

## Publications of Muhammad Farooq

### A- Books

1. **Farooq, M.** and K.H.M. Siddique (Eds). **2017**. Innovations in Dryland Agriculture. Springer International Publishing Switzerland.
2. **Farooq, M.** and K.H.M. Siddique (Eds). **2015**. Conservation Agriculture. Springer International Publishing Switzerland.
3. **Farooq, M.**, A. Wakeel and S.A. Cheema (Eds). **2015**. Biofortification of Staple Crops: A solution to Combat Malnutrition. Proceedings of International Workshop at the University of Agriculture, Faisalabad, Pakistan.
4. **Farooq, M.**, M. Hussain and D.-J. Lee (Eds). **2013**. Frontiers in Agriculture. Proceedings of 3<sup>rd</sup> International Conference at Dankook University, South Korea.
5. Cheema, Z.A., **M. Farooq** and A. Wahid (Eds.). **2013**. Allelopathy: current trends and future applications. Springer-Verlag, Heidelberg 69121, Germany.
6. Cheema, Z.A. and **M. Farooq** (Eds.). **2007**. Agriculture in Pakistan: Ideological and Pragmatic Perspective. Allied Book Centre, Urdu Bazar Lahore, Pakistan.

### B- Book chapters

1. Nawaz, A. and **M. Farooq**. **2017**. Rice physiology. In: Chauhan, B.S., K. Jabran and G. Mahajan (Ed). Rice Production Worldwide. Springer International Publishing Switzerland. pp. 455-485.
2. **Farooq, M.** and K.H.M. Siddique. **2017**. Research and developmental issues in dryland agriculture. In: Farooq, M. and K.H.M. Siddique (Eds). Innovations in Dryland Agriculture. Springer International Publishing Switzerland. pp. 31-46.
3. Nawaz, A. and **M. Farooq**. **2017**. Nutrient management in dryland agriculture. In: Farooq, M. and K.H.M. Siddique (Eds). Innovations in Dryland Agriculture. Springer International Publishing Switzerland. pp. 115-142
4. Arshad, M.S., M. Sanaullah and **M. Farooq**. **2017**. Soil carbon sequestration in dryland agriculture. In: Farooq, M. and K.H.M. Siddique (Eds). Innovations in Dryland Agriculture. Springer International Publishing Switzerland. pp. 469-490
5. **Farooq, M.**, A. Rehman, A. Wahid and K.H.M. Siddique. **2016**. Photosynthesis under heat stress. In: Pessaraki, M. (Ed). Handbook of Photosynthesis, Third Edition, Taylor and Francis Group, LLC 6000 Broken Sound Parkway, Suite 300, Boca Raton, FL 33487 USA. pp. 697-701.
6. Rehman, H., A. Nawaz, A. Wakeel, Y.S. Saharawat and **M. Farooq**. **2015**. Conservation agriculture in South Asia. In: Farooq, M. and K.H.M. Siddique (Eds). Conservation Agriculture. Springer International Publishing Switzerland. pp. 249-283
7. **Farooq, M.** and K.H.M. Siddique. **2015**. Conservation agriculture: concepts, brief history and impacts on agricultural systems. In: Farooq, M. and K.H.M. Siddique (Eds). Conservation Agriculture. Springer International Publishing Switzerland. pp. 3-17
8. Nawaz, A., **M. Farooq**, S.A. Cheema and Z.A. Cheema. **2014**. Role of allelopathy in weed management. In: Chauhan, B.S. and G. Mahajan (Ed). Recent Advances in Weed Management, LLC, 233 Spring Street, New York, NY 10013, USA.
9. **Farooq, M.**, A. Wahid and K.H.M. Siddique. **2014**. Physiology of grain development in cereals. In: Pessaraki, M. (Ed). Handbook of Plant and Crop Physiology, Third Edition, Taylor and Francis Group, LLC 6000 Broken Sound Parkway, Suite 300, Boca Raton, FL 33487 USA.
10. Wahid, A., **M. Farooq** and K.H.M. Siddique. **2014**. Implications of oxidative stress for crop growth and productivity. In: Pessaraki, M. (Ed). Handbook of Plant and Crop Physiology, Third Edition, Taylor and Francis Group, LLC 6000 Broken Sound Parkway, Suite 300, Boca Raton, FL 33487 USA.
11. Aziz, T., M. Sabir, **M. Farooq**, M.A. Maqsood, H.R. Ahmad and E.A. Warraich. **2014**. Phosphorus deficiency in plants: responses, adaptive mechanisms, and signaling. In: Hakeem, K.R., R.U. Tahir and I. Tahir (Eds) Plant signaling: Understanding the molecular cross-talk. Springer, LLC, 233 Spring Street, New York, NY 10013, USA. pp. 133-148.

12. Jabran, K., **M. Farooq**, T. Aziz and K.H.M. Siddique. **2013**. Allelopathy and crop nutrition. In: Cheema, Z.A., M. Farooq and A. Wahid (Eds.). *Allelopathy: Current Trends and Future Applications*. Springer-Verlag, Heidelberg 69121, Germany, pp. 337-348.
13. **Farooq, M.**, M. Hussain, A. Wahid and K.H.M. Siddique. **2013**. Drought stress in plants: an overview. In: Aroca, R. (Ed). *Plant Responses to Drought Stress: From Morphological to Molecular Features*. Springer-Verlag, Germany, pp. 1-36.
14. Cheema, Z.A., **M. Farooq**, and A. Khaliq. **2013**. Application of allelopathy in crop production: success story from Pakistan. In: Cheema, Z.A., M. Farooq and A. Wahid (Eds.). *Allelopathy: Current Trends and Future Applications*. Springer-Verlag, Heidelberg 69121, Germany, pp. 113-144.
15. Maqbool, N., A. Wahid, **M. Farooq** and Z.A. Cheema. **2013**. Allelopathy and abiotic stress interaction in crop plants. In: Cheema, Z.A., M. Farooq and A. Wahid (Eds.). *Allelopathy: Current Trends and Future Applications*. Springer-Verlag, Heidelberg 69121, Germany, pp. 451-468.
16. Jabran, K. and **M. Farooq**. **2013**. Implications of potential allelopathic crops in agricultural systems. In: Cheema, Z.A., M. Farooq and A. Wahid (Eds.). *Allelopathy: Current Trends and Future Applications*. Springer-Verlag, Heidelberg 69121, Germany, pp. 349-388.
17. Hussain, M., **M. Farooq**, S.M.A. Basra and D.J. Lee. **2013**. Application of moringa allelopathy in crop sciences. In: Cheema, Z.A., M. Farooq and A. Wahid (Eds.). *Allelopathy: Current Trends and Future Applications*. Springer-Verlag, Heidelberg 69121, Germany, pp. 469-484.
18. **Farooq, M.**, K.H.M. Siddique and S. Schubert. **2012**. Role of nitric oxide in improving plant resistance against salt stress. In: Ahmad, P., M.M. Azooz and M.N.V. Prasad. *Ecophysiology and Responses of Plants under Salt Stress*. Springer, LLC, 233 Spring Street, New York, NY 10013, USA.
19. Wahid, A., **M. Farooq**, I. Hussain, R. Rasheed and S. Gelani. **2011**. Responses and management of heat stress in plants: In: Ahmad, P. and Prasad, M.N.V. (Eds). *Environmental adaptations and Stress Tolerance of Plants in the Era of Climate Change*. Springer, Netherlands. pp. 135-157.
20. **Farooq, M.**, A. Wahid, S.M.A. Basra and K.H.M. Siddique. **2010**. Improving crop resistance to abiotic stresses through seed invigoration. In: Pessaraki, M. (Ed). *Handbook of Plant and Crop Stress*, Third Edition, Taylor and Francis Group, LLC 6000 Broken Sound Parkway, Suite 300, Boca Raton, FL 33487 USA. pp. 1031–1050.
21. Wahid, A. **M. Farooq**, E. Rasul, S.M.A. Basra and K.H.M. Siddique. **2010**. Germination of seeds and propagules under salt stress. In: Pessaraki, M. (Ed). *Handbook of Plant and Crop Stress*, Third Edition, Taylor and Francis Group, LLC 6000 Broken Sound Parkway, Suite 300, Boca Raton, FL 33487 USA. pp. 321–337.
22. **Farooq, M.**, A. Wahid, N. Kobayashi, D. Fujita and S.M.A. Basra. **2009**. Plant drought stress: effects, mechanisms and management. In: Lichtfouse, E. (Ed.). *Sustainable Agriculture*, Springer, the Netherlands.
23. Wahid, A. **M. Farooq**, R. Rasheed, S. Gelani and E. Rasul. **2009**. Sugarcane under thermal stress: some biotechnological considerations. In: Ashwani Kumar (Ed). *Advances in Biotechnology*. University of Rajasthan, Jaipur, **India**.
24. **Farooq, M.**, S.M.A. Basra, A. Wahid, A. Khaliq and N. Kobayashi. **2009**. Rice seed invigoration: a review. In: Lichtfouse, E. (Ed.). *Organic Farming, Pest Control and Remediation of Soil Pollutants Sustainable Agriculture Reviews*. Springer, the Netherlands. pp. 137-175.
25. Wahid A., M. Arshad and **M. Farooq**. **2009**. Cadmium phytotoxicity: responses, mechanisms and mitigation strategies. In: Lichtfouse, E. (Ed.). *Sustainable Agriculture Reviews– Book Series*, Springer.
26. Cheema, Z.A., A. Khaliq and **M. Farooq**. **2008**. Sorghum Allelopathy for weed management in wheat. In: Zeng, R.S., A. Mallik and R. Lu (Eds.), *Allelopathy in Sustainable Agriculture and Forestry*. Springer.
27. **Farooq, M.** **2007**. Fertilizers in Pakistan. In: Cheema, Z.A. and M. Farooq (Eds.). *Agriculture in Pakistan: Ideological and Pragmatic Perspective*. Allied Book Centre, Urdu Bazar Lahore, Pakistan.
28. **Farooq, M.** **2007**. Pesticides in Pakistan. In: Cheema, Z.A. and M. Farooq (Eds.). *Agriculture in Pakistan: Ideological and Pragmatic Perspective*. Allied Book Centre, Urdu Bazar Lahore, Pakistan.

29. **Farooq, M. 2007.** Transgenic Plants: Concerns and Prospects. In: Cheema, Z.A. and M. Farooq (Eds.). Agriculture in Pakistan: Ideological and Pragmatic Perspective. Allied Book Centre, Urdu Bazar Lahore, Pakistan.

### C- Articles in Peer Reviewed Journals

1. Rehman, A., **M. Farooq**, M. Naved, A. Nawaz and B. Shahzad. **2018.** Seed priming of Zn with endophytic bacteria improves the productivity and grain biofortification of bread wheat. *European Journal of Agronomy* 94:98-107
2. **Farooq, M.**, A. Ullah, D.J. Lee, S.S. Alghamdi and K.H.M. Siddique. **2018.** Desi chickpea genotypes tolerate drought stress better than kabuli types by modulating germination metabolism, trehalose accumulation, and carbon assimilation. *Plant Physiology and Biochemistry* doi 10.1016/j.plaphy.2018.02.020.
3. Riaz, U., G. Murtaza, Saifullah and **M. Farooq**. **2018.** Influence of different sewage sludges and composts on growth, yield and trace elements accumulation in rice and wheat. *Land Degradation and Development* doi 10.1002/ldr.2925.
4. Rehman, A., **M. Farooq**, A. Nawaz, A.M. Al-Sadi, K.S. Al-Hashmi, F. Nadeem and A. Ullah **2018.** Characterizing bread wheat genotypes of Pakistani origin for grain zinc biofortification potential. *Journal of the Science of Food and Agriculture* doi 10.1002/jsfa.9010
5. Hussain, M., S. Farooq, W. Hasan, S. Ul-Allah, M. Tanveer, **M. Farooq** and A. Nawaz. **2018.** Drought stress in sunflower: Physiological effects and its management through breeding and agronomic alternatives. *Agricultural Water Management* 201:152-166
6. Riaz, U., G. Murtaza, Saifullah and **M. Farooq**. **2018.** Comparable effect of commercial composts on chemical properties of sandy clay loam soil and accumulation of trace elements in soil-plant system. *International Journal of Agriculture and Biology* 20:85–92.
7. Nurmansyah, S.S. Alghamdi, H.M. Migdadi and **M. Farooq**. **2018.** Morphological and chromosomal abnormalities in gamma radiation-induced mutagenized faba bean genotypes. *International Journal of Radiation Biology* 94:174-185
8. Bajwa, A.A., **M. Farooq** and A. Nawaz. **2018.** Seed priming with sorghum water extract and benzyl amino purine along with surfactant improves germination metabolism and early seedling growth of wheat. *Physiology and Molecular Biology of Plants* 24:239–249
9. **Farooq, M.**, F. Nadeem, M.Y. Arafat, M. Nabeel, S. Musadaq, S.A. Cheema and A. Nawaz. **2018.** Exogenous application of allelopathic water extracts helps improving tolerance against terminal heat and drought stresses in bread wheat (*Triticum aestivum* L. Em. Thell.). *Journal of Agronomy and Crop Sciences* doi: 10.1111/jac.12261
10. **Farooq, M.**, Amanullah, A. Rehman, A. Nawaz, A. Nadeem, A. Wakeel, F. Nadeem and K.H.M. Siddique. **2018.** Application of zinc improves the productivity and biofortification of fine grain aromatic rice grown in dry seeded and puddled transplanted production systems. *Field Crops Research* 216: 53–62.
11. Rehman, A., **M. Farooq**, L. Ozturk, M. Asif and K.H.M. Siddique. **2018.** Zinc nutrition in wheat-based cropping systems. *Plant and Soil* 422:283–315.
12. **Farooq, M.**, A. Nawaz, E. Ahmad, F. Nadeem, M. Hussain and K.H.M. Siddique. **2017.** Using Sorghum to suppress weeds in dry seeded aerobic and puddled transplanted rice. *Field Crops Research* 214:211-218.
13. Ghezal, N., A. Rinez, I. Zribi, **M. Farooq**, L. Troisi, G. Cannazzaf, C. Granito and R. Haouala. **2017.** Stimulatory effect on pea of *Typha angustifolia* L. extracts and their chemical composition. *Journal of Plant Nutrition*. dx.doi.org/10.1080/01904167.2017.1310893
14. Shahzad, M., M. Hussain, **M. Farooq**, S. Farooq, K. Jabran and A. Nawaz. **2017.** Economic assessment of conventional and conservation tillage practices in different wheat-based cropping systems of Punjab, Pakistan. *Environmental Science and Pollution Research* 24:24634–24643.
15. Sita, K., A. Sehgal, B. HanumanthaRao, R.M. Nair, P.V. Vara Prasad, S. Kumar, P.M. Gaur, **M. Farooq**, K.H.M. Siddique, R.K. Varshney and H. Nayyar. **2017.** Food legumes and rising temperatures: effects, adaptive functional mechanisms specific to reproductive growth stage and strategies to improve heat tolerance. *Frontiers in Plant Sciences* <https://doi.org/10.3389/fpls.2017.01658>

16. Al-Doss, A.A., S.A. Al-Faifi, A.I. Ghazy, A.A. Salem, M.A. Khan, M. Althamrah, M.H. Ammar, **M. Farooq** and H.M. Migdadi, **2017**. Resistance of annual ryegrass against acetolactate synthase-inhibiting herbicides in wheat fields: field evaluation and molecular analysis. *International Journal of Agriculture and Biology* **19**:1401–1408
17. Wakeel, A., H. Rehman, M.U. Mubarak, A.I. Dar and **M. Farooq**. 2017. Potash use in aerobic production system for basmati rice may expand its adaptability as an alternative to flooded rice production system. *Journal of Soil Science and Plant Nutrition*. **17**: 398-409
18. Tabassum, T., **M. Farooq**, R. Ahmad and A. Wahid. **2017**. Seed priming and transgenerational drought memory improves tolerance against salt stress in bread wheat. *Plant Physiology and Biochemistry* **18**:362–369
19. Amanullah, **M. Farooq**, A. Rehman, M.S. Arshad, H. Shoukat, A. Nadeem, A. Nawaz, A. Wakeel and F. Nadeem. **2017**. Manganese nutrition improves the productivity and grain biofortification of bread wheat in alkaline calcareous soil. *Experimental Agriculture* doi:10.1017/S0014479717000369
20. Paul, S., M.K. Das, P. Baishya, A. Ramteke, **M. Farooq**, B. Baroowa, R. Sunkar and N. Gogoi. **2017**. Effect of high temperature on yield associated parameters and vascular bundle development in five potato cultivars. *Scientia Horticulturae* **225**:134–140
21. **Farooq, M.**, N. Gogoi, M. Hussain, S. Barthakur, S. Paul, N. Bharadwaj, H.M. Migdadi, S.S. Alghamdi and K.H.M. Siddique. **2017**. Effects, tolerance mechanisms and management of salt stress in grain legumes. *Plant Physiology and Biochemistry* **118**:199-217.
22. **Farooq, M.**, F. Nadeem, N. Gogoi, A. Ullah, S.S. Alghamdi and K.H.M. Siddique. **2017**. Heat stress in grain legumes during reproductive and grain-filling phases. *Crop and Pasture Science* **68**:985–1005
23. Khalid, N., R.S. Khan, M.I. Hussain, **M. Farooq**, A. Ahmad, and I. Ahmad. **2017**. A comprehensive characterisation of safflower oil for its potential applications as a bioactive food ingredient-a review. *Trends in Food Science & Technology* **66**:176-186
24. **Farooq, M.**, A. Nawaz, M.A.M. Chaudhry R. Indrasti and A. Rehman. **2017**. Improving resistance against terminal drought in bread wheat by exogenous application of proline and gamma-aminobutyric acid. *Journal of Agronomy and Crop Science* **203**: 464–472.
25. **Farooq, M.**, A. Nawaz, M.A.M. Chaudhry and A. Rehman. **2017**. Foliage-applied sodium nitroprusside and hydrogen peroxide improves resistance against terminal drought in bread wheat. *Journal of Agronomy and Crop Science* **203**: 473–482.
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27. Awad, Y.M., S.-E. Lee, M.B.M. Ahmed, N.T. Vud, **M. Farooq**, S. Kim, H.S. Kim, M. Vithanage, A.R.A. Usman, M. Al-Wabel, E. Meers, E.E. Kwon, Y.S. Ok. **2017**. Biochar, a potential hydroponic growth substrate, enhances the nutritional status and growth of leafy vegetables. *Journal of Cleaner Production* **156**:581–588
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30. Alghamdi, S.S., S.A. Al-Faifi, H.M. Migdadi, S.L. Al-Rowaily, E.H. El-Harty and **M. Farooq**. **2017**. Genetic diversity and field performance of mung bean, faba bean and lentil genotypes in the Kingdom of Saudi Arabia. *International Journal of Agriculture and Biology* **19**:689–696
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33. Arshad, M.S., **M. Farooq**, F. Asch, J.S.V. Krishna, P.V.V. Prasad and K.H.M. Siddique. **2017**. Thermal stress impacts reproductive development and grain yield in rice. *Plant Physiology and Biochemistry* **115:57-72**
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36. **Farooq, M.**, N. Gogoi, S. Barthakur, B. Baroowa, N. Bharadwaj, S. S. Alghamdi and K.H. M. Siddique. **2017**. Drought stress in grain legumes during reproduction and grain filling. *Journal of Agronomy and Crop Science* **203:81–102**
37. Nawaz, A., **M. Farooq**, R. Lal, A. Rehman, T. Hussain and A. Nadeem. **2017**. Influence of sesbania brown manuring and rice residue mulch on soil health, weeds and system productivity of conservation rice-wheat systems. *Land Degradation and Development* **28: 1078–1090**
38. Shah, M.A., **M. Farooq** and M. Hussain. **2017**. Evaluation of transplanting BT cotton in a cotton-wheat cropping system. *Experimental Agriculture* **53: 227-241**
39. Nawaz, A., R. Lal, R.K. Shrestha and **M. Farooq**. **2017**. Mulching affects soil properties and greenhouse gases emissions under long term no-till and plough till systems in alfisol of central Ohio. *Land Degradation and Development* **28:673–681**.
40. Hussain, M., **M. Farooq**, A. Nawaz, A.M. Al-Sadi, Z.M. Solaiman, S.S. Alghamdi, U. Ammara, Y.S. Ok and K.H.M. Siddique. **2017**. Biochar for crop production: potential benefits and risks. *Journal of Soils and Sediments* **17: 685–716**.
41. Nawaz, A., **M. Farooq**, R. Lal, A. Rehman and H. Rehman. **2017**. Comparison of conventional and conservation rice-wheat systems in Punjab, Pakistan. *Soil and Tillage Research*. **169: 35–43**
42. Paul, S., **M. Farooq** and N. Gogoi. **2017**. Management strategies for sustainable yield of potato crop under high temperature. *Archives of Agronomy and Soil Science* **63: 276-287**.
43. Bajwa, A.A. and **M. Farooq**. **2017**. Seed priming with sorghum water extract and benzyl amino purine along with surfactant improves germination metabolism and early seedling growth of wheat. *Archives of Agronomy and Soil Science* **63:319-329**.
44. **Farooq, M.**, M. Hussain, A. Nawaz, D.-J. Lee, S.S. Alghamdi and K.H.M. Siddique. **2017**. Seed priming improves chilling tolerance in chickpea by modulating germination metabolism, trehalose accumulation and carbon assimilation. *Plant Physiology and Biochemistry* **111: 274–283**
45. Iqbal, S., **M. Farooq**, S.A. Cheema and I. Afzal, **2017**. Boron seed priming improves the seedling emergence, growth, grain yield and grain biofortification of bread wheat. *International Journal of Agriculture and Biology* **19: 177–182**.
46. Cheema, S.A., M.I. Khan, X. Tang, C. Shen, **M. Farooq** and Y. Chen. **2016**. Surfactant enhanced pyrene degradation in the rhizosphere of tall fescue (*Festuca arundinacea*). *Environmental Science and Pollution Research* **23:18129–18136**.
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49. Rehman, A. and **M. Farooq**. **2016**. Zinc seed coating improves the growth, grain yield and grain biofortification of bread wheat. *Acta Physiologiae Plantarum* **38: 238**.
50. Baroowa, B., N. Gogoi and **M. Farooq**. **2016**. Changes in physiological, biochemical and antioxidant enzyme activities of green gram (*Vigna radiata* L.) genotypes under drought. *Acta Physiologiae Plantarum* **38:219**.
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52. Batool, A., A. Wahid and **M. Farooq**. **2016**. Evaluation of aqueous extracts of moringa leaf and flower applied through medium supplementation for reducing heat stress induced oxidative damage in maize. *International Journal of Agriculture and Biology* **18:757–764**.

53. Khan, M.A., M.H. Ammar, H.M. Migdadi, E.H. El-Harty, S.A. Alfaifi, **M. Farooq** and S.S. Alghamdi. **2016**. Field performance and genetic diversity of chickpea genotypes. *International Journal of Agriculture and Biology* **18:683–688**.
54. Shahzad, M., **M. Farooq**, K. Jabran and M. Hussain. **2016**. Impact of different crop rotations and tillage systems on weed infestation and productivity of bread wheat. *Crop Protection* **89:161-169**.
55. Shahzad, M., **M. Farooq**, K. Jabran, T.A. Yasir and M. Hussain. **2016**. Influence of various tillage practices on soil physical properties and wheat performance in different wheat-based cropping systems. *International Journal of Agriculture and Biology* **18: 821–829**.
56. Shahzad, M., **M. Farooq** and M. Hussain. **2016**. Weed Spectrum in different wheat-based cropping systems under conservation and conventional tillage practices in Punjab, Pakistan. *Soil and Tillage Research* **163:71–79**
57. Ghezal, N., I. Rinez, H. Sbai, I. Saad, **M. Farooq**, A. Rinez, I. Zribi, R. Haouala. **2016**. Improvement of *Pisum sativum* salt stress tolerance by bio-priming their seeds using *Typha angustifolia* leaves aqueous extract. *South African Journal of Botany* **105:240–250**
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60. Nawaz, A., **M. Farooq**, R. Ahmad, S.M.A. Basra and R. Lal. **2016**. Seed priming improves stand establishment and productivity of no till wheat grown after direct seeded aerobic and transplanted flooded rice. *European Journal of Agronomy* **76:130–137**
61. Jabran, K., M. Hussain, S. Fahad, **M. Farooq**, A.A. Bajwa, H. Alharrby and W. Nasim. **2016**. Economic assessment of different mulches in conventional and water-saving rice production systems. *Environmental Sciences and Pollution Research* **23:9156–9163**
62. Hussain, M., M. Waqas-ul-Haq, S. Farooq, K. Jabran and **M. Farooq**. **2016**. The impact of seed priming and row spacing on the productivity of different cultivars of irrigated wheat under early season drought. *Experimental Agriculture* **52:477–490**
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65. Paul, S., **M. Farooq**, and N. Gogoi. **2016**. Influence of high temperature on carbon assimilation, enzymatic antioxidants and tuber yield of different potato cultivars. *Russian Journal of Plant Physiology* **63:199–205**.
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