mass trapping studies to control of apple blossom beetle [*Tropinota hirta* (Poda) (Coleoptera: Scarabaeidae)] in apple orchards (TAGEM)



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6. Applicability of organic cherry cultivation with different rootstocks in Eğirdir (Isparta) conditions (TAGEM)
7. Studies on the establishment of forecast warning model to control of Walnut anthracnose (*Gnomonia leptostyla* (Fr.) Ces et de Not.) and Codling moth [(*Cydia pomonella* L.) (Lep.: Tortricidae)] in walnut orchards (TAGEM-BS-05/15-01/01-02-01)
8. Pollinators bee biodiversity of cherry orchards in Afyonkarahisar province, their distributions in natural habitats and strengthening researches on important species (TAGEM/TA/07/06/06/001)
9. Investigation of determination, density of fruit tree bark beetle species (Col.: Scolytidae), biological data for controlling important species and control which is harmful on cherry orchards in Central Anatolia Region (TAGEM-BS-07/04-02/01-07)
10. Investigation of Use Possibility of Egg Parasitoid, *Trichogramma* sp., (Hym.: Trichogrammatidae) to Control of Leafroller (Lep.: Tortricidae) Damaged Cherry Trees in Çankırı (TAGEM BS-10/04-02/01-11)
11. Determination of Insecticide Resistance and Its Biochemical Mechanisms of *Aphis pomi* de Geer (Hemiptera: Aphididae) Populations Damaging on The Apple in Central Anatolia Region (TAGEM-BS-11/04-06/03-03)
12. Investigation on the possibilities of low volume application against European grapevine moth (*Lobesia botrana*) in vineyard (TAGEM-BS-11/04-01/03-01)
13. Detection of phytoplasma diseases and possible vector species in vineyard areas of Central Anatolia with determination of measures to be taken [TAGEM-BS-12/08-05/02-28 (1)]
14. The determination of natural enemies with the detection of disease, pest and weeds in Kiwi fruit orchard in Western Black Sea Region (TAGEM-BS-13/08-09/01-22 (4))
15. Determination of the leafminer species (Lep: Gracillariidae and Lyonetiidae) and their natural enemies, important harmful species biology and biotechnical control methods on cherry orchards in Sultandağı Basin (TAGEM-BS-14/08-01/01-11)
16. Determination of Aphidoidea Species in Orchards and Vineyards by Classical and Molecular Methods and Preparation of Diagnostic Catalog in Ankara province (TAGEM-BS-15/08-04/01-10)
17. Detection of *Xylella fastidiosa* and its vectors on different hosts in the Central Anatolia Region and determination of disease control strategies based on risk management (TAGEM-BSAD-16/1/02-09 (2))
18. Detection of diseases and pests and determination of their prevalence density and control in the walnut production areas of the Central Anatolia Region (TAGEM)
19. Determination of Biology of The Spotted Wing Drosophila, *Drosophila suzukii* Matsumura, 1931 (Diptera: Drosophilidae), Infesting Sweet Cherry in Central Anatolian Region (TAGEM)



20. Determination of biological criteria for the control of Mediterranean Fruit fly, *Ceratitis capitata* (Wiedemann) (Diptera: Tephritidae) and control possibilities in pear orchard in Ankara province (TAGEM)
21. Detection of entomopathogenic nematodes in Central Anatolia cherry orchards and control opportunities against Cherry Fruit fly, *Rhagoletis cerasi* L. (Diptera: Tephritidae) (TAGEM)
22. Determination of the population genetic parameters influencing Mediterranean fruit fly, *Ceratitis capitata* (Wiedemann, 1824) (Diptera: Tephritidae) sterile insect (TAGEM)

▪ **PUBLICATIONS**

▪ **Published in International Journals**

1. **Özdem A.**, Kılınçer N., 2008. The Biology of the European Cherry fruit fly [*Rhagoletis cerasi* L. (Diptera: Tephritidae)]. Acta Horticulturae (795), 897-904.
2. Zeki C., Er S. H., **Özdem A.**, Bozkurt V., 2008. Distribution and infestation of Mediterranean fruit fly (*Ceratitis capitata* Wied.) (Diptera: Tephritidae) on pome and stone fruits in Isparta and Burdur Provinces (Turkey). Munis Entomology & Zoology, 3(1), 231-238.
3. **Özdem A.**, Kılınçer N., 2009. The effectiveness of the trap types and lures used for mass trapping to control cherry fruit fly [*Rhagoletis cerasi* (L., 1758)] (Diptera: Tephritidae). Munis Entomology & Zoology, 4(2), 371-377.
4. Özdemir M., **Özdem A.**, 2012. A new genus and species for Turkish fauna: Zeiraphera isertana (Fabricius, 1794) (Lep.: Tortricidae). Turkish Journal of Zoology, 36: 271-274.
5. Çeliker N.M., **Özdem A.**, Canıhoş E., Kaplan C., Üstün N., Öztürk N., Altındışli F. Ö., 2013. Past and current situation of forecasting system in Turkey. IOBC-WPRS Bulletin, 91, 235-241.
6. Güler Y., Dikmen F., **Özdem A.**, 2015. Evaluation of bee diversity within different sweet cherry orchards in Sultandağı Reservoir (Turkey). Journal of Apicultural Science, 0017: 1-13.
7. Kepenekçi İ., Hazır S., **Özdem A.**, 2015. Evaluation of native entomopathogenic nematodes for the control of the European cherry fruit fly *Rhagoletis cerasi* L. (Diptera: Tephritidae) larvae in soil. Turk. J. Agric. For, 39, 74-79.
8. **Özdem A.**, Erdogan P., Hassan E., Ertürk S., 2020. Insecticidal effect of gamma-T-ol from *Melaleuca alternifolia* (Maiden & Betche) Cheel and feverfew (*Tanacetum parthenium* L.) (Asteraceae) on *Cydia pomonella* (L.) (Lepidoptera: Tortricidae). Acta Horticulturae, 1268, 147-151.
9. **Özdem A.**, 2020. A Study on the Biology of the Barred Fruit-tree Tortrix [*Pandemis cerasana* (Hübner, 1786) (Lepidoptera: Tortricidae)] be Detected in the Cherry Orchards in Turkey. Journal of the Entomological Research Society, 22(2), 107-118.



10. **Özdem A.**, Bozkurt V., Özdemir M., 2020. Evaluation of the mass trapping method for the control of *Pandemis cerasana* (Hübner, 1786) (Lepidoptera: Tortricidae) in cherry orchards.. Fresenius Environmental Bulletin, 29 (4/2020): 2208-2213.
11. Bozkurt V., Özdemir M., Ayan E., **Özdem A.**, 2020. A review on Asian walnut moth *Erschoviella musculana* Ershov (Lepidoptera: Noctuidae). Acta Horticulturae, 1269, 241-244.
12. Yagci M., **Özdem A.**, Erdoğan F D., Ayan E., 2021. Efficiency of entomopathogenic nematodes (Rhabditida: Heterorhabditidae and Steinernematidae) on the codling moth (*Cydia pomonella* L.) (Lepidoptera: Tortricidae) under controlled conditions. Egyptian Journal of Biological Pest Control, 31 (75),1-5.
13. **Özdem A.**, Özdemir M., Bozkurt V., 2020. Adult population fluctuations and damage ratio of *Pandemis cerasana* (Hübner, 1786) (Lepidoptera: Tortricidae) in cherry orchards. Plant Protection Bulletin (2), 23-28.
14. Erdoğan P., **Özdem A.**, 2021. Oviposition deterrent effect of four plant extracts on *Cydia pomonella* L. (Lep.: Tortricidae). Journal of Global Innovations in Agricultural Sciences, 9 (1), 29-33.
15. İnal B., **Özdem A.**, 2021. *Oarius grisescens* (Coleoptera: Curculionidae, Entiminae), a new pest of *Prunus armeniaca* in Turkey . Journal of Global Innovations in Agricultural Sciences, 9 (3): 97-100.
16. **Özdem A.**, Aydar A., Sabahoglu Y., 2022. Investigation of flight activity and damage status of European grapevine moth *Lobesia botrana* (Denis & Schiffermuller) (Lepidoptera: Tortricidae). Tarım Bilimleri Dergisi, Doi: 10.15832/ankutbd.795425.
17. Bal, N., **Özdem A.**, Coral, D., Magoga, G., Yücel, C., 2022. Descriptions and Comparison of Aedeagus and Spermatheca of Five Turkish Chrysomela Linnaeus, 1758 Species. Transactions of the American Entomological Society 148 (1), 131-145.
18. Erdoğan F. D. **Özdem A.** Yağcı M., Kepenekçi İ. 2022. Investigating the efficacies of the entomopathogenic nematodes on the last instar larvae of the codling moth, *Cydia pomonella* (L.) (Lepidoptera: Tortricidae) under laboratory conditions. Plant Protection Bulletin, 62 (2), 1-9.
19. Karahan A., Altundag S., Saracoglu M., Duman K., Ozdemir I., **Ozdem, A.**, Umar S., Demir Ozden E. 2022. First report of *Candidatus Liberibacter solanacearum* on carrot and parsley in Turkey. New Disease Reports. 45: e12095. <https://doi.org/10.1002/ndr2.12095>.
20. Erdogan C., **Ozdem A.**, Alpkent Y.N., Demiroz D. 2023. Resistance to common insecticides and mechanisms of resistance in *Aphis pomi* de Geer (Hemiptera: Aphididae), in apple orchards in Turkey. Phytoparasitica <https://doi.org/10.1007/s12600-022-01042-x>
21. Alkan M., **Özdem A.**, Yılmaz A., Yücel C., İnak E., Ertürk S., Toprak U. 2023. Emulsion oil in water formulation of methyl-eugenol increases its insecticidal activity against *Cydia pomonella* L.



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(Lepidoptera: Tortricidae). Applied Entomology and Zoology <https://doi.org/10.1007/s13355-023-00815-y>

▪ **Published in National Journals**

1. Özdem A., 1997. Researches on the biology of the Bean weevil [*Acanthoscelides obtectus* (Say) (Col.: Bruchidae)] in Eskişehir. Plant Protection Bulletin, 37 (3) 111-118.
2. Zeki H., Özdem A., Bozkurt V., 1999. Natural enemies of larvae of [*Depressaria cf. daucivorella* Rag. (Lep: Oecophoridae)] on anise (*Pimpinella anisum* L.) and the parasitism rates in Burdur province of Türkiye. Plant Protection Bulletin, 39 (1) 35-43.
3. Zeki Huriye, Özdem A., Bozkurt V., SEZER N., 2007. Investigations on the infestation rate and severity of damage and flight activities of European Sunflower Moth [*Homoeosoma nebulellum* (Den. & Schiff.)] (Lepidoptera: Pyralidae) damaged on sunflowers in Central Anatolia Region. Plant Protection Bulletin, 47 (1) 31-61.
4. Özdem A., 2009. Plant Protection in Organic Agriculture. Turkish Standard and Technical Journal, 48 (567) 48-57.
5. Zeki C., Özdem A., 2013. Studies on the development of forecasting and warning system for control of the codling moth [*Cydia pomonella* L.] (Lep.: Tortricidae)] in walnut orchards. Plant Protection Bulletin, 53(3) 127-140.
6. Bozkurt V., Özdem A., 2013. Determination of density of fruit tree bark beetle species (Coleoptera: Curculionidae: Scolytinae) and biological data of important species harmful to cherry orchards in central Anatolia region Plant Protection Bulletin, 53 (2) 65-76.
7. Özdem A., Altundağ Ş., 2013. Disease and Pest Management in Organic Agriculture. Ministry of Food, Agriculture and Livestock, Türktarım Journal, September-October 2013. 213:64-69.
8. Özdem A., Kaymak S., 2014. Management and control of main diseases and pests in apple orchards and vineyards. Journal of Farmer and Village World, April 2014, 60-62.
9. Kodan M., Özdem A., 2014. Biological and biotechnical methods for pest control. Journal of Farmer and Village World, 57-59.
10. Özdem A., Karahan A., 2020. Integrated Pest Management. Journal of Farmer and Village World, 427, 41- 43.

▪ **International Refereed Congress, Symposium Publications in Proceedings**

1. Özdem A., Kılınçer N., 2002. Investigations on the effectiveness of the trap types and lures used for mass trapping to control Cherry fruit fly [*Rhagoletis cerasi* L. (Diptera:Tephritidae)]. VIIth European Congress of Entomology (Abstract/Oral presentation)



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2. **Özdem A.**, Kılınçer N., 2002. Morphologic properties of Cherry fruit fly [*Rhagoletis cerasi* L. (Diptera: Tephritidae)]. VIIth European Congress of Entomology (Abstract/Poster)
3. **Özdem A.**, Kılınçer N., 2005. Investigations on the Biology of Cherry Fruit Fly [*Rhagoletis cerasi* L. (Diptera: Tephritidae)]. V. International Cherry Symposium, 43-43. (Abstract/Oral presentation)
4. **Özdem A.**, Bozkurt V., Kodan M., 2010. Determination of Harmful and Beneficial Insects on Organic Cherry Orchards in Konya Province in Turkey. The First International Conference on Organic Agriculture-Limitations and Future (Abstract/Oral presentation)
5. Bozkurt V., **Özdem A.**, 2010. Determination of density of Scolytus spp. (Col.: Scolytidae) harmful on cherry orchards by using rebell traps in Central Anatolia Region. The First International Conference on Organic Agriculture- Limitations and Future (Abstract/Oral presentation)
6. **Özdem A.**, 2010. Control of the European Cherry Fruit Fly (*Rhagoletis cerasi* L.) (Diptera: Tephritidae) by Mass Trapping on Organic Sweet Cherry Orchards in Konya Province in Turkey. The First International Conference on Organic Agriculture-Limitations and Future (Abstract/Oral presentation)
7. Güler Y., Dikmen F., **Özdem A.**, 2011. The Evaluation on the Determined Bee Species (Hymenoptera: Apoidea) from Cherry Orchards in Sultandagı Reservoir (TURKEY). International Conference on Conservation and Management of Pollinators (Abstract/Oral presentation)
8. Çeliker N.M., **Özdem A.**, Canihoş E., Kaplan C., Üstün N., Öztürk N., Altındışlı F. Ö., 2012. Past and Current Situation of Forecasting System in Turkey. Proceedings of the 8th International Conference on Integrated Fruit Production (Abstract/Oral presentation)
9. Başaran M.S., **Özdem A.**, 2013. Determination of weeds and control of management on organic sweet cherry production in Konya (Aksehir) province. EWRS 16th Symposium (Abstract/Poster)
10. Bozkurt V., **Özdem A.**, Ayan E., 2013. Coleopteran Pests Intercepted On Imported Forest Products In Turkey. Fourth International Agronomic Symposium, 646-652., (Full text/Poster)
11. Başaran M.S., **Özdem A.**, 2013. Weed Species and Their Management in Organic Sweet Cherry Production in Isparta (Egirdir) Province. Fourth International Agronomic Symposium (Full text/Poster)
12. **Özdem A.**, 2016. Biology of the barred fruit-tree tortrix, *Pandemis cerasana* (Hubner) (Lepidoptera: Tortricidae) causes damage in cherry orchards. XXV. International Congress of Entomology, USA (Abstract/Oral presentation)
13. **Özdem A.** 2017. Plant Protection researches in Turkey, Symposium of IAAST-SSA, China (Oral presentation)



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14. Bozkurt V., Özdemir M., Ayan E., **Özdem A.**, 2018. Review on Asian walnut worm *Ershovella musculana* ERSHOV (Lepidoptera: Noctuidae). 30th International Horticultural Congress (Full text/Poster)
15. **Özdem A.**, Erdogan P., Hassan E., Ertürk S., 2018. Insecticidal effect of gamma-T-ol from *Melaleuca alternifolia* (Maiden & Betcher) Cheell and feverfew (*Tanacetum parthenium* L.) (Asteraceae) on *Cydia pomonella* (L.) (Lepidoptera: Tortricidae). 30th International Horticultural Congress (Abstract/Oral presentation)
16. Altundağ Ş., Karahan A., Özdemir I., Duman K., Demir Özden E., **Özdem A.**, Saraçoğlu M., 2019. Investigation of Flavescence doree and Bois noir phytoplasmas and potential vector species in vineyard areas of Central Anatolian Region. 1st International Molecular Plant Protection Congress, 51-51. (Abstract/Oral presentation)
17. **Özdem A.**, Ertürk S., 2019. Genetic approaches for management of some important fruit flies. 1st International Molecular Plant Protection Congress, 82-82. (Abstract/Poster)
18. Altundağ Ş., Saraçoğlu M., Karahan A., Özdemir I., Umar S., Demir Özden E., **Özdem A.**, Duman K., 2019. Investigation of *Xylella fastidiosa* and its potential vector species in Central Anatolian Region. 1st International Molecular Plant Protection Congress, 76-77. (Abstract/Oral presentation)
19. **Özdem A.**, 2019. Evaluation of Population Status of Some Harmful Species in Apple Orchards in Central Anatolia Region. 2nd International Agricultural Congress, 45-45. (Abstract/Oral presentation)
20. **Özdem A.** 2019. Integrated Pest Management in Apple Orchards in Turkey, Symposium of IAAST-SSA, Plant Protection Working Group, China (Oral presentation)
21. **Özdem A.**, Erdoğan P., Ertürk S., 2021. Oviposition deterrent effect of four plant extracts on *Cydia pomonella* L. (Lepidoptera: Tortricidae). International Symposium of Scientific Research and Innovative Studies (Abstract/Oral presentation)
22. **Özdem A.**, 2021. Possible Effects of Global Warming on Insect Population. Kongre, 305-305. (Abstract/Oral presentation)

▪ **National Refereed Congress, Symposium Publications in Proceedings**

1. **Özdem A.**, Kovancı B., 1996. Investigations on the rate of harm caused by the Bean weevil [*Acanthoscelides obtectus* Say (Coleoptera: Bruchidae)] on the bean varieties on different dates in Eskişehir province. Proceedings of the Third Turkish National Congress of Entomology, 251-258. (Full text/Oral Presentation)
2. Kepenekçi İ., Zeki C., **Özdem A.**, Öztürk G., 2002. Effects of three entomopathogenic nematodes on Mediterranean fruit fly [*Ceratitidis capitata* (Wied) (Diptera: Tephritidae)] pupae.



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- Proceedings of the Fifth Turkish National Congress of Biological Control, 279-286. (Full text/Oral Presentation)
3. **Özdem A.**, 2006. New approaches to control important fruit flies. III. Organic Agriculture Symposium, 584-593. (Abstract/Poster)
 4. **Özdem A.**, Zeki C., Kodan M., Zeki H., 2007. Determination of beneficial and harmful insects on cherry orchards in Çankırı province. Proceedings of the Second Plant Protection Congress of Turkey, 208-208. (Abstract/Poster)
 5. **Özdem A.**, Zeki C., Baliç N., 2007. Integrated pest management studies in cherry orchards in Central Anatolia Region. VII. National Ecology and Environment Congress, 283-283. (Abstract/Poster)
 6. Bozkurt V., **Özdem A.**, Zeki C., 2008. Investigations on alternative control opportunities with apple blossom beetle [*Tropinota hirta* (Poda) (Coleoptera: Scarabaeidae)] in apple orchards. 19. National Biology Congress (Abstract/Poster)
 7. **Özdem A.**, Özdemir M., Bozkurt V., Zeki C., 2009. Morphological properties and population fluctuations of adults of the pest *Pandemis cerasana* (Hübner, 1786) (Lepidoptera: Tortricidae) on sweet cheery trees in Afyonkarahisar province. Proceedings of the Third Plant Protection Congress of Turkey, 125-125. (Abstract/Poster)
 8. Atasay A., İşçi M., Uçgun K., Kaymak S., Özyiğit S., **Özdem A.**, Zeki C., 2009. Effects of different clonal rootstocks on flowerin, yield and quality in organic sweet chwrry orchards. I. GAP Organic Agriculture Congress, 461-466. (Full text/Oral Presentation)
 9. Bozkurt V., **Özdem A.**, Zeki C., 2013. Possibilty of using different types of trap against apple blossom beetle [*Tropinota hirta* (Poda) (Coleoptera: Scarabaeidae)] in apple orchards in Karaman province. I. Plant Production Products and Machines Congress, 233-247. (Full text/Oral Presentation)
 10. **Özdem A.**, Bozkurt V., Özdemir M., 2014. Investigation on Mass-trapping of *Pandemis cerasana* (Hübner, 1786) (Lepidoptera: Tortricidae)pest of cherry trees in Afyonkarahisar province. Proceedings of the Fifth Plant Protection Congress of Turkey, (Abstract/ Oral Presentation)
 11. Kaymak S., **Özdem A.**, Karahan A., 2014. Plant health and microbial fertilizers. Workshop on Microbial Fertilizer, 69-73. (Full text/Oral Presentation)
 12. **Özdem A.**, Kaymak S., 2015. Strategies of Integrated Pest Management. International Participation II. National Biocidal Congress, 185-185. (Abstract/Poster)
 13. Coral Ş. D., Özdikmen H., **Özdem A.**, Yücel C., Bal N., 2016. Determination of new pestsin fruit trees: *Labidostomis beckeri* Weise, 1881 ve *Labidostomis rufa* (Waltl, 1838) (Coleoptera: Chrysomelidae: Clytrinae). International Participation Turkey VII. Plant Protection Congress, 374-374. (Abstract/Poster)



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14. İnal B., **Özdem A.**, 2016. *Omaloplia spireae spireae* (Pallas) (Coleoptera: Scarabaeidae) a new pest of grapevine (*Vitis vinifera* L.). International Participation Turkey VI. Plant Protection Congress, 298-298. (Abstract/Poster)
15. **Özdem A.**, Aydar A., Sabahoglu Y., 2016. Investigation on Grape berry moth, *Lobesia botrana*, (Denis & Schiffermuller, 1775) (Lep.: Tortricidae) of flight activity and damage in Ankara province. International Participation Turkey VI. Plant Protection Congress, 216-216. (Abstract/ Oral Presentation)
16. **Özdem A.**, Bozkurt V., Güler Y., Özdemir M., 2017. Determination of natural enemies of harmful Barred fruit torrix [*Pandemis cerasana* (Hübner, 1786) (Lepidoptera: Tortricidae)] in cherry orchards in Afyonkarahisar province. International Participation Central Anatolia Region 3. Agriculture and Food Congress, 385-386. (Abstract/Poster)
17. Kodan M., Bozkurt V., **Özdem A.**, Öntepeli F., 2017. Release of egg parasitoids *Trichogramma evanescens* (Hym.: Trichogrammatidae) in control to *Archips* spp. (Lepidoptera: Tortricidae)] in cherry orchards. International Participation Central Anatolia Region 3. Agriculture and Food Congress, 107-108. (Full Text/Oral Presentation)
18. **Özdem A.**, Bozkurt V., Ayan E., 2018. Determination of harmful and beneficial species and their prevalence in kiwi orchards in the Western Black Sea Region. International Participation Turkey VII. Plant Protection Congress (Abstract/Oral Presentation)
19. Başpınar H., Çakmak İ., Çevik B., Dolar F. S., Gürkan M. O., Karaca G., Karaca İ., Kazak C., **Özdem A.**, 2020. Current Situation, Developments and Future in Plant Protection Practices. Turkish Agricultural Engineering IX. Technical Congress (Full Text/Oral Presentation)
20. İnal B., **Özdem A.**, 2021. A new pest species on apricots in Turkey, *Oarius grisescens* Desbrochers des Loges, 1905 (Coleoptera: Curculionidae, Entiminae). International Participation Türkiye VIII. Plant Protection Congress (Abstract/Poster)

- **Other Publications**
- **PhD Thesis , MsC Thesis, Reports, Books etc.**

PhD.

1995-2001

Ankara University Agricultural Faculty, Plant Protection

Thesis name: Investigations on the biology and the biotechnical control methods of cherry fruit fly [*Rhagoletis cerasi* L. (Diptera: Tephritidae)] in Central Anatolia Region.

Advisor: Prof. Dr. Neşet KILINÇER

MsC.

1991-1994



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Uludağ University Agricultural Faculty, Plant Protection

Thesis name: Researches on the biology of the Bean weevil [*Acanthoscelides obtectus* Say (Col.: Bruchidae)] and it's harms on bean varieties seeded on various dates in Eskişehir province.

Advisor: Prof. Dr. Bahattin KOVANCI

▪ **Reports**

1. UNEP-MBTOC Progress Report and Assessment Report- 2022
2. UNEP-MBTOC Progress Report -2021
3. UNEP-MBTOC Progress Report -2020
4. III. Agriculture Council, Crop Production and Plant Health Commission Member. Ankara, October-November 2019
5. II. Agriculture Council,, Member of Plant Breeding, Plant Health and Environmental Protection. Ankara, November-December 2004

▪ **Book Chapter**

▪ **International Book Chapter**

Özdem A., 2016. Mapping Turkey's Resource Centers (Directorate of Plant Protection Central Research Institute. The Statistical, Economic and Social Research and Training Centre for Islamic Countries (SESRIC) and The Islamic Development Bank (IDB), 132p,. ISBN:978-975-6427-43-9.

▪ **National Book**

Kaymak S., **Özdem A.**, Karahan A., Özercan B., Aksu P., Aydar A., Kodan M., Yılmaz A., Başaran M.S., Asav Ü., Erdoğan P., Güler Y., 2015. Evaluation of plant protection input in our country. General Directorate of Agricultural Research and Policies, 83p.

▪ **National Book Chapter**

1. **Özdem A.**, 2009. Organic Agriculture, Chapter name: Management of pest control in Organic Agriculture, Ministry of Food Agriculture and Livestock, General Directorate of Organization and Support.
2. **Özdem A.**, Zeki C., Yıldırım A., Atlamaz A., Kalınbacak K., Atasay A., Kodan M., Bozkurt V., Balıç N., Kan M., Özyiğit S., Cönger E., 2010. Organic Agriculture Research Results, Chapter name: Management of Disease, Pest and Weed Control in Organic Cherry Production in Central Anatolia Region. General Directorate of Agricultural Research and Policies, <https://orgprints.org/id/eprint/21196>



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TAGEM
R&D AND INNOVATION

3. Özeran B., **Özdem A.**, 2014. A View from Agricultural Research 2014, Chapter name: Chemical Control. Ministry of Food Agriculture and Livestock, TAGEM/TEPGE, 606 p
4. Özeran B., **Özdem A.**, 2015. A View from Agricultural Research 2015 Chapter name: Chemical Control. Ministry of Food Agriculture and Livestock, TAGEM/TEPGE, 548 p
5. **Özdem A.**, Karahan A., 2018. Chemical Control from Theory to Practice, Chapter name: Chemical Control in the World and in Turkey. Printed by Matsa, Ankara. Ed.: Birişik N., 336 s
6. **Özdem A.**, 2019. Agricultural Control Methods, Cherry Pests and Control Methods. Cherry Workshop, Printed by Ayışığı, Burdur. Ed.: Türk R., Küden A., Güneş N. T., Atay E., Koç G. TR (Textbook), No:2 32-65.
7. **Özdem A.**, Bozkurt B., 2022. Cherry Growing Technique, Pests and Control Methods. Journal of Agriculture Agenda, (ISBN: 978-625-427-081-9). Special Publication: 66-74.

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

Memberships

1. Editor in Chief, Plant Protection Bulletin (2008-2022)
2. Turkish Entomology Society (1996-Continue)
3. EPPO Panel on Diagnostics and Quality Assurance (2017- Continue)
4. United Nations Environment Program (UNEP) Methyl Bromide Technical Options Committee (MBTOC) (2020- Continue)
5. General Directorate of Food and Control, Phytosanitary Risk Assessment Commission (2019-2020)
6. Eighth Five-Year Development Plan Specialization Commission (2005)
7. International Society for Horticultural Science (ISHS), (2018-2019)

Training, Course, Meeting, Workshop, Symposium and Other Activities

1. Using of pheromone on Grape berry moth, 01-31 July 1998, Ohio State University, USA
2. Modern technics on Coccoidae taxonomy, Ankara Üniversitesi, Z.F. Bitki Koruma Bölümü, June 1999 Ankara
3. Training of Organic Agriculture, ETO-Antalya (2001)
4. Training of Organic Agriculture, General Directorate of Organization and Support, 2002, Antalya
5. Integrated stone and pome fruit production in the Mediterranean region, IAMZ-CHIAM, September 2003, Zaragoza-Spain.
6. Organic Agriculture In-Service Training " Pest control methods, biotechnical and biological control methods " (2003-2011)



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7. Turkey Cherry Working Group (2005-2011)
8. "TS EN ISO/EC 17025: (General Conditions Standard for the Competence of Experiment and Calibration Laboratories)" 2005
9. 9. Report and Document Preparation Techniques, National Productivity Center, 2008
10. Türkiye Walnut Working Group, 2008
11. IPM Training Programme on Plant Health, "Apple IPM" IARTC-TİKA, 2010 İzmir.
12. Apple, Pear and Quince IPM, Certified Training, (2010-Continue)
13. Organic Agriculture Controller Training "General Principles of Plant Protection in Organic Agriculture" (For Agricultural Engineers, Food Engineers, Fisheries Engineers and Veterinarians). Turkish Standards Institution, Ankara (2012-2018)
14. Potato Harmful Organisms Symposium, 4-7 November 2013, Ankara
15. TAIEX, Expert mission on placing of Plant Protection Products on the market, EU Commission, 2014, Ankara
16. Workshop on Interlaboratory Comparison Studies, (Turkey-Netherlands), 2014, Ankara
17. IPMDROS-EUPHRESO II, Meeting of IPM Strategies against *Drosophila suzukii*, 2-5 December 2015, Italy
18. II. International Workshop on Stone Fruit and Nuts, 21-24 September 2015, İzmir, Türkiye
19. Corporate Excellence Stakeholder Engagement Workshop, 2016, Ankara
20. Symposium on Exchange and Cooperation to Enhance Innovation for Agricultural Science and Technology in South & Southeast Asia (IAAST-SSA) 11-17 June 2017, China
21. Genetic Resources Workshop, 02-04 Ağustos 2017, Ankara
22. Publishing Biology Course, ZMMAE, 2017, Ankara
23. EPPO Panel on Diagnostic and Quality Assurance, 5-7 March 2018, Portugal
24. The 3rd Symposium on Exchange and Cooperation to Enhance Innovation for Agricultural Science and Technology in South & Southeast Asia (IAAST-SSA), 20-22 August 2019, China
25. UNEP, TEAP Meeting of Methyl Bromide Technical Options Committee (MBTOC), 02-06 March 2020 India
26. EPPO Panel on Diagnostic and Quality Assurance, 09-12 March 2021, Webconference
27. 27. Threat for Turkey: Workshop *Xylella fastidiosa*, 6 October 2021, Online
28. Workshop on Current Situation, Control and Possible Risks of Important Invasive Insect Species in Our Country, 21 December 2021, Online
29. International Participation Workshop on New Approaches in the Control of Soil Born Pathogens, 15 December 2021, Online
30. TAIEX Workshop on Technical and Scientific Review Procedures and Files For Plant Protection Products, 27 - 30 September, 2021, Webconference
31. International Participation Workshop on biological and biotechnical control, 16-18 May 2022, Adana



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32. EPPO Panel on Diagnostic and Quality Assurance, 15-17 February 2022, Webconference
33. Enhancing practical skills of horticulture specialists to better address the demands of the European Green Deal -Hort4EUGreen- The meeting of Current Status And Perspectives Of Urban Horticulture 19-25 June 2022, Bulgaria
34. UNEP, TEAP Meeting of Methyl Bromide Technical Options Committee (MBTOC), 02- 05-09 September 2022 Bonn, Germany
35. 8th International Cereal Nematodes Symposium. 26-29 September 2022, Bolu.
36. Workshop on Seed for Our Future. 22-25 December, Antalya