

**Prof Dr. Yalcin KAYA**

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**EDUCATION:**

<b>YEARS:</b>	<b>GRADUATED SCHOOL:</b>	<b>DEGREE:</b>
1980-1983	Kepirtepe Teacher High School	Diplomas
1983-1987	Uludag University Agriculture Faculty Field Crops Department - Bursa, Turkey	B Sc
1996-1998	Nebraska University Agronomy Department - Lincoln, NE, USA	M Sc
1999-2001	Trakya University Agriculture Faculty Field Crops Department - Tekirdag, Turkey	Ph D
2004	USDA Sunflower Research Unit, Fargo, ND, US	Post Doctorate
2011	The Council of Higher Education	Associated Professor
2016	Trakya University Genetic and Bioengineering Dept	Professor Dr.

**1. WORKING EXPERIENCE**

<b>DUTY PLACE</b>	<b>TITLE</b>	<b>Date From</b>	<b>Date To</b>
Aksaray Province Extension Center	Extension Specialist	01.06.1990	18.04.1994
Trakya Agricultural Research Institute	Researcher	18.04.1994	20.12.1998
Trakya Agricultural Research Institute	National Res. Coordinator and Project Leader	20.12.1998	28.11.2013
Trakya Agricultural Research Institute	Deputy Director	18.05.2001	14.07.2013
Plant Breeding Research Center - Trakya University	Director	14.03.2014	-
Trakya Univ. Engineering Faculty Genetic and BioEngineering Dept.,	Head of Department	07.07.2014	-

**2. PROFESSIONAL ACTIVITIES:**

I was born in a big village in Trakya Region which is in the European part of Turkey. In 1987 I graduated from Faculty of Agriculture in Bursa, Turkey I started to work in the Turkish Ministry of Agriculture in 1990, at the extension service of Aksaray Province in Middle Anatolia as Specialist in field crops. During my stay in the National Agricultural Extension service, in a Research Project funded by World Bank (1990-1994), I was a responsible person for the managing, planning and programming of province extension plans as well conducting many demos and field trials in farmer conditions. I also participated in many courses related to production techniques of field crops. After my appointment to Trakya Agricultural Research Institute-Edirne in 1994, I started to work in National Sunflower Project (1994-1998). I did M Sc in University of Nebraska - Lincoln US in 1996-1998, and later on Ph D in Trakya University in 1999-2001 on sunflower breeding. In December 1998, I became National Sunflower Project Leader and National Sunflower Research Coordinator. I have worked also as Technical Director,

Administrative Director and head of Breeding and Genetic Department in Trakya Agricultural Research Institute between 2001 and 2013. I was responsible for conducting experiments, improving and developing new inbred lines and cultivars; sunflower hybrid breeding; developing lines with resistance to sunflower pests and diseases, as well as Orobanchaceae. In addition, I started several national oil crops projects. As deputy director of that institute, I was managing research projects, training researchers and technical personnel, and organizing meetings. I did a Post Doctorate on sunflower molecular Breeding in USDA Sunflower Research Unit at Fargo, ND in US in 2004. I became Associated Professor on industrial crops in June 2011. After leaving from Trakya Agricultural Research Institute, in December 2013 I began work in Trakya University as Associated Professor. In April 2014, I became director of Plant Breeding Research Center in Trakya University. In July 2014, I was appointed as Head of Genetic and Bioengineering Department, Engineering Faculty, Trakya University. Since November 2016 I am Full Professor in the Genetic and Bioengineering Department.

At National level, I was founder and former President of Turkish Plant Breeders Association. I have been serving as member of the National Sunflower Cultivar Registration Committee and the National Field Crops Research Committee. I have been associated editor of some Turkish agricultural journals, as well as columnist in local newspapers. I have been taking part in evaluation of scientific projects and Research Meetings. I am also Board Member of Turkish Seed Union. In May 2014, I became President of Turkish Plant Breeders Sub Union.

At International level, I am former President of International Sunflower Association (<http://www.isa.cetiom.fr>) situated in Paris, France and board member of Black Sea Biotechnology Association ([www.bsba.ag/](http://www.bsba.ag/)) in Sofia, Bulgaria. I am also the research coordinator of FAO Sunflower Network since 2010 to present. I organized many plant breeding, statistical analysis and experimental design courses, as well as five International conferences and symposiums. I served in scientific committees of many international symposiums and conferences until today. I am serving also on editorial boards of some scientific journals. I have attended many congresses, conferences and meetings as invited speaker. I have published more than 200 papers in scientific journals, as well as having book chapters in several books, etc.

### 3. a) PROJECTS CARRIED

PROJECT NAME	Starting Date	Finished Date
The National Sunflower Project	1994	1996
Effect of different form of nitrogen fertilizers, rates and application times on dwarf and semi dwarf sunflower hybrids yield and yield components	1999	2002
The Yield Estimation in sunflower and the determination of crop patterns in Edirne Province utilizing from GIS	2006	2008
Breeding of new biotic and abiotic stress resistance linoleic, middle or high-oleic sunflower joint hybrids in Hungary and Turkey (Bilateral Project between Szeged Institute - Hungary and Trakya Institute -Turkey)	2007	2009
The determination of Boron (B) requirement of sunflower and effects on yield in sunflower in Trakya region (BOREN PROJECT)	2012	2014
The genetic improvement of 08 TR 003 sunflower hybrid as resistant to downy Mildew ( <i>Plasmopara halstedii</i> (Farl.) Berl. and de Toni) AGY105-01, (1505 TUBITAK PROJECT)	2014	2016
The determination of tolerance of sunflower ( <i>Helianthus annuus</i> L.) genetical material against drought and using in breeding programs (TUBITAK 1001- 113O125)	2014	2017

The development of resistant sunflower ( <i>Helianthus annuus</i> L.) diploid lines against broomrape and downy mildew in vitro conditions (TUBiTAK 1001- 2140274)	2015	2018
The genetic characterization rice cultivars utilizing MAS (TAGEM PRIVATE SECTOR PROJECT)	2016	2018
The Determination Thermal Stability of Genetically Modified Oleic Type Refined Sunflower Oil in Deep Fried (KIRLARELI UNIVERSITY BAB PROJECT) 19.926 TL	2015	2017
The Confectionery Pumpkin Hybrid Breeding (1507 TUBITAK PROJECT) 315.588 TL	2016	2017
Micropropagation and Conservation of Edirne Hyacinth ( <i>Bellevalia edirnesis</i> Ozhatay & Mathew) via ex situ Techniques (TU BAP) 43.076 TL	2017	2018

#### **b) PROJECTS CARRIED AS LEADER**

<b>PROJECT NAME</b>	<b>Starting</b>	<b>Finished</b>
The Project of Development of Sunflower Hybrids	1999	2001
Turkey Oil Crops Adaptation Project	2001	2003
Development of Confectionery Sunflower Cultivars Project	2001	2009
The Project of Determining New Orobanchae Races Infested Area in Trakya Region and Developing Resistant Sunflower Hybrids and Lines Against These Races	2001	2009
GAP Oil Crops Integrated Crop Management Project	2001	2005
The Project of Development of Sunflower Hybrids	2002	2005
National Sunflower Integrated Crop Management Project	2004	2008
The Project of Development of Sunflower cultivars (Oil type, Confectionery type, Broomrape and IMI herbicide resistant)	2009	2013
The determination of resistant genes against broomrape which is problem in sunflower utilizing molecular markers (BAP PROJECT)	2014	2015
The development of broomrape ( <i>Orobanchae cumana</i> Wallr.) Resistant and high oleic acid type sunflower ( <i>Helianthus annuus</i> L.) Inbred lines utilizing classical and molecular breeding methods (TUBITAK PROJECT 1003-140971)	2015	2018
The development of IMI herbicide resistant sunflower ( <i>Helianthus annuus</i> L.) lines against broomrape and downy mildew (TAGEM PRIVATE SECTOR PROJECT)	2016	2018
The Use of Molecular Markers on Determining of Downy Mildew Resistance in Sunflower (TU BAP) 58.510 TL	2016	2017
The determining resistant sunflower genotype to downy mildew utilizing from molecular markers (TU BAP) 15.000 TL	2016	2017
Determination DNA Content of some Sunflower Wild Species (TU BAP) 15.000 TL	2018	2019
Molecular Phylogenetic Analysis of Subtribe <i>Anthemidinae</i> ( <i>Asteraceae</i> ) Growing in Trakya Region (TU BAP) 30.000 TL	2018	2020
The Confectionery Sunflower Hybrid Breeding (1507 TUBITAK PROJECT) 308.888 TL	2019	2020

**3. DEVELOPED SUNFLOWER CULTIVARS UNDER LEADERSHIP:**

NAME	TYPE	COUNTRY	REGIS. DATE
TARSAN 1018	Sunflower Hybrid Oil Type	Turkey	1999
ARDA 2098	Sunflower Hybrid Oil Type	Turkey	1999
TR-3080	Sunflower Hybrid Oil Type	Turkey	2000
TR-6149 SA	Sunflower Hybrid Oil Type	Turkey	2002
AYDIN 2001	Sunflower Hybrid Oil Type	Turkey	2002
MERIC 2001	Sunflower Hybrid Oil Type	Turkey	2002
CIGDEM	Confectionery OP Sunflower	Turkey	2008
CLARISSA	Sunflower Hybrid Oil Type	Romania, Ukraine	2010,2011
INESSA	Sunflower Hybrid Oil Type	Romania	2010
LAURA	Sunflower Hybrid Oil Type	Romania	2011
PALANCI - I	Confectionery Sunflower Hybrid	Turkey	2011
08 TR 003	Sunflower Hybrid Oil Type	Turkey	2012
DUNA	Sunflower Hybrid Oil Type	Turkey	2013
ŞEMS	Sunflower Hybrid Oil Type	Turkey	2013
KAAN	Sunflower Hybrid Oil Type	Turkey	2013
SARAY	Sunflower Hybrid Oil Type	Turkey	2013
ORACLE	Sunflower Hybrid Oil Type	Turkey	2013
11 TR 077	Sunflower Hybrid Oil Type	Turkey	2013
09 TRC 004	Confectionery Sunflower Hybrid	Turkey	2013
ORFEY	Sunflower Hybrid Oil Type	Russia	2015
LG5428	Sunflower Hybrid Oil Type	Italy	2015
LG5490B	Sunflower Hybrid Oil Type	Italy	2015
11 TR015	Sunflower Hybrid IMI Herbicide Resistant	Turkey	2015
CETİNBAY	Confectionery Sunflower Hybrid	Turkey	2015
AVESA CRZ 2012	Confectionery Sunflower Hybrid	Turkey	2015

**4. DEVELOPED SUNFLOWER INBRED LINES UNDER LEADERSHIP:**

NAME	TYPE	COUNTRY	REGISTRATION DATE
2453 A	Inbred Female Line Oil Type	Turkey	11.4.2006
2517A	Inbred Female Line Oil Type	Turkey	09.4.2008
25712R	Inbred Male Line Oil Type	Turkey	09.4.2008
62301R	Inbred Male Line Oil Type	Turkey	09.4.2008
7751A	Inbred Female Line Oil Type	Turkey	09.4.2008
62303 R	Inbred Female Line Oil Type	Turkey	15.4.2010
6626 A	Inbred Female Line Oil Type	Turkey	15.4.2010
96172107 A	Confectionery Inbred Female Line	Turkey	15.4.2010
K9 RSn 1	Confectionery Inbred Male Line	Turkey	15.4.2010
932229 A	Confectionery Inbred Female Line	Turkey	06.4.2011
977523 R	Confectionery Inbred Male Line	Turkey	06.4.2011
08IMI2R	Inbred Male Line IMI and Oil Type	Turkey	06.4.2011
08IMI3R	Inbred Male Line IMI and Oil Type	Turkey	06.4.2011
08IMI2A	Inbred Male Line IMI and Oil Type	Turkey	06.4.2011
08IMI3A	Inbred Male Line IMI and Oil Type	Turkey	06.4.2011

9702 R	Inbred Male Line Oil Type	Turkey	06.4.2011
9758 R	Inbred Male Line Oil Type	Turkey	06.4.2011
6388 A	Inbred Female Line Oil Type	Turkey	11.4.2012
6973 R	Inbred Male Line Oil Type	Turkey	11.4.2012
8129 R	Inbred Male Line Oil Type	Turkey	11.4.2012
K9 R C SN 2	Confectionery Inbred Male Line	Turkey	11.4.2012
TT 119 4 R	Inbred Male Line Oil Type	Turkey	11.4.2012
9175 A	Inbred Female Line Oil Type	Turkey	11.4.2012
9661 A	Inbred Female Line Oil Type	Turkey	11.4.2012
9178 A	Inbred Female Line Oil Type	Turkey	11.4.2012
78871R	Inbred Male Line Oil Type	Turkey	10.4.2013
9990 R	Inbred Male Line Oil Type	Turkey	10.4.2013
97583 R	Inbred Male Line Oil Type	Turkey	10.4.2013
96171 A	Confectionery Inbred Female Line	Turkey	10.4.2013
9707A	Inbred Female Line Oil Type	Turkey	10.4.2014
9881 R	Inbred Male Line Oil Type	Turkey	10.4.2014
9987 R	Inbred Male Line Oil Type	Turkey	10.4.2014
9728 A	Inbred Female Line Oil Type	Turkey	10.4.2014
IMI 044 A	Inbred Male Line IMI and Oil Type	Turkey	10.4.2014
9718 A	Inbred Female Line Oil Type	Turkey	31.3.2015
9444 A	Inbred Female Line Oil Type	Turkey	31.3.2015
97581 R	Inbred Male Line Oil Type	Turkey	31.3.2015
9979 R	Inbred Male Line Oil Type	Turkey	31.3.2015
9942 A	Confectionery Inbred Female Line	Turkey	31.3.2015
98920 R	Confectionery Inbred Male Line	Turkey	31.3.2015
IMI 078 A	Inbred Female Line IMI and Oil Type	Turkey	31.3.2015
IMI 217 R	Inbred Male Line IMI and Oil Type	Turkey	31.3.2015

## 5. HONORS AND AWARDS

- The Best Plant Breeder in Turkey, 2017 by Turkish Plant Breeders Union
- Diploma of Honor, 2015 by Academy of Sciences of Moldova
- Doctorate of Honoris Causa, 2014 by The University of the Academy of Sciences of Moldova
- The Best Agronom in Turkey in 2012 by Turkish Agricultural Engineers Union
- The Best Government Officer in Edirne in 2011 by Turkish Government Officers Union, Edirne

## 6. SCHOLARSHIPS

- Master of Science in US, 1996-1998 National Extension Project by World Bank
- Post Doctorate in US, 2004 TUBITAK Project by NATO Fellowship

## 7. TEACHING CLASSES

### Bachelor Science

- Biometry
- Statistical Analysis and Experiment Techniques
- Seminar on Genetics and Bioengineering
- Seed Science and Technology
- Hybrid Breeding and Technology in Plants
- Plant Genetic Resources
- Applied Plant Breeding

### Master of Science

- Seed Production Techniques I
- The Use and Conservation of Plant Genetic Resources
- The Crossing Techniques in Crops

### Philosophy of Doctorate

- Seed Production Techniques II

## 8. COMPLETED GRADUATE THESIS UNDER ADVISORY

### Merve GUZEL, M Sc

Determination of Inheritance of Oleic Acid in Safflower Breeding by Utilizing Classical and Molecular Methods. 2016

### Caglar COLAK, M Sc

Determination of Genetic Material Having High Oleic Fatty Acid Utilizing MAS in Sunflower. 2017

### Emrah AKPINAR, M Sc

Determination of Downy Mildew Resistant Genotypes by Molecular Markers in Sunflower. 2018

## 9. PUBLICATIONS

Papers on SCI index journals	6
Papers on other indexed journals	46
Papers on published on conference books	135
Other published Papers	41
<b>TOTAL</b>	<b>226</b>

### A. International papers:

#### In SCI Journals:

**A1. Kaya Y., G. Evci, S. Durak, V. Pekcan, T. Gucer. 2007.** Determining the Relationships between Yield and Yield Attributes in Sunflower. **Turkish Journal of Agricultural and Forestry.** 31: 237-244.

**A.2 Kaya, Y., G. Evci, S. Durak, V. Pekcan, T. Gucer. 2009.** Yield components affecting seed yield and their relationships in sunflower (*Helianthus annuus* L.). **Pakistan Journal of Botany.** 41(5): 2261-2269.

**A.3 Kaya, Y., G. Evci, V. Pekcan, T. Gucer, I. M. Yilmaz. 2009.** Ay^eginde Yag Verimi ve Bazi Verim Ogeleri Arasinda iliskilerin Belirlenmesi. **Ankara Universitesi Ziraat Fakultesi, Tarim Bilimleri Dergisi.** 15 (4): 310-318.

**A.4 Semerci, A., Y. Kaya, K. Peker, I. Sahin, N. Citak, 2011.** The analysis of sunflower yield and

water productivity in Trakya region. **Bulgarian Journal of Agricultural Science**, 17: 207-217.

- A-5 Kaya, Y., A. S. Balkan Nalcai, Ş. Ülha Erdal, O. Arslan, N. Cicek, V. Pekcan, G. Evcı, M. I. Yılmaz, Y. Ekmekci. 2016** Evaluation of Male Inbred Lines of Sunflower (*Helianthus annuus* L.) for Resistance to Drought via Chlorophyll Fluorescence. **Turkish Journal of Field Crops**. 21 (2): 162-173
- A-6 Rauf, S., Jamil, N., Ali Tariq, S., Khan, M., Kausar, M., Y Kaya. 2017.** Progress in Modification of Sunflower Oil to Expand its Industrial Value. **Journal of Science of Food and Agriculture**. 97:1997-2006.

### **In Other Journals**

- A.1 Kaya, Y., G. Evcı, M. Demirci. 2004.** Sunflower (*Helianthus annuus* L.) Breeding in Turkey for Broomrape (*Orobanche cernua* Loeffl.) and Herbicide Resistance. **Helia**. 27: 40. 199-210.
- A.2 Kaya, Y., G. Evcı, V. Pekcan, T. Gucer. 2004.** Determining new broomrape infested areas, resistant lines and hybrids in Trakya Region of Turkey. **Helia**. 27: 40. 211-218.
- A.3 Kaya, Y., D. Baltensperger, L. Nelson, J. F. Miller. 2004.** Maturity Grouping in Sunflower (*Helianthus annuus* L.). **Helia**. 27: 40. 257-269. (from M Sc thesis)
- A.4 Kaya, Y., I. K. Atakisi. 2004.** Combining Ability Analysis in Some Yield Characters of Sunflower (*Helianthus annuus* L.). **Helia**. 27: 41. 75-84. (from Ph D thesis)
- A.5 Kaya, Y. 2005.** Hybrid Vigor in Sunflower (*Helianthus annuus* L.). **Helia**. 28: 43. 77-86. (from Ph D thesis)
- A.6 Semerci, A., C. Kurt, Y. Kaya. 2006.** Forage Crop Production in Edirne Province. **Journal of Mountain Agriculture on the Balkans**. 9:3. 453-464.
- A.7 Semerci, A., C. Kurt, Y. Kaya. 2006.** The General Situation of Pasture Lands in Edirne Province. **Journal of Mountain Agriculture on the Balkans**. 9:4. 587- 603.
- A.8 Semerci, A., Y. Kaya, S. Durak. 2007.** Economic Analysis of Sunflower Production in Turkey. **Helia**. 30: 47. 105-113.
- A.9 Kaya, Y., G. Evcı, V. Pekcan, T. Gucer, S. Durak, I. M. Yılmaz. 2008.** The Path Analysis of Yield Traits in Sunflower (*Helianthus annuus* L.). **Latvian Journal of Agronomy**. 11: 72-77.
- A.10 Kaya, Y., G. Evcı, V. Pekcan, T. Gucer, I. M. Yılmaz. 2009.** The Evaluation of Broomrape Resistance in Sunflower hybrids. **Helia**. 32 (51): 161-169.
- A.11 Demirci M., Kaya, Y. 2009.** Status of *Orobanche cernua* Loeffl. and Weeds in Sunflower Production in Turkey. **Helia**. 32 (51): 153-160.
- A.12 Semerci, A. Kaya, Y., 2010.** The Component of Production Cost in Sunflower and its Relationships with Input Prices. **International Review of Applied Economics**. 5(1-2):139-146
- A.13 Kaya, Y., V. Kaya, M. Kaya, A. Semerci. 2009.** Oilseed Production and Processing of Turkey. **Uljarstvo**. 40, (1-2): 37-42.
- A.14 Semerci, A., Kaya, Y., Sahin, I. İtik, N. 2010.** The Determination of the Performances and the Adoption Level of Sunflower Cultivars Based on the Resistance to Broomrape at Farmer Conditions in Trakya Region. **Helia** 53: 69-76.
- A.15 Kaya, Y. 2010.** Public Sunflower Breeding in Turkey and Future Directions. **Plant Science (Rasteniievudni Naouki)**. 47 (1): 7—13.
- A-16 Karaaslan, D. A. Hatipoglu, Z. Turk, Y. Kaya. 2010.** Determination of Potential Sunflower (*Helianthus annuus* l.) Cultivars under Irrigated Conditions in Diyarbakir. **Helia**. 33 (52): 145-152.
- A-17 Evcı, G., N. Sezer, V. Pekcan, M. I. Yılmaz, Y. Kaya. 2011.** Broomrape control in sunflower production in Turkey. International Symposium on Broomrape (*Orobanche spp.*) Sunflower. **Journal of Academy of Science of Moldova**. 2 (314): 111-117.
- A-18 Evcı, G., N. Sezer, V. Pekcan, M. I. Yılmaz, Y. Kaya. 2011.** Chemical control of broomrape and weeds with Imidazolinone herbicide and resistant hybrids in sunflower production in Turkey. **Journal of Academy of Science of Moldova**. 2 (314): 118-124.
- A-19 Evcı, G., V. Pekcan, M. I. Yılmaz, Y. Kaya. 2012.** The Resistance breeding to IMI and SU herbicides in sunflower. **Plant Science**, 49, 6-11.
- A.20 Kaya, Y., G. Evcı, V. Pekcan, I. M. Yılmaz. 2013.** Clearfield Technology in Sunflower and

- Developing Herbicide Resistance Sunflower Hybrids. **Soil-Water Journal**. 2(2): 17131720.
- A-21 Kaya, Y. 2014.** Sunflower Production In Balkan Region: Current Situation And Future Prospects. **The Journal "Agriculture and Forestry"**. 60(4): 95-101.
- A-22 Kaya, Y. 2015.** Herbicide resistance breeding in sunflower, current situation and future directions. **Journal of Academy of Science of Moldova**. 2 (326): 101-106.
- A-23 Pekcan, V., G. Evci, M. I. Yilmaz, Y. Kaya. 2015.** Developing confectionery sunflower hybrids and determination of their yield performances in different environmental conditions. **Ekin Journal**. 2: 47-55.
- A-24 Pekcan, V., G. Evci, M. I. Yilmaz, A. S. Balkan Nalcai, §. Qulha Erdal, N. Cicek, Y. Ekmekci, Kaya, Y. 2015.** Drought Tolerance of Some Sunflower Inbred Lines and Effects on Some Yield Traits. **Agriculture & Forestry**, 61(4): 101-107.
- A-25 Pekcan, V., G. Evci, M. I. Yilmaz, A. S. Balkan Nalcai, §. Qulha Erdal, N. Cicek, Y. Ekmekci, Kaya, Y. 2015.** Evaluating Foliar Responses of Sunflower Genotypes under Drought Stress. **International Journal of Scientific Research in Science and Technology**. 1 (6): 54-63
- A-26 Evci G., Pekcan V., Yilmaz IM., Citak N., Tuna N., Ay O., Pilasli A., Kaya Y., 2016.** Determination of Yield Performances of Oleic Type Sunflower (*Helianthus annuus* L.) Hybrids Resistant to Broomrape and Downy Mildew. **Ekin Journal**. 2-3:45-50.
- A-27 Pekcan, V., G. Evci, M. I. Yilmaz, A. S. Balkan Nalcai, §. Qulha Erdal, N. Cicek, Y. Ekmekci, Kaya, Y. 2016.** Effects of Drought on Morphological Traits of some Sunflower Lines. **Ekin Journal**. 2 (2): 54-68
- A-27 Bilgen, B. B., Sheida Daneshvar, G. Evci, V. Pekcan, M. I. Yilmaz, Kaya, Y. 2018.** Determination of High Oleic Type and Broomrape Resistant Sunflower Hybrids by DNA Markers. **Ekin Journal**. 4(1): 22-30.
- A-28 Saensee, K., T. Machikowa, Y. Kaya, N. Muangsan. 2018.** Relationship between floret size and anther culture response in an ornamental sunflower. **Asia-Pacific Journal of Science and Technology**. 23(02): 1-9.
- A-29 Kaya, Y., Beşer, N. 2018.** Turkish Seed Sector: Current Situation and Future Directions. **Field Crop Studies**. XI(2): 81-96.
- A-30 Kaya, Y., S. Sahin, Beşer, N. 2018.** Determining of Yield Performances of some IMI Resistant Sunflower Hybrids in Trakya Region, Turkey. **The Eurasia Proceedings of Science, Technology, Engineering & Mathematics**, 3:126-132.
- A-31 Kosev, V., Vasileva, V., Kaya, Y. 2019.** Assessment of Initial Material of Vetches in Productive and Adaptive Ability. **International Journal of Innovative Approaches in Agricultural Research**, 3(1): 96-111.
- A-32 Kosev, V., Vasileva, V., Kaya, Y. 2019.** Ecological Stability of Quantitative Signs in White Lupin Varieties. **International Journal of Innovative Approaches in Agricultural Research**, 3(1): 67-80.
- B. Papers Published in International Conference Proceedings**
- B.1 Demirci, M., Y. Nemli, Y. Kaya. 2003.** Effect of soil temperature on *Orobancha cernua* Loeffl. growing stages and control strategies. Proc. **European Weed Research Society (EWRS) 7th Mediterranean Symposium**, 6-9 May. Cukurova University, Adana, Turkey. 151-152.
- B.2 Kaya, Y. 2004.** Confectionery Sunflower Production in Turkey. Proceeding of **16<sup>th</sup> International Sunflower Conference**. August 29-September 2. Fargo, USA. 817-822.
- B.3 Kaya, Y. 2004.** Sunflower Breeding, Seed Industry and Future Directions in Turkey. Proceeding of **16<sup>th</sup> International Sunflower Conference**. August 29-September 2. Fargo, USA. 465-472.
- B.4 Kaya, Y. G. Evci, V. Pekcan. 2005.** Sunflower Hybrid Breeding In National Research Programs of Turkey. **Balkan Scientific Conference on Breeding and Cultural Practices of the Crops**. 1-3 June. Karnobat, Bulgaria. 1: 274-278.
- B.5 Kaya, Y., G. Evci, S. Durak, V. Pekcan, T. Gucer. 2005.** The Determination Yield Stability of Sunflower Hybrids in Edirne, Turkey. **Balkan Scientific Conference on Breeding and Cultural Practices of the Crops**. 1-3 June. Karnobat, Bulgaria. 1: 279283.
- B.6 Kaya, Y., G. Evci, S. Durak, V. Pekcan, T. Gucer. 2005.** The Growing Degree Days Evaluations in Sunflower. **Balkan Scientific Conference on Breeding and Cultural Practices of the Crops**. 1-3 June. Karnobat, Bulgaria. 2: 403-407.
- B.7 Kaya, Y. 2005.** Sunflower Cultural Practices in Turkey. **Balkan Sci. Conf. on Breeding and**



- Cultural Practices of the Crops.** 1-3 June. **Karnobat, Bulgaria.** 2: 399-402.
- B.8 Kaya, Y., G. Evci. 2007.** Herbicide Resistance in Sunflower (*Helianthus annuus* L.). **International Research Conference, Plant Genetic Stocks - The Basis of Agriculture of Today**, June 13-14. **Plovdiv, Bulgaria.** 2: 45-47.
- B.9 Kaya, Y., G. Evci. 2007.** The Utilization from Wild Species in Sunflower Breeding. **International Research Conference, Plant Genetic Stocks - The Basis of Agriculture of Today**, June 13-14. **Plovdiv, Bulgaria.** 2: 17-19.
- B.10 Kaya, Y., G. Evci, S. Durak, V. Pekcan, T. Gucer, I. M. Yilmaz. 2007.** Determining efficiency of subsidizing policies Analysis in sunflower (*Helianthus annuus* L.) **1<sup>st</sup> International Conference "Research People and Actual Tasks on Multidisciplinary Sciences"**. June 6-8. **Lozenec, Bulgaria.** 283-286.
- B.11 Kaya, Y., V. Kaya, i. Şahin, M. Ustun Kaya, G. Evci, N. İitak. 2008.** The Future Potential of Oleic Type Sunflower In Turkey. **Proceedings of 17<sup>th</sup> International Sunflower Conference, Cordoba, Spain.** June 8-12. **International Sunflower Assoc.** 2: 791-796.
- B.12 Kaya, Y., V. Kaya, G. Evci, i. Şahin, M. Ustun Kaya. 2008.** The Situation and Future Directions of Sunflower Production in Black Sea Region. **Proceedings of 17<sup>th</sup> International Sunflower Conference, Cordoba, Spain.** June 8-12. 2: 785-790.
- B.13 Kaya, Y., V. Kaya, G. Evci, i. Şahin, M. Ustun Kaya. 2008.** Oil Type Sunflower Production in Turkey. **Proceedings of 17<sup>th</sup> International Sunflower Conference, Cordoba, Spain.** June 8-12. **International Sunflower Association.** 2: 797-802.
- B.14 Kaya, Y., G. Evci, V. Pekcan, T. Gucer, I. M. Yilmaz. 2008.** Yield Relationships in Confectionery Sunflower (*Helianthus annuus* L.). [Annual conference of the University of Rousse, Bulgaria.](#) 31 October - 01 November. 7-11.
- B.15 Evci, G., Kaya, Y., V. Pekcan, T. Gucer, I. M. Yilmaz. 2009.** The mutation breeding for broomrape resistance in sunflower. **10<sup>th</sup> World Congress on Parasitic Plants. Kusadasi, Turkey,** 08-12 June. 143.
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- B.53** Cucereavii, A., Kaya, Y., Tabara, O. 2015. Molecular screening of local sunflower germplasm for downy mildew and rust resistance. **Proc. of Abstract Book of 10<sup>th</sup> International Plant Breeding and Genetics Congress.** 28-30 June, Kişinev, Moldova. 91.
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- B-86 Beşer, N., Kaya, Y. 2018.** The Performance of some Hybrid Rice Cultivars in Edirne Conditions. **International Agricultural, Biological & Life Science Conference,** September 2-5, Edirne, Turkey, 571-576.
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- B-92 Kaya, Y., S. Sahin, Beşer, N. 2018.** Determining of Yield Performances of some IMI Resistant Sunflower Hybrids in Trakya Region, Turkey. **Proc. International Conference on Agricultural,**

- Veterinary & Life Science**, October 26-28, **Antalya, Turkey**, 126-132. **B-93 Kaya, Y. 2018.** Considering the Main Selection Indices for Seed Yield in Plant Breeding and Future Directions. **International Scientific Conference Kliment's Days 2018**, November 8-9, **Sofia, Bulgaria**, 27.
- B-94 Kaya, Y. 2018.** Recent Developments in Sunflower Hybrid Breeding. **4<sup>th</sup> International Plant Breeding Conference (IPBC2018)**, November 13-15, **Putrajaya, Malaysia**, 42.
- B-95 Kaya, Y. 2019.** MAS Selection in Sunflower Hybrid Breeding. **International Symposium on Sunflower and Forage Crops Production Challenges and Opportunities**. March 25-27, **Sargodha, Pakistan**, 4.
- B-96 Kaya, Y. 2019.** New Aspects in Plant Breeding to Improve Seed Yield. **1<sup>st</sup> International Conference on Agricultural and Biological Sciences**. March 27-30, **Haripur, Pakistan**, 42.

**C. Published Books, Editors of Proceeding or Chapters in the books in International Area:**

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- C-3 Kaya, Y.,..... 2009. Agriculture at a Crossroads: Synthesis Report. A Synthesis of the Global and Sub-Global IAASTD Reports.** International Assessment of Agricultural Knowledge, Science and Technology for Development (IAASTD). Ed: Beverly D. McIntyre, Hans R. Herren, Judi Wakhungu, Robert T. Watson. **Island Press.** 106 pages.
- C-4 Kaya, Y. 2010. Editor of Proceeding Book of Abstracts of 8<sup>th</sup> European Sunflower Biotechnology Conference.** 1 -3 March 2010. Antalya, Turkey. 139 pages.
- C-5 Kaya Y., S. Jovic, D. Miladinovic. 2012. Sunflower.** S.K. Gupta. (Ed) [Technological Innovations in Major World Oil Crops, Vol. 1.](#) Springer Press. 85-129.
- C-6 Kaya, Y. 2011. Editor of Proceeding Book of Abstracts of International Sunflower Genetic Resources Symposium.** 16 - 20 October 2011. Kuşadası, Turkey. 66 pages.
- C-7 Kaya Y., 2014. Sunflower.** A. Pratap. (Ed) **Alien Gene Transfer in Crop Plants, Vol. 2.** Springer Press. 281-315.
- C-8 Kaya, Y, N. Beşer. 2014. Editors of Proceeding Book of Abstracts of Balkan Agriculture Congress.** 08-11 September 2014. Edirne, Turkey. 941 pages.
- C-9 Kaya, Y, M. Tor, H. Budak. 2015. Editors of Proceeding Book of Abstracts of Latest Technologies for Crop Improvement Workshop. 22-27 February, Antalya, Turkey.** 91 pages.
- C-10 Jovic, S., D. Miladinovic, Kaya Y. 2015. Breeding and Genetics of Sunflower.** N. Dunford, E. M. Force (Ed) **Sunflower: Chemistry, Production, Processing, and Utilization.** 710 pages. AOCS (American Oil Chemistry Society). 1-26.
- C-11 Kaya, Y., I. Balalic, V. Miklic. 2015. Eastern Europe Perspectives on Sunflower Production and Processing.** N. Dunford, E. M. Force (Ed) **Sunflower: Chemistry, Production, Processing, and Utilization.** 710 pages. AOCS (American Oil Chemistry Society). 575-638.
- C-12 Uzun, B., V. Eser, Y. Kaya, A. Bagci. 2015. Editors of Proceeding Book of Abstract of II. International Plant Breeding Congress and EUCARPIA - Oil and Protein Crops Section Conference. 1-5 November, Antalya, Turkey.** 324 pages.
- C-13 Kaya, Y. 2016. Sunflower.** Surinder Gupta (Ed.). **Breeding Oilseed Crops for Sustainable Production**, 1<sup>st</sup> Edition. 570 pages. Elsevier Press. 55-88.

- C-14 Kaya, Y., S. Hasan9ebi. 2016. Editors of Proceeding Book of Abstracts of 19<sup>th</sup> International Sunflower Conference, 29 May-3<sup>rd</sup> June, 2016, Edirne, Turkey. 1227 pages.
- C-15 Kaya, Y. 2017. Editors of Proceeding of Abstract Book of 3<sup>rd</sup> International Plant Breeding Congress. 15-19 October, Kyrena, Nothern Cyprus, 96 pages.
- C-16 Kaya, Y., T. Popova. 2018. Editors of Proceeding Book of Abstracts of International AGBIOL Conference, 1-3 September, 2018, Edirne, Turkey. 888 pages.
- C-17 Kaya, Y., T. Popova. 2018. Editors of Proceeding Book of International SAGBIOL Conference, 1-3 September, 2018, Edirne, Turkey. 666 pages.
- C-18 Kaya, Y., 2018. Editors of Proceeding Book of Abstracts of International Sunflower Oil Conference, 4 September, 2018, Edirne, Turkey. 66 pages.

#### **D. Papers Published in Turkish Journals:**

- D. 1 Kaya, Y., I. K. Atakisi. 2002. Stability Analysis in different yield characters of sunflower (*Helianthus annuus* L.). **Anadolu Journal**. 12 (2). 1-20.
- D. 2 Kaya, Y., I. K. Atakisi. 2003. Path and correlation analysis in different yield characters in sunflower (*Helianthus annuus* L.). **Anadolu Journal**. 13. 31-45.
- D. 3 Kaya, Y., I. K. Atakisi, E. Esendal, O. Kolsarici. 2003. Determining hybrid vigor and heterosis in different yield components in sunflower (*H. annuus* L.). **Anadolu Journal**. 13(2) 32-47. (from Ph D thesis)
- D. 4 Kaya, Y., D. Baltensperger, L. Nelson, J. F. Miller. 2004. Determining Physiological Maturity in Sunflower. **Trakya Univ J Sci**. 5(1):1-10. (from M Sc thesis)
- D. 5 Kaya, Y. 2004. The Last Progress in Sunflower Biotechnology and the Possible Uses in Sunflower Breeding. **Trakya University Journal of Science**. 5(2): 141-147.
- D. 6 Kaya, Y. 2005. Determining Combining Ability in Sunflower (*Helianthus annuus* L.). **Turkish J. of Agric. and Forestry. TUBiTAK**. 29 (4): 243-250. (from Ph D thesis)
- D. 7 Kaya, Y., G. Evci, S. Durak, V. Pekcan, T. Gucer. 2006. The Determining the Relationships between Seed Yield and Other Yield Components in Sunflower (*H. annuus* L.) in Different Environmental Conditons. **Trakya Univ J Sci**, 7(1): 37-44.
- D. 8 Evci G., Y. Kaya, V. Pekcan S. Durak, T. Kahraman. 2006. The Determination of The Effect of Cover Crop Before Sunflower Production on Seed Yield, the Application of Nitrogen Rate and Water Content in the Soil in Trakya Region. **Trakya Univ J Sci**, 7(1): 71-75.
- D. 9 Kaya, Y, G. Evci, S. Durak, V. Pekcan, T. Gucer, M. I. Yilmaz. 2007. The Determination of (*Helianthus annuus* L) Contribution Rates of Yield Traits on Constituting of Seed Yield in Sunflower. **Anadolu**. 12(2): 1-20.
- D. 10 Yerdelen, A. A. Mermer, F. Dedeoglu, H. Yildiz, Y. Kaya, S Suzer, M. B. Ocal. 2008. Determination of Crop Cultivation Patterns Using Geographical Information Systems and Remote Sensing and Sunflower Yield Prediction in Edirne. **The Journal of the Central Field Crops Research Institute**. 17 (1-2): 12-18.
- D. 11 Evci, G., V. Pekcan, M. I. Yilmaz, Y. Kaya. 2011. The Determination Resistance of Some Sunflower Lines Against to Downy Mildew (*Plasmopara halstedii* (Farl.) Berl. & De Toni.) in Trakya Region. **Anadolu**, 21(1): 36-43.
- D. 12 Semerci, A., Y. Kaya, I. Sahin, N. Citak. 2012. The Effect of Subsidizing Policy in Oil Crops Production over Sunflower Planted Areas and Producer Welfare in Turkey. **Sel?uk Agriculture and Food Journal**. 26 (2): 55-62.
- D. 13 Kurşun, I., M. A. Gurbuz, E. Gunay, Y. Kaya, G. Evci, S. Suzer, V. Pekcan 2016. Effect of boron fertilizing on sunflower yield in Thrace region. **Journal of Boron**, 1(2): 74- 85
- D-14 Kaya, Y. 2016. The Current Situation and Future Direction of Oil Type Sunflower Production in Turkey. **Central Field Crops Research Institute Journal**. 25 (Private Issue-2): 322-327

#### **E. Papers Published in National Conference Proceedings in Turkey:**

- E1. Kaya, Y., H. Mutlu. 2001. The Use of Three-Way Hybrids in Sunflower Production in Turkey. Proc. 4<sup>th</sup> Turkish Field Crops Congress, Tekirdag. September 17-21. 1-6.
- E. 2 Kaya, Y., H. Mutlu, G. Evci. 2001. Confectionery Sunflower Production and determining

- some characters of village populations planted in Turkey. The Proceeding of **4<sup>th</sup> Turkish Field Crops Congress, Tekirdag**. September 17-21. 91-94.
- E. **3 Kaya, Y. 2001**. Determining maturity period of sunflower based on growing degree days in Edirne conditions. The Proceeding of **4<sup>th</sup> Turkish Field Crops Congress, Tekirdag**. September 17-21. 367-372.
- E. **4 Kaya, Y. 2002**. The Problems of Confectionery Sunflower Seed Production of Turkey and World. Proceeding of **1<sup>st</sup> Turkish Seed Congress-IZMIR**. September 11-13. 75-86.
- E. **5 Kaya, Y. 2002**. The Problems of Hybrid Sunflower Seed Production in Turkey. The Proceeding of **1<sup>st</sup> Turkish Seed Congress-IZMIR** September 11-13. 259-266.
- E. **6 Kaya, Y., G. Evci, V. Pekcan, T. Gucer. 2003**. The breeding and determination resistant lines and hybrids to broomrape (*Orobanche spp.*) in sunflower. The Proceeding of **5<sup>th</sup> Turkish Field Crops Congress, Diyarbakir**. October 13-17. 175-179.
- E. **7 Kaya, Y., G. Evci, M. Demirci, V. Pekcan, T. Gucer. 2003**. The Breeding and Development of Hybrids and Lines Resistant to Imidazolinone Herbicide. The Proceeding of **5<sup>th</sup> Turkish Field Crops Congress, Diyarbakir**. October 13-17. 163-168.
- E. **8 Kaya, Y., G. Evci, V. Pekcan, T. Gucer. 2003**. The Determination of the Contribution on Important Yield Components to Seed and Oil Yield in Sunflower. The Proceeding of **5<sup>th</sup> Turkish Field Crops Congress, Diyarbakir**. October 13-17. 120-125.
- E. **9 Kaya, Y., G. Evci, V. Pekcan, T. Gucer. 2003**. The Determination of Adaptation Capability of some Commercial Sunflower Hybrids in Different Years and climatic conditions in Edirne. Proc. of **5<sup>th</sup> Turkish Field Crops Congress, Diyarbakir**. October 13-17. 250-255.
- E. **10 Kaya, Y., G. Evci, S. Durak, V. Pekcan, T. Gucer. 2005**. The effect of seed filling period to seed yield and other yield traits in sunflower. The Proceeding of **6<sup>th</sup> Turkish Field Crops Congress, Antalya**. September 5-9. 1-6.
- E. **11 Kaya, Y., G. Evci, S. Durak, V. Pekcan, T. Gucer. 2005**. The determination of village populations performances in confectionery sunflower. The Proceeding of **6<sup>th</sup> Turkish Field Crops Congress, Antalya**. September 5-9. 631-636.
- E. **12 Kaya, Y., G. Evci, S. Durak, V. Pekcan, T. Gucer, A. Ustun. 2005**. Yield Relationships in oil type sunflower. Proc. **6<sup>th</sup> Turkish Field Crops Congress, Antalya**. September 5-9. 619-623.
- E. **13 Turhan, H., Y. Kaya, I. Ozturk. 2005**. The comparison of their seed yield, oil content and other yield components of sunflower hybrids. Proceeding of **6<sup>th</sup> Turkish Field Crops Congress, Antalya**. September 5-9. 21-24.
- E. **14 Kaya, Y., G. Evci, S. Durak, V. Pekcan, T. Gucer, I. M. Yilmaz. 2007**. The Development of High Oleic Sunflower Inbred Lines and Hybrids. Proceeding of **7<sup>th</sup> Turkish Field Crops Congress, Erzurum**. June 25-29. 433-436.
- E.15 **Kaya, Y., G. Evci, S. Durak, V. Pekcan, T. Gucer, I.M. Yilmaz. 2007**. The Breeding of Sulfonyl Urea (SU) Herbicide Resistant Sunflower Inbred Lines. Proceeding of **7<sup>th</sup> Turkish Field Crops Congress, Erzurum**. June 25-29. 366-369.
- E.16 **Kaya, Y., G. Evci, S. Durak, V. Pekcan, T. Gucer, I. M. Yilmaz. 2007**. Classifying Sunflower Hybrids and Lines Utilizing from Cluster Analysis. Proceeding of **7<sup>th</sup> Turkish Field Crops Congress, Erzurum**. June 25-29. 579-582.
- E.17 **Kaya, Y., V. Kaya, M. Kaya, A. Semerci, G. Evci. 2007**. The Future Policies and the Current Situation of World Sunflower Trade. **1<sup>st</sup> National Oil Crops and Biodiesel Symposium**. Samsun. May 28-31, 123-127.
- E.18 **Kaya, Y., V. Kaya, M. Kaya, A. Semerci. 2007**. Turkish Oil Crops Production and Future Trends. Proc. **1<sup>st</sup> National Oil Crops and Biodiesel Symp**. May 28-31, Samsun. 158-163.
- E.19 **Kaya, Y., V. Kaya, M. Kaya, A. Semerci. 2007**. The Current Situation and Future Projections of Oilseeds Trade in the World. **1<sup>st</sup> National Oil Crops and Biodiesel Symposium**. May 28-31, Samsun. 128-133.
- E.20 **Kaya, Y., G. Evci, V. Kaya, M. Kaya. 2007**. Oleic Type Sunflower Production and Future Directions. **1<sup>st</sup> National Oil Crops and Biodiesel Symp**. May 28-31, Samsun. 133-140.
- E.21 **Semerci, A., Y. Kaya. 2007**. Socio-Economic Structure Of Sunflower Farms In Trakya Region. **1<sup>st</sup> National Oil Crops and Biodiesel Symposium**. May 28-31, Samsun. 141-148.
- E.22 **Semerci A., Y. Kaya. 2007**. Production Cost, Parity And Long Term Trends In Sunflower. **1<sup>st</sup> National Oil Crops and Biodiesel Symposium**. May 28-31, Samsun. 284-293.



- E.23 Kaya, Y., G. Evci, V. Pekcan, T. Gucer, I. M. Yilmaz. 2009.** The Determination of *Orobanche* Resistance in Sunflower Hybrids. **3<sup>rd</sup> National Congress of Plant Protection. Van.** July 15-18. 290.
- E.24 Kaya, Y., G. Evci, V. Pekcan, T. Gucer, I. M. Yilmaz. 2009.** The Determination of *Imadozilanone* Herbicide Resistance in Sunflower. **3<sup>rd</sup> National Congress of Plant Protection. Van.** July 15-18. 294.
- E.25 Kaya, Y., G. Evci, V. Pekcan, T. Gucer I. M. Yilmaz. 2009.** The Comparison of Yield and Yield Componenets of Some Confectionery Type Sunflower Hybrids. Proceeding of **8<sup>th</sup> Turkish Field Crops Congress, Hatay** 19-22 Ekim. 1: 154-158.
- E.26 Kaya, Y., G. Evci, V. Pekcan, T. Gucer, I. M. Yilmaz, i. Şahin, S. Gencer, N. Oitak. 2009.** The Determination of Oleic Acid Contents in Different Conditions in Sunflower. Proceeding of **8<sup>th</sup> Turkish Field Crops Congress, Hatay** 19-22 Ekim. 1: 159-163.
- E-27 Ozturk, i., Kahraman, T., Avci, R., Kaya, Y. 2011.** Investigation of Grain Yield Quality and Some Agricultural Traits of Bread Wheat (*Triticum aestivum* L) Varieties. Proc. **9<sup>th</sup> Turkish Field Crops Congress.** 12-15 September, Bursa. Turkey. 251-254.
- E-28 Ozturk, i., Kahraman, T., Avci, R., Kaya, Y. 2011.** Investigation of Yield and Some Agricultural Traits of Some Barley (*Hordeum vulgare* L) Varieties. Proc. **9<sup>th</sup> Turkish Field Crops Congress.** 12-15 September, Bursa. Turkey. 181-184.
- E-29 Baydar, H., Erbaş, S. Kaya, Y. 2011.** A research on the use of rose water as feromene in sunflower. Proc. **9<sup>th</sup> Turkish Field Crops Congress.** 12-15 September, Bursa. Turkey. 964-967.
- E-30 Evci, G., V. Pekcan, i. M. Yilmaz, Y. Kaya, i. Şahin, N. Citak, N. Tuna, O. Ay, A. Pilasli. 2011.** The determination of relationship between oil quality and yield traits in sunflower (*H. annuus* L.). Proc. **9<sup>th</sup> Turkish Field Crops Congress.** 12-15 September, Bursa. Turkey. 815-820.
- E.31 Oil, A., Oil, A. N., Kaya, Y., Killi, F. 2011.** The determination of agronomic performances of some sunflower (*Helianthus annuus* L.) hybrids growed as second crop in Oukurova conditions. **IV. Turkish Seed Congress.** 14-17 June, Samsun, Turkey. 438-443
- E.32 Oil, A., Oil, A. N., Kaya, Y., Killi, F. 2011.** The adaptation of some some oil type sunflower (*Helianthus annuus* L.) cultivar and lines in Cukurova condtions. **VI. GAP Agricultural Congress,** 09-12 May, Şanlıurfa, Turkey. 588-594.
- E-33 Evci, G., V. Pekcan, i. M. Yilmaz, Y. Kaya. 2013.** The determination of yield performances and broomrape resistances to new races of sunflower hybrids and inbred lines. Proc. **10<sup>th</sup> Turkish Field Crops Congress. 10-13 September, Konya, Turkey.** II: 36-43.
- E-34 Kaya, Y. 2014.** Oil Crops: Threats-Opportunities. **ZMO “Strategic Areas on Agriculture: Threats-Opportunities” Symposium. 15 January. Ankara, Turkey.**44-58.
- E-35 Kaya, Y. 2015.** The Current Situation, Problems and Solutions of Oilseed Production in Turkey. **II. Vegetable Oil Congress. 07-09 May, Tekirdag, Turkey.** 27.
- E-36 Y. Kaya. 2015.** The current stuation and future direction of oil type sunflower production in Turkey. Proc. **11<sup>th</sup> Turkish Field Crops Congress. 06-10 September, Canakkale. Turkey.**
- E-37 Colak, C., Hasan9ebi, S., Kaya, Y. 2017.** The Determination of High Oleic in Sunflower Utilizing from Molecular Markers. **2nd Trakya University Union Graduate Student Congress. 15-16 May. 2017, Edirne.** 32.
- E-38 Akpınar, E., Hasan9ebi, S., Kaya, Y. 2017.** The determination of Resistant Sunflower Using Molecular Markers. **2nd Trakya University Union Graduate Student Congress. 15-16 May 2017, Edirne.** 35.
- E-39 Kaya, Y., Hasan9ebi, S., N. Beşer. 2017.** The Determination of Resistant Sunflower Genotypes Using Molecular and Classical Methods. Proc. **12<sup>th</sup> Turkish Field Crops Congress. 11-15 September, Kahramanmaraş, Turkey.** 459.

## **F. Other Publications:**

- F. 1 Kaya, Y. 1998.** Genotype and environment interactions with physiological maturity on sunflower (*Helianthus annuus* L.) in Western Nebraska conditions. Msc Thesis. UNL Agronomy Department. Lincoln, NE. USA. 101 pages.
- F. 2 Kaya, Y. 1999.** Oil Crops Production and the Situation in the World and Turkey. Turkey Oil Crops Consultation Board 1<sup>st</sup> Meeting. Jun 22. 17-34.

- F. 3 Kaya, Y., and others. 2000.** Plant Production Special Comisson, Industrial Crops Report. Turkey 8<sup>th</sup> Five-Year Developing Plan 2001 - 2005. The State Planning Organization. ANKARA. OIK: 656. Publication Number: 2648. 447 pages.
- F. 4 Kaya, Y., A. S. Tan. 2000.** Sunflower Production Report and Future Policies of Turkey. Turkish Agriculture Ministry. Kizilay, ANKARA. 23 pages.
- F. 5 Kaya, Y. 2001.** The determination of combining ability and heritability of inbred lines in different yield components in sunflower. PhD Thesis. Trakya University Graduate School, Field Crops Dept. Edirne. 232 pages.
- F. 6 Kaya, Y. 2002.** Agricultural Web Resources on the Internet. HASAD Magazine. 18: 34-35.
- F. 7 Kaya, Y. 2002.** The composition of sunflower husk and different uses in the industry. CINE TARIM Magazine. 5: 43. 34-35.
- F. 8 Kaya, Y. 2003.** Sunflower Production Techniques. Istanbul Agriculture Journal. 84: 24-25.
- F. 9 Kaya, Y. 2003.** Orobanche Parasite and Control Methods in Sunflower. Istanbul Agriculture Magazine. 84: 26-28.
- F. 10 Kaya, Y. 2003.** The problems and solution suggestions of oil sunflower production in Turkey. CINE TARIM Magazine. 5: 43. 34-35.
- F. 11 Kaya, Y. 2003.** The use of Cytoplasmic Male Sterility (CMS) in Sunflower. Ekin Magazine. 49-51.
- F. 12 Kaya, Y., and others. 2007.** Plant Production Special Comisson Report. Turkey 9<sup>th</sup> Five-Year Developing Plan 2007 - 2013. The State Planning Organization. ANKARA. OIK: 666. Publication Number: 2713. 101 pages.
- F.13 Kaya, Y. 2008.** Fertilization in Sunflower. **Gubretas Verim.** 4 (12):12.
- F.14 Kaya, Y. 2013.** Sunflower: The most important oil crop in Turkey. **TURKTOB Journal.** 2 (7): 20-23.
- F. 15 Kaya, Y., and others. 2014.** Plant Production Special Comisson Report. Turkey 9<sup>th</sup> Five-Year Developing Plan 2007 - 2013. The State Planning Organization. ANKARA. OIK: 726. Publication Number: 2877. 132 pages.
- F.16 Kaya, Y. 2014.** A Strategic Crop in Turkey: Sunflower. **Agrotime International Journal of Crop Production and Animal Breeding.** 2 (8): 34-40.
- F.17 Kaya, Y. 2014.** Hybrid Sunflower Production in Turkey. **Agromedya Journal.** 2 (9): 2632.
- F.18 Kaya, Y. 2015.** Plant breeding and its importance. **Agromedya Journal.** 3 (17): 36-38.
- F.19 Kaya, Y. 2015.** Plant Breeding and Cultivar Development. "The trues on Seed and Seed Business". TURKTOB ve EGD Meeting Book. 151 pages. 68-117.
- F.20 Kaya, Y. 2017.** Sunflower production in Turkey and its contribution to country economy. **Agrotime.** 28: 16-20.
- F.21 Kaya, Y. 2018.** Ay^egi Tariminin Trakya Bolgesinde Onemi ve Ekonomiye Katkisi. **Tarim Gundem Dergisi.** 45(4): 48-49.
- F.22 Kaya, Y. 2018.** Ay^egi Tarimi. **Edirne Tarim ve Hayvancilik Dergisi.** 10-11.
- F.23 Kaya, Y. 2018.** Edirne de Ay^egi ve Onemi. **Edirne Tarim ve Hayvancilik Dergisi.** 12.

**CONTRIBUTED SCIENTIFIC JOURNAL AS EDITOR AND REFERREE:**

<b>Journal Name</b>	<b>Country</b>	<b>Duty</b>
International Journal of Innovative Approaches in Agricultural Research	Canakkale, Turkey	Editor in Chief
World Journal of Agriculture and Soil Science (WJASS)	USA	Editor
The Journal of Multi-Lingual Network of the Professional Society in Organic Agriculture	Rousse, Bulgaria	Editorial Board
Field and Vegetable Crops Research	Novisad, Serbia	Editorial Board
Helia, FAO Sunflower Journal	Germany	Editorial Board
Turkish Journal of Agricultural and Natural Sciences	Canakkale, Turkey	Editorial Board
Turkish Journal of Field Crops	Izmir, Turkey	Editorial Board
EKIN Journal	Ankara, Turkey	Editorial Board
Iraqi Journal of Biotechnology	Baghdad, Iraq	Editorial Board
Advances in Plants & Agriculture Research	Oklohama, USA	Editorial Board
Scientific Works	Karnobat, Bulgaria	Editorial Board
Bulgarian Journal of Agricultural Science	Sofia, Bulgaria	Editorial Board
Journal of Environmental and Agricultural Sciences	Pakistan	Editorial Board
Genetika	Serbia	Editorial Board
Plant Breeding and Seed Production	Serbia	Editorial Board
Agricultural Research and Technology Journal	India	Editorial Board
Tütün / Tobacco (Journal of our Scientific tobacco Institute-Prilep)	Macedonia	Editorial Board
Acta Scientific Agriculture	India	Editorial Board
Forteopen Agriculture Journal	California, USA	Editorial Board
Theoretical and Applied Genetics	Germany	Referee
Plant Breeding	Germany	Referee
Turkish Journal of Agricultural and Forestry	Turkey	Referee
Turkish Journal of Biology (TUBITAK)	Turkey	Referee
<a href="#">American Journal of Experimental Agriculture</a>	USA	Referee
Archives of Agronomy and Soil Science	Germany	Referee

SABRAO Journal of Breeding and Genetics	Australia	Referee
Molecular Breeding	Germany	Referee
International Journal of Plant Production	Iran	Referee
Central European Journal of Biology	Poland	Referee
Journal of Plant Breeding and Genetics	Pakistan	Referee
Field Crop Research	Germany	Referee
Pakistan Journal of Agricultural Research	Pakistan	Referee
The Scientific World Journal	India	Referee
Scientific Annals of “Alexandru Ioan Cuza” University of Iasi. Section 2. Vegetal Biology	Romania	Referee
International Journal of Plant and Soil Science	India	Referee
Botany	Canada	Referee
Anadolu Agricultural Science Journal	Turkey	Referee
Jordan Journal of Biological Sciences	Jordan	Referee
Saudi Journal of Biological Sciences	Saudi Arabia	Referee
Quality Assurance and Safety of Crops & Foods	Netherland	Referee
Macedonian Journal of Animal Science	Macedonia	Referee
British Journal of Applied Science & Technology	England	Referee
Plant Production Science	Japan	Referee
Advances in Research	England	Referee
African Journal of Agricultural Research	South Africa	Referee
Weed Science	USA	Referee
Open Life Sciences	Germany	Referee
PLOS One	Germany	Referee
Emirates Journal of Food and Agriculture	UAE	Referee
The Journal of Animal and Plant Sciences	Pakistan	Referee
Journal of Saudi Society of Agricultural Sciences	Saudi Arabia	Referee
Crop and Pasture Science	Australia	Referee
Net Journal of Agricultural Science	Nigeria	Referee
Photosynthetica	Czech Republic	Referee
Journal of Plant Diseases and Protection	Germany	Referee
Plant Protection Sciences	Czech Republic	Referee
Frontiers	Switzerland	Referee
BAOJ Biotechnology	Azerbaijan	Referee
Plant Signaling & Behavior	UK	Referee
Journal of Saudi Society of Agricultural Sciences	Saudi Arabia	Referee
Oilseeds and Fats, Crops and Lipids (OCL)	France	Referee
Euphytica	Germany	Referee

## 10. COURSES ATTENDED

### a) In the Abroad

Subject	Duration	Place	Time
The situation Analysis and Diagnostic Survey Applications in Farming Systems	35 Days	Florida University, Gainesville FL, USA	February- March 1993
M Sc (Plant Breeding and Genetics)	2 Years	Nebraska University Lincoln, NE, USA	August, 1996- August, 1998
Post Doctorate at Sunflower Biotechnology and Molecular Gene Mapping	6 Months	North Dakota State Un, USDA ARS Northern Crops Science Lab Fargo ND, USA	March- September, 2004

**b) In Turkey**

<b>Subject</b>	<b>Duration</b>	<b>Place</b>	<b>Time</b>
Modern Education Tools	5 Days	DAGMEM-Ankara	February, 1991
The Farm Situation Analysis	2 Days	Kayseri Extension Center	January, 1992
The situation Analysis Evaluation	2 Days	TUGEM - Ankara	January, 1992
Technology Transfer in Agriculture	3 Days	TARM - Ankara	February, 1992
Cereals-Legumes and Fallow Rotation Systems	2 Days	TARM - Ankara	March, 1992
Field Crops Pests and Diseases	5 Days	Plant Protection Research Institute - Ankara	March, 1992
Irrigation Mechanization	5 Days	Soke Agricultural High School	April, 1992
Cereal and Legumes Production	4 Days	TARM- Ankara	June, 1992
Diagnostic Survey	10 Days	Kirsehir Extension Center	July, 1992
Diagnostic Survey Evaluation	2 Days	Kirsehir Extension Center	July, 1992
Demonstration Techniques	2 Days	TARM - Ankara	August, 1992
The Situation Analysis and Diagnostic Survey Improvement	4 Days	TUGEM - Ankara	November,1992
Fertilization in Potato	2 Days	Nevsehir Extension Center	April, 1993
Weeds and Management	2 Days	Ankara Plant Protection Res In	April, 1993
UNIX Network Systems	5 Days	Ankara Extension Center	June,1993
Soil, Plant and Water Relations	4 Days	Ankara Rural Services Res. Inst.	June, 1993
Corn Production	3 Days	Corn Research Inst - Sakarya	September,1993
Agricultural Mechanization	3 Days	DAGMEM - Ankara	September,1993
English Course	6 Months	Turkish - British Culture Association - Ankara	December,1993 - May, 1994
TOEFL English Course	3 Months	Turkish-US Culture Association - Ankara	April - May 1995
Agricultural Insurance	2 Days	TSV - Tekirdag	October 1998
Computer Network Systems	5 Days	DATASEL - Ankara	November,1998
Ph D (Plant Breeding and Genetics)	3 Years	Trakya Un. Agriculture Faculty Field Crops Dept. Tekirdag	January, 1999 - December,2001
Business Administration	15 Days	TKB Gumuldur - Izmir	September 2000
TUBITAK Panelist Training	1 Day	Trakya University, Edirne	December 2015

**c) Courses existed as Instructor**

<b>Subject</b>	<b>Duration</b>	<b>Place</b>	<b>Time</b>
Plant Breeding Course	5 Days	BlackSea Agr. Res. Ins-Samsun	April, 2000
Plant Breeding	5 days	TAGEM -Ankara	January, 2004
Plant Breeding	5 days	GDTAE- Diyarbakir	February, 2004
Statistical Analysis	2 days	TTSTM - Gebze - KOCAELI	February, 2004
Statistical Analysis	2 days	TUBID - ANKARA	January, 2005
Statistical Analysis	2 days	TUBID - ANKARA	February, 2005
Plant Breeding	3 days	TUBID - Istanbul	March, 2005

Sunflower Breeding	3 days	TUBID - EDIRNE	June, 2005
Sunflower Breeding	2 days	TUBID -Bursa	November 2005
Plant Breeding	3 days	TUBID -Antalya	January, 2007
Plant Breeding	3 days	TUBID -Antalya	February, 2008
Statistical Analysis	3 days	TUBID -Antalya	February, 2009
Hybrid Breeding	4 days	TUBID -Antalya	February, 2010
Plant Breeding	4 days	TUBID -Antalya	January, 2011
Plant Breeding	15 days	BISAB -Antalya	March, 2011
Seed Maintaining Breeding	4 days	TUBID -Antalya	January, 2012
Plant Breeding	15 days	BISAB - Antalya	February, 2012
Sunflower Breeding	4 Months	Trakya Agric Res. Inst - Edirne	March-September, 2012
Plant Breeding	5 days	BISAB - Antalya	February, 2013
Plant Breeding	15 days	BISAB - Antalya	February, 2013
Sunflower Breeding	4 Months	Trakya Agric Res. Inst - Edirne	March-September, 2013
Seed Maintaining Breeding	4 days	TUBID -Antalya	January, 2014
Plant Breeding	15 days	BISAB - Antalya	February, 2014
Plant Breeding	3 days	TUBID -Antalya	February, 2015
Plant Breeding	15 days	BISAB - Antalya	February, 2015
Plant Breeding	4 Months	BISAM - Trakya University, Edirne	February, 2015
Plant Breeding	15 days	BISAB - Antalya	February, 2016
Resistance Breeding in the Plants	3 days	European Plant Breeding Academy- NoviSad, Serbia	June, 2016
Plant Breeding	15 days	BISAB - Antalya	February, 2017
Plant Breeding	3 days	TUBID -Antalya	January, 2017
Plant Breeding	15 days	BISAB - Antalya	February, 2019

## 11. CONFERENCE AND MEETINGS ATTENDED AND ORGANIZED

### a) Conference Organized or Contributed on Organization

**I:** International, **N:** National, **T:** Total Participants, **O:** Organizer of Conference, **C:** Organizing Committee of Conference, **S:** Scientific Committee of Conference.

The name of Conference	Place	Date	N	I	T	O	C	S
Balkan Scientific Conference on Breeding and Cultural Practices of the Crops	Karnobat, Bulgaria	1-3 June 2005		X	150			X
International Biosafety Symposium	Yalta, Ukraine	10-14 May 2006		X	75		X	
1 <sup>st</sup> National Oil Crops and Biodiesel Symposium	Samsun, Turkey	28-31 May 2007	X		200			X
7 <sup>th</sup> European Plant Genome Conference	Albena, Bulgaria	24-26 September, 2008		X	350		X	
International Symposium on Broomrape in Sunflower	Antalya, Turkey	30 November -3 December 2008		X	80	X		
2 <sup>nd</sup> International Research Conference	Lozenec, Bulgaristan	12-13 June 2009		X	100			X
8 <sup>th</sup> European Sunflower Biotechnology Conference	Antalya, Turkey	1 -3 March 2010		X	90	X		

2 <sup>nd</sup> International Symposium on Broomrape in Sunflower	Chisinau, Moldavia	25-27 August 2011	X	70			X
International Sunflower Genetic Resources Symposium	Kuşadası, Turkey	16 - 20 October 2011	X	80	X		
18 <sup>th</sup> International Sunflower Conference	Mar Del Plata, Argentina	26 - 29 February 2012	X	630		X	
Temperate Rice Research Consortium Meeting	Edirne, Turkey	17-19 Eylül, 2012	X	60		X	
4. International Conference “Research People and Actual Tasks on Multidisciplinary Sciences”	Lozenec, Bulgaristan	12-16 June 2013	X	100			X
International Plant Breeding Congress	Antalya, Turkey	10-14 November 2013	X	600	X		
3. International Symposium Broomrape ( <i>Orobanche</i> spp.) in Sunflower	Cordoba, Spain	3-6 June 2014	X	200		X	X
Balkan Agriculture Congress	Edirne, Turkey	08-11 September 2014	X	700	X		X
5th Agrosym International Symposium	Jahorina, Bosnia and Herzegovina	23-26 September 2014	X	300			X
Molecular Approach in Plant Breeding and Molecular Biotechnology Seminar	Ankara, Turkey	8-9 October, 2014		116			X
Recent Developments in Crop Improvement Workshop	Antalya, Turkey	22-27 February, 2015	X	242	X		
II. National Vegetable Oil Conference	Tekirdag, Turkey	07-09 May 2015		200			X
10 <sup>th</sup> International Plant Breeding and Genetics Congress	Kişinev, Moldova	28-30 June, 2015		300			X
11 <sup>th</sup> Turkish Field Crops Congress	Şanakkale, Turkey	06-10 September, 2015		700			X
6 <sup>th</sup> Agrosym International Symposium	Jahorina, Bosnia Herzegovina	14-17 October 2015	X	500			X
International Plant Breeding Congress	Antalya, Turkey	1-5 November 2015	X	400	X		X
VIIth International Bioengineering Congress (BEC2015)	Izmir, Turkey	19-21 November 2015	X	88			X
International Symposium of Applied Biology (CIBA 2015)	Oran, Algeria	29 November - 1 December 2015	X	250			X
International Conference on Nanotechnology, Biology & Medical Sciences (NBMS-15)	Istanbul, Turkey	30 November - 1 December 2015	X	55			X
Konuralp Rice Workshop	Duzce, Turkey	14-16 December 2015	X	150			X
International Conference on Genetics, Biological & Life Sciences (GBLS-16)	Dubai, BAE	10-11 January 2016	X	120			X
International Conference on “Chemical, Agricultural and Life Sciences” (CALs-16)	Bali, Indonesia	4-5 February 2016	X	50			X
19th International Sunflower Conference	Edirne, Turkey	29 May - 3 June 2016	X	610	X		
International Conference on Novel Approaches in Agriculture and Life Sciences (NAALS 2016)	Tbilisi-Georgia	September 3-4, 2016	X	100			X

7 <sup>th</sup> Agrosym International Symposium	Jahorina, Bosnia Herzigova	6-9 Ekim 2016	X	600			X
International Agriculture Congress	Belgrad, Sirbistan	14-19 November 2016	X	100			X
6th International Conference on Biological, Chemical & Environmental Sciences (BCES-2016)	Pattaya, Thailand	8-9 August, 2016	X	100			X
4th International Conference on Advances in Agricultural, Biological & Ecological Sciences (AABES-16)	London (UK)	December 1-2, 2016	X	50			X
5th International Conference on Food, Agricultural and Biological Sciences	Bangkok, Thailand	December 25-26, 2016	X	100			X
8 <sup>th</sup> Agrosym International Symposium	Jahorina, Bosnia Herzigova	5-8 Ekim 2017	X	500			X
International Plant Breeding Congress	Kyrena, Northern Cypruss	15-19 October 2017	X	200	X		X
International AGBIOL Conference	Edirne	1-3 September, 2018	X	500	X		X
International Sunflower Oil Conference	Edirne	4 September, 2018	X	100	X		X
International Congress on Oil and Protein Crops	Chisinau, Republic of Moldova	May 20-24, 2018	X	100			X
4th International Symposium on Broomrape in Sunflower	Bucharest, Romania	July 2-4, 2018	X	250			X
International Scientific Conference Kliment's Days 2018	Sofia, Bulgaria	8-9 November, 2018	X	100			X
4th International Plant Breeding Conference (IPBC2018)	Putrajaya, Malaysia	13-15 November, 2018	X	300			X
8th Agrosym International Symposium	Jahorina, Bosnia Herzigova	25-28 October 2018	X	500			X
1st International Conference on Food Security & Sustainable Development in Semi Arid Regions	Setif, Algeria	8-10 December 2018	X	200			X
International Symposium on Sunflower and Forage Crops Production Challenges and Opportunities	Sargodha, Pakistan	March 25-27 2019	X	122			X
1 <sup>st</sup> International Conference on Agricultural and Biological Sciences	Haripur, Pakistan	March 27-30 2019	X	220			X

#### b) In the Abroad

NAME	PLACE	DATE	ACTIVITY
FAO European Sunflower Network Dobrich Meeting	Dobrich, Bulgaria	July 27-30, 1999	Oral Presentation
FAO European Sunflower Network GRESO Meeting	Montpellier, France	October 7-9, 2002	Oral Presentation
6 <sup>th</sup> European Sunflower Biotechnology Conference	Seville, Spain	October 6-8, 2003	Oral Presentation
UN Global Biotechnology Forum	Vienna, Austria	December 9-12,	



European Consultative Meeting		2003	
16 <sup>th</sup> International Sunflower Conference	Fargo, ND, USA	August 29-31, 2004	Oral Presentation
National Agronomy Conference	Zlatibor, Serbia	January 24-25, 2004	Oral Presentation
Balkan Sci. Conf. on Breeding and Cultural Practices of the Crops	Karnobat, Bulgaria	June 1-3, 2005	Oral and Poster Presentation
FAO European Sunflower Network Meeting	Novisad, Serbia and Montenegro	July 17-21, 2005	Session Chair
CWANA Region Global Agriculture Book Meeting 1	Aleppo, Syria	29 November- 03 December 2005	
Black Sea Biotech Assoc. Meeting	Sofia, Bulgaria	5-7 December, 2005	Oral Presentation
National Agronomy Conference	Zlatibor, Serbia	January 29-30, 2006	Oral Presentation
Agricultural Bio Safety Symposium	Yalta, Ukraine	10-14 May 2006	
CWANA Region Global Agriculture Book Meeting 2	Amman, Jordan	3 -7 June 2006	
Black Sea Biotech Assoc. Meeting	Sofia, Bulgaria	5-7 September, 2006	
CWANA Region Global Agriculture Book Meeting 3	Cairo, Egypt	13-20 December 2006	
Black Sea Biotechnolgy Symposium	Moscow, Russia	14-18 March 2007	
1 <sup>st</sup> International Conference on Multidisciplinary Sciences	Lozenec, Bulgaria	6-8 June, 2007	Oral Presentation
International Research Conference, Plant Genetic Stocks	Plovdiv, Bulgaria	13-14 June, 2007	Oral Presentation
CWANA Region Global Agriculture Book Meeting 4	Cape Town, South Africa	19-26 May 2007	
CWANA Region Global Agriculture Book Meeting 5	Johannesburg, South Africa	6-12 April 2008	
17 <sup>th</sup> International Sunflower Conference	Cordoba, Spain	8-12 Haziran, 2008	Oral Presentation
International Plan Breeding Congress	Priekuli, Latvia	16-18 July, 2008	Oral Presentation
7 <sup>th</sup> European Plant Genome Meeting	Albena, Bulgaria	24-26 September, 2008	Oral Presentation
Rousse University Annual Conference	Rouse, Bulgaria	30 October - 1 November, 2008	Oral Presentation
International Applied Economy Conference	Kastoria, Greece	27-30 May, 2009	Oral Presentation
International Science Conference on Sustainable and Competitive Agriculture	Stara Zagora, Bulgaria	October 1-2, 2009	Oral Presentation
International Scientific Conference “Good practices for sustainable agricultural production”	Sofia, Bulgaria	12 - 14 November, 2009	Oral Presentation
4 <sup>th</sup> International Conference on Multidisciplinary Sciences	Lozenec, Bulgaria	08- 10 June 2011	Oral Presentation
International Symposium on Broomrape in Sunflower	Chisinau, Republic of Moldova	August 25-27, 2011	Oral Presentation
18 <sup>th</sup> International Sunflower Conference	Mar del Plata, Argentina	25-29 February, 2012	Oral Presentation

International Scientific Conference	Plovdiv, Bulgaria	5-6 June, 2012	Oral Presentation
3 <sup>rd</sup> International Agri Business Investment Forum	Dushanbe, Tajikistan	25-26 September 2012	Invited Speaker
International Oil Crops Conference	Tahran, Iran	08-10 December 2012	Invited Speaker
4 <sup>th</sup> International Conference on Multidisciplinary Sciences	Lozenec, Bulgaria	10-12 June 2013	Oral Presentation
1 <sup>st</sup> Middle Asia Modern Agricultural Techniques Congress	Bishkek-Kyrgyzishtan	01-03 October 2013	Oral Presentation
2 <sup>nd</sup> International Conference of Plant Biodiversity	Marakesh, Morocco	27-29 March, 2014	Oral Presentation
International Interdisciplinary Symposium “A resilient agriculture serving sustainability in a fluctuating environment”	Orestiada, Greece	2-3 June, 2014	Invited Speaker
3th International Symposium on Broomrape ( <i>Orobancha</i> spp.) in Sunflower	Cordoba, Spain	3-6 June 2014	Invited Speaker
5 <sup>th</sup> Agrosym International Symposium	Jahorina, Bosnia and Herzegovina	23-26 September 2014	Oral Presentation
International Scientific Conference “Breeding and Technologies of Field Crops”	Karnobat, Bulgaria	27-28 November 2014	Invited Speaker
International Conference on Chemical, Biological and Environmental Engineering	Singapore	15-16 May, 2015	Invited Speaker
7 <sup>th</sup> Meeting of the IOBC-WPRS	Sofia, Bulgaria	1-3 June, 2015	Invited Speaker
10 <sup>th</sup> International Plant Breeding and Genetics Congress	Kișinev, Moldova	28-30 June, 2015	Invited Speaker
5 <sup>th</sup> Agrosym International Symposium	Jahorina, Bosnia and Herzegovina	14-17 October 2015	Oral Presentation
International Symposium of Applied Biology (CIBA 2015)	Oran, Algeria	29 November - 1 December 2015	Invited Speaker
International Conference on “Chemical, Agricultural and Life Sciences” (CALs-16)	Bali, Indonesia	4-5 February 2016	Oral Presentation
57 <sup>th</sup> Production and Processing of Oilseeds Conference	Herceg Novi, Montenegro	19-24 June 2016	Oral Presentation
3 <sup>rd</sup> High Oleic Oils Congress	Toulouse, France	6-8 September 2016	Invited Speaker
International Agricultural Conference	Stara Zagora, Bulgaria	25-26 Mayis 2017	Invited Speaker
International Conference in Agricultural Science	Plovdiv, Bulgaria	29-30 Mayis 2017	Invited Speaker
International Conference on Advances in Engineering Sciences,	Phuket, Thailand	3-5 Temmuz 2017	Oral Presentation
International Plant Breeding Congress	Kyrena, Northern Cypruss	15-19 October 2017	Oral Presentation
4th Balkan Scientific Conference on Biology	Plovdiv, Bulgaria	1-3 November 2017	Invited Speaker
8 <sup>th</sup> International Scientific Conference ‘Rural Development	Kaunas, Lithuania	23-24 November 2017	Oral Presentation

2017: Bioeconomy Challenges			
53 <sup>rd</sup> Croatian and 13 <sup>rd</sup> International Symposium on Agriculture	Vodice, Croatia	19-23 February 2018	Oral Presentation
COSTFA1306 Meeting "Plant phenotyping for future climate challenges"	Leuven, Belgium	20- 21 March 2018	Poster Presentation
World Food and Agriculture Conference	Stockholm, Sweeden	25- 27 June, 2018	Invited Speaker
International Congress on Oil and Protein Crops	Chisinau, Republic of Moldova	May 20-24, 2018	Invited Speaker
International Symposium on Confection Sunflower Technology and Production	Wuyuan, Inner Mongolia, China	August 8-10, 2018	Poster Presentation
4th International Symposium on Broomrape in Sunflower	Bucharest, Romania	July 2-4, 2018	Invited Speaker
International Scientific Conference Kliment's Days 2018	Sofia, Bulgaria	November 8-9, 2018	Invited Speaker
4th International Plant Breeding Conference (IPBC2018)	Putrajaya, Malaysia	November 13-15, 2018	Invited Speaker
International Symposium on Sunflower and Forage Crops Production Challenges and Opportunities	Sargodha, Pakistan	March 25-27, 2019	Invited Speaker
1 <sup>st</sup> International Conference on Agricultural and Biological Sciences	Haripur, Pakistan	March 27-30, 2019	Invited Speaker

### c) In Turkey

NAME	PLACE	DATE	ACTIVITY
1 <sup>st</sup> Oil Crops Consultation Board Meeting	Ankara	June 22, 1999	Oral Presentation
4 <sup>th</sup> Turkish Field Crops Congress	Tekirdag	September 17-21, 2001	Oral Presentation
1 <sup>st</sup> Turkish Seed Congress-IZMIR	Izmir,	September 11-13, 2002	Oral Presentation
Agricultural Research Master Plan: Revising Goals and Priority Research Areas Meeting	Antalya,	May 8-12, 2000	
European Weed Research Society 7 <sup>th</sup> Mediterranean Symposium	Adana,	May 6-9, 2003	Oral Presentation
EU 6 <sup>th</sup> Framework Conference	Istanbul,	April 24-25, 2003	
International Oil Crop, Oils and Oil Processing Technologies Symposium	Istanbul,	May 22-23, 2003	
5 <sup>th</sup> Turkish Field Crops Congress	Diyarbakir -	October 13-17, 2003	Oral Presentation
Turkish National Biosafety Meeting	Ankara,	December 17, 2003	
6 <sup>th</sup> Turkish Field Crops Congress	Antalya,	5-9 September, 2005	Oral Presentation
2 <sup>nd</sup> Agricultural Master Plan Revisiting Meeting	Antalya,	November 14-17, 2005	
7 <sup>th</sup> Turkish Field Crops Congress	Erzurum,	25-30 June 2007	Oral Presentation
1 <sup>st</sup> National Oil Crops and Biodiesel Symposium	Samsun,	28-31 May 2007	Oral Presentation
International Broomrape in Sunflower Symposium	Antalya,	1-3 December 2008	Oral Presentation

10 <sup>th</sup> World Parasitic Plants Conference	Kuşadası, İzmir,	8-12 June, 2009	Oral Presentation
3 <sup>th</sup> National Plant Protection Congress	Van,	15-18 July, 2009	Oral Presentation
8 <sup>th</sup> Turkish Field Crops Congress	Hatay,	19-23 October, 2009	Oral Presentation
8 <sup>th</sup> European Sunflower Biotechnology Conference	Antalya,	01-03 March, 2010	Oral Presentation
9 <sup>th</sup> Turkish Field Crops Congress	Bursa,	12-15 September, 2011	Oral and Poster Presentation
International Symposium on Sunflower Genetic Resources.	Kusadası,	16 - 20 October, 2011	Oral Presentation
X <sup>th</sup> EUCARPIA Cucurbitaceae 2012 Meeting,	Antalya,	15 - 18 October, 2012	Oral Presentation
10 <sup>th</sup> Turkish Field Crops Congress	Konya,	10-13 September, 2013	Oral and Poster Presentation
1 <sup>st</sup> International Plant Breeding Congress	Antalya,	10-14 November 2013	Poster Presentation
Balkan Agriculture Congress	Edirne	08-11 September 2014	Oral Presentation
ZMO Symposium“Strategic Areas on Agriculture: Opportunities & Threats”	Ankara,	15 January 2014	Invited Speaker
Panel on“Oil Crops”	Konya	15 January 2014	Invited Speaker
International Oilseeds Conference	Istanbul	15 January 2014	Invited Speaker
International Conference on Biological Invasions	Antalya	03-08 November 2014	Oral Presentation
II. National Vegetable Oil Congress	Tekirdag	07-09 May 2015	Invited Speaker
11 <sup>th</sup> Turkish Field Crops Congress	İstanbul	06-10 September, 2015	Oral Presentation
Cool Cereals Seeds Workshop	İzmir	15-16 September, 2015	Oral Presentation
Warm Cereals Seeds Workshop	İstanbul	21-22 October, 2015	Oral Presentation
2 <sup>nd</sup> International Plant Breeding Congress	Antalya,	1-5 November 2016	Oral and Poster Presentation
19 <sup>th</sup> International Sunflower Conference	Edirne, Turkey	29 May - 3 <sup>rd</sup> June, 2016	Oral Presentation
12 <sup>th</sup> Turkish Field Crops Congress	Kahramanmaraş	11-15 September, 2017	Oral Presentation
International AGBIOL Conference	Edirne, Turkey	1-3 September, 2018	Oral Presentation
International ICVALS Conference	Antalya, Turkey	26-28 October 2018	Oral Presentation
International Sunflower Oil Conference	Edirne	4 September, 2018	Oral Presentation

## 12. TECHNICAL ABROAD TRIPS

- 4-7 September 2002. Yugoslavia. Participating in Novisad Institute Field Day
- 10-11 October 2002. France. Visiting Syngenta and Monsanto Seed Co. Research Fields and Biotechnology Labs.
- 17-18 April 2003. Yugoslavia. Collaboration on Confectionery Sunflower.
- 25-29 June 2003. Spain. Collaboration on Sunflower and Rice.
- 9-10 October 2003. Spain. Collaboration on Sunflower and Rice.
- 18 January 2004. Bulgaria. Technical Collaboration.
- 19-20 January 2004. Yugoslavia. Technical Collaboration.
- 21-22 January 2004. Hungary. Technical Collaboration.

□	23 January 2004.	Romania.	Technical Collaboration.
□	26-27 January 2005.	Bulgaria	Technical Collaboration.
□	20-24 June 2005.	Spain.	Collaboration on Sunflower.
□	20-24 August 2005	Iran.	Collaboration on Sunflower.
□	14 August 2006	Bulgaria	Collaboration on Sunflower.
□	23-27 July, 2007	Hungary	Collaboration on Sunflower.
□	11 September 2007	Bulgaria	Collaboration on Sunflower.
□	27-30 August, 2008	Hungary	Collaboration on Sunflower.
□	25-26 June, 2008	Romania	Collaboration on Sunflower.
□	22 February 2009	Bulgaria	Collaboration on Sunflower.
□	22 March 2009	Greece	Technical Collaboration.
□	30 June, 2009	Romania	Collaboration on Sunflower.
□	03-05 April, 2010	Bulgaria	AGRA - Agricultural Fair Plovdiv.
□	05-07 April, 2011	Bulgaria	AGRA - Agricultural Fair Plovdiv.
□	03-05 March, 2012	Bulgaria	AGRA - Agricultural Fair Plovdiv.
□	01-02 March, 2013	Bulgaria	AGRA - Agricultural Fair Plovdiv.
□	10-15 August, 2013	Bulgaria	Collaboration on Sunflower.
□	3-5 June, 2013	Hungary	Sunflower Herbicide Applications
□	4-6 September, 2013	Switzerland	Broomrape Resistance in Sunflower AGRA -
□	06-08 March, 2014	Bulgaria	Agricultural Fair Plovdiv.
□	01-02 May, 2014	Moldova	Technical and Educational Cooperation.
□	19-20 May, 2014	Bulgaria, Romania	Collaboration on Sunflower.
□	10-16 January 2015	Taiwan	World Vegetable Research Center, Tainan
□	06-07 March, 2015	Bulgaria	AGRA - Agricultural Fair Plovdiv.
□	23-24-April, 2015	Bulgaria, Romania	Collaboration on Sunflower.
□	30 April, 2015	Bulgaria	Collaboration on Sunflower.
□	08 August 2015	Bulgaria	Dobrich Agricultural Fair AGRA -
□	06-07 March, 2016	Bulgaria	Agricultural Fair Plovdiv.
□	12-15 August, 2016	China	Visit Confectionery Sunflower Production
□	05-08 March, 2017	Bulgaria	AGRA - Agricultural Fair Plovdiv.
□	20-25 June, 2017	Kazakhstan	Visit Sunflower and Canola Production areas
□	26-27 February, 2018	Bulgaria	AGRA - Agricultural Fair Plovdiv.
□	2-5 July, 2018	Kazakhstan	Visit Sunflower and Canola Production areas
□	2-5 August, 2018	China	Visit Confectionery Sunflower Production
□	25-26 February, 2019	Bulgaria	AGRA - Agricultural Fair Plovdiv.

### 13. RELEVANT SKILLS

I am fluent in English both written and verbal, French at medium level.

I have attended some conferences in Turkey and the world, where I have presented my work to the scientific community in the form of lectures.

I have managed 100 persons in Trakya Agricultural Research Institute served as deputy director for 13 years (2001-2013). I managed and sent soldiers as the president of soldier expedition department during the military service duty.

I am founder and former president of Turkish Plant Breeder Association and former president Turkish Heart Community in Edirne.

I am former president of International Sunflower Association I am the research coordinator of FAO Sunflower Network

I am serving as board member Turkish Seed Union I am the former president of Turkish Plant Breeders Sub Union I am the vice president of Turkish Plant Breeder Association I am serving also as the board member in several associations.

I am director of Trakya University Plant Breeding Research Center I am head of Genetic and BioEngineering Department at Trakya University

**Organization** I organized Turkish National Oil Crops Meeting in 2002, International Symposium on Broomrape in Sunflower in 2008, 8<sup>th</sup> European Sunflower Biotechnology Conference in 2010, International Symposium on Sunflower Genetic Resources in 2011, International Plant Breeding Congress in 2013, 2015 and 2017. Balkan Agricultural Congress in 2014, Plant Breeding Workshop in 2015, 19<sup>th</sup> International Sunflower Conference in 2016, many meetings, Plant Breeding and Statistical Analysis courses in Turkey and abroad.

**Other skills** I use Statistical and Genetics Programs: MINITAB, SAS, JUMP, MSTAT-C, MSTAT-4, TARIST, TARPOGEN.

#### **14. HOBBIES, INTERESTS, AND OTHER SKILLS**

- Skilled Turkish Folkloric and Classic Dancer,
- I like and play all kind of team sports such as football, basketball, volleyball, handball, and squash, swimming, tennis and table tennis.
- I also enjoy music, traveling, driving and sightseeing.

#### **11. MEMBERSHIP OF ASSOCIATIONS:**

1. Turkish Agricultural Engineer Association (**Edirne Province Representative**).
2. Turkish Agricultural Engineer Chamber.
3. Turkish Community Association-Edirne (**Ex-President**).
4. The Union of Turkish Agriculture Government Officials - Edirne (**Ex-President**)
5. Trakya Balkan Turkish Immigrant Solidarity Association-EDIRNE (**Board Member**).
6. Turkish Plant Breeder Association (**Founder President, Vice President**).
7. Turkish Plant Breeders Union (**Ex President**)
8. Turkish Seed Union
9. European Federation of Biotechnology (EFB)
10. Turkish Field Crops Society
11. European Association for Research on Plant Breeding (EUCARPIA)
12. Edirne Rumeli Culture and Folklore Association
13. Saray Farmer Association
14. Trakya Oil Crop Grower Association (TRAKYA BIRLIK)
15. Balkan Turkish Federation (**Board Member**)
16. Black Sea Biotechnology Association (BSBA) (**Board Member**)
17. International Sunflower Association (**Ex President**)
18. Edirne Culture and Solidarity Association
19. Kecipirtepe High School Solidarity Association (**Board Member**)
20. Turkish Government Officers Solidarity Association (**Board Member**)
21. The International Parasitic Plant Society
22. American Oil Chemistry Association (AOSC)
23. International Association of Chemical, Biological & Medical Sciences Researchers (CBMSR)