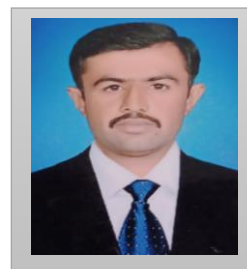


CURRICULUM VITAE

MR. MUHAMMAD SALEEM CHANG

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PERSONAL INFORMATION

Father's name: Sobho Khan
Surname: Chang
Date of Birth: 1990 January 21st
CNIC: 41603-0585532-7
Passport No.: JL5755322
Nationality: Pakistani
Gender: Male
Marital status: Single
Language: English (International)
Sindhi (Regional)
Urdu (National)

EDUCATION/QUALIFICATION

2016-2019 **M. Sc. (Agri.) Honours (18 years education)**
Agronomy (Major)
Sindh Agriculture University, Tandojam, Sindh, Pakistan
1st Division (79.58%)

2011-2016 **B. Sc. (Agri.) Honours (16 years education)**
Agronomy (Major)
Sindh Agriculture University, Tandojam, Sindh, Pakistan
1st Division (80.09%)

2008-2010 **Intermediate (HSC/F. Sc.) (12 years education)**
Pre-Medical (Group)
B.I.S.E. Hyderabad, Sindh, Pakistan
B Grade / 1st Division (78.36%)

2007 **Matriculation (SSC) (10 years education)**
Science (Group)
B.I.S.E. Hyderabad, Sindh, Pakistan
B Grade / 1st Division (70.70%)

EXPERIENCES

- Currently working as Lecturer in Department of Agronomy, Sindh Agriculture University, Subcampus, Umerkot (69100), Pakistan since 2018.
- One year research experience of M. Sc. on “Comparative efficacy of purple nutsedge allelopathy and other methods on weed management in barley (*Hordeum vulgare* L.)”.
- One month internship experience on the topic “Preliminary observations on newly introduced varieties of sugarcane in the area of Advanced Agronomic Practices under supervision of Research team of Sugarcane Research Station in Agriculture Research Institute, Tandojam, Sindh, Pakistan.
- Two years’ Experience of Field Manger on “Efficacy of drip irrigation system on growth, Development and Yield enhancement of Lemon, Mango, Chicku and Chilly crop.
- One year Experience on commercial cultivation and marketing of Red Chilly

TRAININGS/INTERNSHIPS

- Seminar on Water Saving Agriculture for Pakistan Sponsored by ministry of commerce and organized by International Exchange Centre of Yanling Demonstration Zone from November 25th to December 08th, 2021.
- Seminar on Official of Animal Feed Formula Promotion for BRI Countries” sponsored by the Ministry of Commerce and organized by Hunan Agricultural Group Co., Ltd. from November 3rd to November 16th, 2021.
- Training course on Soybean Production and Processing and Institutional Capacity Building for Developing Countries” sponsored by the Ministry of Commerce and organized by Hunan Agricultural Group Co., Ltd. from October 1st to October 27th, 2021.
- Hands on Training Workshop on Hydroponics on nursery sowing and management, chemical and fertilizer inventory and recipe preparation, pollination procedure in different crops, harvesting and product development and marketing organized by PMAS, Arid Agriculture University Rawalpindi, Pakistan from October 4th to October 6th, 2021.
- Training course on Cultivation of Oilseed Crops for Pakistan (Rapeseed, Peanut etc.) Sponsored by ministry of commerce and organized by Hunan Agricultural Group Co., Ltd. From August 10th to August 30th 2021.
- Training Course on Agricultural Pest and Disease Control Technology for Pakistan. Sponsored by the Ministry of Commerce and organized by national agricultural technology

extension and service center from September 6th to September 17th 2021 in Beijing, Peoples, Republic of China.

- Training Course on Beekeeping and Honey Processing Technology for BRI Countries” sponsored by the Ministry of Commerce and organized by Hunan Agricultural Group Co., Ltd. From July 13th to August 11th, 2021.
- Certificate of participation in the International Training Program on Introduction to Integrated Flood Risk Management from October 26th to 28th, 2021, organized by Youth for Resilience and Supported by World Wildlife Funds, Women for Water Partnership, Sri Lanka Water Partnership, NetWwateR, Doers and RAWS India.
- Training session on how to utilize Pro-Quest eBooks collection in teaching and research in partnership with Higher Education Commission October 20th 2020.
- Certificate of one month internship training on the topic “Preliminary observations on newly introduced varieties of sugarcane in the area of Advanced Agronomic Practices under supervision of Research Team of Sugarcane Research Station in Agriculture Research Institute, Tandojam, Sindh, Pakistan.

INTERNATIONAL CONFERENCES/CONGRESSES

- Certificate of Participation in 5th International Water Conference 2021- Webinar Series on Climate Change and Pandemic: Impact on Water in Karachi during December 24th, 2021.
- Certificate of Participation in 2nd International Conference on Advanced in Material Science, organized by Department of Physics, DSNT University of Education held online on October 5th to 6th, 2021.
- Certificate of Participation virtually in the 2nd Asian Web Conference on Managing Hill Resources and Diversities for Zero Hunger and Climate Resilience organized during 12-13 February, 2021.
- Certificate of Participation in 7th International Horticulture Research Conference held online in July 30th 2020 organized by Horticulture Research Centre, Northwest A & F University, Nanjing Agricultural University and College of Horticulture, Peoples, Republic of China.
- Certificate of Participation in the International Conference on CHINA-ASEAN “Intelligent + Fertilizer” Technology Innovation 2020.

INTERNATIONAL WEBINARS

- Certificate of participation in the Global Soil Laboratory Network (GLOSOLAN) webinar on Determination of Soil Phosphorus by Olsen Methods held virtually in English on December 6th, 2021.
- Certificate of participation in the Global Soil Laboratory Network (GLOSOLAN) webinar on Handling and Preparation of soil samples for Chemical and Physical Analysis held virtually in English on December 6th, 2021.
- Certificate of participation in international webinar on “Water, A Carrier” organized by Water Care Services Pakistan (WCSP) held on December 10th, 2021.
- Certificate of participation in international webinar on Sustainable Nitrogen Management and Food Security, organized by Institute of Soil and Environment Sciences and FFC in collaboration with PAS forum and SWIE UK, held on December 8th, 2021.
- Certificate of participation in the 5th meeting of the Global Soil Laboratory Network (GLOSOLAN) that took place in a virtual format from November 23rd to 25th, 2021 in the framework of the Global Soil Partnership activities.
- Certificate of participation in the 5th meeting of the Global Soil Laboratory Network (GLOSOLAN) webinar on Implementation of Standard Operating Procedures for Soil Organic Carbon (Walkely and Black: titration and colorimetric methods) held virtually on November 9th, 2021.
- Certificate of participation in the 5th meeting of the Global Soil Laboratory Network (GLOSOLAN) webinar on Implementation of Standard Operating Procedures for Saturated Soil Paste Extract held virtually on November 9th, 2021.
- Certificate of participation in the 2nd Plenary Meeting on Soil Spectroscopy that took place in a virtual format from November 2nd to 4th, 2021 in the framework of the Global Soil Laboratory Network (GLOSOLAN) of the Global Soil Partnership activities.
- Certificate of participation in Global Soil Laboratory Network (GLOSOLAN) webinar on Laboratory Health and Safety held virtually on October 26th, 2021.
- Certificate of participation in the 6th session of the GLOSOLAN Soil Spectroscopy Webinar on topic of “Measuring reflectance of undisturbed soil in the field under laboratory quality: a protocol to assess soil properties that are sensitive to the soil sealing phenomenon held virtually on October 28th, 2021.

- Certificate of participation in the 5th meeting of the Asian Soil Laboratory Network (SEALNET) that took place in a virtual format on October 20th, 2021 in the framework of the Global Soil Laboratory Network (GLOSOLAN) activities.
- Certificate of Participation in know talks webinar on “Policy Making under Uncertainty” Organized by Mohammad bin Rashid Al Maktoum Knowledge Foundation (MBRF) & The United Nations Development Programme (UNDP) on September 22nd 2021.
- Certificate of Participation in the 4th International Webinar on “Mentoring: How does it connect to research ethics, organized by Department Plant Pathology, University of Agriculture Faisalabad Pakistan, Pakistan Phytopathological Society (PPS) and Microbiology Iowa State University, USA in September 07th 2021.
- Certification of Participation in International webinar on “The Nature of Cyst Nematode Population Suppression” organized by Department of Nematology, University of California Riverside USA.
- Certificate of Participation in the Fourth meeting of the Asian Soil Laboratory Network (SEALNET) implemented by FAO from June 30th to July 2nd 2020.
- Certification of Participation in the First Plenary Meeting on Spectroscopy of the Global Soil Laboratory Network (GLOSOLAN) implemented by FAO from September 23th to September 25th 2020.
- Certification of Participation in the Fourth meeting of the Global Soil Laboratory Network (GLOSOLAN) implemented by FAO from November 11th to November 13th 2020.
- Certification of Participation in online international symposium on “hepatitis finding the missing millions” organized by Department of Molecular Biology, Faculty of Science Technology, Virtual University of Pakistan in collaboration with Sindh Agriculture University Tandojam, the University of Agriculture D. I. Khan and National Academy of Young Scientists (NAYS), Pakistan on August 6th 2020

2021

Muhammad Saleem Chang*, Muhammad Nawaz Kandhro, Zulfiqar Ali Abbasi, Jay Kumar Sootaher, Piar Ali Shar, Kashif Ali Buriro, Nadia Mangrio and Zafarullah Channa (2021). Comparative efficacy of purple nutsedge allelopathy and other methods on weed management in barley (*Hordeum vulgare* L.). Pakistan Journal of Weed Science Research 27(2): 127-137.

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Tanweer Fatah Abro, Asim Ali Rajput, Jay Kumar Sootaher*, Piar Ali Shar¹, **Muhammad Saleem Chang**, Muhammad Naeem, Ayaz Latif Siyal, Farhana Hayat Siyal, Kirshan Kumar Menghwar, Amanullah Baloch, Azizullah Keerio, and Muneer Ahmed Vistro. (2021). Estimation of Combining Ability in F₂ Hybrids of Bread Wheat (*Triticum aestivum* L.) Genotypes. Proceedings of the Pakistan Academy of Sciences: B. Life and Environmental Sciences 58(2): 69-81.

Ayaz Latif Siyal, Ali Gohar Chang, Nasiruddin Shaikh, Jay Kumar Sootaher*, Tahira Jatt, Fozia Khan Siyal and **Muhammad Saleem Chang**. (2021). Screening of wheat genotypes for morphological, physiological and phenological traits under climatic condition. European Journal of Biology and Biotechnology 2(2): 87-91.

Tanweer Fatah Abro, Asif Ali Kaloi, Jay Kumar Sootaher*, Piar Ali Shar, Tarique Ahmed Baloch, Tanveer Ali Soomro, **Muhammad Saleem Chang**, Kirshan Kumar Menghwar and Waqar Hussain Shah. (2021). Assessment of genetic variability in F₄ populations of upland cotton (*Gossypium hirsutum* L.). Sarhad Journal of Agriculture 37(3): 722-734.

Muhammad Ashraf Kakar, Abdul Wahid Baloch, Jay Kumar Sootaher*, Naila Gandahi, **Muhammad Saleem Chang**, Ghulam Fareed Khawaja Khail, Ameena Jadgal, Ayaz Latif Siyal, Amanullah Maree and Usman Asif Kasi. (2021). Assessment of genetic divergence and character association in upland cotton (*Gossypium hirsutum* L.) genotypes. International Journal of Biology and Biotechnology 18(2): 321-327.

Faheem Hussain Laghari, Shah Nawaz Mari, Jay Kumar Sootaher*, Adil Ali Gadahi, **Muhammad Saleem Chang**, Amanullah Maree, Zafarullah Channa and Abdul Ghafar Shah. (2021). Heritability and genetic advance studies in F₂ population of bread wheat (*Triticum aestivum* L.). International Journal of Biology and Biotechnology 18(1): 157-167.

2020

Tanweer Fatah Abro, Parvesh Kumar Oad, Jay Kumar Sootaher*, Kirshan Kumar Menghwar, Tanveer Ali Soomro, Aamir Ali Shaikh, Hafeez Ali Bhatti, **Muhammad Saleem Chang**, Waqar Hussain Shah and Zafarullah Channa. (2020). Genetic variability and character association between grain yield and oil content traits in sunflower (*Helianthus annuus* L.). International Journal of Biology and Biotechnology 17(4): 701-706.

Khushal Khan Bazai, Munaiza Baloch, Jay Kumar Sootaher*, Tarique Ahmed Baloch, Muhammad Naeem, Tanweer Fatah Abro, **Muhammad Saleem Chang** and Kirshan Kumar Menghwar. (2020). Correlation, heritability and genetic distance analysis in bread wheat (*Triticum aestivum* L.) genotypes. Proceedings of the Pakistan Academy of Sciences: B. Life and Environmental Sciences 57(1): 75-83.

Piar Ali Shar, Jay Kumar Sootaher, Zahoor Ahmed Soomro, Tanweer Fatah Abro, Akhtar Hussain Shar, **Muhammad Saleem Chang**, Ayaz Ali Soomro, Nadir Ali Rind and Khalid Hussain Rind. (2020). Interrelationship for yield and yield associated traits in mustard (*Brassica juncea* L.). Pure and Applied Biology 9(3): 1988-1994.

Zeeshan Majeed Kumbhar, Wajid Ali Jatoi, Jay Kumar Sootaher*, Muhammad Ishaque Baloch, Adil Ali Gadahi, Kirshan Kumar Menghwar, **Muhammad Saleem Chang** and Mitho Kachi. (2020). Studies on correlation and heritability estimates in upland cotton (*Gossypium hirsutum* L.) genotypes under the agro-climatic conditions of Tandojam, Sindh, Pakistan. Pure and Applied Biology 9(4): 2272-2278.

Mitho Kachi, Tanweer Fatah Abro, Jay Kumar Sootaher, Tarique Ahmed Baloch, Mazhar Ali Mastoi, Tanveer Ali Soomro, Kirshan Kumar Menghwar, Gul Muhammad Jadgal, **Muhammad Saleem Chang** and Waqar Hussain Shah. (2020). Estimation of heritability and genetic advance in F₂ populations of bread wheat (*Triticum aestivum* L.) genotypes. International Journal of Biosciences 16(2): 286-295.

Danyal Ali Hingoro, Pir Ahmed Naqi Shah, **Muhammad Saleem Chang***, Jay Kumar Sootaher, Asif Ali Lakho, Muhammad Naeem, Rahamdil Baloch and Kashif Ali Buriro. (2020). Influence of macro nutrients (N and P) on growth and yield of barely (*Hordeum vulgare* L.). International Journal of Biosciences 16(2): 279-285.

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ACCEPTED MANUSCRIPTS

Nazim-U-Din Soomro, Piar Ali Shar, Jay Kumar Sootaher*, **Muhammad Saleem Chang**, Tarique Ahmed Baloch, Kirshan Kumar Menghwar and Waqar Hussain Shah. 2021. Evaluation of exotic spring wheat (*Triticum aestivum* L.) genotypes for heat stress tolerance. Journal of Agricultural Research.

Adil Ali Gadahi, Wajid Ali Jatoi, Saima Mir Arain, Jay Kumar Sootaher*, Sadaf Memon, **Muhammad Saleem Chang**, Zeeshan Majeed Kumbhar and Kirshan Kumar Menghwar (2021). Morpho yield attributes of bread wheat (*Triticum aestivum* L.) genotypes under various water regimes. Journal of Innovative Sciences.

SUBMITTED MANUSCRIPTS

Abdul Ghafar Shah, Siraj Ahmed Channa, Jay Kumar Sootaher*, Samreen Khanzada, Ali Sher Khaskheli, Muhammad Naeem, Tarique Ahmed Baloch and **Muhammad Saleem Chang** (2021). Correlation and path coefficient analysis of yield and yield components in mustard (*Brassica juncea* L.). Pakistan Journal of Agricultural Research.

Irfanullah Daudpotto, Piar Ali Shar, Jay Kumar Sootaher*, **Muhammad Saleem Chang** and Parkash Meghwar. (2021). Correlation and regression analysis in advanced lines of bread wheat (*Triticum aestivum* L.) for yield contributing traits. Indian Journal of Agricultural Research.

Kashif Ali Buriro, Nighat Seema Soomro, Muhammad Aquil Siddiqui, **Muhammad Saleem Chang***, Jay Kumar Sootaher, Ghulam Mustafa Nangraj, Muhammad Naeem, Mohsin Wadho, Khalid Hussain Buriro and Nisar Ahmed Majeedano. (2021). Effect of foliar application of gibberellic acid₃ on the growth and yield of canola (*Brassica napus* L.) genotypes. Journal of Agricultural Research.

***Corresponding author**

Shafqat Ali Bhatti, **Muhammad Saleem Chang***, Muhammad Nawaz Kandhro, , Jay Kumar Sootaher, Kashif Ali Buriro, Nadia Mangrio, Piar Ali Shar and Mohsin Wadho. (2021). Effect of different sowing methods on the growth and yield of wheat (*Triticum aestivum* L.). RADS Journal of Biological Research and Applied Sciences.

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COMPUTER SKILLS

- Basic computer skills
- Windows XP
- Microsoft office (MS Word, MS PowerPoint and MS Excel)

INTERESTS AND ACTIVITIES

- Reading Books
- Reading Journals
- Browsing Google
- Watching T.V.

REFERENCES

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Professor & Chairman

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