

Curriculum Vitae

NAME:

Dr. Nadeem Akbar

PERSONAL PROFILE:

✂ Date of Birth: 25-6-1972
✂ C.N.I.C Number: 33100-1251462-5
✂ Cell No: +92321-7781080
✂ Nationality: Pakistani
✂ Gender: Male
✂ Religion: Islam

Nadeem Akbar

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House no. 29, lala zar colony,
University of agriculture,
Faisalabad,
Pakistan



ACADEMIC QUALIFICATION:

Education	Year	Major Subjects	Board/University	Division	Marks/CGPA
Ph. D	2004	Agronomy	University of Agriculture, Faisalabad	1 st	Ph. D
Masters	1998	Agronomy	University of Agriculture, Faisalabad	1 st	Masters
Graduation	1996	Agronomy	University of Agriculture, Faisalabad	1 st	Graduation
Intermediate	1991	Pre-Medical	Govt. Degree College Samna bad, Faisalabad	1 st	Intermediate

TEACHING/RESEARCH EXPERIENCE:

S.No	PERIOD	DESIGNATION	SUBJECT	LEVEL/CLASS	INSTITUTION
1	26/03/1999 TO 12/04/2003	TECHER ON PER LACTURE BASIS	AGRONOMY	B.sc (Hons) Agriculture	University Of Agriculture Faisalabad
2	12/4/2003 TO 12/07/2005	LECTURER IN BS 17	AGRONOMY	B.sc (Hons), M.sc (Hons) Agriculture,	University Of Agriculture Faisalabad
3	12/07/2005 TO 01/08/2008	ASSISTANT PROFESSOR IN BS 19(Adhoc)	AGRONOMY	B.sc (Hons) Agriculture, M.sc (Hons) /PhD Agriculture	University Of Agriculture Faisalabad
4	01/08/2008 TO 31/08/2019	ASSISTANT PROFESSOR IN BS 19(Regular))	AGRONOMY	B.sc (Hons), M.sc (Hons) /PhD Agriculture	University Of Agriculture Faisalabad
5	31/08/2019 TO 30-05-2024	Associate professor BPS 20	AGRONOMY	B.sc (Hons), M.sc (Hons) /PhD Agriculture	University Of Agriculture Faisalabad

6	31-05-2024 TO date	Professor	AGRONOMY	B.sc (Hons), M.sc (Hons) /PhD Agriculture	University Of Agriculture Faisalabad
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TRAININGS RECEIVED:

- Course of instruction in “Effective teaching” from 1.12.2001 to 1.1.2002, Division of Education and Extension, University of Agriculture, Faisalabad.
- “Teaching Training Workshop” on December 12, University of Agriculture, Faisalabad.
- “Basic Computer Skill Development Program.” from June 12 to June 25, 2003
- University of Agriculture, Faisalabad. (Department of Computer Science)
- EU Asia Link Project short course on “Principle of Experimental Design and Analysis “from December 1.12.2003, University of Agriculture, Faisalabad in collaboration with University of Wales, Bangor, UK.
- International Workshop on Allelopathy (Current Trends and Future Application), from March 18-21, 2007, University of Agriculture, Faisalabad. (Department of Agronomy)

PROFESSIONAL EXPERIENCE:

- Teaching and Research 26-3-1999 to update

MEMBERSHIP OF PROFESSIONAL SOCIETIES:

- Member of Agronomy Society, University of Agriculture, Faisalabad.

HONOURS AND AWARDS:

- Govt. Merit Scholarship during study in UAF.

RESEARCH INTERESTS:

- Production agronomy of cereals specially rice crop

SUPERVISION EXPERIENCE: M.Sc. (Hons.) Students

S.N O.	NAME OF STUDENT	TITLE	NAME OF UNIVERISTY	REGISTRATI ON DATE - COMPLETION DATE
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1	Shahid Raza	Effect of different weed control practices in direct sown rice.	University of Agriculture Faisalabad	2003-2005
2	Tahir Atta Kareem	Growth and yield of wheat as affected by different methods of sowing.	University of Agriculture Faisalabad	2004-2006
3	Shahzad Ahmad Junaid	Effect of seeding density per hill and seedling age on growth and yield of Basmati Rice.	University of Agriculture Faisalabad	2004-2006
4	Imran Haider	Agro- physiological responses of forage maize to different sowing techniques and legume inter crops	University of Agriculture Faisalabad	2004-2006
5	Muqarab Ali	Effect of planting density and time of sowing on yield and quality of cotton under agro-ecological conditions of Rahim Yar Khan. quality of maize	University of Agriculture Faisalabad	2005-2007
6	M. Saqib	Nitrogen management in rice using leaf colour chart	University of Agriculture Faisalabad	2005-2007
7	M. Aamir	Effect of Row spacing on growth and yield of two newly evolved wheat varieties.	University of Agriculture Faisalabad	2006-2008
8	M. Kashif Haneef	Effect of different sowing dates on the yield and yield components of direct seeded fine rice.	University of Agriculture Faisalabad	2007-2009
9	Usman Bashir	Effect of different sowing dates on the yield and yield components of direct seeded coarse rice.	University of Agriculture Faisalabad	2007-2009
10	Aqeel Sarwar	Effect of various mulching techniques on growth and yield of wheat crop grown under zero tillage system	University of Agriculture Faisalabad	2008-2010
11	Majid Iqbal	Influence of sowing method on yield and quality of two cultivar of chick pea.	University of Agriculture Faisalabad	2008-2010
12	Javaid Afzal	Response of two promising hybrids of spring maize to various levels of zinc under Faisalabad conditions	University of Agriculture Faisalabad	2008-2010
13	Perviz Ahmid	Effect of tillage on the growth and yield of newly evolved wheat varieties	University of Agriculture Faisalabad	2010-2012
14	Shafique Yousuf	Chemical and mechanical weed control studies in drill seeded aerobic rice	University of Agriculture Faisalabad	2010-2012
15	Naeem Akhtar	Effect of different zinc sources and application times on grain yield and quality of direct seeded fine grain rice	University of Agriculture Faisalabad	2010-2012
16	Syed Mohsin Shahzad	Feasibility of drum seeder using dry, soaked and sprouted seeds in rice	University of Agriculture Faisalabad	2010-2012
17	Ali Adnan	Effect of different doses of nitrogen on growth and yield of the new wheat cultivars	University of Agriculture Faisalabad	2011-2013
18	Khalid Rehman	Effect of different fertilizer levels on growth and yield of maize cultivars	University of Agriculture Faisalabad	2011-2013

19	Ali Imran	Response of wheat cultivars to different tillage practices grown under rice-wheat cropping system	University of Agriculture Faisalabad	2011-2013
20	Waqar Khalid	Effect of various Sowing Method and weed Control Practices on Growth and Yield of Direct Seeded Medium Grain Rice	University of Agriculture Faisalabad	2012-2014
21	Naeem Sattar	Influence of the sowing dates and irrigation levels on wheat under agro ecological condition of faisalabad	University of Agriculture Faisalabad	2012-2014
22	Muhammad Atif Shabir	Effect of tillage techniques on productivity of wheat	University of Agriculture Faisalabad	2012-2014
23	Muhammad Sohail	Response of deferent maize hybrid against the various sowing dates under the agro-ecological condition of Faisalabad	University of Agriculture Faisalabad	2012-2014
24	Adila Iram	Evaluating the response of mungbean to CoSO ₄ and nitrogen application	University of Agriculture Faisalabad	2012-2014
25	Muhammad Azam	Production potential of various maize (<i>Zea mays</i> L.) hybrids under different intra-row plant spacing.	University of Agriculture Faisalabad	2013-2015
26	Waseem Akram	Response of Wheat (<i>Triticum aestivum</i> L.) to Different Levels of Potassium and Planting Geometry	University of Agriculture Faisalabad	2013-2015
27	Muhammad Ishfaq	Optimizing row spacing for direct seeded rice under dry and moist field condition	University of Agriculture Faisalabad	2014-2016
28	Shakeel-Ur-Rehman	Influence of phosphorous application on autumn planted maize under different method of sowing	University of Agriculture Faisalabad	2014-2016
29	Ijaz Ahmad	Performance of newly evolved wheat cultivars under different method of sowing	University of Agriculture Faisalabad	2014-2016
30	Muhammad Waseem Abbas	Ameliorating the drought stress in maize (<i>Zea mays</i> L.) hybrid through exogenous application of fluvic acid	University of Agriculture Faisalabad	2015-2017
31	Nazar Manzoor	Ameliorating the drought stress in maize (<i>Zea mays</i> L.) hybrid through exogenous application of humic acid	University of Agriculture Faisalabad	2015-2017
32	Samreen Ghulam Rasool	Studying the dynamics of foliar applied mepiquat chloride in cotton under different sowing techniques	University of Agriculture Faisalabad	2016-2018
33	Muhammad Ahmad Arain	Variety suitability for transplanted and direct seeded rice systems	University of Agriculture Faisalabad	2016-2018
34	Fakhar Almas	Effect of varying levels of Arsenic on morphological and physiological traits of maize	University of Agriculture Faisalabad	2016-2018
35	Khadija Murtaza	Growth and yield response of cotton to different sowing techniques and timing of mepiquat chloride application	University of Agriculture Faisalabad	2017-2019

36	Basit Mustafa	Precise nitrogen management for wheat using greenseeker technology	University of Agriculture Faisalabad	2017-2019
37	Abdul Rehman	Comparative performance of direct seeded and transplanted rice under different nitrogen sources	University of Agriculture Faisalabad	2017-2019
38	Nasir Ali	Comparative Efficacy of Different Pre and Post-Emergence Herbicides to Control Weeds in Direct Seeded Rice	University of Agriculture Faisalabad	2017-2019
39	Hafsa Hassan	Effect of exogenous glycinebetain application on morpho-physiological traits, growth and yield of rice under cadmium stress conditions	University of Agriculture Faisalabad	2017-2019
40	Muhammad Nabeel Anwar	Evaluating the Performance of Basmati Cultivars Under Direct Seeded and Transplanted Rice Production Systems	University of Agriculture Faisalabad	2017-2019
41	Muhammad Husnain	Impact of maize mung bean intercropping on growth and yield of autumn maize at different nitrogen levels	University of Agriculture Faisalabad	2018-2020
42	Zarina Batool	Effect of exogenous sodium nitrophenolate on the growth and yield of maize under varying irrigation regimes	University of Agriculture Faisalabad	2018-2020
43	Muhammad Hamza Latif	Effect of Boron, Zinc and Silicon Application on the Productivity of Direct Seeded Rice	University of Agriculture Faisalabad	2018-2020
44	Asad Munir	Evaluation Of Phosphorus Application From Various Sources In Maize Under Different Irrigation Regimes	University of Agriculture Faisalabad	2018-2020
45	Ch Basit Mustafa	Precise Nitrogen Management For Wheat Using Greenseeker Techology	University of Agriculture Faisalabad	2018-2020
46	Sheeraz Javeed	Impact of foliar application of boron on productivity of different varieties of wheat (Triticum aestivum L.)	University of Agriculture Faisalabad	2019-2021
47	Aqsa Hayat	Effect of Nitrogen level and plant density on maize phenology and grain yield	University of Agriculture Faisalabad	2019-2021
48	Muhammad Usman	Impact of Foliar Application of Zinc on the Productivity of Different Varieties of Wheat	University of Agriculture Faisalabad	2019-2021
49	Muhammad Ali Bashir	Evaluating The Effects Of Foliar Applied Sorbitol On Growth And Yield Of Spring Maize Under Different Irrigation Regimes	University of Agriculture Faisalabad	2019-2021

50	Muhammad Arshad Javeed	Effect Of Foliar Application Of Manitol On Growth And Yield Of Maize Under Different Water Regimes	University of Agriculture Faisalabad	2020-2022
51	Zeesham Muazam	Effect of Foliar Application of Silicon Dioxide on Yield of Maize under Different Water Regimes	University of Agriculture Faisalabad	2020-2022
52	Zeshan Mushtaq	Mitigating The Effect Of Skip Irrigation In Wheat (Triticum Aestivum L.) By Exogenous Application Of Indole Acetic Acid	University of Agriculture Faisalabad	2020-2022
53	Muhammad Umar	Effect Of Foliar Application Of Indole 3-Acetic Acid To Mitigate Salt Stress In Wheat Crop	University of Agriculture Faisalabad	2020-2022
54	Adnan Sardar	Effect Of Foliar Application Of Ascorbic Acid On Yield And Yield Components Of Maize Under Different Water Regimes	University of Agriculture Faisalabad	2020-2022
55	Muhammad Zaheer	Effect Of Foliar Application Of Salicylic Acid On Yield Of Maize (Zea Mays L.) Under Different Water Regimes	University of Agriculture Faisalabad	2020-2022
56	Hafiza Maryam Zia	Effect Of Foliar Application Of Ascorbic Acid To Mitigate Salt Stress In Wheat Crop	University of Agriculture Faisalabad	2020-2022
58	Ahsan Mubarak	Nitrogen Management Strategies under Different Irrigation Regimes in Direct Seeded Rice	University of Agriculture Faisalabad	2021-2023
59	Muhammad Umar Wasim	Effect of different water saving techniques and mechnization on yeild and quality of basmati rice	University of Agriculture Faisalabad	2021-2023
60	Muhammad Mahboob	Effect of different resource conservation techniques on growth and yield of wheat.	University of Agriculture Faisalabad	2021-2023
61	Sobia Mushtaq	Evaluating the impact of different sowing techniques and harvesting intervals on forage yield and quality of alfalfa	University of Agriculture Faisalabad	2021-2023
62	Amina Umar	Effect of foliar application of essential and non essential amino acids on wheat under salinity stress.	University of Agriculture Faisalabad	2021-2023
63	Raheem Ullah	Evaluation ofvarying weedcontrol measures for sustainable wheat production.	University of Agriculture Faisalabad	2022-2024
64	Saddam Hussain	Effect of different nitrogen dosses on yield and yield related traits in	University of Agriculture Faisalabad	

		rice under various production systems		
65	Muhammad Mehran	Effects of chemical weed management interventions on weed dynamics and grain yield of direct seeded rice.	University of Agriculture Faisalabad	2022-2024
66	Aiman Akbar	Optimization of nitrogen dose for enhancing the productivity of different wheat cultivars	University of Agriculture Faisalabad	2022-2024
67	Ayesha Sharif	Effect of foliar spray of ascorbic acid on wheat productivity under varying levels of salt stress	University of Agriculture Faisalabad	2022-2024
68	Farah Nawaz	Effect of foliar application of trehalose on the growth and yield of wheat under salinity stress	University of Agriculture Faisalabad	2022-2024

SUPERVISION EXPERIENCE: Ph. D. Students

S.NO.	NAME OF STUDENT	TITLE	NAME OF UNIVERISTY	REGISTRATI ON DATE - COMPLETION DATE
1	Saeed Ahmad Qaisrani	Determination of Agro-management techniques in wheat (<i>Triticum aestivum</i> L.) sown In rice-wheat cropping system	University of Agriculture Faisalabad	2006-2011
2	Muhammad Saqib	Development and appraisal of economical and sustainable approaches for weed management in drill seeded aerobic rice (<i>Oryza sativa</i> L.)	University of Agriculture Faisalabad	2006-2012
3	Sher Afzal	Assessment of agronomic benefits of mix cropping system and soil health	University of Agriculture Faisalabad	2010-2017
4	Asim Rasheed	Agronomic strategies to manage bacterial leaf blight in direct seeded fine rice	University of Agriculture Faisalabad	2010-2018
5	Muhammad Ishfaq	Optimization of Environment-Friendly Rice Production System in Punjab, Pakistan	University of Agriculture Faisalabad	2016-2020

SUPERVISION EXPERIENCE: Ph. D. Students (in progress)

S.NO.	NAME OF STUDENT	TITLE	NAME OF UNIVERISTY	REGISTRATI ON DATE - COMPLETION DATE
	Ch. Basit Mustafa		University of Agriculture Faisalabad	Continue
1	Shawaiz Iqbal	Stand establishment and weed management interventions for resource conservation to enhancing productivity of direct seeded rice	University of Agriculture Faisalabad	Continue
2	Shahid Nazeer	Nitrogen management strategies in different rice production systems	University of Agriculture Faisalabad	Continue

CONFERENCES/ SEMINARS/ WORKSHOPS ATTENDED IN PAKISTAN:

CONFERENCES				
S. No	PERIOD		TITLE	Place & Organizer
	FROM	TO		
1	November 7-9, 2022		Climate change impact and solution	University of Agriculture, Faisalabad
2	January 9-12, 2014		ICCDD Conference on Linkage, Value Chains and Development along the Rural-Urban interface	ICDD, University of Kassel, Germany and ORIC, UAF.
3	October 26-27, 2009.		International. conference on sustainable food grain production, Challenges and opportunities	University of Agriculture, Faisalabad
SEMINARS				
S. No	PERIOD		TITLE	Place & Organizer
	FROM	TO		
1	September 16, 2014		International seminar on global change and Pakistan Perspective	University of Agriculture, Faisalabad
2	15 July to 11 August, 2009		Professionals competency enhancement training program for teachers	University of Agriculture, Faisalabad
3	June1-2, 2011		International seminar on crop management: issues and options.	Department of Agronomy, University of Agriculture, Faisalabad
4	June12-25, 2003		Basic computing skills development program.	University of Agriculture, Faisalabad
5	23 Faburary, 2024		International seminar on smart agro-farming through modern innovation	University of Agriculture, Faisalabad
WORKSHOPS				
S. No	PERIOD		TITLE	Place & Organizer
1	December 15, 2022		Annual Chrysanthemum day 2022	University of Agriculture, Faisalabad
2	December 14-15 2022		Climate Change adaptation in Agriculture	University of Agriculture, Faisalabad
3	January 20-26, 2013		Workshop on Strengthening Extension Skills of Young Afghanistan-Pakistan Professionals	University of Agriculture, Faisalabad
4	October 14-15, 2014		Opportunities and Challenges of Maize Production	University of Agriculture, Faisalabad
5	October 24-27, 2013		Rabi festival	University of Agriculture, Faisalabad
6	May 24, 2014		Workshop on scientific writing	University of Agriculture, Faisalabad

7	March 18-21, 2007	International workshop on allelopathy. Current trends and future applications	University of Agriculture, Faisalabad
8	June 5-10, 2006	Workshop on applied multivariate statistical techniques using different statistical packages	University of Agriculture, Faisalabad
9	February 7-9, 2005	Awareness workshop for familiarization of teachers on farmer field school	Pakistan Agricultural Research Council NARC Islamabad
10	June 22-25, 2005	Workshop on advanced biometric techniques for agricultural research in Pakistan	University of Agriculture, Faisalabad
11	December 12, 2002	Teachers training workshop	University of Agriculture, Faisalabad

ABSTRACTS IN THE SCIENTIFIC PROCEEDINGS AND SEMINARS:

S. No.	Title	Year	Details
1	Extenuating the salinity stress by the foliar application of silicon in spring maize (<i>Zea mays</i> L.). Shakeel Ahmad Anjum*, Nadeem Akbar , Aftab Aslam, Shahid Nazeer, Bushra Safdar and Muhammad Ahsan.	May, 29-31-2023	In Abstracts, International conference on Sustainable Food Security Solutions, at University of Agriculture Faisalabad, Pakistan.
2	Effect of foliar application of gibberellic acid on yield and yield components of maize under different water regimes. Shakeel Ahmad Anjum*, Nadeem Akbar , Muhammad Wasi Sherazi, Shahid Nazeer, Muhammad Ahsan and Bushra Safdar.	May, 29-31-2023	In Abstracts, International conference on Sustainable Food Security Solutions, at University of Agriculture Faisalabad, Pakistan.
3	Studying the dynamics of mulch and different nitrogen levels on productivity of spring maize (<i>Zeamays</i> L.). Shakeel Ahmad Anjum*, Nadeem Akbar , Muhammad Azeem, Shahid Nazeer, Muhammad Ahsan and Bushra Safdar.	May, 29-31-2023	In Abstracts, International conference on Sustainable Food Security Solutions, at University of Agriculture Faisalabad, Pakistan.
4	Effect of foliar application of manitol on growth and yield of maize under different water regimes. Nadeem Akbar* , Shakeel Ahmad Anjum, Muhammad Arshad Javed, Bushra Safdar, Shahid Nazeer, and Muhammad Ahsan.	May, 29-31-2023	In Abstracts, International conference on Sustainable Food Security Solutions, at University of Agriculture Faisalabad, Pakistan.

5	Effect of nitrogen level and plant density on maize (<i>Zea mays</i> L.) phenology and grain yield. Nadeem Akbar* , Shakeel Ahmad Anjum, Aqsa Hayat, Shahid Nazeer, Bushra Safdar and Muhammad Ahsan.	May, 29-31-2023	In Abstracts, International conference on Sustainable Food Security Solutions, at University of Agriculture Faisalabad, Pakistan.
6	Nitrogen management strategies under different irrigation regimes in direct seeded rice. Nadeem Akbar* , Shakeel Ahmad Anjum, Muhammad Ahsan, Shahid Nazeer and Shawaiz Iqbal.	May, 29-31-2023	In Abstracts, International conference on Sustainable Food Security Solutions, at University of Agriculture Faisalabad, Pakistan.
7	Effect of different water saving techniques and mechanization on yield and quality of basmati rice. Nadeem Akbar* , Shakeel Ahmad Anjum, Muhammad Umar Wasim, Shahid Nazeer and Muhammad Nadeem Saleem.	May, 29-31-2023	In Abstracts, International conference on Sustainable Food Security Solutions, at University of Agriculture Faisalabad, Pakistan.
8	Management opportunities for effective mitigation of green house gas emission and sustainable rice production in the changing climatic condition. Ahsan Mubarak, Nadeem Akbar , Shahid Nazeer and Muhammad Sajjad	February, 15 2023	International conference COP27 CLIMATE CHANGE AND FOOD SECURITY (ICCC & FS-2023)
9	Management strategies for improving nitrogen use efficiency in rice production to mitigate the impact of climate change. Shahid Nazeer, Nadeem Akbar, Muhammad Sajjad, Laiba Tanveer, Huma Anwar and Muhammad Asif	February, 15 2023	International conference COP27 CLIMATE CHANGE AND FOOD SECURITY (ICCC & FS-2023)
10	Evaluation of resource conservation techniques for rice production system in Pakistan. Nadeem Akbar, Muhammad Ishfaq, Junaid Nawaz Chaudhary and Ahmad Waqas.	November, 7-9, 2022	International conference on climate change impact and solution PARB.
11	Response of wheat to different levels of potassium and planting geometry. N. Akbar , M. Ishfaq, A. Iqbal, S. A. Anjum, N. Manzoor and M. Imran.	Dec, 8-10-2016	Abstract published in Conference on Sustainable Crop and Animal production system. University of Haripur, Haripur, Pakistan.
12	Impact of combine use of chemical and organic fertilizers on maize (<i>Zea mays</i> L.) productivity. Haroon Zaman Khan, Shahid Iqbal, Nadeem Akbar , Muhammad Farrukh Saleem, Asif Iqbal and Muhammad Ashfaq Wahid.	Nov, 2-5, 2014	Abstract published in ASA-CSSA-SSSA international annual meeting 'Grand challenges, great solution' held at Long Beach, CA, USA.
13	A step towards the sustainable wheat production with integrated nutrient management strategies. M. Amin, H.Z. Khan, S.I. qbal, N. Akbar , M. Aslam, A. Iqbal, M.R. Shahzad.	Sep, 09-11-2014	Abstract published in 5 th Int. Conference on Agriculture Food Security and Climate Change, University of Poonch, Rawalakt & PAS-Forum.
14	Impact of biochar on the performance of different nitrogen fertilizer sources for spring maize (<i>Zea mays</i> L.). H. Z. Khan, A. wahid, N. Akbar , A. Iqbal, A. Fareed, A. Basit, A. Umar and M. Amin.	March 24-27, 2014	Abstract published in International workshop on Biochar in Pakistan.
15	Maize (<i>Zea mays</i> L.) productivity as affected by different combinations of biochar, poultry manure and urea fertilizer. H. Z. Khan, A. Basit, N. Akbar , A. Iqbal, M. Amin, A. Freed and A. Wahid.	March 24-27, 2014	Abstract published in International workshop on Biochar in Pakistan.

16	Effect of different rates of biochar on production potential of spring maize (<i>Zea mays</i> L.). H. Z. Khan, A. Umar, N. Akbar , A. Iqbal, A. Wahid, A. Basit and M. Amin.	March 24-27, 2014	Abstract published in International workshop on Biochar in Pakistan.
17	Role of biochar in enhancing nitrogen use efficiency (NUE) in spring maize (<i>Zea mays</i> L.). H. Z. Khan, A. Fareed, N. Akbar , A. Iqbal, A. Wahid, M. Amin, A. Basit and A. Umar.	March 24-27, 2014	Abstract published in International workshop on Biochar in Pakistan.

RESEARCH PAPERS PUBLISHED:

- 1) Junaid Nawaz Chauhdary, Hong Li, **Nadeem Akbar**, Maria javeed, Muhammad Rizwan, Muhammad Akhlaq. 2024. Evaluating Corn Production under Different Plant Spacing Through Integrated Modeling Approach and simulating its future Response under Climate Change scenarios. Agricultural water management
- 2) Saleem Ashraf, Khalid Mehmood Ch., Ijaz Ashraf & **Nadeem Akbar**. 2024. A phenomenological inquiry into farmers experience growing cotton in punjab, Pakistan. Scientific reports
- 3) Junaid nawaz chauhdary, Hong li, Ragab ragab, Md Raki buzzaman, Azeem Iqbal Khan, Jing zhao and **Nadeem Akbar**. 2024. Climate change impacts on future wheat yield, growth periods and irrigation requirements: a saltmed modul stimulation analysis. Agronomy
- 4) Shahid Iqbal, Muhammad atiq, Shahbaz Talib Sahi, **Nadeem Akbar**, Nasir Ahmed Rajput. 2024. Progressive alterations in minerals contents in citrus genotypes toward *alternaria citri* causing brown spots of citrus. PLOS ONE
- 5) Muhammad Nadeem Saleem, Shakeel Ahmad Anjum, **Nadeem Akbar** and Hafiz Naeem Asghar. 2024. Influence of green manuring sesbania and cluster bean on wheat yields in diverse tillage conditions within rice-wheat cropping systems. Pakistan journal of Agricultural Science
- 6) Muhammad Kaleem Sarwar, Imran ul haq, Siddra Ijaz, Nazir Jvid and **Nadeem Akbar**. 2024. Molecular analytical approaches based charactrization of aflatoxin producing *aspetillus* spp. Effecting groundnut. Pakistan journal of Agricultural Science
- 7) Saleem Ashraf, Khalid Mahmood Ch, IjazAshraf1 and **Nadeem Akbar**. 2024. A phenomenological inquiry into farmers' experiences growing cotton in Punjab, Pakistan. 14: 13846 | <https://doi.org/10.1038/s41598-024-62950-y>
- 8) Iqbal S, Atiq M, Sahi ST, **Akbar N**, Rajput NA. 2024. Progressive alterations in mineral contents in citrus genotypes toward *Alternaria citri* causing brown spot of citrus. PLoS ONE 19(7): e0306031. <https://doi.org/10.1371/journal.pone.0306031>
- 9) Chauhdary, J.N.; Li, H.; Ragab, R.; Rakibuzzaman, M.; Khan, A.I.; Zhao, J.; **Akbar, N.** 2024. Climate Change Impacts on Future Wheat (*Triticum aestivum*) Yield, Growth Periods and Irrigation Requirements: A SALTMED Model Simulations Analysis. Agronomy, 14, 1484. <https://doi.org/10.3390/agronomy14071484>
- 10) Telha H. Rehman, Mark E. Lundy, Andre Froes de Borja Reis, **Nadeem Akbar** and Bruce A. Linqvist. 2023. Reflectance Measurements from Aerial and Proximal Sensors Provide Similar Precision in Predicting the Rice Yield Response to Mid-Season N Applications. Sensors 2023, 23, 6218. <https://doi.org/10.3390/s23136218>. (IF: 3.84)
- 11) Saleem Ashraf, Khalid Mehmood Ch., Ijaz Ashraf*, **Nadeem Akbar**. 2023. Farmers' Perception of Climatic and Inputs Factor's Role in Cotton Production Decline in Cotton Zone of Punjab. Journal of Phytobiology - 03 (01) 2023. 29-34.
- 12) Muhammad Shoaib*, Khalid Mahmood Ch., Ijaz Ashraf, **Nadeem Akbar**. 2023. FARMERS' KNOWLEDGE REGARDING SAFE HANDLING AND APPLICATION OF PESTICIDES IN RICE CROP. Int. J. Agr. Ext. 11 (03) 2023. 339-345.
- 13) Amina Arshad, Shahbaz Talib Sahi, Kamran Saleem, Safdar Ali and **Nadeem Akbar**. 2022. Evaluation of different fungicides against rhizoctonia salani the cause of sheath blight disease of rice. Journal of Xi' an shiyou University, natural science Edition. (IF: 0.4)

- 14) Amina Arshad, Shahbaz Talib Sahi, Kamran Saleem, Safdar Ali and **Nadeem Akbar**. 2022. Identification of resistance source in diverse rice germplasm against sheath blight disease caused by (*Rhizoctonia solani*). Plant cell biotechnology and molecular biology. (0.39)
- 15) Batool, Z., M. Ishfaq, **N. Akbar**, U. Zulfiqar, S.A. Anjum, M. Shafiq, S. Nazir, A. Aziz. 2022. Exogenous application of Atonik (sodium nitrophenolate) under skip irrigation regimes modulated the physiology, growth and productivity of Zea mays L. Archives of Agronomy and Soil Science. <https://doi.org/10.1080/03650340.2022.2152011>. (IF: 3.949)
- 16) Murtza, K., M. Ishfaq, **N. Akbar**, S. Hussain, S.A. Anjum, N.A. Bukhari, A.M. AlGarawi, A.A. Hatamleh. 2022. Effect of Mepiquat Chloride on Phenology, Yield and Quality of Cotton as a Function of Application Time Using Different Sowing Techniques. Agronomy. 12: 1200. <https://doi.org/10.3390/agronomy12051200> (IF: 3.949)
- 17) Ishfaq M., **N. Akbar**, U. Zulfiqar, N. Ali, F. Shah, S.A. Anjum, M. Farooq. 2021. Economic assessment of water-saving irrigation management techniques and continuous flooded irrigation in different rice production systems. Paddy and Water Environment. <https://doi.org/10.1007/s10333-021-00871-6> (IF: 1.517)
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NATIONAL PROCEEDINGS:

S.NO.	YEAR	TITLE	NAME OF PUBLISHER & ADDRESS
1.	2015	Seminar on “Climate change and food security: The emerging issue and possible solutions”	Organized by AgMIP in collaboration with PMD & WEF on October 16, 2015 at university of Agriculture Faisalabad.
2.	2015	International seminar on risk management in Agriculture	Organized by AgMIP-pakistan on November 28, 2015 at university of Agriculture Faisalabad.
3.	2015	Participated in “A grant writing training workshop”	On June 1, 2015 at university of Agriculture Faisalabad.
4.	2015	DICE-2015 Mega Innovation and Entrepreneurship Event	November 24, 2015 at University of Agriculture, Faisalabad.
5.	2015	International workshop on bio-fortification of staple crops: a solution to combat malnutrition	March 29-31, 2015 at university of Agriculture Faisalabad.

6.	2011	Effect of intercropping legumes in different geometrical arrangement on growth, yield and quality of sorghum (<i>Sorghum bicolor</i> L.)	International seminar on “crop management” issues and options. June 01-02, 2011. University of Agriculture, Faisalabad.
7.	2011	Response of different varieties of maize (<i>Zea mays</i> L.) to various levels of nitrogen.	International seminar on “crop management” issues and options. June 01-02, 2011. university of Agriculture, Faisalabad
8.	2011	Comparative study on forage yield and quality of different Oat (<i>Avena sativa</i> L.) varieties under agro-ecological conditions of Faisalabad.	International seminar on “crop management” issues and options. June 01-02, 2011. university of Agriculture, Faisalabad
9.	2009	Effect of different rates of manures on spring planted maize (<i>Zea mays</i> L.).	Published in int. conference on sustainable food grain production, Challenges and opportunities. October, 26-27, 2009. University of Agriculture, Faisalabad. Page No. 53
10.	2009	Integrated nutrient management for sustainable maize production.	Published in int. conference on sustainable food grain production, Challenges and opportunities. October, 26-27, 2009. University of Agriculture, Faisalabad. Page No. 55

INTERNATIONAL PROCEEDINGS:

S.NO.	YEAR	TITLE	NAME OF PUBLISHER & ADDRESS
1	2010	Performance of spring maize under integrated nitrogen management.	Published in the proceeding of ASA, CSSA and SSSA, 2010. International Annual meeting, Oct, 31 to Nov, 4, Long Beach, CA on green revolution 2.0: Food + Energy and environmental society, America
2	2023	Exploration of Good Research and Development Approach for Improvement of Agricultural Productivity of Pakistan	Foreign training/fellowship program organized by Korea International Cooperation Agency (KOICA) and NICEM, Seoul National University under the International Cooperation

			Program of the Government of Korea. 15-07-2023 to 28-07-2023
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BOOK/BOOK CHAPTER PUBLISHED:

S.N O.	YEAR	TITLE OF BOOK/BOOK CHAPTER	NAME OF PUBLISHER & ADDRESS
1.	2016	Direct seeding of rice “New option in rice-wheat cropping system of Punjab Pakistan”	INTECH open science Open mind in book INTECH-rice-technology and production. ISBN-978-953-51-52002
2.	2009	Sugarcane Cultivation	University of Agriculture, Faisalabad
3.	2023	Climate Change and Social Concerns	Springer. https://doi.org/10.1007/978-3-031-26692-8

ENGLISH /URDU ARTICLES PUBLISHED:

1. **Nadeem Akbar**, Umar Daraz, Junaid Nawaz, Ahmad Waqas and Mubashar Hussain. Sesame Sowing. (Zarai Digest, UAF June 2022)
2. **Nadeem Akbar**, Imran Khan, Abdul Jabbar, M. Umar Chatha and Hafiz Naveed Aslam. New Techniques for save storage wheat straw. (Zarai Digest, UAF January, 2022)
3. Ahmad Waqas, **Nadeem Akbar**, Umar Daraz, Junaid Nawaz and Mubashar Hussain. Growing of vegetables in hydroponic. (Zarai Digest, UAF March, 2022)
4. Nazer Manzoor, Shakeel Ahmad Anjum, **Nadeem Akbar**, Iftikhar Ali, Abdul Shakoore. 2016. Role of plant population for crop productivity. Agrihunt. Published on 21 october, 2016.
5. Nazer Manzoor, **Nadeem Akbar**, Shakeel Ahmad Anjum, Imran Khan, Iftikhar Ali. 2016. Land degradation a challenge to modern agriculture. Technology Times Volume 07, Issue 28.
6. **Dr. Nadeem Akbar**, Muhammad Waseem Abbas, Muhammad Ishfaq, Ali Zohaib. 2016. Role of agricultural biotechnology in food security. Technology Times Volume 07, Issue 26.
7. Ali Raza Asif, Dr. Shakeel Ahmad Anjum, **Dr. Nadeem Akbar**, Dr. Imran Khan, Iftikhar Ali. 2016. Water Conservation in the Pakistan. Agrihunt. Published on 18 July, 2016.
8. Shakeel Ahmad Anjum, Sadaf Zahra, **Dr. Nadeem Akbar**, Iftikhar Ali, Abdul Shakoore. 2016. Floods: A menace to Pakistan Agriculture. Technology Times Volume 07, Issue 28.
9. Nazer Manzoor, **Dr. Nadeem Akbar**, Dr. Shakeel Ahmad Anjum, Muhammad Ishfaq. 2016. Bio fortification: To Overcome Malnutrition. Agrihunt. Published on 4 April 2016.
10. Usman Nazir, Shakeel Ahmad Anjum, **Dr. Nadeem Akbar**, Imran Khan, Ayesha Farooq. 2016. Bioremediation of waste water and its utilization. Agrihunt. Published on 4 April 2016.
11. **Dr. Nadeem Akbar**, Shakeel Ur Rehman, Dr. Shakeel Ahmad Anjum, Usman Nazir. 2016. Constraints in adoption of direct seeding rice. Agrihunt. Published on 10 May, 2016.

12. Dr. Shakeel Ahmad Anjum, **Dr. Nadeem Akbar**, Sadaf Zahra, Usman Nazir. 2016. Control of rice weeds. April, 2016. Quarterly Zarai Digest, University of Agriculture, Faisalabad.
13. **Dr. Nadeem Akbar**, Dr. Shakeel Ahmad Anjum, Muhammad Waseem Abbas, Nazer Manzoor, Muhammad Aamer. 2015-16. Ratoon crop, management of sugarcane. October 2015-March 2016. Quarterly Zarai Digest, University of Agriculture, Faisalabad.
14. Usman Nazir, Dr. Shakeel Ahmad Anjum, **Dr. Nadeem Akbar**, Ayesha Farooq. 2015-16. Cultivation of BT cotton in Pakistan. October 2015-March 2016. Quarterly Zarai Digest, University of Agriculture, Faisalabad.
15. **Dr. Nadeem Akbar**, Muhammad Ishfaq, Dr. Shakeel Ahmad Anjum, Dr. Imran Khan, Nazer Manzoor. 2015-16. Sowing of rice through drill seeding. October 2015-March 2016. Quarterly Zarai Digest, University of Agriculture, Faisalabad.
16. **Nadeem Akbar**, Dr. Ehsanullah Chahal. Production of Rice (Zarai digest june 2005, UAF)
17. **Dr. Nadeem Akbar**. Recommendations for profitable production of sugarcane (Zarai digest, September, 2005).
18. Role of Silicon on spring maize Zarai Digest, July, 2013. **Nadeem Akbar**, Ehsanullah, Asif Iqbal, Haroon Zaman Kan, Safdar Hussain.
19. Increasing the green fodder production with growing Mott grass. (Kissan time, February, 2012).
20. Comparative analysis of organic and inorganic fertilizers. (Zarai Digest, January, 2013. University of Agriculture, Faisalabad.
21. Wheat sowing on Zero tillage. (Kissan time, September, 2011).
22. Importance of fertilizers for enhancing maize production. (Zari digest, January, 2012)
23. Forage maize- legume intercropping technology (The Nation, Saturday, Feb 4, 2006).
24. **Nadeem Akbar**. Direct seeding of rice (Dawn, Wednesday 15 june, 2005)
25. Improving the yield of sugarcane through balance use of fertilize (Zari digest, September, 2001)
26. Increasing the hybrid millet fodder yield and quality through different doses of nitrogen and harvesting interval. (Kissan time, April, 2012)
27. Increasing the forage yield of maize through the balanced use of fertilizer and seed rate. (Zari digest, December, 2007)
28. Moringa kay karishmati asrat. Zarai Digest, July, 2014. University of Agriculture, Faisalabad.
29. Brassica murakabat say gundam ke zaida padwar ka hasool. Zarai Digest, October, 2014. University of Agriculture, Faisalabad.
30. Kharif fodders. Zari digest. April, 2016.
31. Role of Zn in increasing maize yield. Zari digest, Festival No. 2009
32. Effect of organic and inorganic fertilizer on maize fodder. Zari digest. 2013

Projects completed

Sr. #	Title of Project	Initiation date	Completion date	Amount awarded (Millions)	Funding source
1	Direct seeding of rice, a new option in rice-wheat cropping system of central Punjab	2014	2016	1.531 Million	Endowment Fund Secretariat

2	Dissemination of rice direct seeding, a resource conservation and environment-friendly production system.	2017	2017	0.940 Million	SIOP-HEC
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