

RESUME

Prof. DR. Said Wahab



DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY
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The University of Agriculture,

Peshawar. Pakistan.

Permanent Address: Moh Seeni Vill and P/O Lund Khawar

Tehsil: Takhat Bhai District Mardan.

Personal:

Father's Name : ABDUL WAHAB
Date of Birth : 25/9/1964
C.N.I.C. No. : 17301-6674414-1
Domicile : Mardan
Nationality : Pakistani
Religion : Islam
Languages Known : English, Urdu and Pashto
Marital Status : Married

Date of entry into service: 15/8/89

Present Position: PROFESSOR

Academic:

<u>Degree/Cert.</u>	<u>Subjects</u>	<u>Session</u>	<u>Divison</u>	<u>Board/Univ.</u>
S.S.C	Science	1980	Ist	BISE, Peshawar
F.Sc.	Agriculture	1982	2nd	NWFP, AUP

B.SC (Hons) Food Sci & Technology 1985 Ist NWFP, AUP
M.SC (Hons) Food Sci & Technology 1987 Ist NWFP, AUP
P.hD Food Sci & Technology 2003 UAF
Post Doc Food Sci & Technology 2009- 2010 Zhejiang Uni. P.R China

2. EMPLOYMENT RECORD:

S.No	Designation	BS	Department	From	To
1	Professor	21	Department of Food Science and Technology , The University of Agriculture, Peshawar, Khyber Pakhtunkhwa, Pakistan	2009	Till date
2	Associate. Prof.	19	-do-	2005	2009
3	Assist. Prof.	18	-do-	2000	2007
4	JRS/Lecturer	17	-do-	1989	2000

3. EXPERIENCE, ACADEMICS AND SCHOLARY RECOGNITIONS:

- Total Teaching Experience =27 yrs
- Post –Doc Experience = 7 yrs
- Administrative Experience as Chairman of the department = 3 yrs
- Research papers published in national and International Journals = 32 and 23
Respectively
- Books Published = 1
- Conferences, Seminars and Workshop attended National and International
- Arranged International Level Seminar as General Secretary AUTA
In 2005 (Bara Gali)

Trainings/ Workshops attended:

Summer orientation of technical/Scientific students. PAEC

Certificate from Silsoe College England.

Training course in nuclear and other advanced techniques in food and agriculture research.

Certificate of participation in workshop AUP .

Certificate of participation in workshop AUP.

Attended seminar on Fruit Processing and its Comprehensive Utilization for Developing Countries. People Republic of China (Beijing) 6th June - 30th June 2012.

Workshop on Private Food Safety and Quality Standards for Enhancing market access organized by the Asian Productivity Organization CPC Taipei Taiwan 4 to 8 November 2013.

Training Certificate from TRTA 2015

Attended Conference on 1: 15-AG-01-GE-CON-A Asian Food and Agribusiness Conference: Strengthening Public-Private-Sector Partnerships (28-30 March 2016 / Bandung, Indonesia)

Visit to Kasetsort University for collaborative research and Student Exchange programme: 30th March to 4th April 2016.

LIST OF PUBLICATIONS IN IMPACT FACTOR JOURNALS

1. Ayub, M; **S. Wahab** and Y. Durrani. 2003. Effect of water activity (a_w) moisture content and total microbial count on the overall quality of Bread .Inter. J. Agric. & Bio. <http://www.ijab.org>. 5(3):274 - 278.
2. Shad K. Khalil, J. G. Maexal, A. Rehman, A.Z Khan, **S. Wahab**, M. zubair, I.H.Khalil and Fida Mohammad.Pak. J. botany. 2010. Soybean mother plant exposure to temperature stress and its effect on germination under osmotic stress. 42(1) : 213-225.
3. Shad K. Khalil, T. Muhammad, A. Rehman, **S. Wahab**, A.Z Khan, M. zubair, Amanullah and I.H.Khalil. Pakistan journal of botany.Utilization of allelopathy and

- planting geometry for weed management and dry matter production of maize. . 42(2) : 791-803. 2010.
4. Shad K. Khalil, Shitab Khan, A. Rehman, A. Z. Khan, Amanullah, **S. Wahab**, zubair, Shaheen Nigar, M. Zubair and Sajida Perveen. Pak. J. botany. Seed priming and phosphorus application enhance phenology and dry matter production of wheat 42(3) : 1849-1856. 2010.
 5. Shad K. Khalil, A.Wahab, A. Rehman, F. Muhammad, **S.Wahab** A.Z Khan, S. Akhtar, M. zubair, I.H.Khalil, M.Kalan Shah, H.Khan. 2011. Density and planting date influence phonological development assimilate partitioning and dry matter production of faba bean. Pakistan journal of botany. 42(6) : 3831-3838.
 6. Shad K. Khalil, A. Rehman, F. Muhammad, A.Z Khan, **S.Wahab**, S. Akhtar, M.zubair, I.H.Khalil, M.Kalan Shah, H.Khan. 2011. Dual purpose wheat for forage and grain yield in response to cutting, seed rate and nitrogen. Pakistan journal of botany. 43(2)937-947.
 7. Amir zaman khan,S. Khan, R.Khan,S. Nigar, B.Saeed, H. Gul, Amanullah, S. K. Khalil,**Said Wahab**, M.ayub, N. Matsue and T. Henmi. . Morphology and yield of soybean grown on allophanic soil as influenced by synthetic zeolite application. Pakistan journal of botany. 43(4).
 8. Saeed, B., H. Gul, **S. Wahab**, Y. Durrani, B. Haleema, M. Ayub, **Ali Muhammad**, Said, and I. Ahmad. 2011. Effect of phosphorus and potassium on seed production of berseem. African J. Biotech. 10(63): 13769- 13772.
 9. Saeed, B., Y. Durrani, H. Gul, A. said, **S. Wahab**, M. Ayub, Ali Muhammad, B. Haleema and I. Ahmad. 2011. Forage yield of berseem (*Trifolium alexandrium*) as affected by phosphorus and potassium fertilization. African J. Biotech. 10(63): 13815- 13817.
 10. Muhammad Liaquat, Saeed Khan, Sher Aslam, Ayub khan, Hakim Khan, S. M.Khan, S.Ali, **Said Wahab** and Haq Nawaz Bhatti. 2012. Rape Seedling Lipase Catalyzed Synthesis of Flavor Esters Through Transesterification in Hexane. J.Chem.Soc.Pak. 34(1):144-147.

11. Y. Durrani, A. Zeb, Ye Xingqian, M. Ayub, Waseem Tahir, Ali Muhammad and **S.Wahab**. 2012. Influence of storage temperatures on physicochemical sensory and nutritional properties of chemically preserved mango pulp. *African J. Biotech.* 11(13): 3147- 3152.
12. Rong-Fa Guan, Zhen-Feng Liu, Jin-Jie Zhang, Yun-Xiao, **Said Wahab** Dong Hong Liu, Xing-Qian Ye. 2012 Investigation of biogenic amines in sufu (furu): A Chinese traditional fermented soybean food product. *Food Control.* 31 (2013) 345-352.
13. Amir Zaman Khan, S.Nigar, Shad Khan Khalil, **S.Wahab**, A.Rab, M.K, Khattak and Teru Henmi. 2013. Influence of synthetic Zeolite application on seed development profile of soybean grown on allophonic soil. *Pak. J. botany.* 45(3) : 1063-1068.
14. Ali Muhammad., M. Ayub, A. Zeb, **S. Wahab**, S. Khan, and Ihsanullah. *Int. J. of Basic & Applied Sci.* 2013. Physicochemical analysis and fatty acid composition of oil extracted from olive fruit grown in Khyber Pakhtunkhwa, Pakistan. 13(2): 36-39. 2013.
15. Shad.K.Khalil, S.Rehman, A. Rehman, **S. Wahab**, Fida.M, A.R. Saljoki, A.Zaman, A.Ullah and Ahmad Khan. 2014. Water harvesting through micro-watershed for improved production of wheat (*Triticum aestivum* L) in semiarid region of northwest, Pakistan. *Soil & Tillage Research.*
16. Ali Muhammad, M.Ayub, **S.Wahab**, Alam Zeb, and S.A. Ali. 2014. Physicochemical analysis and organoleptic evaluation of honey during storage. *World J. of Pharm. Res.* 3(3):
17. M. Ayub, M.Z.Masud, S.Ullah, **Said Wahab** Y.Durrani, J.Ullah, Ali Muhammad, S.A.Ali. 2014. Quality evaluation of melon cubes preserved in sweetener solutions. *J. of Medicinal Plant Res.* 8(3):529-537. 2014.
18. **Said Wahab**, Mansoor Khan Khattak, Shad Khan Khalil and Fahim Ullah. *World journal of pharmaceutical research.* 3(3). 4393-4403. 2014.
19. .A. Z. Khan¹, B. Ali², M. Afzali¹, **S. Wahabi**¹, S. K. Khalil¹ , N. Amin¹, Q. Ping², T. Qiaojing² and W.

- Zhou² 2015' EFFECTS OF SULFUR AND UREASE COATED CONTROLLED RELEASE UREA ON DRY MATTER YIELD, N UPTAKE AND GRAIN QUALITY OF RICE The Journal of Animal & Plant Sciences, 25(3): 2015, Page: 679-685
ISSN: 1018-7081
20. Khan, A. Z.; Muhammad Afzal; Asim Muhammad; Habib Akbar; Khalil, S. K.; **Said Wahab**; Noor-ul-Amin 2015. "Influence of slow release urea fertilizer on growth, yield and N uptake on maize under calcareous soil conditions". **Journal Pure and Applied Biology** 2015 Vol. 4 No. 1 pp. 70-79
21. Shad Khan Khalil^{1*}, Shamsur Rahman¹, Abdur Rehman², **Said Wahab**³, Mansoor Khan Khattak⁴, Iftikhar H. Khalil⁵, Amir Zaman Khan¹, Amanullah¹. 2015 "Osmoconditioning improve germination, assimilate partitioning and harvest index of wheat under drought" International Journal of Biosciences | IJB | ISSN: 2220-6655 (Print), 2222-5234 (Online) Vol. 6, No. 7: 44-57.
22. Said Wahab¹, Fahim Ullah^{2,3*}, Mansoor Khan Khattak³, Muhammad Sohail Memon² and Lubna Hassan⁴ 2016 'Impact of temperature and fermentation period on the overall quality of black tea *Pure Appl. Biol.*, 5(4): 1278-1287.
- 23: Abdul Sattar Shah^{1,2*}, Said Wahab¹, Sumayya Rani², Ziaur Rahman², Inayat-ur-Rahman², Abdul Basir², Malik Muhammad Hashim³, Muhammad Faisal Anwar Malik² and Syed Abdul Majeed Shah² 2016. Physico-chemicals and sensory quality of Peaches treated with hot water during the cold storage *Pure Appl. Biol.*, 5(4): 1245-1253, December, 2016

LIST OF PUBLICATIONS IN HEC RECOGNIZED JOURNALS

1. Maqbool Ahmad, **Said Wahab**, Aurangzeb and Bakhtiar Hussain. 1989. Comparative quality study of toasted corn and soybean. *J.Sci.Ind.Res.* Vol 32 (1): 47-49.

2. Habib Ahmad Rathoor, M. Saeed, **Said Wahab**, M.J. Durrani. 1991. Studies on the influence of packaging materials on the total glycol-alkaloids content of potato cultivars during storage. J.Sci and Technology Uni, Peshawar. (31-33).
3. Rafiullah Khan, M.J. Durrani, **Said Wahab**, L.S. Wei and M. Saeed. 1993. Studies on the sensory evaluation, Hunter color values and total microbial count of canned sweetened intermediate moisture soy concentrates during storage. S J A . X. Vol X (5).
4. Alam Zeb, M. Saeed, **Said Wahab** and Raad Razak. 1994. Effect of natural fermentation on phytic acid content in chickpea. Scientific Khyber. 7 (1): 25-30.
5. Rafiullah Khan, **Said Wahab**, M. J. Durrani, J. Ullah and L.S. Wei. 1994. Studies on flow property (Viscosity) of nutritive sweeteners at various concentrations. S J A. X. Vol X (5): 521-30.
6. M. Liaqat, A.H. khan, Ijaz Ahmad, J. Ullah and **Said Wahab**. 1994. Qualitative determination of glucosinlate in cruciferae seeds. S J A. Vol X (6): 629- 631.
7. Ayub, M; Khan R; **Said Wahab**; A. Zeb & J. Muhammad. 1995. Effect of crystalline sweeteners on the water activity and shelf stability of osmotically dehydrated guava. S J A. Vol XI (6):755-761.
8. Rafiullah Khan, **Said Wahab**, S. Munir, L.S. Wei and M. Ayub.1996. Studies on the nuclear magnetic resonance (NMR) water mobility in different Sweeteners and desludged soy concent rate. S J A. Vol XII (3):355-360.
9. Muhammad Ayub, Rafiullah Khan, Alam Zeb and **Said Wahab**. 1996. Influence of various sweeteners and their concentration during osmosis on the water activity (aW) and shelf stability of osmotically dehydrated guava slices. S J A. Vol XIII (4): 361-368.
10. Habib Ahmad Rathoor, **Said Wahab**, Jan Muhammad and Ithisham-ul-Haq. 1997. Effect of different packaging materials on ascorbic acid content in potatoes during storage. S.J.A. Vol X11(4): 411-414.

11. Habib Ahmad Rathoor, **Said Wahab** and Muhammad Saeed. 1999. The determination of specific gravity of the packaged potatoes during storage. S J A. Vol 15 (1):57-60.
12. Habib Ahmad Rathoor, **Said Wahab** and Muhammad Saeed. 2000. Effect of modified atmosphere on the total solid content and weight loss of potatoes during storage. S J A. Vol 16 (5):537-543.
13. Habib Ahmad Rathoor, **Said Wahab**, and Muhammad Saeed. 2000. Studies on the enzymatic discoloration of packaged potato tubers during storage. S JA. Vol 16 (3):343-346.
14. Yaser Durrani, **Said Wahab**, M. Ashraf chaudry and Javid-Ullah. 2002. Futerell' s early waste utilization in by product development and its utilization in bakery products. SJA. vol 18 (4): 463-467.
15. Qazi I. M; **S. Wahab**; A. A. Shah; A. Zeb; and M. Ayub. 2003. Effect of different fermentation time and baking on Phytic acid content of whole wheat flour bread. Asian J. Plant Sci. 2(8): 597 – 601.
16. **Said Wahab**. Published in The Frontier Post English Daily 3rd October 2003. Quality issues in wheat production. 2003.
17. Ayub.M,A. Rafiq; **S. Wahab** and Y. Durrani. Effect of water activity (a_w), moisture content and microbial activity on the keeping quality of industrial and locally manufactured cookies. Scientific Khyber. 17(1): 9-20.
18. **Said Wahab**, F.M. Anjum, M.S. Butt, M. Sarwar and Aurang Zeb. 2004. Phytic acid content of bread prepared from different wheat varieties grown in NWFP. SJA. Vol 20(1) :157-162.
19. **Said Wahab**, F.M. Anjum, M.S. Butt, M. Sarwar and Aurang Zeb. 2004. Amino acid Profile of different wheat varieties grown in NWFP. SJA. vol 20 (1):292-295.
20. Saima Tariq, Aurag Zeb, F. Mahmood and **Said Wahab**. 2004. Comparative storage studies on wheat flour prepared by different processing methods.11 Effect on phytic acid contents in flour and bread. Pak. J. Food Sci. 14 (1-2): 13-17.

21. Muhammad Ayub, Amir Rafiq, **Said Wahab** and Yasser Durrani. 2004. Effect of moisture content and aw on the quality of cookies prepared by local and industry. Scientific Khyber.
22. Saima Tariq, Aurag Zeb, F. Mahmood and **Said Wahab**. 2004. Comparative storage studies on wheat flour prepared by different processing methods.111 organoleptic attributes. SJA. 21: 493- 497.
23. **Said Wahab**, Saleem Khan, Mansoor Khan Khattak, Aurangzeb, Nazir Ahmad and Fozia Habib. Nutritional qualities of different wheat varieties evolved and grown in NWFP. S.J.A. 23 (4) : 1131-1136.
24. Mansoor Khan Khattak, Muhammad Jamal Khan, Muhammad Israr, **Said Wahab** and Muhammad Ramzan. 2005. Enhancement of wheat yield and yield components by controlling weeds with deep tillage practices under irrigated clay loam soil conditions. Pakistan Journal of weed research. 11 (3-4): 131-136.
25. Saleem Khan, Fozia H. Khattak, **Said Wahab**, Zia-Ud-Din, S.Akhter and I.A. Khattak. 2005. Effect of heating on nutritional quality of raw and cooked mushroom. Scientific Khyber. 18(1): 87-95.
26. Said wahab,-----2005. Hypoglycemic response to jaman seed in type-2 diabetic individuals. S J A. Vol 22 (1):
27. Khattak, M.K., M.J. Khan, M. Asrar, **S. Wahab** and M. Ramzan. 2005. Enhancement of wheat yield and yield components by controlling weeds with deep tillage practices under irrigated clay loam soil condition. Pak.J. Weed Sci. Res.11(3 - 4): 131 – 136.
28. Saima Tariq, Aurag Zeb, F. Mahmood and **Said Wahab**. 2006. Comparative studies on Storage studies on wheat flours prepared by different processing methods -1. Biochemical and microbiological attributes PSP. Vol 28 (4):214- 218.
29. Khan, M.J. M.K. Khattak and **S. Wahab**. 2006. Influence of Various Tillage Practices on Selected Physical properties of Sandy Loam Soil Under Rainfed Area. Sarhad. J. Agric. 11(1-2): 71–79.

30. Ayesha Riaz, **Said Wahab**, Majid Suhail Hashmi and Abdul Sattar Shah. 2007. The influence of Mungbean and Mashbean supplementation on the Nutritive value of whole wheat flour bread. SJA. (3) : 737-742.
31. Faizullah Khan. 2012. Preparation and evaluation of gluten free ready to serve buckwheat product. arpn journal of agricultural and biological science. vol. 7, no. 8: 633-637.
32. MOHAMMAD RAFIQ¹, ZAWAR HUSSAIN², QAMARUZ ZAMAN³,*MUHAMMAD IQBAL³ AND SAID WAHAB⁴ 2013.Modified version of KIM and WARDE'S MIXED RANDOMIZED RESPONSE TECHNIQUE IN COMPLEX SURVEYS *Sarhad J. Agric.* Vol. 29, No.4:591-98.

Computer Skills:

- Expert in MS Word, Excel and Power Point.

Experience:

- **Teaching, Research and outreach experience 27 years.**
- **HEC Accredited PhD Supervisor**
- **M.Sc Student supervised as major supervisor more than 25**
- **M.Sc Students supervised as Member 30**
- **PhD Student Under supervision 5**
- **Focal Person HEC for NATIONAL RESEARCH PROGRAM FOR UNIVERSITIES
NRPU for the year 2014-2015.**
- **Focal Person HEC Phase VI of PAK-US S&T Cooperation Program Pak US S&T
Cooperation Program for the year 2014-2015.**

Membership of societies

- **Life time membership of all Pakistan societies of food scientist
and technologist.**
- **Finance secretary of all Pakistan societies of food scientist and
technologist Peshawar chapter.**
- **Member of Agricultural university teachers association.**
- **Member of DPAC 2005 -2007 AUP.**
- **Staff Proctor 2005-2006.**
- **General Secretary AUTA 2005-2006.**
- **Executive Member AUTA 2006-2007.**

Administrative Experience

- **Warden Staff Hostel 2001- 2003: 3years**
- **Senior Warden Unit B 2011 -20-04-2014. 4years**
- **Chairman department of Food Science and Technology 2011-2014: 3 Years**
- **Financial Manager Food Processing Plant at AUP 2011-2014. 3 Years**
- **Chairman Vigilance Committee SA&FC 2011 – 20-04 2015: 5 years**
- **Provost from 18-6-2014 to 20-04-2015: 10 Months**
- **Member of UFM committee 2014 till Date**
- **Elected Member of syndicate from the constituency of HOD 2012 to 16-5-2014. 3 Years**