



**TAGEM**  
R&D AND INNOVATION

BLACK SEA AGRICULTURAL RESEARCH  
INSTITUTE / SAMSUN

## Assoc. Prof. Dr. Kibar AK Institute Director

### EDUCATION

- Assoc. Prof** 2020 Inter-University Committee
  - PhD** 2001-2004 Selcuk University/Institute of Science  
Plant Protection
  - MSc** 1994-1997 Gaziosmanpasa University/  
Institute of Science and Technology,  
Plant Protection
  - Bachelor's Degree** 1990-1994 Cumhuriyet University  
Faculty of Agriculture, Department of Plant
- LANGUAGE** English (YÖK DİL: 73,75)

### CAREER

- 2013- ..... – Institute Director - Black Sea Agricultural Research Institute - SAMSUN
- 2000-2013 - Technical Personnel and Head of Department - Black Sea Agricultural Research Institute - SAMSUN
- 1997-2000 – Specialist-Gazi Osmanpaşa University, Erbaa Vocational School, Department of Technical Programs, Greenhouse Program
- 1995-1997 – Research Assistant - Gaziosmanpaşa University, Institute of Science and Technology, Department of Plant Protection

### ABOUT ME

He was born in 1971 in Trabzon's Of district. He completed his primary, secondary and high school education in Of. In 1990, he enrolled in Cumhuriyet University, Tokat, Faculty of Agriculture, Department of Plant Protection. He graduated in 1994. In the same year, he started his master's degree in Plant Protection Department in Gaziosmanpaşa University, Graduate School of Natural and Applied Sciences, and graduated in 1997. He worked as a Research Assistant at Gaziosmanpaşa University Institute of Science between 1995-1997 and as a Specialist at Gaziosmanpaşa University Erbaa Vocational High School between 1998-2000. In 1999, he started his doctorate education in Selçuk University Institute of Science, Plant Protection Department and graduated in 2004. He became Associate Professor in 2020. Since 2000, he has worked as an Engineer and Head of Department at the Ministry of Agriculture and Forestry, Black Sea Agricultural Research-Institute. He has been working as the Institute Director since 08.07.2013. He is married and has three children, two girls and a boy.

### CONTACT

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# ASSOC. PROF. DR. KİBAR AK

## Institute Director



### ▪ **PROJECTS**

#### ▪ **Projects Conducted**

1. Development of Different Trap Types and Investigation of Use Opportunities in Biotechnical Control Against Pests *Xylehorus dispar* (Fabricius) and *Lymantor coryli* Perris (Coleoptera: Scolytidae) in Hazelnut Orchards in Samsun and Ordu Province - TAGEM - Project Leader (2005-2007, Concluded).
2. Use of Some Organic Materials in Organic Hazelnut and Kiwi Farming in Samsun Province - TAGEM - Assistant (2008-2010, Concluded).
3. Distribution, Hosts, Biology and Control Methods of a New Pest *Ricania simulans* (Walker, 1851) (Hemiptera: Ricaniidae) in the Eastern Black Sea Region- TAGEM - Project Leader (2009-2011, Concluded).
4. Surveillance and Population Monitoring of the Tomato Moth *Tuta absoluta* (Meyrick) (Lepidoptera: Gelechiidae) and its Natural Enemies in the Black Sea Region - TAGEM - Project Leader (2010-2013, Concluded).
5. Investigation of the Possibilities of Using Cover Plants for Fighting Weeds in Some Orchards - Tübitak 1001 – Researcher (2012 – 2015, Concluded).
6. Increasing Trap Efficiency and Development of Semiochemically Supported Trap Plant Method in the Fight Against Pest Insects (Coleoptera: Curculionidae: Scolytinae) which are Harmful in Hazelnut - Tübitak 1001, Researcher (2012-2016, Concluded).
7. Detection of Diseases, Pests and Weeds and Identification of Natural Enemies in Kiwi Orchards of Central Black Sea Region-TAGEM – Project Leader (2014-2016, Concluded).

#### ▪ **Ongoing Projects**

1. Survey and Control of *Halyomorpha halys* (Stal) (Hemiptera: Pentatomidae) (Brown Marmorated Stink Bug) with Pheromone Traps in the Central and Eastern Black Sea Region – KİB General Secretariat – Project Leader (2018-, Ongoing).
2. Monitoring the Critical Biological Periods and Population Distribution of *Halyomorpha halys* (Stöl 1855) (Hemiptera: Pentatomidae) for the Control, TAGEM - Assistant Researcher (2019- , Ongoing).
3. Investigation of the Possibilities of Using Entomopathogens in Biological Control Against Boxwood Moth, *Cydalima perspectalis* (Lepidoptera:Crambidae) – TÜBİTAK 1001– Researcher (2022 – Continuing).



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## Institute Director

**TAGEM**  
R&D AND INNOVATION

### ▪ **PUBLICATIONS**

#### ▪ **INTERNATIONAL ARTICLES AND PAPERS**

##### ▪ **Articles Published in International Journals**

1. Erper, İ., Ak, K., Türkkan, M., Yıldırım, E., Alkan, M., Özer, G., 2022. Potential of Turkish Beauveria bassiana isolates for the management of the polyphagous planthopper, Orosanga japonica Melichar 1898 (Hemiptera: Ricaniidae). Egyptian Journal of Biological Pest Control (2022) 32:104
2. Gokturk, T., Kordali, S., Ak, K., Kesdek, M., Usanmaz Bozhuyuk, A., 2020. Insecticidal effects of some essential oils against Tribolium confusum (du Val.) and Acanthoscelides obtectus (Say), (Coleoptera: Tenebrionidae and Bruchidae) adults. International Journal of Tropical Insect Science, 40(3).
3. Ak, K., 2019. Efficacy of entomopathogenic fungi against the stored-grain pests, *Sitophilus granarius* L. and *S. oryzae* L. (Coleoptera: Curculionidae). Egyptian Journal of Biological Pest Control, 29(12):1-7.
4. Ak, K., Ilica, M., Aydın, Ö., Göktürk, T., 2019. Important invasive species and its pest status in Turkey: *Halyomorpha halys* (Stål) (Heteroptera: Pentatomidae). Journal of Plant Diseases and Protection, 126(5):401-408.
5. Ak Kibar, Güçlü Şaban, Eken Cafer, Sekban Reyhan (2015). *Ricania simulans* (Walker, 1851) (Hemiptera: Ricaniidae) a new pest for Turkey. Türkiye Entomoloji Dergisi-Turkish Journal Of Entomology, 39(2), 179-186.
6. Ak Kibar, Akça İzzet, Saruhan İslam (2017). Biological control of *Icerya purchasi* Maskell (Hemiptera: Margarodidae) with *Rodolia cardinalis* Mulsant (Coleoptera: Coccinellidae) in a Cherry Laurel Orchard. International Journal of Agriculture Innovations and Research, 5(5), 1077-1080.
7. Güçlü Şaban, Ak Kibar, Eken Cafer, Akyol Hüseyin, Sekban Reyhan, Beytut Birol, Yıldırım Resül (2010). Pathogenicity of *Lecanicillium muscarium* against *Ricania simulans*. BULLETIN OF INSECTOLOGY, 63(2), 243-246.
8. Ak Kibar, Mansur Ilica, Aydın Öznur, Göktürk Temel (2019). Important invasive species and its pest status in Turkey: *Halyomorpha halys* (Stål) (Heteroptera: Pentatomidae). Journal of Plant Diseases and Protection, 126(5), 401-408.
9. Ak Kibar, Eken Cafer, Güçlü Şaban, Sekban Reyhan (2014). Laboratory and Field Evaluations of The Entomopathogenic Fungus *Conidiobolus coronatus* for Controlling *Ricania simulans* (Walker) (Ricaniidae:Hemiptera). Egyptian Journal of Biological Pest Control, 24(2), 455-459.
10. Eken Cafer, Güçlü Şaban, Ak Kibar (2011). First report of *Conidiobolus coronatus* in Turkey. MYCOTAXON, 115, 121-124.
11. Ak Kibar, Güçlü Şaban, Tuncer Celal (2010). A new kiwi fruit pest, *Lymantor coryli* (Perris, 1853) (Coleoptera: Scolytidae) in Turkey. Türkiye Entomoloji Dergisi-Turkish Journal of Entomology, 34(3), 391-397.

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

1. Ak Kibar, Baltacı Abdullah, Eser Ümit, Saruhan İslam (2017). Incidence and severity of stink bugs damage on kernels in Turkish hazelnut orchards. IX International Congress on Hazelnut, 1226, 407-412. (Full Text)
2. Göktürk Temel, Ak Kibar (2019). Bentar Silikon Bazlı Yapıştırıcısının *Halyomorpha halys* Üzerindeki Etkisi. ISAS 2019, 4(1), 172-176. (Full Text)
3. Ak Kibar, Uluca Mansur, Aydın Öznur (2019). Comparison of the performance of sticky pheromone and funnel traps against *Halyomorpha halys* (Stal) (Heteroptera: Pentatomidae). International Erciyes Agriculture, Animal Food Sciences Conference, (Abstract)



## ASSOC. PROF. DR. KİBAR AK Institute Director



4. Altaş Kaan, Akça İzzet, Ak Kibar (2019). Research on Aphid Species on Rice Field in Boyabat District. ICAPS 2019, (Abstract)
5. Ak Kibar, Altaş Kaan (2021) Determination of the Efficacy of Some Biological Preparations in the Control of False Butterfly [*Ricania japonica* (Hemiptera: Ricaniidae)]. Turkey with International Participation VIII. Plant Protection Congress, 24-28.08.2021, 124 s. (Abstract)
6. Ak, K., Uluca M., Tuncer, C., 2022. Current Status of Brown Marmorated Stink Bug in Turkey. X International Congress on Hazelnut, to be held in Corvallis, Oregon, USA on September 5-9, 2022. (Oral Tam Metin Bildiri).

### ▪ NATIONAL ARTICLES AND PAPERS

#### ▪ Articles Published in National Journals

1. Duran Hüseyin, Çilingir İbrahim, Ak Kibar (2010). Effects of different sprayer types used in chemical control against hazelnut worm [*Curculio nucum* L. (Col.: Curculionidae)] on some beneficial and harmful insects. Plant Protection Bulletin, 50(3), 133-141.
2. Ak Kibar (2016). Comparison of sticky and non-sticky traps against pests (Coleoptera: Curculionidae: Scolytinae) in hazelnut orchards. Anatolian Journal of Agricultural Sciences, 1(31), 165-170.
3. Köse Bulam Çiğdem, Sezer Arzu, Ak Kibar, Işık Doğan (2014). Determination of the effects of different weed control methods on the Hazelnut Skunk [(*Palomena prasina* L.) (Hemiptera: Pentatomidae)] on population and damage. Plant Protection Bulletin, 1(54), 79-92.
4. Ak Kibar, Saruhan İslam, Tuncer Celal, Akyol Hüseyin, Kılıç Abdullah (2011). Detection and damage rates of Printer insect (Coleoptera: Scolytidae) species in Kiwi orchards in Ordu Province. Turkish Bulletin of Entomology, 1(4), 229-234.
5. Ak Kibar, Saruhan İslam, Akyol Hüseyin (2014). Determination of Performance of Different Trap Types Against *Xyleborus dispar* (Fabricius, 1792) and *Xyleborinus saxesenii* (Ratzeburg, 1837) (Coleoptera: Curculionoidea: Scolytidae). Anatolian Journal of Agricultural Sciences, 1(29), 26-35
6. Ak Kibar, Uysal Meryem, Tuncer Celal (2006). Studies on Population Change and Mass Capture Method of Printer Insects in Hazelnut Orchards in Samsun Province. Journal of Selçuk University Faculty of Agriculture, 20(39), 16-23.
7. Ak Kibar, Uysal Meryem, Tuncer Celal, Akyol Hüseyin (2005). Important Types of Printer Insect (Coleoptera: Scolytidae) Harmful in Hazelnuts in the Central and Eastern Black Sea Region and Solution Suggestions for Its Control. Selçuk Journal of Agriculture and Food Sciences, 19(37), 37-40.
8. Ak Kibar, Uysal Meryem, Tuncer Celal (2005). Damage Levels of Printer Insects (Coleoptera: Scolytidae) That Damage Hazelnut Orchards in Giresun, Ordu and Samsun. Journal of Gaziosmanpaşa University Faculty of Agriculture, 22(1), 9-14.
9. Ak Kibar, Cam Halit (1998). Faunistic studies on buprestidae (Coleoptera) species found in Tokat province. Journal of Gaziosmanpaşa University Faculty of Agriculture, 15(1), 31-45.
10. Ak Kibar, Uysal Meryem, Tuncer Celal (2005). Types, Brief Biology and Occurrence of Printer Insect (Coleoptera: Scolytidae) Harmful in Hazelnut Orchards in Giresun, Ordu and Samsun Provinces. Ondokuz Mayıs University Journal of the Faculty of Agriculture, 20(2), 37-44.
11. Ak Kibar, Sarı Ömer, Altaş Kaan, Yaşar Halil (2021). A new pest, *Cydalima perspectalis* (Walker, 1859) (Lepidoptera: Crambidae) in the boxwood fields of Hatay province. Artvin Coruh University Journal of Forestry Faculty, 22 (1), 109-116s.



## ASSOC. PROF. DR. KİBAR AK Institute Director



12.Çetin, G., Pınar, H. G., Ak, K., Oğuzhan, S., 2022. İstanbul İli Emirgan Korosu'nda Belirlenen Kabuk ve Ambrosya Böcekleri ile Avcı Türleri. Bartın Orman Fakültesi Dergisi. 24(2): 304 – 314.

### ▪ National Papers, Seminars, etc.

1. Ak Kibar, S Aruhan Islam, Akyol Hüseyin, Beytut Birol (2006). Printer Insects (Coleoptera: Scolytidae) That Damage Hazelnut and Kiwi Orchards and Biotechnical Control Methods Against These Pests. I. Rize Symposium.
2. Ak Kibar, Özyazıcı Gülen (2013). Investigation of Hazelnut Pests in Organic Hazelnut Grown in Samsun. Turkey V. Organic Agriculture Symposium
3. Işık Doğan, Doc Mahmut, AK KİBAR, Macit İdris, Demir Zeynep, MENNAN HÜSREV (2016). Investigation of the possibilities of using cover plants in the control of weeds in kiwi orchards. Turkey VI. Plant Protection Congress; International Participation
4. Turan Ali, Sezer Arzu, Ak Kibar (2007). The Effect of Some Organic Materials on Yield and Quality of Hazelnut. Turkey V. National Horticultural Congress
5. Turan Ali, Ruşen Mine, İslam Ali, Kurt Haydar, Ak Kibar, Sezer Arzu, Sarioğlu Muaffak, Kalyoncu İsmail Hakkı, Kalkışım Özgün (2010). Investigation of Organic Hazelnut Production Opportunities in Giresun Conditions . Turkey IV. Organic Agriculture Symposium, 123-129.
6. Ak Kibar, Işık Doğan, Dok Mahmut, Macit İdris, Demir Zeynep, Mennan Hüsrev (2016). Effects of Cover Plants on the Fauna in Orchards. Turkey VI. Plant Protection Congress; International Participation
7. Işık Doğan, Doc Mahmut, Ak Kibar, Macit İdris, Demir Zeynep, Mennan Hüsrev (2016). The Use of Cover Plants to Control Weeds in Semi-Dwarf Apple Orchards. Turkey VI. Plant Protection Congress; International Participation
8. Ak Kibar, Uysal Meryem, Tuncer Celal (2006). Pests (Coleoptera: Scolytidae) Species and Control in Kiwis in the Black Sea Region. 2nd National Symposium on Berries 14-16 September TOKAT
9. Ak Kibar, Akyol Hüseyin (2016). Surveillance and Population Monitoring of Tomato Moth, *Tuta absoluta* (Meyrick) (Lepidoptera: Gelechiidae) in the Black Sea Region. Turkey VI. Plant Protection Congress; International Participation
- 10.Eken Cafer, Ak Kibar, Güçlü Şaban, Young Cut Tuba, Sekban Reyhan (2013). Fungal Flora of *Ricania simulans* (Hemiptera: Ricaniidae). XI. Ecology and Environment Congress
- 11.Ak Kibar, Uysal Meryem, Tuncer Celal (2004). Types and Occurrence of Printer Insect (Coleoptera: Scolytidae) Harmful in Hazelnut Orchards in Giresun, Ordu and Samsun Provinces . Turkey I. Plant Protection Congress
- 12.Ak Kibar, Güçlü Saban, Sekban Reyhan (2012). Determination of the Efficacy of Azadirachtin and Spinosad Active Biopesticides against a New Harmful *Ricania simulans* (Walker, 1851) (Hemiptera: Ricaniidae) in the Eastern Black Sea Region. Agriculture Symposium
- 13.Ak Kibar, Akyol Hüseyin, Beytut Birol, Öztürk Coşkun (2009). Population Monitoring of *Xyleborus dispar* and *Lymantria coryli* (Coleoptera: Scolytidae) causing damage in hazelnut orchards in Ordu and Samsun provinces. Turkey III. Plant Protection Congress
- 14.Ak Kibar, Saruhan İslam, Tuncer Celal, Akyol Hüseyin, Kılıç Abdullah (2011). Detection of Printer Insect (Coleoptera: Scolytidae) Species and Loss Rates in Kiwi Orchards in Ordu Province. Turkey IV. Plant Protection Congress.
- 15.Saruhan İslam, Tuncer Celal, Ak Kibar (2006). Tea Pests. I. Rize Symposium, 16-18 November 2006, Rize.



# ASSOC. PROF. DR. KİBAR AK

## Institute Director



### ▪ **OTHER PUBLICATIONS**

#### ▪ **Ph.D. Thesis, Master Thesis, Reports, Books etc.**

1. Faunistic studies on species of Buprestidae (Coleoptera) family found in Tokat province (Master's Thesis - Gaziosmanpaşa University, Institute of Science, Department of Plant Protection - 1997)
2. Research on the detection and mass capture method of printer insect (Coleoptera: Scolytidae) species that damage hazelnut orchards in Giresun, Ordu and Samsun provinces (PhD Thesis - Selçuk University, Institute of Science, Department of Plant Protection - 2004)

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

1. Turkish Entomology Association Membership, 2011