

CURRICULUM VITAE

Name and Surname. Ebubekir ALTUNTAS **Title:** Prof. Dr.
Date of Birth: 14.08.1967
University: Gaziosmanpasa University **Department:** Biosystems Engineering
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EDUCATION

Degree	Field	University	Year
Bachelor	Agricultural Machinery	Ankara	1989
Master	Agricultural Machinery	Gaziosmanpasa	1994
Doctorate	Agricultural Machinery	Selcuk	1998

ACADEMIC TITLE

Title	Department	University	Year/Period
Assistant Professor	Agricultural Machinery	Gaziosmanpasa	2000-2006
Associate Professor	Agricultural Machinery	Gaziosmanpasa	2006-2010
Associate Professor	Biosystems Engineering	Gaziosmanpasa	2010-2012
Professor	Biosystems Engineering	Gaziosmanpasa	2012-

Master Thesis

Graduate School of Natural and Applied Sciences. Gaziosmanpasa University, July, 1994. Emphasis in seed planter. Thesis Topic: A Research on the Seed Distribution Pattern of the Different Seed Planters.

Doctorate Thesis

Department of Agricultural Machinery. Selcuk University, May, 1998. Emphasis in potato planter. Dissertation Topic: Determination on the Planting Parameters of Important Structural Properties in the Some Potato Planters.

RESEARCH EXPERIENCE

I am a biosystems engineering scientist with a broad range of experience in machine systems in agriculture. My interested area:

Material science (metallic materials)

Agricultural material science (physico-mechanical properties of biological materials)

Alternative soil tillage and planting systems (no-till seeder)

PUBLICATIONS

ARTICLES PUBLISHED IN PEER REVIEWED INTERNATIONAL JOURNALS

I. Science Citation Index publications:

1	Altuntas, E., M.Yaldiz, 2016. Physical, mechanical and chemical properties of plums (cv. <i>Santa Rosa</i>) affected by aminoethoxyvinylglycine applications. <i>Afr J Tradit Complement Altern Med.</i> (2016) 13(1):128-133. http://dx.doi.org/10.4314/ajtcam.v13i1.18
2	Altuntas, E., G. Yilmaz, Y.B. Karan and E. Dulger, 2013. Assessment the physico-mechanical, chemical and colour characteristics of potatoes depending on tuber size and cultivar. <i>International Journal of Food Engineering</i> , Volume 9, Issue 4, pages 487-498 (Dec 2013). DOI: 10.1515/ijfe-2012-0212,
3	Altuntas, E., B.Ozturk, 2013. The Effect of Aminoethoxyvinylglycine (AVG) Treatments on Mechanical Properties of Plum (cv. President). <i>Journal of Food Process Engineering</i> , Journal of Food Process Engineering, Volume 36, Issue 5, pages 619–625, October 2013, doi: 10.1111.jfpe12025.
4	Ozturk, B., E. Altuntas, K. Yildiz, Y. Ozkan and O. Saracoglu, 2013. Effect of methyl jasmonate treatments on the bioactive compounds and physicochemical quality of 'Fuji' apples. <i>Ciencia e Investigación Agraria (Cien. Inv. Agr.)</i> 40(1):201-211.
5	Ozturk, B., Y. Ozkan, E. Altuntas, K. Yildiz, and O. Saracoglu, 2013. Effect of aminoethoxyvinylglycine on biochemical, physico-mechanical and colour properties of cv. 'Braeburn' apples. <i>Semina: Ciências Agrárias.</i> 34(3):1111-1120.
6	Ozturk, B., E. Altuntas, Y.Ozkan, K.Yildiz, 2012. Effect of AVG treatments on some physico-mechanical properties and color characteristics of apple (<i>Malus domestica</i> Borkh.). <i>Bulgarian Journal of Agricultural Science.</i> Volume 18, Number 6. pp. 871-879.
7	Islam, A., Altuntas, E., Cangı, R., Kaya, C., and Yildiz, A. 2012. Physicochemical and colour properties of organic and conventional kiwifruits as affected by storage periods. <i>International Journal of Food Engineering</i> , Volume 8, Issue 4, Pages –, ISSN (Online) 1556-3758, DOI: 10.1515/1556-3758.2770 , September 2012.
8	Ozkan, Y., Altuntas, E., B.Ozturk, K.Yildiz, and O. Saracoglu, 2012. The effect of NAA (1-naphthalene acetic acid) and AVG (aminoethoxyvinylglycine) on physical, chemical, colour and mechanical properties of Braeburn apple. <i>International Journal of Food Engineering</i> , Volume 8, Issue 3, Pages –, DOI: 10.1515/1556-3758.2524 , July 2012.
9	Altuntas, E., B.Ozturk, Y.Ozkan, K.Yildiz, 2012. Physico-mechanical Properties and Colour Characteristics of Apple as Affected by Methyl Jasmonate Treatments. <i>International Journal of Food Engineering</i> , 8 (1), DOI: 10.1515/1556-3758.2388 , May 2012.
10	Dilmac, M., and E. Altuntas, 2012. Selected some engineering properties of peanut and its kernel. <i>International Journal of Food Engineering</i> , International Journal of Food Engineering. Volume 8, Issue 2, DOI: 10.1515/1556-3758.2652 , June 2012.
11	Altuntas, E., and M. Erkol, 2011. The Effects of Moisture Content, Compression Speeds and Axes on Mechanical Properties of Walnut Cultivars. <i>Food and Bioprocess Technology</i> , 4 (7), 1288-1295.
12	Cangı, R., E. Altuntas, and C.Kaya, 2011. "Some chemical and physical properties at physiological maturity and ripening period of kiwifruit (cv. <i>Hayward</i>)". <i>African Journal of Biotechnology</i> , Vol. 10 (27), pp. 5304-5310.
13	Altuntas, E., R. Cangı, and C. Kaya, 2011. Physical and Chemical Properties of persimmon fruit. <i>International Agrophysics</i> , 25, 89-92.
14	Altuntas, E., and M.Erkol, 2010. Physical Properties of Shelled and Kernel Walnuts as Affected by the Moisture Content. <i>Czech Journal of Food Sciences</i> , 28 (6), 547-556.
15	Altuntas, E., R. Gerçekcioglu and C. Kaya, 2010. Selected Mechanical and Geometric Properties of Different Almond Cultivars. <i>International Journal of Food Properties</i> , 13 (2), 282-293.
16	Altuntas, E. and A. Şekeroğlu, 2010. Mechanical Behaviour and Physical Properties of Chicken Egg as Affected by the Different Egg Weights. <i>Journal of Food Process Engineering.</i> 33, 115-127.
17	Şekeroğlu, A. and E. Altuntas, 2009. Effects of Egg Weight On Egg Quality Characteristics. <i>Journal of the Science of Food and Agriculture</i> , 89: 379–383.
18	Altuntas, E. 2008. Some Physical Properties of Pumpkin (<i>Cucurbita Pepo</i> L.) and Watermelon (<i>Citrullus Lanatus</i> L.) Seeds. <i>Ankara University Faculty of Agriculture, Journal of Agricultural Sciences.</i> 14 (1), 62-69.

19	Altuntas, E. and A. Şekeroğlu, 2008. Effect of egg Shape Index On Mechanical Properties Of Chicken Eggs. <i>Journal of Food Engineering</i> , 85(4), 606-612.
20	Altuntaş, E. and H. Demirtola, 2007. Effect of Moisture Content on Physical Properties of Some Grain Legume Seeds. <i>New Zealand Journal of Crop and Horticultural Science</i> , 35 (4): 423-433.
21	Altuntaş, E. and M. Yıldız, 2007. Effect of Moisture Content on Some Physical and Mechanical Properties of Faba Bean (<i>Vicia faba</i> L.) Grains. <i>Journal of Food Engineering</i> , 78 (1): 174-183.
22	Kasap, A. and E. Altuntaş , 2006. Physical Properties of Monogerm Sugarbeet (<i>Beta vulgaris</i> var. altissima) seeds. <i>New Zealand Journal of Crop and Horticultural Science</i> . 34 (4): 311-318.
23	Altuntaş, E., E. Özgöz and Ö.F. Taşer, 2005. Silage Maize Emergence is Reduced by Wheel Traffic due to Increased Soil Bulk Density and Penetration Resistance. <i>Acta Scandinavica Section B. Soil and Plant Science</i> . 55(1), 30-35.
24	Altuntaş, E., E. Özgöz and Ö.F. Taşer, 2005. Some Physical Properties of Fenugreek (<i>Trigonella foenum-graceum</i> L.) Seeds. <i>Journal of Food Engineering</i> , 71, 37-43.

II. Other International Publications

1	Altuntas, E., M. Yildiz, E.N. Gul, 2015. The effect of ripening periods on physical, chemical and mechanical properties of service tree (<i>Sorbus Domestica</i> L.) fruits. <i>Agricultural Engineering International: The CIGR EJournal</i> . Manuscript, 17(2), 259-266, 2015.
2	Altuntaş, E., N.Karaoşman, 2015. The post-harvest engineering properties of Japan flowering crabapple (<i>Malus floribunda</i>) fruits. <i>Agricultural Engineering International: The CIGR EJournal</i> . Manuscript, 17(1), 264-272, 2015.
3	Altuntas, E. 2015. The geometric, volumetric and frictional properties of Juniper berries. <i>American Journal of Food Science and Nutrition Research</i> , 2015; 2(1): 1-4. □
4	Bulut, O.N., E.Altuntaş, 2015. The Effects of the Different Soil Tillage Systems on Soil Properties, Emergence and Wheat Yield in Sivas Province (Sivas Yöresinde Buğday Tarımında Farklı Toprak İşleme Yöntemlerinin Toprak Özellikleri, Tarla Filiz Çıkışı Ve Verim Üzerine Etkileri). <i>Journal of Agricultural Faculty of Gaziosmanpaşa University (JAFAG)</i> , (2015) 32 (3), 39-51.
5	Yıldırım C., E. Altuntaş , 2015. Evaluation the Work Accidents Depending on the Work Safety Happened by Using Tractor and Agricultural Machinery in Tokat Province (Tokat İlinde Traktör Ve Tarım Makinaları Kullanımından Kaynaklanan İş Kazalarının İş Güvenliği Açısından Değerlendirilmesi). <i>Journal of Agricultural Faculty of Gaziosmanpaşa University (JAFAG)</i> , (2015) 32 (1), 77-90.
6	Berberoglu, E., E.Altuntas , E.Dulger, 2014. Development of Adequate Mathematical Models to Predict the Mass of Potato Varieties From Their Some Physical Attributes. <i>Journal of Agricultural Faculty of Gaziosmanpaşa University (JAFAG)</i> , (2014) 31 (3), 1-9.
7	Onen, H., E.Altuntas , E.Ozgoz, M.Bayram, S. Ozcan, 2014. Moisture Effect on Physical Properties of Knotweed (<i>Polygonum cognatum</i> Meissn.) seeds. <i>Journal of Agricultural Faculty of Gaziosmanpaşa University (JAFAG)</i> , (2014) 31 (2), 15-22. http://dx.doi.org/10.13002/jafag670 .
8	Altuntas, E., C.Somuncu, B.Ozturk, 2013. Mechanical behaviour of plum fruits as affected by preharvest methyl jasmonate applications. <i>Agricultural Engineering International: The CIGR EJournal</i> . Manuscript, 15(2), 266-274, July, 2013).
9	Altuntas, E., E.N.Gul, M.Bayram, 2013. The physical, chemical and mechanical properties of medlar (<i>Mespilus germanica</i> L.) during physiological maturity and ripening period. <i>Journal of Agricultural Faculty of Gaziosmanpaşa University (JAFAG)</i> , (2013) 30 (1), 33-40 http://dx.doi.org/10.13002/jafag183 .
10	Gulec, U. Altuntas, E. 2013. Determination of the material properties of the different cultivator shares. <i>Journal of Agricultural Faculty of Gaziosmanpaşa University (JAFAG)</i> , (2013) 30 (1), 13-24. http://dx.doi.org/10.13002/jafag181 .
11	Altuntaş, E. and M.Asiltürk, 2011. Plant Emergence, Potato Yield And Yield Components As Affected By Timing Of Tillage Systems. <i>Journal of Agricultural Machinery Science</i> , 7 (4):421-428.

12	Altuntas, E. and S. Dede, 2009. Emergence of Silage Maize as Affected by Conservational Tillage and Ridge Planting Systems. <i>Agricultural Engineering International: The CIGR EJournal</i> . Manuscript 1363. Vol. IX. October, 2009. pp: 1-11.
13	Altuntas, E. and M. Erkol, 2009. The Effect of Moisture Content on Colour Characteristics of Walnuts. <i>International Journal of Food Engineering</i> , Volume 5, Issue 2, Article: 13, pp. 1-9, 2009.
14	Altuntas, E. and Y. Ozkan, 2008. Physical and Mechanical Properties of Some Walnut (<i>Juglans Regia L.</i>) Cultivars. <i>International Journal of Food Engineering</i> , Volume 4, Issue 4, Article: 10, pp. 1-16, 2008.
15	Altuntas, E., O.F.Taser and O.Kara, 2008. Yield of Silage Maize as Affected by Compaction Treatments at the Planting Time. <i>Asian Journal of Plant Sciences</i> . 7 (2), 223-227.
16	Altuntas, E. and S. Dede, 2007. The Effects of Different Tillage and Planting Methods on Soil Properties and Yield of the Silage Maize in Mid-Blacksea Transition Climate," <i>Journal of Tekirdag Agricultural Faculty</i> , 4(3), 283-295.
17	Altuntaş, E. and Y.Karadağ, 2006. Some Physical and Mechanical Properties of Sainfoin (<i>Onobrychis sativa Lam.</i>), Grasspea (<i>Lathyrus sativus L.</i>) and Bitter Vetch (<i>Vicia ervilia (L.) Willd.</i>) seeds. <i>Journal of Applied Sciences</i> . 6(6): 1373-1379.
18	Altuntaş, E., E. Özgöz and Ö.F.Taşer, 2006. Assessment of Different Types Furrow Openers Using a Full Automatic Planter. <i>Asian Journal of Plant Sciences</i> . 5 (3), 537-542.
19	Özgöz, E., Ö.F.Taşer and E. Altuntaş , 2005. Some Physical Properties of Yarma, Bulgur," <i>Journal of Applied Sciences</i> . 5 (5): 838-840.
20	Taşer, Ö.F., E. Altuntaş and E. Özgöz, 2005. Physical properties of Hungarian and Common Vetch Seeds," <i>Journal of Applied Sciences</i> . 5 (2): 323-326.
21	Altuntaş, E. 2005. The Effects of Some Operational Parameters on Potato Planter's Performance,". <i>Agricultural Mechanization in Asia, Africa and Latin America (AMA)</i> , 36(2), 71-74.
22	Öğüt, H. and E. Altuntaş , 1999. Mechanization in Potato Farming in Turkey. <i>Journal of Ministry of Agriculture and Village Affairs (Turkey)</i> , 125, 45-50.

PAPERS DELIVERED IN INTERNATIONAL CONFERENCES AND PRINTED AS PROCEEDINGS

<p>1. Altuntas, E. & H. Öğüt, "The Effects of Different Tuber Sizes on Row Seed Tuber Distribution Pattern on a Full Automatic Potato Planter. 7th Int. Cong. On Mech. And Energy in Agr., pp. 158-162. May 26-27,1999, Adana-Turkey.</p> <p>2. Altuntas, E., O. Kara, Ö.F. Taşer & O.Tekelioğlu. "The Effects of the Different Soil Compaction Treatments and Pressures on Some Properties of the Plant and Yield in Sowing the Second Crop Silage Maize. 8 th Int. Cong. On Mech. And Energy in Agr., pp. 124-129. October 15-17,2002, Kuşadası-Turkey.</p> <p>3. Altuntas, E., R.Cangi. "The Physical, Mechanical And Chemical Properties Of Persimmon Fruit (Cv. Fuyu)". XXXIXth Annual Meeting of the European Society for New Methods in Agricultural Research 25th - 29th August 2009, Brno, Czech Republic, Book of Abstracts.</p> <p>4. Cangi, R., & E. Altuntas, "Determination Of Some Physical, Mechanical And Chemical Properties During Physiological Maturity And Ripening Periods Of Kiwifruit (Cv. Hayward)". XXXIXth Annual Meeting of the European Society for New Methods in Agricultural Research 25th - 29th August 2009, Brno, Czech Republic, Book of Abstracts.</p>
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PROJECTS DIRECTED AND PARTICIPATED

Ongoing Projects:

Finished Projects:

- 1.** Determination of Physico-Mechanic and Chemical Properties of Plum under Plant Growth Regulators (Aminoethoxyvinylglycine)
- The Effects of Different Tillage Methods on Soil Properties and Yield of the Wheat in Middle Anatolia Region

3. The Effects of Different Tillage and Planting Methods on Soil Properties and Yield of the Silage Maize in Mid-Black sea Transition Climate
4. **3.** Determination of Some Physical and Mechanical Properties of Strawberry Varieties in Different Storage Periods.
5. 4. The Effects of Post Harvest heat treatment and Storage Periods on Potato Tuber Quality and Physico-Mechanical Properties.
6. 5. Determination of Physico-Mechanic and Chemical Properties of Apple (*Malus Domestica Borkh*) under Plant Growth Regulators (Naphthalene Acetic Acid, Aminoethoxyvinylglycine (Retain))
7. Determination of Some Physical Properties of Some Legume Crop Seeds

ADMINISTRATIVE DESIGNATION

1. Vice head of Agricultural Machinery Department: Gaziosmanpaşa University, Faculty of Agriculture 2000-2009 and 2010
2. Vice head of Biosystems Engineering Department: Gaziosmanpaşa University, Faculty of Agriculture 2010-2012

OTHER ACTIVITIES:

Editor-in-Chief: Journal of Agricultural Faculty of Gaziosmanpasa University (JAFAG),
<http://ziraatdergi.gop.edu.tr> (from 2012 September to 2014 August)

Editorial Board member:

Journal of Food Chemistry and Nutrition (JFCN),
Research Open Journal of Science and Technology,
International Journal of Food Science, Nutrition and Dietetics
American Journal of Biology and Life Sciences
American Journal of Food Science and Nutrition Research
International Journal of Agriculture, Forestry and Fisheries
Current Agriculture Research Journal
Journal of Agriculture and Environmental Sciences

Area editorial board member:

Journal of New Results in Science (JNRS),
Turkish Journal of Agriculture-Food Science and Technology,
Journal of New Theory

Technical editor members:

American Journal of Food Technology,
Asian Journal of Plant Sciences,
Journal of Applied Sciences,
International Journal of Soil Science,
Asian Journal of Agricultural Research,