

| PROFILE                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| Name                              | Dr. Jeevan N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Designation                       | Scientist-B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Division / Department             | Host plant division/ Soil Science section                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Institute                         | CSB-CTRTI, Ranchi-835303                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| Highest Qualification             | Ph.D (Ag.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Area of Work / Research Expertise | Agronomy, Sericulture                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Research Interests (Keywords)     | Soil Science, Agronomy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Current Projects                  | <p>1. <b>[PPA 04023 SIC]</b> Identification of suitable package of practices for establishment of <i>Lagerstroemia speciosa</i> (Jarul) for quality leaf production (March, 2024 – February, 2029): CI</p> <p>2. <b>[PPA 04024 SIC]</b> Effect of different plant spacing and pruning heights on chawki leaf productivity of tasar host plants (<i>Terminalia arjuna</i>, <i>T. Tomentosa</i> and <i>Lagerstroemia speciosa</i>) and chawki silkworm rearing. (March 2024 – February, 2027): CI</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Five Recent Publications          | <p>1. Jeevan, N. <i>et al.</i> (2024). Drone-assisted herbicide optimization for energy efficiency, weed control and economics in transplanted rice (<i>Oryza sativa</i>). The Indian Journal of Agricultural Sciences, 94(11), 1165–1170. <a href="https://doi.org/10.56093/ijas.v94i11.150525">https://doi.org/10.56093/ijas.v94i11.150525</a></p> <p>2. Jeevan, N. <i>et al.</i> (2024). Phytotoxic effect and the efficiency of different herbicides and nitrogen levels on weed control in wheat crop. International Journal of Plant &amp; Soil Science, 36(9), 275–283. <a href="https://doi.org/10.9734/ijpss/2024/v36i94977">https://doi.org/10.9734/ijpss/2024/v36i94977</a></p> <p>3. Jeevan, N. <i>et al.</i> (2024). Advancements in drone technology for weed management: A comprehensive review. International Journal of Agriculture Extension and Social Development, 7(9). <a href="https://doi.org/10.33545/26174693.2024.v8.i9a.2058">https://doi.org/10.33545/26174693.2024.v8.i9a.2058</a></p> <p>4. Jeevan, N. <i>et al.</i> (2023). Effect of different herbicide spray volumes on weed control efficiency of a battery-operated unmanned aerial vehicle sprayer in transplanted rice (<i>Oryza sativa</i> L.). Journal of Applied and Natural Science, 15(3), 972–977. <a href="https://doi.org/10.31018/jans.v15i3.4753">https://doi.org/10.31018/jans.v15i3.4753</a></p> <p>5. Jeevan, N. <i>et al.</i> (2023). Effect of different spray volumes on</p> |

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|                                              | deposition characteristics of a fuel-operated UAV sprayer using herbicides in transplanted rice ( <i>Oryza sativa</i> ). The Indian Journal of Agricultural Sciences, 93(7), 720–725. <a href="https://doi.org/10.56093/ijas.v93i7.133995">https://doi.org/10.56093/ijas.v93i7.133995</a> |
| <b>Google Scholar / ORCID / ResearchGate</b> | <a href="https://orcid.org/0000-0002-7897-1822">https://orcid.org/0000-0002-7897-1822</a>                                                                                                                                                                                                 |
| <b>Professional Achievements</b>             | Awards-5, Patents-2, publications-20                                                                                                                                                                                                                                                      |