


PERSONEL INFORMATION		
Name/Surname	Betül KOLAY	
Title	Agricultural Engineer	
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Birth Place/Date	1978 - Şanlıurfa	

EDUCATION INFORMATION	
Doctorate	
University	Harran University
Academic Unit/ Graduation Year	Graduate School of Natural & Applied Sciences (Department of soil science and plant nutrition) / Continue
Master	
University	Harran University
Academic Unit/ Graduation Year	Graduate School of Natural & Applied Sciences (Department of soil science) / 2007
Bachelor	
University	Harran Universtiy
Academic Unit/ Graduation Year	Department of Soil /2001

FOREIGN LANGUAGE INFORMATION				
Foreign Language/ Degree	KPDS	ÜDS	TOEFL	YÖKDİL
		52		58

WORK PLACES (Date/Title/Institute)
1996-2003 (Technician, Engineer) Şanlıurfa Provincial Directorate of Food, Agriculture and Livestock
2003-..... (Engineer) GAP International Agriculture Research and Training Center

ARTICLES & SCIENTIFIC PAPER

Articles Published in Refereed National Journals

1- GÜRSOY S., **KOLAY B.**, 2012, Effect of Different Tillage Systems after Wheat Harvest on Soil Physical Properties and Seed Germination of Lentil, Selçuk Universty, Selçuk Journal of Agriculture and Food Sciences, 26(3):(2012) 50-56, ISSN: 1309-0550

2- GÜRSOY S., ÖZASLAN C.,URĞUN M., **KOLAY B.**, KOÇ M., 2014, The Relationship between Grain Yield and Some Weed Species Density in Lentil Production under Different Tillage Systems, Journal of Bahri Dagdas Crop Research (1-2):1-13, 2014

3- **KOLAY B.**, GÜRSOY S., AVŞAR Ö., BAYRAM N., ÖZTÜRKMEN A.R., AYDEMİR S., AKTAŞ H., 2016, Effect of Some Soil Properties of Different Doses Leonardite to Wheat, Soil Water Jurnal, 2016, 5 (2): (32-36)

4- **KOLAY B.**, GÜRSOY S., AVŞAR Ö., BAYRAM N., ÖZTÜRKMEN A.R., AYDEMİR S., AKTAŞ H., 2016, The Effect of Different Levels of Leonardite on Wheat Yield, Yield Components and Some Quality Properties, Journal of Dicle University, Institute of Science, DUFED 5(3) (2016) 93-98

Papers and Presentations in National Congress, Conferences, Symposiums and Meetings

1- **KOLAY B.**, ÖZTÜRKMEN, A.R., 2007. Effects On Some Soil Properties Of Different Soil Tillage Methods On Second Crop Soybean In Diyarbakır Conditions, 13 June 2007, 2nd Conservation Tillage and Direct Seeding Workshop. Page 55-67) Ege Ün. Agr. Fac., İzmir, TURKEY

2- **KOLAY B.**, ÖZTÜRKMEN, A.R., ALTIKAT A., 2007. Economical Analysis Of Different Soil Tillage Methods On Second Crop Soybean In Diyarbakır Conditions, 13 June 2007, 2nd Conservation Tillage and Direct Seeding Workshop (Page 68-74) Ege Ün. Agr. Fac., İzmir, TURKEY

3- **KOLAY B.**, ÖZTÜRKMEN A.R., 2009, The Effect of Soil Tillage Methods on Yield and Yield Components of Second Crop Soybean Farming in Diyarbakır Conditions. VIII. Field Crops Cogress, (Volume 1, Page:213-216), Hatay, TURKEY

4- **KOLAY B.**, GÜRSOY S., 2009, Organic Product Exportation at Turkey, 1st GAP Organic Agriculture Congress, Page:1024-1027, Şanlıurfa, TURKEY

5- GÜRSOY S., TÜRK Z., İKİNCİ.T.İ., **KOLAY B.**, 2009, Perspectives of Farmers on Organic Agriculture in Districts of Diyarbakır Province, 1st GAP Organic Agriculture Congress, Page:254-259, Şanlıurfa, TURKEY

6- GÜRSOY S., **KOLAY B.**, SESSİZ A., 2010, Evaluation the Factors that Hindering the Development of Agricultural Machinery Industry in Diyarbakır Province. 1 st. International Participatory Government-University Symposium and Marble Council. UDUSİS, Page:275-278, Diyarbakır, TURKEY

7- GÜRSOY S., **KOLAY B.**, 2011, Determination of Agricultural Mechanization Level of Diyarbakır Province, Souteastern Anatolia Project GAP VI. Agriculture Congress, Page:521-526, Şanlıurfa

8- **KOLAY B.**, AVŞAR Ö., TEKİN Ş., 2012, Usage Opportunities of Urban Sewage Sludge in Agricultural Areas, 4th National Solid Waste Management Congress, Antalya, TURKEY

9- GÜRSOY S., **KOLAY B.**, SESSİZ A., 2012, Effect of Green Manure Application under Different Tillage Systems on Seed Germination of Corn and Soil Physical Properties, 27th. National Agricultural Mechanization and Energy Congress, Samsun, TURKEY

10- KOLAY B., AVŞAR Ö., 2015, The Potential of Agricultural Waste in Diyarbakır Province, 29th National Agricultural Mechanization and Energy Congress, Page:524-527 Diyarbakır, TURKEY

11- KOLAY B., GÜRSOY S., AVŞAR Ö., KARADEMİR E., ATAKUL Ş., SAYAR M.S., DORAN İ., SESSİZ A., 2016, The Development of Forage Peas Before Cotton Planting in Cotton-Corn Rotation by Using Different Tillage Methods, 9th Conservation Tillage and Direct Seeding Workshop, Page:83-87, 11-12 May 2016, Şanlıurfa, TURKEY

Articles Published in Refereed International Journals

1- GÜRSOY S., SESSİZ A., KARADEMİR E., KARADEMİR Ç., KOLAY B., URGUN M., MALHI S.S., 2011, Effects of Ridge And Conventional Tillage Systems On Soil Properties And Cotton Growth, International Journal of Plant Production 5 (3), July 2011, ISSN: 1735-6814 (Print), 1735-8043 (Online)

2- GÜRSOY S., MUTLU Ç., URĞUN M., KOLAY B., KARACA V., DUMAN M., 2012, The Effect of Ridge Planting and Earliness of Durum Wheat Varieties on Sunn Pest (*Eurygaster spp.*) Damage and Grain Yield, Crop Protection, 38 (2012) 103-107

3- GÜRSOY S., ÖZASLAN C., URĞUN M., KOLAY B., KOÇ M., 2014, The Effect of Sowing Time, Tillage System and Herbicides on Weed Species Density, Weed Biomass and Yield of Lentil Within a Lentil-Wheat Sequence, Agriculture and Forestry, Vol. 60 Issue 3: 73-85

4- GÜRSOY S., KOLAY B., AVŞAR Ö., SESSİZ A., 2015, Evaluation of Wheat Stubble Management Practices in Terms of the Fuel Consumption and Field Capacity, Research in Agricultural Engineering, Vol. 61, 2015(3):116-121

Papers and Presentations in International Congress, Conferences, Symposium and Meetings

1- KOLAY B., GÜRSOY S., DEĞERLİ Ö., SÜMERLİ M., KILIÇ H., ÖZTÜRKMEN A.R., TEKİN Ş., TÜRK Z., 2010, Determination of the Change of Some Soil Properties in Different Soil Depth Due to the Increasing Dose Application of Sewage Sludge to Wheat, "International Sustainable Water and Wastewater Management Symposium", (Volume 2, Page:1310-1318) Konya, TURKEY

2- B. KOLAY, A. R. ÖZTÜRKMEN, Ş. TEKİN, S. GÜRSOY, M. SÜMERLİ, Z. TÜRK, Ö. DEĞERLİ, 2012, Determination of the Change of Some Soil Properties in Different Soil Depth Due to the Increasing Dose Application of Sewage Sludge to Lentil, 8th International Soil Science Congress, Volume 3, Page 565, İzmir, TURKEY

3- KOLAY B., AVŞAR Ö., 2014, Implementation of Twin Row and Narrow Row in Corn Breeding, International Mesopotamia Agriculture Congress, Sayfa 961, Diyarbakır, TURKEY

4- GÜRSOY S., KOLAY B., AVŞAR Ö., SESSİZ A., 2014, Economic Evaluation of Making the Straw from Wheat Stubble by Using the Stubble Chopper Mounted on Combine, 12th International Agricultural Mechanization and Energy Congress, Adana, TURKEY

Thesis

1-KOLAY B., Effects Of Different Soil Tillage Methods On Second Crop Soybean Yield And Some Soil Properties at Diyarbakır Conditions. (Şanlıurfa, TURKEY)

Project Final Reports

1- Investigation The Effect of Using Sewage Sludge on Yield, Yield Components and Soil Structure of Grain Plants and Oil Seed Plants. (2010)

- 2- The Effect Of Different Levels Of Leonardite On Wheat Yield And Some Yield Components And Soil Of Some Physical And Chemical Characteristics Of Soil Under Diyarbakır Conditions. (2014)
- 3- Determination of Effect of Green Manure under Different Tillage Systems on Cotton and Maize yield, Yield Component and Soil Properties. (2014)
- 4- Effects of Different Sowing Time, Soil Tillage Methods and Herbicides on Lentil Weed, Yield And Yield Components. (2014)
- 5- Researching The Residue Management Methods After Wheat Harvest. (2014)
- 6- The Effects of Narrow Row and Twin Row Cultivation Techniques on Yield, Yield Components and Some Soil Properties in Corn. (2018)
- 7- Determination the Effects of Different Nitrogen Applications on Sweet Corn Yield and Yield Parameters by Fertigation Method. (2018)

PROJECTS

Completed Projects

- 1- Investigation The Effect of Using Sewage Sludge on Yield, Yield Components and Soil Structure of Grain Plants and Oil Seed Plants. (Project Leader)
- 2- The Effect Of Different Levels Of Leonardite On Wheat Yield And Some Yield Components And Soil Of Some Physical And Chemical Characteristics Of Soil Under Diyarbakır Conditions. (Project Leader)
- 3- Determination of Effect of Green Manure under Different Tillage Systems on Cotton and Maize yield, Yield Component and Soil Properties. (Project Leader)
- 4- Effects of Different Sowing Time, Soil Tillage Methods and Herbicides on Lentil Weed, Yield And Yield Components. (Project Leader)
- 5- Researching The Residue Management Methods After Wheat Harvest. (Project Leader)
- 6- The Effects of Narrow Row and Twin Row Cultivation Techniques on Yield, Yield Components and Some Soil Properties in Corn. (Project Leader)
- 7- Determination the Effects of Different Nitrogen Applications on Sweet Corn Yield and Yield Parameters by Fertigation Method. (Project Executive)
- 8- Determination the Potential Toxic Element Scope and Plant Nutrient of Agricultural Soils in Diyarbakır, Batman, Şırnak Provinces, Creating Data Base and Mapping. (TAGEM, Project Executive)

Ongoing Projects

- 1- Cotton Breeding that Tolerant of High Temperature Stress. (TAGEM, Project Leader)
- 2- Improvement of High Yield and Fiber Quality, Tolerant to Biotic and Abiotic Stress Factors of Domestic Cotton Genotypes by Using Classic and Molecular Breeding Methods (Project Executer)
- 3- Determination the Sensitivity of *Verticillium dahliae* Kleb. Wilt the Advanced Lines that Obtained as a result of Cotton Breeding Projects. (TAGEM, Project Executive)
- 4- The Effects of Plant Population and Nitrogen Doses on Yield and Yield Components of Corn in Diyarbakır Conditions. (TAGEM, Project Executive)

5- Determination the technical performances of drip irrigation systems used in Diyarbakır province.
(TAGEM, Project Executive)