

CURRICULUM VITAE

Prof. Dr. Manzoor Ali ABRO (Gold Medalist)
Dean Faculty of Crop Protection,
Sindh Agriculture University Tandojam 70060 Pakistan
Ph. D Plant Pathology INRA France (Number 1 Institute in Europe)
Post-doctorate awarded by Chinese Academy of Sciences (CAS) Beijing,
China (Number 1 Science Academy in the World)
Impact factor of Publications: **26.44**
Research areas: Biocontrol, Management of Plant Diseases.
Cell : + 92-333-7136569



Father's Name:	Muhammed Saffar												
Surname:	Abro												
Date Of Birth	01-01-1975												
C.N.I.C. No & Email.:	43201-1863987-7 mabro@sau.edu.pk mmanzoorabro@hotmail.com												
Present Position:	Dean Faculty of Crop Protection 10 th May 2022-Till to Date Singh Agriculture University Tandojam.												
Address:	Office Dean Faculty of Crop Protection Singh Agriculture University Tandojam. Home. Bungalow No. B-50, Block -B Liaqat Town Tandojam												
Educational Qualification:	<table border="1"><tr><td>i.</td><td>Matriculation from B.I.S.E., Sukkur, Sindh Pakistan. In 1st class (1991) Secured 62.55% marks</td></tr><tr><td>ii</td><td>Intermediate from B.I.S.E., Sukkur, Sindh Pakistan. In 1st class (1993) Secured 66.55% marks</td></tr><tr><td>iii</td><td>B.Sc. (Agri.) Hons in Plant Pathology from Sindh Agriculture University Tandojam, Pakistan in 1st Class 1st Position (1999) Secured 83.52% marks. (Gold medalist)</td></tr><tr><td>iv</td><td>M.Sc. (Agri.) Hons in Plant Pathology from Sindh Agriculture University Tandojam, Pakistan in 1st Class 1st Position (2001) Secured 85.33% marks. (Gold medalist)</td></tr><tr><td>V</td><td>MS in Plant Pathology from INRA Avignon FRANCE (2009).</td></tr><tr><td>vi.</td><td>PhD in Plant Pathology from INRA Avignon FRANCE (2013).</td></tr></table>	i.	Matriculation from B.I.S.E., Sukkur, Sindh Pakistan. In 1 st class (1991) Secured 62.55% marks	ii	Intermediate from B.I.S.E., Sukkur, Sindh Pakistan. In 1 st class (1993) Secured 66.55% marks	iii	B.Sc. (Agri.) Hons in Plant Pathology from Sindh Agriculture University Tandojam, Pakistan in 1 st Class 1 st Position (1999) Secured 83.52% marks. (Gold medalist)	iv	M.Sc. (Agri.) Hons in Plant Pathology from Sindh Agriculture University Tandojam, Pakistan in 1 st Class 1 st Position (2001) Secured 85.33% marks. (Gold medalist)	V	MS in Plant Pathology from INRA Avignon FRANCE (2009).	vi.	PhD in Plant Pathology from INRA Avignon FRANCE (2013).
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vi.	PhD in Plant Pathology from INRA Avignon FRANCE (2013).												

		Number 1 Institute in Europe
	Vii	Post Doctorate in Plant Pathology from CAS Beijing, CHINA (2017) Number 1 Science Academy in the World

Academic/Teaching Experience & Responsibilities:	i	Lecturer (BPS-17) Dept. of Plant Pathology Faculty of Crop Protection Sindh Agriculture University, Tandojam from 27th Oct. 2002 to May: 2007.
	ii	Lecturer (BPS-18) Dept. of Plant Pathology Faculty of Crop Protection Sindh Agriculture University, Tandojam from Jan. 2007 to June 2011
	iii	Assistant Professor (BPS-19) Dept. of Plant Pathology, Faculty of Crop Protection Sindh Agriculture University, Tandojam from June 2011 to Nov. 2015
	iv.	Associate Professor (BPS-20) Dept. of Plant Pathology, Faculty of Crop Protection Sindh Agriculture University, Tandojam from Nov. 2015 to 15-02. 2017
	v	Professor (BPS-21) Dept. of Plant Pathology, Faculty of Crop Protection Sindh Agriculture University, Tandojam from 16-02-2017- till to date.
Educational Administration		Dean Faculty of Crop Protection Singh Agriculture University Tandojam 10-05-2023 till to date
	I	Head of Department (Chairman) Dept. of Plant Pathology, Faculty of Crop Protection Singh Agriculture University Tandojam 11-12-2015 -June 2023
	II	Chairman, Departmental Board of Studies from 2015-till to date
	III	Member, Faculty Board of Studies, Faculty of Crop Protection, SAU, Tandojam from 2012-till to date.
	VI	Member Teachers and Students Organization for the Faculty of Crop Protection, Sindh Agriculture University, Tandojam from 2014 till to date.
	VI	Member book fair committee, FCPT 2015
	VII	Coordinator, Postgraduate Programs, Faculty of Crop Protection From 12- 7-2014 to August 2020.
	VIII	Member National Curriculum Revised Committee in Plant Pathology, HEC. 2014.

	VIII	Member, Departmental Board of Studies, Lasbela University of Agriculture and marine Sciences, Uthal, Balochistan for two years i.e. 2014-till to date.
Research Projects awarded		
1. Principal Investigator		3 years research project entitled "Development of microbial bio-products for sustainable eco-friendly management of wilt diseases of vegetables in Pakistan" of Rs. 6.30 million sponsored by Higher Education commission (HEC)Islamabad from Feb. 2022-2024. (14400)
2. Principal Investigator		Working in a research project entitled "Isolation of Rhizobacteria from soil and their antifungal activity against <i>Helminthosporium oryzae</i> " of Rs. 0.5 million sponsored by Higher Education Commission of Pakistan, Islamabad from June 2020 till date.
3. Principal Investigator		Working as focal person in the project entitled" Establishment of molecular plant pathology laboratory at department of plant Pathology, Faculty of crop Protection, Sindh Agriculture university Tandojam" funded by Sindh Higher Education Commission, Karachi of Rs. 5 million awarded in Feb.2022
4. Research Fellow		Three years in a research project entitled "Integrated control of <i>Botrytis cinera</i> of tomato" of EUROS 1 million sponsored by INRA FRANCE.
5. Research Fellow		Worked for one year in a research project entitled "Fungal Endophytes in China" of RMB. 1 million sponsored by Chinese Academy of Sciences, Beijing China in 2016-2017
International academic exposure/trainings:	I.	One year training as Visiting scientist at Chinese Academy of Sciences (CAS) (2016-2017) at Beijing, China.
	II.	Training program on Wheat Rust Methodology (March 2003) organized by Pakistan Agricultural Research Council and Wheat Research Institute Sakrand.
	III.	Workshop on use of different data bases for searching references (April 2010) organized by University of Avignon, France.
	IV.	Training workshop on use of Endnote and Zoetero for bibliography (March 2011) organized by University of Avignon, France
	V.	Training on "Application of Statistical Techniques in Agriculture" (November 2011) organized by University of Avignon, France
	VI.	Computer Training, MS Word, MS Office, MS Excel, and MS Power point organized by Information Technology Centre, SAU., Tandojam 2003.
	VII.	Three weeks training workshop on "Strategies for publication writing and project management" (March 2012) organized by Institute National de la Recherche Agronomique, (INRA) Avignon France.
	VIII	Training on A PS i mage a nalysis S oftware (A s s e s s 2 . 0) f o r p l a n t d i s e a s e q u a n t i f i c a t i o n " (O c t o b e r 2 0 1 2)

		organized by Institute National de la Recherche Agronomiques, (INRA) Avignon France.
Membership in societies:		
	I	Member Pakistan Phytopathological Society
	II	Member French Phytopathological Society
	III	Pakistan Botanical Society Karachi, Pakistan.
	IV	Member Nematological Society of Pakistan
	V	Member Pakistan Weed Science
	VII	Member American Phytopathological Society

Administrative Experience/Post(s) & Responsibilities held.

S. No.	Post	Academic Position held	Organization/University	Duration		Experience (In Years & Months)
				From (Date)	To (Date)	
1	Dean/ Director /Head of a PG institute	Dean	Faculty of Crop Protection Sindh Agriculture University Tandojam	10/05/2022	Till to date	1 year Six Months
2	Head of the Department	Chairman	Department of Plant Pathology	10/12/2015	Till to date	08 years
3	Chairman, Board of Studies	Chairman	Department of Plant Pathology	11/12/2015	Till to date	08 years
5.	Members, Board of Studies	Member	Faculty of Crop Protection	08 years	Till to date	08 years
6	Faculty Board of studies	Chairman	Faculty of Crop Protection	10/05/2022	Till to date	1 year Six Months
7	Members of Academic Council	Member	Sindh Agriculture University Tando Jam	11/12/2015	Till to date	08 years
8	Members of Executive Council	Senator	Sindh Agriculture University Tando Jam	11/20/2015	Till to date	08 years
9	Members of Professional/ Academic Bodies	Member Departmental Board of Studies,	Lasbela University of Agriculture and marine Sciences, Uthal, Balochistan	2014	Till to date	9 years
10	Others (Specify)					
	Residential allotment committee	Chairman	Sindh Agriculture University Tando Jam	3/01/2023	Till to date	09 months
	Finance & Planning committee	Member	Sindh Agriculture University Tando Jam	10/05/2023	Till to date	1 year 06 months
	Student Affairs	Member	Sindh Agriculture University Tando Jam	03/10/2014	02/01/2016	2 years
	Discipline Committee	Chairman	Sindh Agriculture University Tando Jam	07/04/2023	Till to date	1 year
	Selection Committee of undergraduate students	Member	Sindh Agriculture University Tando Jam	Nov. 2020	Till to date	3 years

Contribution to Journals and Books

	Details
Books authored	Book Chapter on "Biocontrol of Vascular wilts with Endophytic fungi" in press.
Editor-in-Chief	Journal of Applied Research in Plant Sciences
Editorships	Pak. J. Agri., Agril. Engg. & Vet. Sci.
Peer reviewer for journals	Frontiers in Agricultural Sciences and Technology

Participation and contribution in National/International Fora in the area of your academic and professional expertise

		Numbers
Plenary lectures/Invited talks	International	02
	National	04
Congresses attended	International	05
	National	10
Examiner ship etc. (Doctoral & others)	International	N/A
	National	2
Others (Specify) Chair conference section	International	1
	National	2

Honors/Awards & fellowships for outstanding work

1. Received Chancellor's Gold medal for securing the 1st class first position in B. Sc (Agri.) Hons at University level (1999).
2. Higher Education Commission (HEC) Pakistan awarded master's leading to Ph. D Scholarship for FRANCE 2008.
3. Editor-in-Chief Journal of Applied Research in Plant Sciences Jan. 2020-till to date
4. Editor, Frontiers in Agricultural Sciences and Technology
5. Editor, Pak. J. Agri., Agril. Engg. & Vet. Sci. Faculty of Crop Protection (2014-2015)
6. Coordinator Postgraduate Programs Faculty of Crop Protection SAU Tandojam (2014-to- 2020)
7. Chairman Department of Plant Pathology FCPT, SAU Tandojam since Oct. 2012- till to date
8. Chinese Academy of Sciences (CAS) Beijing, awarded "VISITING SCIENTIST" Fellowship for 2016-2017

Title of Ph. D thesis:

- Nitrogen fertilization of the host plant influences susceptibility, production and aggressiveness of secondary inoculum produced by *Botrytis cinerea* on tomato.
Supervised 27 M.Sc. Students in their thesis work.
Co-Supervised 30 M.Sc. Students in their thesis work
Supervised 4 PhD Students in their thesis work.

Research experience and skills

- Skills in conducting experiments in greenhouse & in commercial conditions for tomato & lettuce using appropriate experimental designs.
- Fungal identification/diagnosis by classical and molecular-based methods, studies on disease etiology and epidemiology especially *Botrytis*, *Oidium* & *Sclerotinia*
- Plant nutrient assessment (minerals, sugars, & amino acids) by using classical and advanced methods
- Plants secondary metabolites assessment after inoculation of the pathogens by advanced techniques
- Skills in molecular biology: Basic and advanced skills used in mycology.
- Statistical analysis: ANOVA, GLM, Correlation analysis, Regression analysis etc.
- User of Endnote, Zoetero, Web of knowledge etc

- Project management and grant writing
- Strategies for publication writing
- A P S i mage a nalysis S oftware (A s s e s s 2 . 0) f o r plant disease quantification.
- Simple light and fluorescent microscopy.

International Conferences and Symposia attended, and papers presented:

1. **Abro M. A.**, Lecompte F., Duffaud M., Nicot P.C. Surprising effect of nitrogen nutrition regimes on the development of *Botrytis cinerea* and *Sclerotinia sclerotiorum* on lettuce plants. 2012 10^{èmes} Rencontres de Phytopathologie/Mycologie 2012/01/20-24, Aussois FRANCE
2. **Abro M. A.**, Lecompte F., Bardin M., Duffaud M., Nicot P.C. Enhancement of biocontrol efficacy against *Botrytis cinerea* through the manipulation of nitrogen fertilization of tomato plants. Biocontrol of plant pathogens in sustainable agriculture. 2012/06/25-27, Reims FRANCE 68 p.
3. Philippe C. Nicot, **Manzoor Ali Abro**, Magali Duffaud, François Lecompte and Benoit Jeannequin. Manipulating nitrogen fertilization for the management of diseases in the tomato greenhouse: what perspectives for IPM? Integrated Control in Protected Crops, Mediterranean Climate ITALY IOBC-WPRS Bulletin Vol. 80, 2012. pp. 333-338
4. F. Lecompte, **M. A. Abro**, P. C Nicot. Contrasted responses of *Botrytis cinerea* isolates developing on tomato plants grown under different nitrogen nutrition regimes XV International Botrytis Symposium. 2010/30th May-4th June. Cadiz, SPAIN.

Publications in HEC recognized/ Peer-Reviewed Journals after 2010

S.NO#	Authors Name, Title and Journal name	Journal Category & Impact Factor
Publications 2023 (Accepted)		
1.	Gao, Xuewen; Ali, Qurban; Khan, Abdur Rashid; Sheng, Tao; Rajer, Faheem Uddin; Ayaz, Muhammad; Abro, Manzoor Ali ; Gu, Qin; Wu, Huijun (2023). Antimicrobial volatile activity of <i>Bacillus</i> spp. against <i>Rhizoctonia solani</i> and <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> ", Physiologia Plantarum (Accepted)	HEC W SCI IF. 5.81
2.	Koondhar, N., Syed, R. N., Abro, M. A. , Lodhi, A. M., Khan, M. N. (2023). Phenotyping Assays for Pathogenicity Determination of <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> Tropical Race 4. International Journal of Phytopathology, (Accepted)	HEC X Scopus IF.0.18
3.	Nargis Shah; Jamal-U-Ddin Hajano; Manzoor Ali Abro ; Abdul Mubeen Lodhi (2023) Evaluation of planting time in field conditions to reduce the risk of cotton leaf curl disease Egyptian Journal of Biological Pest Control International Journal of Phytopathology (Accepted)	HEC X Scopus IF.0.18
Publications 2023 (Published)		
4.	Manzoor Ali Abro , Ghulam Hussain Jatoi, Jamal-U-Ddin Hajano, Khadim Hussain Wagan, , Gul Shahla Karim Baloch, Bahar Poussio and Shahbaz Ali Talpur, (2023) Novel studies on prevalence of leaf spot disease of banana and its chemical control in lower Sindh, Pakistan, Journal of Agriculture and Veterinary Science, 2(2), 97-106	HEC Y
5.	Abro, S. A., Abro, M. A. , Kapri, J. H., Ali, H., Tunio, S., Ahmed, N., & Ali, M. (2023). Extraction and Utilization of Banana Pseudostem Sap As Liquid Fertilizer On Onion (<i>Allium Cepa</i> L). Pakistan Journal of Biotechnology, 20(02), 275–280.	HEC Y
6.	Imran Ali, Tanveer Hussain, Irfan Ali, Adeel Anwar, Manzoor Ali Abro , Muhammad Tahir Akram. Mehwish Liaquat, Rana Naveed Ur Rehman, Umer Habib, Muhammad Azam Khan, Ijaz Ahmed, Faheem Khadija (2023) Comparative Analysis of Physio-Chemical and Yield Characteristics of Different Watermelon (<i>Citrullus Lanatus</i> L.) F1 Hybrids Under Rainfed Conditions,	HEC Y

	Jammu Kashmir J. Agri., 03 (02) 2023. 71-77	
7.	Asad Ali Khan Khaskheli, Jamal-U-Ddin Hajano, Manzoor Ali Abro , Muhammad Ibrahim Khaskheli, Rehana Naz Syed, Ghulam Hussain Jatoi, Muhammad Sharif Khaskheli, Sunder Sham Bheermani, Suman Tarique Qazi. (2023). Triggering Systemic Resistance in Tomato Plants Using Salicylic Acid and Gibberellic Acid Against Tomato Mosaic Disease Under Greenhouse, Jammu Kashmir J. Agri., 03 (02) 2023. 107-115	HEC Y
8.	Shahla Karim Baloch, Manzor Ali Abro , Zohra Fatima Memon, Muharam Ali, Imtiyaz Ghulam Hussain Jatoi, Ahmed Khan, Allah Jurio Khaskheli, Sadaruddin Chachar, Asghar Ali Rajpar. (2023) Assessment of soma-clonal variation CP67-1026 mutant of sugarcane through morphological and molecular procedures, Plant Bulletin Vol 2, (1) 2023: 18-28	HEC Y
9.	Suman Tarique Qazi, Jamal-U-Ddin Hajano, Manzoor Ali Abro , Muhammad Ibrahim Khaskheli, Khadim Hussain Wagan, Qamaruddin Jogi, Sohail Ahmed Otho and Fahad Nazir Khoso. (2023). Intensity of papaya ring spot disease in district Hyderabad Pakistan and its management using antiviral compounds, Pure Appl. Biol., 12(2):972-980, June, 2023	HEC Y
10.	Shah, N., Hajano, J.D., Abro, M. A. , & Lodhi, A. M. (2023). Field Screening of Cotton Genotypes for Resistance to Cotton Leaf Curl Disease (CLCuD) in Sindh. International Journal of Phytopathology, 12(1), 73-86.	HEC X Scopus IF.0.18
11.	Talpur, M. S. A., Abro, M. A. , Jatoi, G. H., Marri, J. M., Poussio, G. B., Qayoom, M. M., & Shafique, S. (2023). Exploring the Effects of Plant Extracts, Biological Agents and Essential Oils on the Non-Chemical Management of Banana Leaf Spot Disease. Plant Protection, 7(2), 321-330.	HEC Y Scopus IF.0.1
Publications (2022)		
12.	Manzoor A. Abro , Ghulam H. Jatoi, Gul Bahar Poussio, Umed Ali, Naimatullah Koonddhar Isabel Milagros Gavilan Figari, Waqas Raza Arshad (2022). The efficient use of different fungal bioagents for eco-friendly management of fusarium wilt disease of tomato. Pak. J. Phytopathol., Vol. 34 (02) 2022. 103-115	HEC Y Scopus IF.
13.	Ghulam H. Jatoi, Manzoor A. Abro , Syed M. Ahmed, Laith K. Tawfeeq Al-Ani, Umed Ali, Mushtaque A. Jatoi, glsabel M. G. Figari, Jahansher Qambrani, Irfan Ahmed, Abdul S. Soomro, Naeema K. Khaskheli (2022). Preliminary selection and evaluation of fungicides and natural compounds to control grey mold disease of rose caused by botrytis cinerea. International Journal of Phytopathology 11 (01) 2022. 49-58	HEC X Scopus IF.0.18
14.	Sajjad Ali, Javed Asghar Tariq, Manzoor Ali Abro , Ghulam Hussain Jatoi, Naeem Muhammad, Imran Rauf, Raza Muhammad Memon (2022). Evaluation of incidence, some wheat lines and fungicides for their performance against leaf rust of wheat in sindh province of Pakistan. Plant Protection, 06 (03). 225-231.	HEC Y Scopus IF.0.1
15.	Tariq J. A., Ahmed. B., Abro. M. A. , Asif. M. U., Ismil. M., Memon. R. M. (2022). Antifungal and antibacterial activity of rhizobacterial microflora. Agricultural Sciences Journal. 4(2): 35-42	HEC Y
16.	Jiskani, AM; Abro, MA ; Khaskheli MI; Wagan, KH (2022). Fuzzy multicriteria analysis of "Better Cotton" farmers' adoption and experts' recommendation on cotton pest and disease management practices. Spanish Journal of Agricultural Research, Volume 20, Issue 4, e1006.	HEC X SCI IF. 0.29 Scopus IF.0.25
17.	Poussio, G. B., Abro, M. A. , Syed, R. N., Khaskheli, M. I., & Hajano, J. U. (2022). Eco-friendly management of tomato wilt disease caused by Fusarium	HEC X SCI IF. 0.39

	sp. in Sindh Province, Pakistan. <i>International journal of recycling organic waste in agriculture</i> , 11(1) , 117-129.	Scopus IF.0.68
Publications 2021		
18.	Khoso, S. I., Lakho, A. A., Abro, M. A. , Dhiloo, K. H., Wagan, K. H., Khoso, F. N., & Rizwan, S. (2021). Screening of okra varieties for resistance to okra yellow vein mosaic disease under field conditions. <i>International Journal of Phytopathology</i> , 10(1) , 37-48.	HEC Y Scopus IF.0.1
19.	Gul B. Poussio, Manzoor Ali. Abro , Rehana Naz Syed and Muhammed Ibrahim Khaskheli (2021). In-vitro chemical management of Fusarium wilt of tomato in Sindh, Pakistan. <i>International Journal on Emerging Technologies</i> . 12 (1) 162-169.	HEC Y
Publication 2020		
20.	Kakar, A. U., Abro, M. A. , Jatoi, G. H., Talpur, M. S. A., Soomro, W. A., Qazi, S., Dawood, M and Baloch. A. (2020). Evaluation of different fungicides, botanical extracts and bio-control agents against <i>Alternaria alternata</i> the causal agent of leaf spot in Spinach, <i>Pak. J. Biotechnol.</i> 17 (2):79-84	HEC Y
21.	Manzoor Ahmed Reki, Manzoor Ali Abro , Ghulam Hussain Jatoi, Munwar Ali Gadhi, Shar Muhammad and Amir Ali. (2020). Evaluation of different fungicides, botanical extracts and biocontrol agents against <i>Penicillium expansum</i> the causal agent of Blue mold of Apple. <i>Pak. J. Biotechnol.</i> 17 (1):25 – 31	HEC Y
22.	Ghulam Hussain Jatoi, Shar Muhammad, Wazir Ali Metlo, Laith Khalil Tawfeeq Al-Ani, Haseenullah, Manzoor Ali Abro , Muswar Ali Gadhi, Naveed Wahid Awan, Manzoor Ahmed Reki. (2020). Efficacy of different essential oils, fungicides and biocontrol agents against <i>Aspergillus niger</i> the causal agent of fruit rot in Pomegranate. <i>Int. J. of Biosci.</i> 16 (3):51-65 (HEC Y)	HEC Y (ISI Indexed thomson REUTERS journal list)
Publication 2019		
23.	Manzoor Ali Abro , Xiang Sun, Xingchun Li, Ghulam Hussain Jatoi and Liang-Dong Guo. (2019). Biocontrol potential of fungal endophytes against <i>Fusarium oxysporum</i> f.sp. <i>Cucumerinum</i> causing wilt in cucumber. <i>The Plant Pathol. J.</i> 35(6) 598-608	HEC W SCI IF. 2.3 Scopus IF.1.21
24.	Tariq, J.A., B. Ahmed, M.A. Abro , M. Ismail, M.U. Asif and R. Muhammad (2019). Characterization and bio-antagonistic activity of rhizobacteria against <i>Fusarium oxysporum</i> f. sp. <i>cepae</i> . <i>Pakistan Journal of Agricultural Research</i> , 32(2): 353-358	HEC X Scopus IF.0.23
25.	Wazir Ali Metlo, Ghulam Hussain Jatoi, Ghulam Sarwar Channa, Naveed Wahid Awan, Manzoor Ali Abro , Hidayatullah, Muneer Ali Bhagat, Muzamil Hussain Memon, Muhammad Ibrahim Chandio, Ayesha Siddiqua. (2019). Pathogenicity test of different fungi on date palm causing sudden decline disease of date palm (<i>Phoenix dactylifera</i> L.) in Khairpur, Pakistan, <i>Int. J. Biosci.</i> 15 (6), 89-96	HEC Y (ISI Indexed thomson REUTERS journal list)
26.	Naveed Iqbal, Fareeha Zaman, Sadaf Memon, Manzoor Ali Abro and Ghulam Hussain Jatoi. (2018). Heritability estimates in F2 segregating population in hexaploid wheat (<i>Triticum aestivum</i> L.). <i>Pak. J. Biotechnol.</i> 15(3) 803-810.	HEC Y
27.	Saeed Ahmed Abro, Ghulam Hussain Jatoi, Muswar Ali Gadhi, Kamran Ali Memon, Azhar Uddin Keerio and Manzoor Ali Abro (2019). Prevalence of Powdery Mildew of Mango in Hyderabad and its Correlation with Temperature and Humidity, <i>BioCell.</i> 43(5-1): 323-335	HEC Y (ISI Indexed thomson REUTERS journal list) Scopus IF.0.23
28.	Hassan Saeed Mengal, Manzoor Ali Abro , Ghulam Hussain Jatoi, Gul Bahar Poussio, Lubna Nawab, Nazir Ahmed, Abdul Qayyum Zehri, Ahmed Ali (2019).	HEC Y (ISI Indexed

	Efficacy of different fungicides, botanical extracts and bio-control agents against <i>Cladosporium cladosporioides</i> , the causal agent of Cladosporium rot in Grapes. Acta Ecologica Sinica. 40(4), 300-305.	thomson reuters journal list) Scopus IF.0.45
29.	Moez Ullah Khan, Manzoor Ali Abro , Ghulam Hussain Jatoi, Ahmed Ali, Mohammad Haroon Hullio, Liang Dong Guo (2019) Evaluation of different fungicides, botanical extracts and bio control agents against <i>Alternaria alternata</i> the causal agent of leaf spot in Grapes. BioCell, 43(2):1-12	HEC Y (ISI Indexed thomson reuters journal list) Scopus IF.0.23
Publication 2018		
30.	Shabana Memon, Naveed Iqbal, Fareeha Zaman, Sadaf Memon, Manzoor Ali Abro and Ghulam Hussain Jatoi. (2018). Heritability estimates in F2 segregating population in hexaploid wheat (<i>Triticum aestivum</i> L.). Pak. J. Biotechnol. 15(3) 803-810.	HEC Y
31.	Muswar Ali Gadhi , Zubair Ahmed Nizamani , Ghulam Hussain Jatoi , Manzoor Ali Abro , Azhar Uddin Keerio , Gul Bahar Poussio , Dewen Qiu. (2018) In-vitro efficacy of bio-control agent and essential oils against leaf blight of chickpea caused by <i>Alternaria alternata</i> . Acta Ecologica Sinica. 20 (2) 76-82.	HEC Y (ISI Indexed thomson reuters journal list) Scopus IF.0.45
32.	N. A. Abro, Khatri. I, M. A. Rustamani, M. A. Abro and R. Kandhro. (2018). Biodiversity of family pieridae from Tandojam Pakistan. Pak. J. Agri., Agril. Engg., Vet. Sci., 34 (2): 136-139	HEC Y
33.	Gul B. Poussio, Manzoor A. Abro , Jamal A. Hajano, Muhammad I. Khaskheli, Khalid I. Rajput, Shafique A. Memon. (2018) Potential of plant extracts and fungicides for managing <i>Fusarium oxysporum</i> f. sp <i>lycopersici</i> . Pak. J. Phytopathol. 30 (1) -75-81	HEC Y Scopus IF.0.23
34.	Shah Dad, Manzoor Ali Abro , Adnan Baloch, Ghulam Jan, Yusuf Ali Abdulle, Rehmat Ali Baloch and Muhammad Anwar (2018) <i>In-vitro</i> evaluation of selected fungicides and botanical extracts against <i>Botryodiplodia theobromae</i> , responsible for guava decline. Pak. J. Biotechnol. 15 (4) 893-897	HEC Y
35.	Ahmed Ali, Manzoor A. Abro , Rehana N. Syed, Moeezullah Khan, Hassan Saeed (2018). Effect of some essential oils on the growth and development of fruit rot of lemon caused by <i>Aspergillus niger</i> under <i>in-vitro</i> conditions. Pak. J. Phytopathol. 31 (02) .199-205	HEC Y
Publication 2017		
36.	François Lecompte, Philippe C. Nicot, Manzoor A. Abro , Astrid K. Raimbault, Félicie Lauri, and Nadia Bertin (2017). Reduced susceptibility of tomato stem to the necrotrophic fungus <i>Botrytis cinerea</i> depends on a specific adjustment of fructose content in the host sugar pool. Annals of Botany. 105: (4) pp. 1-13	HEC W SCI (ISI) IF. 4.2 Scopus IF.1.21
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41.	Ghullam Hussain Jatoi, Manzoor Ali Abro , Javad Asghar Tariq and Shabana Memon. (2016). Efficacy of selected fungicides on the linear colony growth of the <i>Helminthosporium oryzae</i> caused by brown spot disease of rice. Pak. J. Biotechnol. Vol. 13 (1) 13 -17.	HEC Y
42.	Ghullam Hussain Jatoi, Manzoor Ali Abro , Javad Asghar Tariq and Shabana Memon. (2016). Screening of potential bacterial bio-control agents against the <i>Helminthosporium oryzae</i> in-vitro conditions caused by brown spot of rice. Pak. J. Biotechnol. Vol. 13 (1) 95-100.	HEC Y
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Publication 2015		
46.	Abdul Salam Mengal, Manzoor Ali Abro , Abd-Ur-Rehman Khalid, Sajjad Ahmed Maari, Ghullam Hussain Jatoi, Sohail Iqbal. (2015). Evaluation of different botanical extracts on the linear colony growth of the fungus Fusarium wilt of mango nursery and its in-vitro control. European Journal of Biotechnology and Bioscience. 3; 11; 07-14	HEC Y
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56.	Manzoor Ali Abro , Rehana Naz Syed, Annela Yasmin, Shoukat Abro, Ashok Kumar and Philippe C. Nicot (2014). Different nitrogen fertilization regimes influences the susceptibility of lettuce plants to <i>Botrytis cinerea</i> and <i>Sclerotinia sclerotium</i> . Sci. Int. (Lahore), 26 (1) 325-329.	HEC Y
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59.	Manzoor Ali Abro , Sajjad Ahmed Maari, Lemon Kumar, Gul Bhar Pussio and Ghulam Hussain Jatoi (2014). Behaviour of <i>Fusarium nivale</i> causal agent of mango malformation against different culture media and range of different temperatures and in-vitro control. Eur. Acad. Res. Volume 2: (07) pp. 8691-8714.	HEC Y
60.	Muhammed Ayaz Keerio , Khadim Hussain Wagan, Manzoor Ali Abro and Muhammed Mithal Jiskani (2014). Investigations on the charcoal rot caused by <i>Macrophomina phaseolina</i> (Tassi) goid problem in sunflower and their management in Sindh, Pakistan. Eur. Acad. Res. 2: (07) pp. 9342-9385	HEC Y
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63.	Shoukat Ibrahim Abro, Manzoor Ali Abro , Aijaz Ahmed Soomro and Aamir Ali Abro (2014). Microbial mineralization of soil organic carbon influenced by long term fertilization in paddy soils under different temperature regimes. Eur. Acad. Res. 2: (07) pp. 8691-8714.	HEC Y
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64.	Abro M. A. , Lecompte, F, and Nicot P.C (2013). Nitrogen fertilization of the host plant influences production and aggressiveness of <i>Botrytis cinerea</i> secondary inoculum. Phytopathology . Vol. 103: (3) pp. 261-267.	HEC W SCI IF. 4.1 Scopus IF.0.15
65.	Manzoor A. Abro , Francois Lecompte, Marc Bardin and Philippe C. Nicot (2013). Nitrogen fertilization impacts biocontrol of tomato gray mold. Agronomy for Sustainable Development . Vol. 34: (03) pp. 641-648.	HEC W SCI IF. 7.93 Scopus IF..1.50
66.	Lecompte, F, M. A. Abro and Nicot P.C (2013). Can plant sugars mediate the effect of nitrogen fertilization on lettuce susceptibility to two necrotrophic pathogens: <i>Botrytis cinerea</i> and <i>Sclerotinia sclerotiorum</i> ? Plant and Soil . Vol.369. Issue 1-2. pp. 387-401	HEC W SCI IF. 4.93 Scopus IF..15
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68.	Ashok Kumar, Saira Baloch and Manzoor Ali Abro (2013). Gammaretrovirus-Medicated transfer of P21SNFT causes malignant transformation of mature T cells. Indo American Journal of Pharm Research . Vol.3 (7) 5001-5012.	HEC Y
69.	Philippe C. Nicot, Manzoor Ali Abro , Magali Duffaud, François Lecompte and Benoit Jeannequin (2012). Manipulating nitrogen fertilization for the management of diseases in the tomato greenhouse: what perspectives for IPM? Integrated Control in Protected Crops, Mediterranean Climate IOBC-WPRS Bulletin Vol. 80, pp. 333-338.	HEC Y
70.	Lecompte, F, M. A. Abro , and Nicot P.C. (2010). Contrasted responses of <i>Botrytis cinerea</i> isolates developing on tomato plants grown under different nitrogen nutrition regimes. Plant Pathology 59 (5) pp.891-899. (IF: 2.969).	HEC W SCI IF. 2.77 Scopus IF.0.

NO. OF M.SC. AGRI (HONS) PRODUCED.

S. NO.	NAME & REG. NO.	DEFENSE YEAR	TITLE
1.	Kanwal Solangi 2K20-PP-010	28.09.2023	Prevalence Of Damping-Off of Papaya Caused by <i>Fusarium Oxysporum</i> In The District Tando Allahyar And Its In-Vitro Management
2.	Irfan Ahmed 2K20-PP-008	28.09.2023	Isolation of Rhizospheric Bacteria from Soil and Their Antifungal Activity Against <i>Helminthosporium Oryzae</i> the Causal Agent of Brown Spot of
3.	Naeem Muhammad 2K20-PP-012	03.04.2023	Evaluation of germplasm against leaf rust and its impact on yield and yield components of wheat crop.
4.	Sajjad Ali 2K20-PP-016	03.04.2023	Assessment of wheat leaf rust from lower sindh and its management through different fungicides.
5.	Bakhtawar Sikandar 2K20-PP-006	17.03.2023	Investigation on prevalence of fusarium wilts of sugarcane and its in-vitro chemical control.
6.	Ram Chandar 2K20-PP-014	11-02-2023	Prevalence of damping-off disease of papaya in district hyderabad and its management with suitable fungicides
7.	Mir Shahbaz Ali Talpur 2K18-PP-38	18.01.2021	Prevalence and management of leaf spot disease of banana caused by fusarium oxysporum in lower Sindh.
8.	Assad Ullah 2K18-PP-62	11.03.2021	Efficacy of different fungicides, biological control agents, botanical extracts and essential oils against alternaria alternate the causal agent of fruit rot of apple.
9.	Mahanoor Roshan 2K18-PP-36	18.01.2021	Prevalence of red rot of sugarcane caused by colletorichum falcatum went in district hyderabad and its in-vitro management.
10.	Shar Muhammad 2K17-PP-75	23.12.2019	Efficacy of different essential oils, fungicides and bio control agents against aspergillus niger the causal agent of fruit rot in pomegranate.

11.	Aziz Ullah 2K17-PP-64	23.12.2019	Evaluation of different fungicides, botanical extracts and bio-control agents against alternaria alternata the causal agent of leaf spot in spinach
12.	Amir Ali 2K17-PP-63	23.12.2019	Effect of different fungicides, botanical extracts and biocontrol agents against penicillium italicum the causal agent of fruit rot of orange.
13.	Waseem Ali Soomro 2K16-PP-89	13.12.2018	Evaluation of different fungicides, botanical extracts and bio control agents against alternaria alternata the causal agent of leaf blight of cucumber (cucumis sativus l.).
14.	Moez Ullah Khan 2K16-PP-78	08-10-2018	Evaluation of different fungicides, botanical extracts and bio control agents against alternaria alternata the causal agent of leaf spot in grapes.
15.	Manzoor Ahmed 2K16-PP-118	01.02.2018	Evaluation of different fungicides, botanical extracts and biocotrol agents against penicillium expansum the causal agent of vluue mold of apple.
16.	Ali Hassan 2K16-PP-72	03.12.2018	Prevalence of leaf blight of sunflower caused by alternaria helianthi in district hyderabad and its management.
17.	Gulan Khan Sanghroo 2K16-PP-74	26.07.2019	Evaluation of different botanical extracts biocontrol agents and fungicides against botrytis cinerea the causal agent of gray mold in rose.
18.	Ahmed Ali 2K15-PP-409	19.10.2018	Effect of some essential oils on the growth and development of fruit rot of lemon cause by aspergillus niger under in-vitro conditions.
19.	Ehtisham Uddin Sahtio 2K15-PP-267	28.01.2018	Response of some wheat commercial varieties against wheat rust under natural agro ecological conditions of tandojam.
20.	Hassan Syed 2K15-PP-269	14.11.2018	Efficacy of different of fungicides, botanical extracts and biocontrol agents against cladosporium cladosporioides the causal agent of cladosporium rot in grapes.
21.	Basheer Ahemd 2K13-PP-323	22.03.2016	Studies on morphological and biochemical characterization of soil associated bacteria isolated from rice crop.
22.	Adnan 2K13-PP-318	21.04.2016	Physiological studies of botryociplodia theovromae, the causal agent of guava decline and its in-vitro control.
23.	Shah dad 2K13-PP-336	28.06.2016	In vitro evaluation of selected fungicides and botanical extracts against botryodiplodia theobromae, responsible. For guaya decline.
24.	Ghulam Yaseen Dahar 2K13-PP326	03-09-2016	Physiological studies of ceratocystis fimbriata, the causal agent of mango sudden death and its in-vitro control.
25.	Ghulam Hussain Jatoi 2K13-PP-324	05-11-2015	In- vitroefficacy of different fungicides, botanical extracts and biocontrol agents against helminthosporium oryzae, the sausal agent of brown spot of rice
26.	Sajjad Ahmed Maari 2K12-PP-254	03.02.2015	Behavior of fusarium nivale causal agent of mango malformation at different temperatures, culture media and in-vitro control.
27.	Abdul Salam Mengal 2K12-PP-244	23.11.2015	Investigations on fusarium wilt of mango nursery and its in-vitro control.

NO. OF PH.D. PRODUCED.

S. NO.	NAME & REG. NO.	DEFENSE YEAR	TITLE
26.	Gul Bahar Pussio Reg. No. Ph. D- 2K13-PP-21	03.12.2021	Investigation on Fusarium wilt of tomato caused by <i>Fusarium oxysporum</i> f. sp. lycopersici and their
	Naimatullah Ph. D-2k18-PP-03	Expected in December	Prevalence of Panama wilt disease of banana and its management through plant resistance inducers

		(2023)	
	Muhammad Waris Ph. D-2k21-PP-03	Ph. D Under Process	Investigation on post-harvest blue mold rot of onion and its integrated management
	Adnan Baloch Ph. D-2k21-PP-04	Ph. D Under Process	Investigations on Fusarium wilt of cucumber and its management in high plastic tunnels in Balochistan
	Nargis Shah Ph. D-2k17-PP-24	Ph. D Under Process	Integrated Management of cotton leaf curl Disease in Sindh