

### Research Papers published by KVK Faculty in year 2025

| Title                                                                                                                                                        | Authors name                                                                                                                 | Name of Journal                                                                                                                               | Link                                                                                                                                                                                                                                                                                                                                                                                                                                      | Published in |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Assessment and impact of skill development training programme on farmer, farm women and rural youth in Barnala (Punjab)                                      | Harjot Singh Sohi, P.S. Tanwar, Prateek Jindal, <b>Sanjay Kumar</b> and Rajinder Kaur                                        | Journal of community mobilization and sustainable development, 2026 Vol 21(2) pg 1-7 NAAS - 5.02                                              | <a href="https://www.researchgate.net/publication/404719801_Assessment_and_Impact_of_Skill_Development_Training_Programmes_on_Farmer_Farm_Women_And_Rural_Youth_In_District_Barnala_Punjab">https://www.researchgate.net/publication/404719801_Assessment_and_Impact_of_Skill_Development_Training_Programmes_on_Farmer_Farm_Women_And_Rural_Youth_In_District_Barnala_Punjab</a>                                                         | October 2025 |
| Impact of Seed Priming and Fungicide Seed Treatments on Disease Development, Crop Growth and Yield of Dry Direct-Seeded Basmati Rice in North-Western India, | Buta Singh Dhillon, Virender Kumar, Navjyot Kaur, <b>Sanjay Kumar</b> , Pardeep Sagwal, Chinka Batra and Jagjeet Singh Lore. | Journal of Phytopathology (Wiley Journal) Germany Society. Vol 173 pg e70134 NAAS- 7.10                                                       | <a href="https://www.researchgate.net/publication/394393456_Impact_of_Seed_Priming_and_Fungicide_Seed_Treatments_on_Disease_Development_Crop_Growth_and_Yield_of_Dry_Direct-Seeded_Basmati_Rice_in_North-Western_India">https://www.researchgate.net/publication/394393456_Impact_of_Seed_Priming_and_Fungicide_Seed_Treatments_on_Disease_Development_Crop_Growth_and_Yield_of_Dry_Direct-Seeded_Basmati_Rice_in_North-Western_India</a> | July 2025    |
| QTL mapping and candidate gene identification for sheath blight resistance in rice (Oryza sativa) F3 progenies using QTL-seq analysis                        | Mayur R. Thesiya, Jagjeet S. Lore, Dharminder Bhatia, <b>Sanjay Kumar</b> , Mandeep S. Hunjan, Jyoti Jain and Rupinder Kaur. | Tropical Plant Pathology (Springer journal) Brazilian Phytopathological Society. Vol- 50:63 <a href="https://doi.org/1">https://doi.org/1</a> |                                                                                                                                                                                                                                                                                                                                                                                                                                           | July 2025    |

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|                                                                                                                                                             |                                                                                                                                    | 0.1007/s40858-025-00739-8<br>NAAS- 7.50                                                           |                                                                                                                                                                                   |           |
| QTL-seq identifies genomic region associated with resistance to <i>Bipolaris oryzae</i> and their association with defense related enzymes activity in Rice | Jagjeet Singh Lore, <b>Sanjay Kumar</b> , Dharminder Bhatia, Mandeep Singh Hunjan, Rishabh Maheshwari, Dayananda VPand Jyoti Jain. | Rice Science (ScienceDirect) (China National Rice Research Institute) Vol 33 pg 15<br>NAAS- 11.60 | <a href="https://cgspace.cgiar.org/items/6364c451-63c7-4cc9-b71a-0ef673ebfc15">https://cgspace.cgiar.org/items/6364c451-63c7-4cc9-b71a-0ef673ebfc15</a>                           | July 2025 |
| Evaluation of fungicides, bio-agents and botanicals against root rot disease of pea ( <i>Pisum sativum</i> L.) under in vitro and in vivo conditions        | Ravinder Singh, Narender Singh, Rakesh Kumar Chugh, N. K. Yadav, and <b>Sanjay Kumar</b> .                                         | Journal of community mobilization and sustainable development. Vol 21(2) pg 1-7. NAAS 5.02        |                                                                                                                                                                                   |           |
| Optimization of Buckwheat and Sago Flour Ratios for Developing Nutritious Multigrain Bread                                                                  | Lalita Prakash Masih, Shanker Suwan Singh and <b>Suryendra Singh</b> .                                                             | Asian Journal of Dairy and Food Research, doi10.18805/ajdr.DR-2346<br>NAAS 5.44                   | <a href="https://arccjournals.com/journal/asian-journal-of-dairy-and-food-research/DR-2346">https://arccjournals.com/journal/asian-journal-of-dairy-and-food-research/DR-2346</a> | Nov 2025  |