



Dr. Muhammad Sajid

Professor, Department of Horticulture

Faculty of Crop Production

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QUALIFICATION

Ph.D. 2010. Micronutrients (Zn and B) and temperature conditioning influence the pre and post-harvest performance of sweet orange. The University of Agriculture Peshawar, Khyber PakhtunKhwa, Pakistan, Department of Horticulture.

M.Sc (Hons) in Horticulture,
Department of Horticulture,
Year: June 1997
Division: 1st
Percentage: (86.27%)

BSC (Hons) in Horticulture,
Department of Horticulture,
Year: 1994
Division: 1st
Percentage: (84.23%)

The University of Agriculture Peshawar, Khyber PakhtunKhwa, Pakistan

- Research (PhD):** Micronutrients (Zn&B) and temperature conditioning influence the pre and post-harvest performance of sweet orange
- Research (M.Sc):** Effect of different levels of nitrogen alone and in combination with constant dose of Phosphorous on growth and yield of red chillies.
- Research (B.Sc):** Also studied the effect of nitrogen on the growth of money plant (*Epipremnum aureum*) cuttings.

International Exposure:

- Conducting one year (2009) research projects on postharvest study of peach/sweet orange at University of California Davis, United State of America (USA) under the supervisions of Prof. Dr. Dr. Carlos H. Crisosto, Specialist and Pomologist, Department of Plant Sciences Mail Stop 2, One Shields Avenue, Davis, CA 95616 USA.

Email: chcrisosto@ucdavis.edu

- Participated “**2015 Seminar on fruit processing and comprehensive utilization for developing countries**” sponsored by Ministry of Commerce and organized by China National Research Institute of Food and Fermentation Industries from August 19, 2015 to September 08, 2015 in **Beijing the People’s Republic of China.**

EXPERIENCE

- **Associate Professor (BPS-20):** Department of Horticulture, Agricultural University Peshawar, Pakistan (**September, 2017 till date**).
- **Assistant Professor (BPS-19):** Department of Horticulture, Agricultural University Peshawar, Pakistan (**January, 2010 to September, 2017**).

Responsibilities: Teaching and Research

- **Lecturer (BPS-18):** Department of Horticulture, Agricultural University Peshawar, Pakistan (**February 2003 to August, 2007 on Contract Basis and then from August, 2007 to December, 2009 on Regular Basis**)

Responsibilities: Teaching and Research

- **Farm Manager (BPS-17):** Horticulture Farm, Department of Horticulture, The University of Agriculture Peshawar, from **Feb., 2000 to Feb., 2002 on contract basis**.

Responsibilities: Production of fruit nurseries & Maintenance and management of Fruit orchard

ADDITIONAL DUTIES AS EXPERIENCE

Besides teaching and research the competent authority assigned the additional duties of

- 1. Additional Director Administrationsince 2014 till date**
Responsibilities: To assist the administration to take care of University security, sanitation and other relevant matters
- 2. Ground and Garden In-charge (Additional Duty): Since 2010 to 2014.** Department of Horticulture, The University of Agriculture Peshawar, Khyber PakhtunKhwā, Pakistan
- 3. Remained Staff Proctor and Manager University Football (Soccer) team**

TEACING AND RESEARCH EXPERIENCE

Following courses were taught to **Ph.D, M.Sc. (Hons) and B.Sc.(Hons)** students.

S.No	Semester	Class/Degree	Course taught
1	Fall 2018	B.Sc (Hons) -IV	Temperate Fruit (Hort-619)
2	Spring 2018	B.Sc (Hons)-III	Post-Harvest Horticulture (Hort-514)
3	Fall 2017	B.Sc (Hons) -IV	Organic Horticulture (Hort-606)
4	Spring 2017	B.Sc. (Hons)-III	Commercial Fruit Production (Hort-502)
5	Fall 2016	PhD	Special and Minor Fruit (Hort-721)
6	Spring 2016	B.Sc (Hons)-I	Introductory Horticulture (Hort-301)
7	Fall 2015	B.Sc. (Hons)-IV	Minor Fruit (Hort-602)
8	Spring 2015	PhD	Advanced Mineral Nutrition (Hort-725)

NUMBER OF STUDENTS SUPERVISED (HEC APPROVED SUPERVISOR)

PhD Scholar(s) produced and awarded the degrees = **05**

PhD Scholars completed their Research activities and now in thesis writing stage= **04**

MSc student (s) produced and awarded the degrees = **60**

- MSc (Hons) Students Being Supervised = **05**
- BSc (Hons) Students supervised = **40**

PROJECTS

As Principal Investigator:

Title of the Project:

Enhancement of Tunnel Farming Technology by using Drip Irrigation System for the Production of Off-Season Vegetables.

Donor Agency: Endowment Fund Secretariat, the University of Agriculture Peshawar-Pakistan

Present Status: In progress

Total Budget: Rs.10,95,000/-

As Co- Principal Investigator:

Manipulation of Guava fruit crop through various cultural practices in Khyber

Pakhtunkhwa-Pakistan

Donor Agency: HEC, Pakistan

Present Status: In progress

Total Budget: Rs. 41,07,540/-

CONFERENCES/SEMINARS

1: Presented Hort. Deptt as speake in International seminar on Recent Challenges and Prospects of Horticulture in Pakistan (23-24th June, 2021) organized by Department of Horticulture, PMAS Arid Agriculture University Rawalpindi

Presentation on, *“Pre-Harvest factors responsible for post-harvest losses of Horticulture commodities”*

2: Organized national conference at AUP on 30th June and 1st July, 2021

RESEARCH PUBLICATIONS

Total publications since 2010	=	72
Publications in Impact factor journals	=	45
Publications in Non-Impact factor journals	=	30
Total impact factor	=	More than 36

LIST OF PUBLICATIONS

IMPACT FACTOR PUBLICATIONS

1. **Sajid, M.**, S.U.Haq, A. Jan, F. Noor, M. Alam, Q. Shoaib, F. A. Shah, A. Zaman, W. F. A. Mosa and H. S. Abada. 2022. Effect of foliar application with potassium nitrate and copper sulfate on fruit yield and quality of pear trees. *Int. J. Fruit Sci.* 22 (1): 759-768 (Impact Factor: 1.56)
2. **Sajid, M.**, S.T. Shah, A. Basit, A. Ahmed, I. Ullah, S.J. Shah, F. Khan, H.I. Mohamed. 2022. Enhancement of yield, essential oils, and active ingredients of turmeric (*Curcuma longa* L.) by application of organic manures (Farmyard and Poultry Manure). *Gesunde Pflanzen*. <https://doi.org/10.1007/s10343-022-00717-z>. (Impact Factor: 2.08)
3. Ullah, I., E.A.R. Kamel, S.T. Shah, A. Basit, H.I. Mohamed and **M. Sajid**. 2022. Application of RNAi technology: a novel approach to navigate abiotic Stresses. *Molecular Biology Reports*. <https://doi.org/10.1007/s11033-022-07871-7> (W category with Impact factor of 2.316)
4. Ahmad, A., **M. Sajid**, S.T. Shah, Q. S. Ali, M. Waleed, G. Saleem, F. Fida. 2022. Effect of Soaking Durations and Sowing Methods on Nursery Plant Production of Peach. *Gesudne Pflanzen*. DOI: [10.1007/s10343-022-00681-8](https://doi.org/10.1007/s10343-022-00681-8).
5. Alam, R., **M. Sajid** and D. Shahwar. 2022. Influence of IBA concentrations on the rooting response of olive cultivars in air layering. *Sarhad Journal of Agriculture*. 38(1): 238-248
6. El-Beltagi, H.S., I. Ullah, **M. Sajid**, A. Basit, W.F. Shehata, S.T. Shah, S.M. Alturki, A. Ullah, I. Aziz, F. Ali. 2022. Influence of maturity stages on postharvest physico-chemical properties of grapefruit (*Citrus paradise* var. 'Shamber Tarnab) under different storage durations. *Not. Bot. Horti. Agrobot. Cluj-Napoca*. 50(1): 12620. (**Impact Factor: 1.44**)
7. Ahmad, N., A.Rab, **M. Sajid**, N.Ahmad, H.Fazal, M.Ali, U.Egertsdotter. 2021. Sucrose-dependent production of biomass and low-caloric steviol glycosides in adventitious root cultures of *Stevia rebaudiana* (Bert.). *Industrial Crops & Products* .164-113382. Journal homepage: www.elsevier.com/locate/indcrop (**Impact Factor: 4.127**)

8. Bibi, F. and **M. Sajid**. 2021. Influence of foliar application of GA, NAA and calcium chloride on quality fruit production and storage performance of tomato. *Fresenius Environmental Bulletin*. 30(6): 5706-5719 (**Impact Factor: 0.554**)
9. Gilani, S.A.Q., A. Basit, **M. Sajid**, S.T. Shah, I. Ullah and H.I. Mohamed. 2021. Gibberellic Acid and Boron Enhance Antioxidant Activity, Phenolic Content, and Yield Quality in *Pyrus communis* L. *Gesunde Pflanzen*<https://doi.org/10.1007/s10343-021-00555-5> (**Impact Factor: 0.738**)
10. Rafiullah, F. Wahid, A. Basit, I. Ullah, **M. Sajid**, S.T. Shah, I. Ahmad, M. Muhammad, I. Ali, I.A. Khan, A. Ahmad and A.A. Shah. 2021. Vegetative Growth and Root Development of *Euonymus Japonica* Cuttings is Influenced by Various Concentrations of Indole Butyric Acid (IBA) and Transplantation Dates. *Ann. Russain Soc. Cell Biol*. 25(5): 948 – 959 (**Impact Factor: 0.11**)
11. Ihtisham M., N. Amjad, M. Nauman, A. Ali, K. Riaz, **M. Sajid** and O.M.Shahid. 2021. Germination, winter survival and plant growth of *Sophora secundiflora* as affected by sowing dates and seed scarification. *Sarhad Journal of Agriculture*, 37(2): 456-467. DOI: 10.17582/journal.sja/2021/37.2.456.467
12. Shahid M.O., A. Muhmood, M. Ihtisham, M. Rahman, N. Amjad **M. Sajid**, K. Riaz and A. Ali. 2020. Fruit yield and quality of 'Florida king' peaches subjected to foliar calcium chloride sprays at different growth stages. *Acta scientiarum Polonorum, Hortorum cultus = Ogrodnictwo*, 19(1):131-139. DOI: 10.24326/ asphc.2020.1.12 (**Impact Factor:0.71**)
13. **Sajid, M.**, Ahsanullah, A. Basit, I. Ullah, S.T. Shah, B. Haleema, K. Nawab, I. Ahmad, N. Ahmad, A. Khan and M. Muhammad. 2020. Screening of citrus rootstocks for salinity tolerance based on initial growth attributes and leaves proline content. *Elementary Education*. 19 (4): 3128-3140 <http://ilkogretim-online.org>-doi: 10.17051/ilkonline.2020.04.764688 (**Impact Factor:0.44**)
14. Haleema, B., A. Rab, S.A. Hussain, **M. Sajid**, M. Arif, S.T. Shah, I. Ullah, G. Miraj, Humaira, A. Basit. 2020. Influence of calcium concentrations and sources on the fruit quality of tomato (*Lycopersicon esculentum* Mill) at different storage conditions. *Fresenius Environ. Bulletin*. 29(03): 1866-1877 (**Impact Factor: 0.554**)
15. Ahmad, M., M. Ishtiaq, I. Ullah, A. Basit, S. A. Jadoon, I. H. Khalil, A. Muhammad, M. Alam, I. Amad, **M. Sajid**, G. Nabi and A. Jalal. 2020. Influence of Zinc on seed

production and Fats content of black seed. Fresenius Environmental Bulletin. 29(09):8094-8103. **(Impact Factor:0.679)**

16. Shah, S. T., **M. Sajid**, N. Ullah Khan, A. Rab, N. U. Amin, M. Arif, B. Haleema, S. Saeed. 2019. Peach antioxidant and phenolic activities influenced by application of 1-Methylcyclopropene (1-MCP) at Post Harvest. Acta Sci. Pol. Hortorum Cultus. 18(2) : 71–85 **(Impact factor: 0.448)**
17. Haq, F., **M. Sajid**, A. Iqbal, F. Shah, I. Jan, B. Islam, Z. H. Khan, M. Iqbal, Y. Jamal. 2018. Post-harvest application of salicylic acid can retain the physicochemical attributes of sweet orange Cv. Blood Red. Fresenius Environmental Bulletin 2(27): 1256-1263 **(Impact Factor:0.679)**
18. Arshad A.K., **M. Sajid**, A. Rab, N. Amin, A. Iqbal, F. Shah, B. Islam, F. Ali and W. Ali. 2017. Effect of mixture of nitrogen from poultry manure and urea on mineral profile of tomato grown in KPK-Pakistan. Communication in plant science and plant analysis. 48 (12): 1486-1493 **(Impact Factor: 0.589)**
19. Arshad A.K., **M. Sajid**, A. Iqbal, Z. H. Khan, B. Islam, F. Ali, K. Ali, A. Ahmed, M. Sajjad, M. Arif, W. Ali and F. Shah. 2017. Improving yield and mineral profile of tomato through changing crop micro-environment. Fresenius Environmental Bulletin 8 (26): 4911-4918 **(Impact Factor:0.679)**
20. **Sajid, M.**, M. A Khan, W. Bilal, A. Rab, Z. Iqbal and S.I.Khan. **2017**. Anti-oxidant activities, chemical attributes and fruit yield of peach cultivars as influenced by foliar application of ascorbic acid. Gesunde Pflanzen, Pflanzenschutz - Verbraucherschutz - Umweltschutz, ISSN 0367-4223. Gesunde Pflanzen. DOI 10.1007/s10343-017-0395-7 **(Impact Factor:0.342)**
21. **Sajid, M.**, A. Rab, I. Jan, A. Iqbal, F. Shah, T. Shah, A. Ali, B. Islam, F. Ali and Z. Hayat. **2017**. Response of various growth parameters of roselle (*Hibiscus sabdariffa*.) to organic and inorganic phosphorus. Fresenius Environmental Bulletin. 26 (1a): 878-884 **(Impact Factor = 0.679)**
22. Wahid, F., M. Alam, I. Ahmad, A. R. Gurmani, **M. Sajid**, N. Amin, and A. Ali. 2017. Effect of pre-soaking agents on salinity stressed cucumber seedlings. Pak. J. Agric. Sci., 54(4): 801-810 **(Impact Factor: 1.24)**
23. Hussain, I., A. Rab, N. U. Khan, **M. Sajid**, N. Ali, S. M. Khan and S. Ali. 2017. Effect of chilling exposure and vapor heat treatment duration on the quality of sweet orange during simulated marketing. Acta Sci. Pol. Hortorum Cultus. 16(5) : 39-47 **(Impact Factor: 0.448)**

24. Arif, M., T. Muhammad, Jan, M., Akbar, H., M. Ishaq, **M. Sajid**. 2017. Effect of nitrogen application timing on yield components, fodder, grain and oil yields of brassica cultivars. *Communications in soil science and plant analysis*. 48(8): 835-845(**Impact Factor:0.589**)
25. **Sajid, M.**, O. Ullah, M. A. Khan, A. Rab, A. Khan, F. Wahid, S. T. Shah and N. Ahmad. 2016. Phyto-hormones influences the micro-propagation of *stevia rebaudianabertoni* through callogenesis. *Advances in Food Sciences*. 38 (4): 139-146. (**Impact Factor: 0.36**)
26. Jan, I., A. Rab, **M. Sajid**, A. Iqbal, Z. K. Shinwari and M. Hamayun. 2016. Effect of calcium salt on soft rot, bitter pit and physiochemical properties of stored apples. *Pak. J. Botany*. 48(4): 1415-1420 (**Impact Factor: 0.947**)
27. Khattak,A. M.,**M.Sajid**, H. Z. Sarwar, A.Rab, M. Ahmad and M. A. Khan. 2016 Effect of sowing time and plant density on the growth and production of roselle (*Hibiscus sabdariffa*). *Int. J. Agric. Biol.*, 18(6): 1019-1024 (**Impact Factor: 0.940**)
28. Rab, A., J. Rahman, **M. Sajid**, N. Ahmad, M. Ahmad, K. Nawab and K. Ali. 2016. Influence of harvesting dates on fruit quality and storage performance of sweet orange (Blood Red) fruit. *J. Animal & Plant Sci.*, 26(6): 1659-1665 (**Impact Factor: 0.638**)
29. Khalil, S.A., N. Kamal, **M. Sajid** and Nisar Ahmad. Synergism of polyamines and plant growth regulators enhanced morphogenesis, stevioside content, and production of commercially important natural antioxidants in *stevia rebaudiana* Bert. 2016. *In vitro Cell. Dev. Biol.-Plant* (**Impact Factor: 1.05**)
30. Khan, M.A., N. Amin, I. Ahmad, M. Sajid, I. Jan, A.M. Khattak, J. Khan, M. Alam, H. Wasila and S. Hayat. 2016. Therapeutic Horticulture: Influencing Psychological response of surgical patients and their environmental assessment scale. *Pak. J. Agri. Sci.* 53(2) (**Impact Factor:1.24**)
31. Jan, I., **M. Sajid**, A. Rab, A. Iqbal, O. Khan, Y. Jamal, N. Ahmad, A. Ali, M. Shakoor and S.T. Shah. 2015. Effect of various concentrations of Indole Butyric acid (IBA) on olive cuttings. *Mitteilungen Klosterneuburg*. 65: 49-55 (**Impact Factor: 0.106**)
32. Jan, I., A. Rab and **M. Sajid**. 2015. Influence of Calcium chloride on storability and quality of apple fruits. *Pak. J. Agric. Sci.* 52 (1): 115-122 (**Impact Factor: 1.24**)
33. Rab, A., Najia, M. Sajid F. BiBi, I. Jan, G. Nabi and K. Nawab. 2015. Quality chnages in heat treated sweet orange fruit during storage at low temperature. *The J. Animal & Plant Sci.* 25 (3): 661-668 (**Impact Factor: 0.638**)

34. **Sajid, M.**, M. Mukhtiar, A. Rab, S. T. Shah and I. Jan. 2014. Influence of calcium chloride (CaCl₂) on fruit quality of pear (*Pyrus communis*) cv. Le conte during storage. Pak. J. Agri. Sci., 51(1): 113-121 (**Impact Factor: 1.24**)
35. S. Gul, N. U. Khan, S. Batool, M. J. Baloch, M. Munir, **M. Sajid**, A. A. Khakwani, S. H. Ghaloo, Z. A. Soomro and S. F. Kazmi. 2014. Genotype by environment interaction and association of morphoyield Variables in upland cotton. J. Animal & Plant Sci., 24(1): 262-271 (**Impact Factor: 0.638**)
36. Khan, A., A., S. N. M. Shah, A. Rab, **M. Sajid**, K. Ali, A. Ahmed and S. Faisal. 2014. Influence of nitrogen and potassium levels on growth and yield of chillies (*Capsicum annuum* L.). Inter. J. Farming & All. Sci., 3 (3): 260-264 (**Impact Factor: 0.488**)
37. Arshad, A. K., **M. Sajid** and A. Rab. 2014. Mineral uptake by tomato cultivars as affected by organic and inorganic potassium amendments. Int. J. Biosci., 5 (10): 1-09 (**Impact Factor: 0.553**)
38. Rab, A., G. Nabi, N.U. Amin, I. Haq, **M. Sajid**, K. Nawab and N. Ara. 2013. Influence of sowing time and potato propagules on the yield and tuber quality. Pak. J. Bot., 45(6): 2013-2018 (**Impact Factor: 0.947**)
39. Jan I., A. Rab and **M. Sajid**. 2013. Influence of calcium chloride on physical characteristics and soft rot incidence on fruit of apple cultivars. J. Animal & Plant Sci. 23(5): 1353-1359 (**Impact Factor: 0.638**)
40. **Sajid, M.**, A. Rab, I. Jan, I. Haq and M. Zamin. 2013. Conditioning at certain Temperature and durations induces chilling tolerance and disease resistance in Sweet Orange storability of sweet orange. Inter. J. Agri. & Biol., 15(4): 713-718 (**Impact Factor:0.940**)
41. **Sajid, M.**, I. Hussain, I.A. Khan, A. Rab, I. Jan, F. Wahid and S. T. Shah. 2013. Influence of organic mulches on growth and yield components of Pea's cultivars. Greener J. Agri. Sci., 3: 652-657 (**Impact Factor:0.791**)
42. Khan, M, A., **M. Sajid**, Z. Hussain, A. Rab, K. B. Marwat, F. Wahid and S. Bibi. 2013. How nitrogen and phosphorus influence the phenology of okra. Pak. J. Botany. 45 (2): 479-482 (**Impact Factor: 0.947**)
43. Nabi, G., A. Rab, **M. Sajid**, Farhatullah, S. J. Abbas, and I. Ali. 2013. Influence of curing methods and storage conditions on the post-harvest quality of onion bulbs. Pak. J. Bot. 45(2): 455-460 (**Impact Factor: 0.947**)

44. Haq, I., A. Rab and M. Sajid. 2013. Foliar application of Calcium Chloride and Borax enhance the fruit quality of Litchi cultivars. *J. Animal & Plant Sci.* 23(5): 1385-1390 (**Impact Factor: 0.638**)
45. Rab, A., H. Rehman, I. Haq, M. Sajid, K. Nawab and K. Ali. 2013. Harvesting stages and pre-cooling influence the quality and storages life of Tomato fruit. *J. Animal & Plant Sci.* 23(5): 1347-1352 (**Impact Factor: 0.638**)
46. **Sajid, M.**, A. Rab, I. Jan, I. Haq, S. T. Shah, A. Iqbal, M. Zamin and M. Shakoor. 2012. Pre-harvest treatment of Zn & B affects the fruit quality and storability of sweet orange. *J. Agri. Sci. & Technol B.* 2: 1224-1233 (**Impact Factor: 0.685**)
47. **Sajid, M.**, M. A. Khan, A. Rab, S. N. M. Shah, M. Arif, I. Jan, Z. Hussain and M. Mukhtiar. 2012. Impact of nitrogen and phosphorus on seed yield components of okra cultivars. *J. Animal & Plant Sci.*, 22(3): 704-707 (**Impact Factor: 0.638**)
48. **Sajid, M.**, A. Rab, S. T. Shah, I. Jan, I. Haq, B. Haleema, M. Zamin, R. Alam and H. Zada. 2012. Humic acids affect the bulb production of onion cultivars. *African Journal of Microbiology Research.* 6(28): 5769-5776 (**Impact Factor: 0.539**)
49. **Sajid, M.**, M. Pervaiz, A. Rab, I. Jan, I. Haq, F. Wahid, S. T. Shah and I. Ali. 2012. Response of Plane tree (*Platanus orientalis*) to cuttings and planting dates. *J. Animal & Plant Sci.* 22(2): 420-424 (**Impact Factor: 0.638**)
50. Jan, I., A. Rab and **M. Sajid**. 2012. Storage performance of apple cultivars harvested at different stages of maturity. *J. Animal & Plant Sci.*, 22(2): 438-447 (**Impact Factor: 0.638**)
51. Rab, A., **M. Sajid**, N. Khan, K. Nawab, M. Arif and M. K. Khattak. 2012. Influence of storage temperature on fungal prevalence and quality of citrus fruit (Cv. Blood Red). *Pak. J. Bot.*, 44 (2): 831-836 (**Impact Factor: 0.947**)
52. Amanullah, M. Zakirullah, M. Tariq, K. Nawab, A. Z. Khan, Farhatullah, Z. Shah, A. Jan, S. K. Khalil, M. T. Jan, **M. Sajid**, Z. Hussain and H. Rehman. 2010. Levels and time of Phosphorus application influence growth, dry matter partitioning and harvesting index in Maize. *Pak. J. Bot.* 42 (6): 4051-4061 (**Impact Factor: 0.947**)
53. Khan, M. K., **M. Sajid**, A. Rab, I. Jan, H. Zada, M. Zamin, I. Haq, A. Zaman, S. T. Shah and A. Rehman. 2012. Influence of nitrogen and phosphorus on flower and corm production of freesia. *African Journal of Biotechnology.* 11(56): 11936-11942 (**Impact Factor: 0.570**)
54. Khalil, S. A., R. Zamir, N. Ahmad, **M. Sajid**, H. Fazal, M. A. Khan, N. Seema and R. Alam. 2011. In vitro regeneration of plantlets from unpollinated ovary culture in sweet

orange (*Citrus Sinensis* L. Osbeck). African Journal of Biotechnology. 10 (67):15130-15134 (**Impact Factor: 0.570**)

NON-IMPACT FACTOR PUBLICATIONS

1. Shah, S.T., A. Basit, I. Ullah, **M. Sajid**, I. Ahmad, I. Ahmad, M.A. Khalid, Sanaullah, I. Ullah and B. Muhammad. 2021. Influence of edible coatings and storage duration on post-harvest performance of plum. Pure App. Biol. 10(1): 81-96.
2. **Sajid, M.**, A. Basit, Z. Ullah, S.T. Shah, I. Ullah¹, H.I. Mohamed and I. Ullah. 2020. Chitosan-based foliar application modulated the yield and biochemical attributes of peach (*Prunus persica* L.) cv. Early Grand. Bulletin Nat. Res. Centre. 44: 150.
3. Bostan, N. and **M. Sajid**. 2020. Effect of shade intensities and chilling duration on quality fruit and runner production of strawberry. Journal of Biodiversity and Environmental Sciences (JBES). 17(2): 68-79 (<http://www.innspub.net>)
4. Zeb, S., **M. Sajid**, S.T. Shah, M. Ali, S. Ali, Z. Nawaz, K. Rauf, A. Khan, H. Shah, S.A.A Shah and R. Riaz. 2020. Influence of post-harvest application of chitosan on physico-chemical changes of apple fruit during storage. Pure App Biol. 9(4): 2554-2562
5. **Sajid, M.**, I. Ullah, A. Rab, S.T. Shah, F. Wahid, N. Ahmad, I. Ahmad, A. Ali, A. Basit, F. Bibi and M. Ahmad. 2020. Foliar application of calcium improves growth, yield and quality of tomato cultivars. Pure Appl. Biol. 9(1): 10-19
6. Alam, R. and **M. Sajid**. 2018. Rooting response of olive cultivars to various cutting types. Science, Technology and Development 37 (1): 36-41
7. Rab, A., **M. Sajid**, N. Ahmad, K. Nawab and S.G. Ali. 2017. Foliar calcium application ameliorates salinity-induced changes of tomato crop grown in saline conditions. Sarhad J. Agri. 33(4): 540-548
8. Shah, S.H.A., A. Rab, **M. Sajid**, Sadia, S.A.S. Bacha, J. Iqbal and M. A. Khan. **2017**. Influence of gibberellic acid concentrations and application time on pre and post-harvest performance of limequat(*Citrus floridana*). Sci. Int. (Lahore). 29(3):773-780
9. **Sajid, M.**, I. A. Khan, A. Rab, S. Khan and I. Ullah. 2016. Weed control efficiency of Bioherbicides and mulches on yield and yield components of tomato. Thai J. of Agricultural Science. 49 (2) : 56-62

10. **Sajid, M.**, A. Hussain, A. Rab, S. T. Shah and I. Jan. 2016. Influence of zinc as soil and foliar application on growth and yield of Okra. *Int. J. Agric. Environ. Res.* 2(2): 162-167
11. **Sajid, M.**, I.J. Khan, A. Rab, S. Khan and I. Ullah. 2016. Weed control efficiency of Bioherbicides and Mulches on yield and yield components of Tomato. *Thai J. Agri. Sci.* 49(2): 56-62.
12. Shah, S. T., N. Khan, **M. Sajid**, N. Amin¹, A. Rauf, S. Bibi, B. Haleema and F.U. Haq. 2016. Weed control methods influence the growth attributes of weeds and radish (*Raphanussativus*l.) under semiarid condition. *Pak. J. Weed Sci. Res.* 22(4): 567-573
13. Ahmad, N., A. Rab, **M. Sajid**, Z. Ali and K. Ali. 2016. Influence of pinching intensity and incremental nitrogen application on growth and yield of okra (*Abelmoschus esculentus* Moench). *Int. J. Agric. Environ. Res.*, 2(1): 77-85
14. Bilal, W., M. Sajid, K. Rehman, N. Ahmad, A. A. Awan, B. Hussain, Z. Bacha, F. Rehamn, A. Naeem, Q. S. Ali and F. Bibi. 2015. Physical and Chemical attributes of various cultivars of plum fruit. *Pure. Appl. Biol.* 4 (3) : 353-363
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LANGUAGES AND EXTRA CURRICULAR ACTIVITIES

Languages:

- **Urdu** (first language) fluent,
- **Pushto** (Mother language) fluent,
- **English** fluent (Reading, Speaking, Writing)

Extra Curricular Activities

- **NCC** (National Cadet Corps) Certificate.
- **COLOR** certificate in Football, 1997 presented by University Grants Commission. (UGC).
- Represent the **Football Teams** of Khyber Pakhtunkhwa, District Peshawar, Islamia College Peshawar and The University of Agriculture, Peshawar.

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