

### Externally Funded Projects (2024-25)

| Project No.                        | Project title                                                                                                                                              | Project leader   | Co-PI/Associates                                                                                                                                                  |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1050761086                         | DUS Centre for coconut                                                                                                                                     | V. Niral         | K. Samsudeen                                                                                                                                                      |
| 1050761114                         | Development of DUS testing criteria and establishment of gene bank for arecanut                                                                            | N.R. Nagaraja    | Arun Kumar Sit, L.S. Singh                                                                                                                                        |
| 1050761115                         | DUS Centre for cocoa                                                                                                                                       | S. Elain Apshara | —                                                                                                                                                                 |
| 2010760004                         | Seed Production in Coconut, Arecanut and Cocoa (Revolving Fund Scheme)                                                                                     | K. Samsudeen     | V. Niral, S. Elain Apshara, N.R. Nagaraja, Regi Jacob Thomas, M. Shareefa, Y. Diwakar, R. Sudha, T.N. Ranjini, Arun Kumar Sit, L.S. Singh, M.K. Rajesh, K.M. Anes |
| 1050761150                         | Identification of drought tolerant coconut palms in Tamil Nadu and utilization for developing adaptive gene pool                                           | K. Samsudeen     | P. Subramanian, V. Niral                                                                                                                                          |
| 1050761151                         | Evaluation of Farmer's 'MM 20' Betel Vine variety                                                                                                          | A.K. Sit         | V. Niral                                                                                                                                                          |
| 1050761142                         | Refinement of <i>in vitro</i> inflorescence culture of coconut for mass multiplication of true-to-type planting material                                   | M. Shareefa      | Regi J. Thomas, M.K. Rajesh                                                                                                                                       |
| 1050761156                         | Cocoa seed gardens/ clonal orchards – Establishment and enrichment                                                                                         | S. Elain Apshara | M. Chaithra                                                                                                                                                       |
| 1050761157                         | Establishment of centre of excellence of biotechnology for plantation crops breeding                                                                       | N.R. Nagaraja    | S. Elain Apshara                                                                                                                                                  |
| 1050761143                         | Impact of water/ soil moisture conservation to enhancing production of coconut under rainfed and deficit irrigated farms                                   | P. Subramanian   | Ravi Bhat, C. Thamban, S. Paulraj, Surekha, V. Selvamani                                                                                                          |
| 1050761155                         | Demonstration of Kalpa Vardhini as a component of integrated nutrient management for sustained soil and palm health of coconut                             | Jeena Mathew     | A. Abdul Haris, S. Indhuja                                                                                                                                        |
| HORTPCSOL 202401300138/ 1050761171 | Integration of beekeeping and mushroom cultivation to increase the income of farmers under plantation based cropping system in coastal region of Karnataka | T.N. Madhu       | Rajkumar, R. Thava Prakasa Pandian, E.K. Saneera                                                                                                                  |

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| 1050761149         | Diversity analysis of <i>Ganoderma</i> sp. infecting coconut and their eco-friendly management                  | Daliyamol                       | V.H. Prathibha, Vinayaka Hegde, L.S. Singh                                                                                        |
| 1050761158         | Design, fabrication and field demonstration of portable electrical in-situ cocosap concentrator                 | K. B. Hebbar                    | M.R. Manikantan, S.V. Ramesh                                                                                                      |
| 1050761159         | <i>In situ</i> structure for recording real-time observation on coconut crown                                   | Ravi Bhat                       | V. Niral, Vinayaka Hegde, A. Abdul Haris, Jeena Mathew, V. Selvamani, A. Kireeti (AICRPP, Ambajipeta), Ruby Rani (AICRPP, Sabour) |
| 1050761117         | Participatory technology integration to empower and ensure livelihood security of farmers in Alappuzha district | K.B. Hebbar/<br>P. Anithakumari | A. Josephrajakumar, Merin Babu, K. Nihad, Jeena Mathew, S. Indhuja, M. Shareefa, K.M. Anes                                        |
| 1050761137         | Farmer Producer Organization with ICAR-CPCRI as Producer Organization Promoting Institution (POPI)              | P. Anithakumari                 | A. Joseph Rajkumar, Merin Babu, M. Shareefa, Jeena Mathew, K. Nihad, S. Indhuja                                                   |
| 1050761162         | Global value chain analysis of plantation crops of India with special emphasis on food safety standards         | S. Jayasekhar                   | K.P. Chandran                                                                                                                     |
| 1050761168         | Value chain analysis of arecanut in India                                                                       | S. Jayasekhar                   | K.P. Chandran                                                                                                                     |
| 1050761163         | Standardisation of fruit weight conversion factor for coconut production in India                               | K.P. Chandran                   | K. Muralidharan, S. Jayasekhar, B. Augustine Jerard, S. Sumitha, P.P. Shameena Beegum, K.M. Anes, and Jilu V. Sajan               |
| 2010760007         | Intellectual property management and transfer/ commercialization of agricultural technology scheme              | K. Muralidharan                 | S. Jayasekhar, R. Sudha, Rajkumar                                                                                                 |
| 1050761110         | Establishment of Agri-Business Incubation (ABI) Center at ICAR-CPCRI, Kasaragod                                 | K. Muralidharan                 | M.R. Manikantan, K. Ponnusamy                                                                                                     |
| 1050761136         | Establishing demonstration plots on arecanut dwarf hybrids                                                      | N.R. Nagaraja                   | Rajkumar                                                                                                                          |

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| 1050761152                               | Front Line Demonstration of biointensive integrated pest management strategies for coconut white grub <i>Leucopholis coneophora</i> Burmeister (CDB) | P. S. Prathibha       | Jilu V. Sajan, C. Thamban, Rajkumar, S. Neenu                                                                                                                                        |
| 1050761153                               | Demonstration of effective and eco-friendly management of white grubs using entomopathogenic nematodes in arecanut                                   | Rajkumar              | N. R. Nagaraja, Bhavishya, Surekha, M. Sujithra, V.H. Prathibha, T.N. Madhu, R. Thava Prakasa Pandian, and E.K. Saneera                                                              |
| 1050761165                               | Coconut based enterprises in Lakshadweep Island: Present status and development of a revamped strategic framework                                    | C. Thamban            | K.P. Chandran, S. Jayasekhar, P.P. Shameena Beegum, P.N. Ananth, KVK Lakshadweep                                                                                                     |
| 1050761167                               | Natural farming in coconut based farming system – An analysis of farmers experiences and impact                                                      | C. Thamban            | B. Augustine Jerard, P. Subramanian, Ravi Bhat, Surekha, K.P. Chandran, S. Jayasekhar, S. Sumitha, S. Paulraj, S. Neenu From AICRP centres: Jagadeesha, C. Sudhalakshmi, A. Kireeti, |
| 1050761169/<br>HORTPCSOL<br>202401100136 | Agricultural Technology Entrepreneurship Incubation Center for integrated development in Muthukulam Block Panchayat                                  | P. Anithakumari       | S. Indhuja, M. Shareefa, K.M. Anes                                                                                                                                                   |
| HORTPCSOL<br>202401200137                | Participatory Demonstration Plots of Cinnamon intercropping in coconut                                                                               | Surekha               | P. Subramanian, Ravi Bhat, Alka Gupta, V. Selvamani, S.V. Ramesh, Rajkumar                                                                                                           |
| HORTPCSOL<br>202401400139                | Laying out demonstration plots for demonstration of technologies for integrated management of root (wilt) disease of coconut                         | Regi Jacob Thomas     |                                                                                                                                                                                      |
| HORTPCSOL<br>202401600141                | A comparative study on the performance of cocoa ( <i>Theobroma cacao</i> L.) in intensive monocropping and mixed cropping system                     | Ravi Bhat             | Elain Apshara, S., Anok Uchoi, Bhavishya, R. Thava Prakasa Pandian, T.N. Madhu, Jagadesha (AICRP Centre on palms, HRS, Arasikere Kreeti, (AICRP Centre on                            |

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|                           |                                                                                                |                       | <p>palms, HRS, Ambajipeta)<br/> Basavana Gowda (KVK, Taralabalu, Davanagere)<br/> Sudha Lakshmi (AICRP Centre on palms, ARS, Aliyarnagar)<br/> Augustine Jerard, PC (Palms)<br/> P. Subramanian, Head, Crop Production division</p> |
| HORTPCSOL<br>202401700142 | Cocoa based FPO in Kottayam district                                                           | Regi J Thomas         |                                                                                                                                                                                                                                     |
| HORTPCSOL<br>202401800143 | Establishment of demonstration plots on arecanut based multispecies cropping system at Tripura | L.S. Singh            |                                                                                                                                                                                                                                     |