

Priority Setting, Monitoring & Evaluation Cell
INDIAN AGRICULTURAL RESEARCH INSTITUTE
NEW DELHI - 110012

No.4-11/2017-PME-II(RC)

September 19th, 2017

ENDORSEMENT

Sub: Approval of Consultancy project entitled "Dissemination of entomopathogenic nematode based *Galleria cadaver* technology for the management of insect pests in grape vineyards of Maharashtra and tea gardens in West Bengal and Assam".

The Consultancy project proposal entitled as mentioned above has been approved by the Director, IARI. This is for information and further necessary action to:

1. Head, Division of Nematology, IARI
2. Dr. Sharad Mohan, Principal Scientist, Division of Nematology, IARI.
3. Comptroller, IARI. This is also to inform that Joint Director (Res.), IARI has approved the implementation of the project at Division of Nematology, under the Piship of Dr. Sharad Mohan, Principal Scientist, Division of Nematology. The Institutional charges as approved may please be deducted at your end.
4. F&AO (Audit-V), IARI
5. Principal Scientist-PME-I (RPM), IARI.
6. A.A.O, Nematology, IARI.
7. A.A.O., (P-I)/A.A.O. (Store), IARI.

21/9/17

22/9/17

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22/9/17

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(M. Jayarathi)
Incharge, PME Cell

**Priority Setting, Monitoring & Evaluation Cell
INDIAN AGRICULTURAL RESEARCH INSTITUTE
NEW DELHI – 110012**

No.4-7/2018-PME-II(RC)

October 10, 2018

ENDORSEMENT

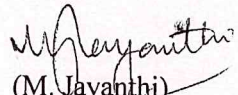
Sub: Approval of two Consultancy Projects.

Joint Director (Research), IARI has permitted to implement the following two consultancy project proposals under the P/ship of Dr. Ravinder Kaur, Principal Scientist, WTC:

1. "Designing an IARI Technology Based Wastewater Treatment Facility for Residential Boarding School Jawahar Navodayas Vidyalays, Kansiram Nagar, U.P." at a total cost of Rs.1,03,840/- funded by Construction & Design Services, UP Jal Nigam, Agra.
2. "Designing an IARI Technology Based Wastewater Treatment Facility for All India Women's Conference, New Delhi" at a total cost of Rs.1,12,100/- funded by All India Women's Conference.

This is for information and further necessary action to:

1. Project Director, WTC, IARI
2. Dr. Ravinder Kaur, Principal Scientist, WTC, IARI.
3. Comptroller, IARI. The Institutional charges as approved may please be deducted at your end.
4. F&AO (Audit-V), IARI
5. Principal Scientist-PME-I (RPM), IARI.
6. A.A.O, WTC, IARI.
7. A.A.O., (P-I)/A.A.O. (Store), IARI.


(M. Jayanthi)
Incharge, PME Cell

**Priority Setting, Monitoring & Evaluation Cell
INDIAN AGRICULTURAL RESEARCH INSTITUTE
NEW DELHI – 110012**

No.4-13/2018-PME-II(RC)

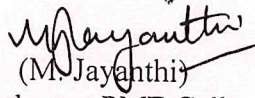
September 19 2019

ENDORSEMENT

Sub: Ex-Post-Facto approval of consultancy project entitled “IRRI consultant at Myanmar for improvement of seed system”.

Joint Director (Research), IARI has permitted to Ex-Post-Facto implement the following above mentioned consultancy project proposal under the PIship of Dr. Arun Kumar M.B., Principal Scientist, Division of SST. This is for information and further necessary action to:

1. Head, Division of SST, IARI
2. Dr. Arun Kumar M.B., Principal Scientist, Division of SST, IARI.
3. Comptroller, IARI. The Institutional income as approved may please be deducted at your end.
4. F&AO (Audit-V), IARI
5. Principal Scientist-PME-I (RPM), IARI.
6. A.A.O, Division of SST, IARI.
7. A.A.O., (P-I)/A.A.O. (Store), IARI.


(M. Jayanthi)
Incharge, PME Cell

**Priority Setting, Monitoring & Evaluation Cell
INDIAN AGRICULTURAL RESEARCH INSTITUTE
NEW DELHI – 110012**

No.4-14/2019-PME-II(RC)

December 19, 2019

ENDORSEMENT

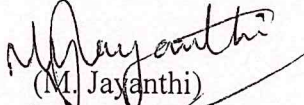
Sub: Approval of two Consultancy Projects.

Joint Director (Research), IARI has permitted to implement the following two consultancy project proposals under the PIsip of Dr. Ravinder Kaur, Principal Scientist, WTC:

1. Designing and IARI Technology based Eco-friendly Wastewater Treatment facility for RK Overseas site in Ghilot Industrial Area, Rajasthan.
2. Designing an IARI Technology based Eco-friendly STP for Construction of polishing unit for the work of Creation of New Water Body at Sector 25, Rohini STP under EE(NW)-II of Delhi Jal Board.

This is for information and further necessary action to:

1. Project Director, WTC, IARI
2. Dr. Ravinder Kaur, Principal Scientist, WTC, IARI.
3. Comptroller, IARI. The Institutional charges as approved may please be deducted at your end.
4. F&AO (Audit-V), IARI
5. Principal Scientist-PME-I (RPM), IARI.
6. A.A.O, WTC, IARI.
7. A.A.O.. (P-I)/A.A.O. (Store), IARI.


(M. Jayanthi)
Incharge, PME Cell

**Priority Setting, Monitoring & Evaluation Cell
INDIAN AGRICULTURAL RESEARCH INSTITUTE
NEW DELHI -- 110012**

No.4-03/2021-PME-II (RC)

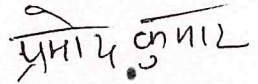
March 07, 2022

ENDORSEMENT

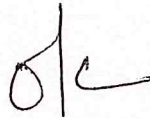
Sub: Consultancy project "To undertake third party audit of plantation survival of Horticulture, Delhi Jal board of NCT of Delhi" submitted by Dr. S. S. Sindhu, Head Division of Floriculture & Landscaping has been approved by funding agency & fund has been received.

The Joint Director (Research) has permitted to implement the above mentioned consultancy project proposal under the PIsip of Dr. S. S. Sindhu, Head, Division of Floriculture & Landscaping. This is for information and further necessary action to:

1. Dr. S. S. Sindhu, Head Division of Floriculture & Landscaping, IARI
2. Comptroller, IARI. The Institutional charges as approved may please be deducted at your end.
3. F&AO (Audit-V), IARI
4. Principal Scientist-PME-I (RPM), IARI
5. A.A.O. , Division of Floriculture & Landscaping, IARI


(Pramod Kumar)
Incharge, PME Cell


21/3/22



**Priority Setting, Monitoring & Evaluation Cell
INDIAN AGRICULTURAL RESEARCH INSTITUTE
NEW DELHI – 110012**

No.4-17/2021-PME-II (RC)

November 26, 2021

ENDORSEMENT

Sub: Consultancy project entitled “Audit of tree plantation survival of Horticulture, South Delhi Municipal Corporation” submitted by Dr. S. S. Sindhu, Head, Division of Floriculture & Landscaping, IARI.

The Joint Director (Research) has permitted to implement the above mentioned consultancy project proposal under the PIship of Dr. S. S. Sindhu, Head, Division of Floriculture & Landscaping. This is for information and further necessary action to:

1. Dr. S. S. Sindhu, Head Division of Floriculture & Landscaping, IARI
- Comptroller, IARI. The Institutional charges as approved may please be deducted at your end.
- F&AO (Audit-V), IARI
4. Principal Scientist-PME-I (RPM), IARI
5. A.A.O. , Division of Floriculture & Landscaping, IARI

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Incharge, PME Cell

Priority Setting, Monitoring & Evaluation Cell
INDIAN AGRICULTURAL RESEARCH INSTITUTE
NEW DELHI – 110012

No.4-19/2020-PME-II (RC)

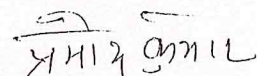
September 30th, 2021

ENDORSEMENT

Sub: Consultancy project entitled “Audit of tree plantation survival of Horticulture, East Delhi Municipal Corporation” submitted by Dr. S. S. Sindhu, Head Division of Floriculture & Landscaping has been approved by funding agency & fund has been received.

The Joint Director (Research) has permitted to implement the above mentioned consultancy project proposal under the PIship of Dr. S. S. Sindhu, Head, Division of Floriculture & Landscaping. This is for information and further necessary action to:

1. Dr. S. S. Sindhu, Head Division of Floriculture & Landscaping, IARI
2. Comptroller, IARI. The Institutional charges as approved may please be deducted at your end.
3. F&AO (Audit-V), IARI
4. Principal Scientist-PME-I (RPM), IARI
5. A.A.O. , Division of Floriculture & Landscaping, IARI



(Pramod Kumar)
Incharge, PME Cell

Priority Setting, Monitoring & Evaluation Cell
INDIAN AGRICULTURAL RESEARCH INSTITUTE
NEW DELHI – 110012

No.4-122020-PME-II(RC)

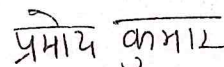
March 31, 2021

ENDORSEMENT

Sub: Consultancy project entitled “Audit of tree plantation survival of Horticulture, Delhi Metro Rail Corporation Ltd” submitted by Dr. S. S. Sindhu, Head Division of Floriculture & Landscaping has been approved by funding agency & fund has been received.

Joint Director (Research) has permitted to implement the above mentioned consultancy project proposal under the PIship of Dr. S. S. Sindhu, Head Division of Floriculture & Landscaping. This is for information and further necessary action to:

1. Dr. S. S. Sindhu, Head Division of Floriculture & Landscaping
2. Comptroller, IARI. The Institutional charges as approved may please be deducted at your end.
3. F&AO (Audit-V), IARI
4. Principal Scientist-PME-I (RPM), IARI
5. A.A.O. , Division of Floriculture & Landscaping, IARI
6. A.A.O. , (P-I)/A.A.O. (Store), IARI.



(Pramod Kumar)
Incharge, PME Cell

Priority Setting, Monitoring & Evaluation Cell
INDIAN AGRICULTURAL RESEARCH INSTITUTE
NEW DELHI – 110012

No.4-16/2019-PME-II(RC)

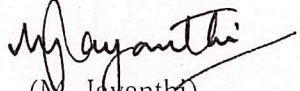
February 17, 2020

ENDORSEMENT

Sub: Approval of Consultancy proposals for designing an IARI Technology Based Eco-friendly Wastewater Treatment Facility for Residential Boarding School Jawahar Navodaya Vidyalaya at Rasulpur, Palwal, Haryana.

Joint Director (Research), IARI has permitted to implement the above mentioned consultancy project proposal under the P/ship of Ravinder Kaur, Principal Scientist, WTC. This is for information and further necessary action to:

1. Project Director, WTC, IARI
2. Dr. Ravinder Kaur, Principal Scientist, WTC, IARI.
3. Comptroller, IARI. The Institutional charges as approved may please be deducted at your end.
4. F&AO (Audit-V), IARI
5. Principal Scientist-PME-I (RPM), IARI.
6. A.A.O, WTC, IARI.
7. A.A.O., (P-I)/A.A.O. (Store), IARI.


(M. Jayanthi)
Incharge, PME Cell

Priority Setting, Monitoring & Evaluation Cell
INDIAN AGRICULTURE RESEARCH INSTITUTE
NEW DELHI-110012.

No.4-12/2019-PME-II(RC)

January 04, 2020

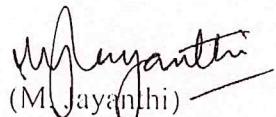
ENDORSEMENT

Sub: Approval of consultancy project entitled "IRRI consultant at Myanmar for improvement of seed system".

Joint Director (Research), IARI has permitted to implement the above mentioned consultancy project proposal under the P/ship of Dr. Arun Kumar M.B., Principal Scientist, Division of SST. This is for information and further necessary action to:

1. Head, Division of SST, IARI
2. Dr. Arun Kumar M.B., Principal Scientist, Division of SST, IARI.
3. Comptroller, IARI. The Institutional income as approved may please be deducted at your end.
4. F&AO (Audit-V), IARI
5. Principal Scientist-PME-I (RPM), IARI.
6. A.A.O., Division of SST, IARI.
7. A.A.O., (P-I)/A.A.O. (Store), IARI.

Revised by
15/01/20


(M. Jayanthi)
Incharge, PME Cell

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भा.कृ.अनु.प.-भारतीय कृषि अनुसंधान संस्थान, नई दिल्ली-110012
ICAR-INDIAN AGRICULTURAL RESEARCH INSTITUTE
(A Deemed to be University Under Section 3 of UGC Act, 1956)
NEW DELHI-110012



डॉ प्रमोद कुमार

प्रधान वैज्ञानिक एवं प्रभारी, पी.एम.ई

Dr. Pramod Kumar

Principal Scientist & Incharge, PME

Phones : 011-2584 2416

Fax : 011-2584 6420

E-mail : incharge_pme@iari.res.in

Website : www.iari.res.in

Date: 14.12.2022

CERTIFICATE

It is certified that the funds/ grants received from the various Non-governmental bodies, individuals, philanthropists during the years 2017-18, 2018-19, 2019-20, 2020-21, 2021-22 is as per appended list.

This is being issued for the purpose of NAAC accreditation of IARI.

प्रमोद कुमार

(Pramod Kumar)
Principal Scientist & Incharge, PME
ICAR-Indian Agricultural Research Institute
Pusa, New Delhi-110012

6.4.3 Funds/grants received from Non-Government Organizations, Individuals, Philanthropists during the period 2017-18 to 2021-22

List of Consultancy Projects

| S.No | Title of the Project | Name of the Scientist | Name of the funding agency | Date of Start | Date of termination | Sanctioned cost at the time of approval of project. |
|-------------------|--|---|---|---------------|---------------------|---|
| 2017- 2018 | | | | | | |
| 1 | “Dissemination of entomopathogenic----- tea garden in West Bengal and Assam | Dr. Sharad Mohan, PS, Division of Nematology | Ajay Bio tech (India) Ltd. | 19.9.2017 | 18.9.2019 | 28,94,458/- |
| 2018-19 | | | | | | |
| 2 | “Designing an IARI Technology Based Wastewater Treatment Facility for Residential Boarding School Jawahar Navodayas Vidyalays, Kansiram Nagar, U.P.” | Dr. Ravinder Kaur, Principal Scientist, WTC, IARI | Construction & Design Services, UP Jal Nigam, Agra | 20.10.18 | 11.01.19 | 1,03,840/- |
| 3 | “Designing an IARI Technology Based Wastewater Treatment Facility for All India Women’s Conference, New Delhi” | Dr. Ravinder Kaur, Principal Scientist, WTC, IARI | All India Women’s Conference | 20.10.18 | 15.2.19 | 1,12,100/- |
| 4 | “IRRI-consultant at Myanmar for improvement of seed system” | Dr. Arun Kumar M.B., Principal Scientist, Division of SST | Individual consultancy IRRI, Mynmar | 25.2.2019 | June 2019 | \$12000/- |
| 2019-2020 | | | | | | |
| 5 | Designing and IARI Technology based Eco-friendly Wastewater Treatment facility for RK Overseas site in Ghilot Industrial Area, Rajasthan | Dr. Ravinder Kaur Principal Scientist WTC | RK Overseas, 6/9 Kirti Nagar Industrial Area, new Delhi | 3.12.19 | 01.06.2020 | 5,90,000/- |
| 6 | Designing an IARI Technology based Eco-friendly STP for Construction of polishing unit for the work of Creation of New Water Body at Sector 25, Rohini STP under EE(NW)-II of Delhi Jal Board. | Dr. Ravinder Kaur Principal Scientist WTC | M/s Tirupati Cement Products, C-60, Community Centre, Janakpuri, New Delhi-110058 | 3.12.19 | 18.09.2021 | 9,98,280/- |
| 7 | “IRRI consultant at Myanmar for improvement of seed system”. | Dr. Arun Kumar M.B., Principal Scientist, Division of SST | Individual consultancy IRRI, Philippines, Myanmar | Jan.2020 | | 3,47,900/- USD 4,900/- |
| 8 | “Evaluation of Forecasting Agricultural Output using Space, Agrometeorology and Land Based Observation (FASAL) project”- | Dr. Pramod Kumar, Principal Scientist, Division of Agril. Economics | Mahalanobis National Crop Forecast Centre, Near Krishi Vistar Sadan (MNCFC) | 27.01.20 | 26.4.20 | 4,98,000/ |

| | | | | | | |
|----------------|---|---|---|------------|------------------------------------|------------|
| 9 | “Designing an IARI Technology based Wastewater Treatment Facility for Residential Boarding School Jawahar Navodaya Vidyalaya at Rasulpur, Palwal, Haryana | Dr. Ravinder Kaur Principal Scientist WTC | Project Manager, Unit-12, Construction & Design Services, UP Jal Nigam, Noida | 05.02.2020 | 31.05.2020 | 2,83,000/- |
| 2020-21 | | | | | | |
| 10. | “Audit of tree plantation survival of Horticulture, Delhi Metro Rail Corporation Ltd”. | Dr. S.S. Sindhu, Head, Division of Floriculture and Landscaping | Delhi Metro Rail Corporation Ltd. (DMRC) | 31.03.2021 | 31.03.2022 | 2,12,990/- |
| 2021-22 | | | | | | |
| 11. | Audit of tree plantation survival of Horticulture, East Delhi Municipal Corporation | Dr. S.S. Sindhu, Head, Division of Floriculture and Landscaping | East Delhi Municipal Corporation | 30.09.2021 | 31.03.2022 (Extend 31.07.2022) | 6,49,000/- |
| 12. | Audit of tree plantation survival of Horticulture, South Delhi Municipal Corporation | Dr. S.S. Sindhu, Head, Division of Floriculture and Landscaping-PI Dr. Prativa Anand, Scientist, FLS Dr. Markandey Singh, PS, FLS Dr. M.C Singh, PS, FLS | South Delhi Municipal Corporation | 26.11.2021 | 31.03.2022 (Extend 31.07.2022) | 5,01,724/- |
| 13 | Urban Agriculture Expert: Climate- and nutrition-smart agriculture in Nauru Island | Dr. Shrawan Singh, Senior Scientist, Division of Vegetable Science | Assian Development Bank, Manila philippines | 03.01.2022 | 30.07.2022 Extended 31.012.2022 | 11,000 USD |
| 14 | To undertake third party audit of plantation survival of Horticulture, Delhi Jal Board of NCT of Delhi | Dr. S.S. Sindhu, Head, Division of Floriculture and Landscaping-PI Dr. Kishan Swaroop, PS, FLS Dr. Markandey Singh, PS, FLS | Delhi Jal Board/Director | 07.03.2022 | 31.03.2022 Extended 31.07.2022 | 5,23,802/- |

List of Contract Research Projects

| S.No | Title of the Project | Name of the Scientist | Name of the funding agency | Date of Start | Date of termination | Sanctioned cost (in Rs.) |
|----------------|--|---|---|---------------|--|--------------------------|
| 2017-18 | | | | | | |
| 1. | “Assessment of Climate Change Impacts, Vulnerability and Adaptation: a regional assessment on agriculture’ for enabling India’s Third National Communication to UNFCCC: agriculture” | Dr. Naresh Kumar, Dr. S.D. Singh Dr. SK Bandyopadhyay Dr. R. Padaria Dr. Subhash Chander Dr. Parimal Sinha | Ministry of Environment, Forest and Climate Change (MoEFCC) | 26.7.2017 | 25.6.2018 Extended upto 30.6. 2019 Extended upto June,2020 Extended upto Aug. 2020 | 30,89,000/- +GST |
| 2. | “Evaluation of ‘Plant nutrient supplements’ for productivity and nutrient use efficiency of major cropping system” | Dr. R.S. Bana, Scientist-PI, Dr. Kapila Shekhawat Dr. V.K. Singh Dr. Minakshi Grover, Dr. Mahendra Singh, Dr. M.C. Meena | Indogulf Cropsciences Ltd. | 27.7.2017 | 26.6.2019 Extended upto 31.10.19 | 15,33,525/- |
| 3. | “Studies on monitoring and management of insect pests using innovative pheromone formulations” | Dr. Suresh Nebapure Dr. Shashank PR | ATGC Biotech Pvt. Ltd. | 28.8.17 | 27.7.19 | 10,86,336/- |
| 4. | “Agronomic Evaluation of ZnO Nanoparticle Embedded N:P:K (15:15:15) Complex fertilizer in rice-wheat cropping system” | Dr. Dinesh Kumrar Dr. Y.S. Shivay Dr. V.K. Singh | Rashtriya Chemicals & Fertilizers Limited | 28.8.17 | 27.7.19 | 14,88,783/- |
| 5. | “Product optimization of antioxidant rich green leafy vegetables (GLVs) based reconstitutable power. | Dr. Bindvi Arora-PI Dr. VR Sagar Dr. Alka Joshi Dr. Shruti Sethi Division of FS&PHT | Bharat Budhiraja, KrIsh Perennials Pvt. Ltd | 16.8.2017 | 15.7.2018 | 8,18,549/- |
| 6. | “Development and Evaluation of Enriched Organic Manure with Rock Phosphate for Enhancing Crop Production and Soil Fertility” | Dr. D.R. Biswas Dr. Debarup Das Dr. T.K. Das, Div. of Agronomy | M/s Giriganga Infrasolutions Private limited to | 7.11.2017 | 6.11.2019 | 27,22,614/- |

| | | | | | | |
|----------------|--|--|---|------------|-------------|-------------|
| | | | Aquagreen Engineering Management Pvt. Ltd. (AEMPL) | | | |
| 7. | “Developing need based precision technologies for Viticulture’ | Dr. R.N. Sahoo, PS-PI Dr. D.K. Das, Sr. Scientist Dr. P. Krishnan, Head Dr. Nilimesh Mridha, Scientist | M/s Mahindra & Mahindra Ltd | Oct., 2017 | March, 2018 | 14,45,826/- |
| 8. | “Evaluation of Quinalphos and its analogous against <i>Helicoverpa armigera</i> and <i>Aphis gossypil</i> ” | Dr. J.P. Singh, PS, Entomology-PI Dr. Suresh M. Nebapure, Scientist | Gharda Chemicals Limited, Maharashtra | 20.3.18 | 19.8.18 | 2,45,110/- |
| 2018-19 | | | | | | |
| 9. | “Bio-efficacy study of APN+DFZ 200 SC, Bravo Top 550 SC Penconazole 10 EC in Applie” | Mr. Santosh –Watpade-PI, Scientist, Dr. AK Shukla, PS, Dhanda Farm Sh. Swaroop Lal Sh. Padam Singh Sh. Deepak Kumar Negi Sh. Sunil Sh. Rajesh Sharma Mrs. Rita Verma Sh Begam Sh. Tilak Raj Sh. Daleep Kumar Sh Ram Singh IARI Regional Station, Shimla | Syngenta India Ltd | 19.4.18 | 18.3.20 | 14,87,366/- |
| 10. | “Evaluation of POLY-4 (Polyhalite) in maize and wheat for enhanced yield, K and S use efficiency” | Dr. V.K. Singh, Head, Division of Agronomy-PI Dr. B.S. Dwivedi, Head, Division of SS&AC-Co-PI Dr. Sanjay Singh Rathore, PS, Agro-Co-PI Current-PI, Dr. Rajiv Kumar Singh, PS, Agro. Dr. Kapila Shekhawat, Scientist, Agro-Co-PI Dr. Debarup Das, Scientist, Agro, Co-PI Dr. Pravin Kumar Upadhyay, Co-PI | Sirius Minerals Plc 3 rd Floor Greener House, 68 th Hymarket, London Foreign funded | 09.7.2018 | 08.6.20 | 65,50,000/- |
| 11. | “Bio-efficacy Evaluation of Anti-sprouting agent chlorpropham 50% HN stored potato under controlled condition” | Dr. Ram Asrey, Principal Scientist, Division of FS&PHT-PI Dr. V.R. Sagar-Co-PI | United Phosphorus Limited | 14.9.2018 | 13.3.2019 | 5,00,000/- |
| 12. | “Customization of Engineering and Microbiological Technologies and Development of | Dr. Inder Mani, Head, Ag.Engg-PI Dr. K. Annapurna, Head, Microbiology-Co-PI | CNH Industrial (India) Pvt. Ltd | 27.8.2018 | 26.7.2021 | 68,60,000/- |

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|----------------|---|---|--|-----------|--------------------------|--------------|
| | Business Model for Eco-Friendly and Economical Management of Crop Residue at Farmers Field” | Dr. P.K. Sahoo, PS, Division of Agril. Engg.-Co-PI Dr. Neeru Bhoosan, Incharge, ZTMBPD –CO-PI Dr. Tapan Kumar Khura, Sr. Scientist-Co-PI Dr. Satish D.Lande, Scientist-Co-PI Dr. Roaf Ahmad Parray, Scientist-Co-PI Er. Utpal Ekka, Scientist-Co-PI Dr. (Mrs.) Rashmi Singh, PS-Co-PI Dr. Vankatesh P, Scientist-Co-PI | | | Extended for March, 2023 | |
| 13. | “Enrichment of Pressmud with beneficial microbes to develop phosphorus rich organic manure” | Dr. Lavleen Shukla, Principal Scientist, Division of Microbiology-PI Dr. Archana Suman Dr. K. Annapurna Head, Microbiology | M/s Aquagreen Engineering Management Private Ltd | 18.9.2018 | 17.8.2019 | 12,14,092 |
| 14. | “Evaluation of Potassium Thio-sulphate on Potato Crop for its impact on yield and its attributes” | Dr. Dinesh Kumar, PI, Dr. Y.S. Shivay, PS, Division of Agronomy | Grasim Industries Ltd Unit-Indo Gulf Fertilisers, Noida | 21.12.18 | 20.12.2020 | 9,08,025/- |
| 2019-20 | | | | | | |
| 15. | “Assessing Impact of Cerium and lanthanum Compounds of Ramgad Minerals and Mining Limited on Soil Health and Plant growth | Dr. Mandira Barman, Scientist, Division of SS&AC Dr. Debasis Golui, Co-PI, SS&AC Dr. Devarup Das, Co-PI, SS&AC Dr. B.S. Dwivedi, Co-PI, SS&AC Dr. S. P. Datta, Co-PI, SS&AC | Ramgad Minerals and Mining Limited, Karnataka, India. | 9.4.2019 | | 41,42,688/- |
| 16. | “Assessment and utilization of yellow gypsum in agriculture under variable environment”. | Dr. Bhupinder Singh, RSO and Principal Scientist, CESCRA Dr. Manoj Srivastava-Associate, Dr. Sandeep Kumar, Katrain-CCPI Dr. Mast Ram Dhiman-Associate Dr. Kailash Chandra Sharma-CCPI, Dr. Anil Kumar Singh, Associate, Dr. K.K. Pramanick-CCPI, Dr. DP Walia-Associate , Dr. AK Shukla-Associate, Dr. Madhu Patial-Associate, | TATA Steel Limited | 12.9.2019 | | 247,45,682/- |

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| | | Sh. Santosh Watpade-Associate, Dr. Ravindra Kumar-CCPI, Dr. RN Yadav-CCPI, Dr. M. Sivasamy,-CCPI, Dr. P. Nallathambi-Associate, Dr. C. Uma Maheswari-Associate, Dr. P.Jayaprakash-Associate, Mr. J. Nanjundan-Associate, Dr. J. Berliner-Associate, Dr. BS Patil-CCPI, Dr. Jayant S Bhat-Associate, Dr. Dwijendra Barman-CCPI, Dr. Sujit Sarkar-Associate, Dr. Natasha Gurung-Associate Dr. C. Manjunathan, Associate | | | | |
| 17. | “Study on the impact on vegetation with 10 km radius of plant due to fly ash generated and Primary and Secondary Pollutants on Crop around NTPC-Kudgi”. | Dr. D.S. Gurjar, Sr. Scientist, WTC Dr. Shiv Prasad, PS CESCRA Dr. Sandeep Kumar, Scientist, CESCRA | NTPC-Kudgi | 17.01.2020 | 17.1.2022 Extended Upto 16 July, 2022 | 41,37,943/- |
| 2020-21 | | | | | | |
| 18. | Evaluation of IFFCO Nano-N, Zn & Cu under maize-wheat and pearl millet-mustard cropping at ICAR-IARI, Pusa, New Delhi | Dr. B.S. Dwivedi, Head, Division of SS&AC - PI Dr. V.K. Singh, Head, Agronomy, Current-PI, Dr. PK Upadhayay, Agronomy Dr. GA Rajanna, Agronomy, Co-PI, Dr. Abir Dey, SS&AC Co-PI, Dr. Debarup Das, Co-PI Dr. Vijay Paul, Co-PI, Division of Plant Physiology Dr. Gulab Singh Yadav, Scientist, Agronomy Co-PI Dr. Subhash Babu, Scientist, Agronomy, Co-PI | IFFCO, New Delhi | 25.5.2020 | 25.4.2022 Extended Oct, 2022 | 98,35,276/ |
| 19. | “Fungicide resistance monitoring in pre mature leaf fall (<i>Marssonina coronaria</i>) of applie in Himachal Preadesh” | Mr. Santosh -Watpade, Scientist, IARI Regional Station, Shimla-PI Dr. K.K. Pramanick, Head, | BASF India Ltd | 24.5.2020 | 24.4.2021 | 11,19,773/- |
| 20. | “Testing, Validation and field evaluation for performance of specifically formulated HDPE Laminated Woven Lay Flat Tubes for precision farming agriculture” | Dr. Mam Singh, Principal Scientist, CPCT-PI Dr. P.K. Singh, PS-Co-PI | V.K. Pack Well Pvt | 28.9.2020 | 27.9.2022 | 17,52,000/- |
| 21. | “Evaluating the agronomic performance of Urea-S and other S fertilizer sources in India”. | Dr. V.K. Singh, Head, Division of Agronomy-PI Dr. B.S. Dwivedi, Head, Division of SS&AC-Co-PI | Shell India Pvt. Ltd. | 30.9.2020 | 29.9.2022 | 154,28,500/ |

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| | | Dr. Kapila Shekhawat, Scientist, Agro-Co-PI Current-PI, Dr. Sanjay Singh Rathore, PS, Agro- Dr. Rajiv Kumar Singh, PS, Agro. Dr. Awani Kumar Singh, PS, CPCT, Dr. P.K. Upadhyay, Scientist, Agro, Dr. Mohammad Hashim, Scientist, IARI, Pusa Smastipur, Bihar Dr. K.C. Sharma, PS IARI RS Indore | | | | |
| 22. | Evaluation of efficacy of polymer-coated DAP, P-NCPC and Zn-NCPC in comparison with conventional fertilizers”. | Dr. S.P. Datta, Principal Scientist, Division of SS&AC | Coromandel International Limited, New Delhi | 10.12.2020 | 09.12.2022 | 34,11,026 |
| 23. | “Evaluation the agronomic bio-efficiency of a potential biostimulant in tomato and cauliflower crops under field conditions for improved growth, quality, yield and profit”. | 1. Dr. Dinesh Kumar, Principal Scientist, Division of Agronomy, IARI 2.Dr. Vijay pooniya, Scientist, Division of Agronomy (CO-PI) | Rashtriya Chemicals & Fertilizers Limited | 28.12.2020 | 27.12.2022 | 7,99,919/- |
| 24. | Performance, Testing, Validation and Field demonstration of specifically formulated plastics films used for mulching and polyhouses | Dr. Praveen Kumar Singh, Principal Scientist, CPCT Dr. M.C. Singh PS, CPCT Dr. Sachin Suroshe, PS, CPCT | Borouge (India) Pvt. Ltd., Maharashtra | 11.01.2021 | 1.01.2024 | 17,32,004/- |

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| 2021-22 | | | | | | |
| 25. | Evaluation of fortified NP (7-21-0) liquid and fortified calcium oxide suspension (CaZBo) on growth and productivity of tomato, and cole crops | PI- Dr. Rajiv K. Singh Principal Scientist Division of Agronomy, Co-PI Dr Awani K. Singh, CO-PI Dr Awani K. Singh, Division of Agronomy Dr. Subhash Babu, Scientist, Division of Agronomy, Dr. Pravin Kumar, Scientist, Agoronomy, Co-PI | FMC India Private Limited | 17-06-21 | 16-06-2022 | 10,18,000/- |
| 26. | Evaluation of seaplant extracts and its effect on viral disease management in vegetables (Cucumber and Okra) | PI-Dr. Swati Saha Scientist SS, Regional Station, Pune, Co-PI Dr. G.K Mahapatra, Head, Regional Station, Pune | Sea6Energy Pvt Ltd, Bangalore | 29-07-2021 | 28-07-2022 Estened – September, 2022 | 6,76,925/- |
| 27. | Development and Evaluation of high yielding and nutrient rich Oats variety for Value Addition | PI- Dr. M. Sivasamy, Principal Scientist & Head, Regional Station-Wellington PI- Dr. P. Jayaprakash, Principal Scientist, Regional Station- Wellington Co-PI- Dr. V.K. Vikas, Senior Scientist, Regional Station- Wellington | M/S. Marico India Pvt. Ltd. | 10-09-2021 | 10-09-2024 | 56,72,257/- |
| 28. | Effect of Seaweed extract based growth promoter on crop productivity and soil health | PI-Dr . M.C. Meena, Senior Scientist , Division SS&AC Co-PI- Dr. Abhir Dey, Scientist, Division of SSAC | IFFCO | 21.09.2021 | 20.09.2023 | 16,50,000/- |
| 29 | Foliar fertilization using new fertilizer formulations and bio stimulant for enhancing nutrient-use efficiency and crop productivity | Dr. R.S. Bana, Senior Scientist, Division of Agronomy-PI Dr. Dinesh Kumar, P. Scientist, Division of Agronomy-Co-PI Dr. Raj Singh, Head and PS, Division of | Yara Fertilizer India Pvt Ltd | 18.09.2021 | 17.09.2023 | 18,88,000 |

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| | | Agronomy Co-PI Dr. Gograj Singh Jat, Senior Scientist, Division of Veg. Science, Co-PI Dr. Nirupma Singh, Senior Scientist, Division of Genetics, Co-PI | | | | |
| 30. | Evaluation of Amifol-K, Folur-S and Maxflow-Mg on growth and productivity of okra, Tomato and cucumber crops | PI- Dr. Rajiv K. Singh Principal Scientist Division of Agronomy, Co-PI Dr S.S. Rathore, PS, Divi. of Agronomy. Dr. Kapila Shekhawath, SS, Divi. Of Agronomy. Dr. Awani K. Singh, CO-PI Dr Awani K. Singh, Division of Agronomy Dr. Subhash Babu, Scientist, Division of Agronomy, Dr. Pravin Kumar, Scientist, Agoronomy, Co-PI | Tradecrop Rovensa India pvt ltd. | 18.08.2021 | 17.08.2022 | Rs. 25,00,035.5088/- |
| 31. | Evaluating bio-efficacy, residue toxicity of imazethapyr in herbicide-tolrant wheat (HTW) | Dr. T.K. Dass, PS, Div. of Agronomy-PI Dr. Kapila Shekhawat, SS, Div. of Agronomy Mr. Rishi Raj, Scientist (SS), Div. of Agronomy, Co-PI Dr. T. Banerjee, PS, Div. of Ag. Chemical Dr. M. Shivaswami, Head and PS, RS, Wellington, Co-PI | Mahyco Private Ltd | 05.01.2022 | 04.01.2024 | 11,97,861/- |
| 32. | “Evaluating bio-efficacy, residue and carry-over effect of imazethapyr in herbicide-tolrant wheat (HTW)”. | Dr. T.K. Dass, PS, Div. of Agronomy-PI Dr. Kapila Shekhawat, SS, Div. of Agronomy Mr. Rishi Raj, Scientist (SS), Div. of Agronomy, Co-PI Dr. G. Prabhu Co-PI, Genetics Dr. T. Banerjee, PS, Div. of Ag. Chemical Dr. K.C. Sharma, CC-PI, IARI, RS Indore Dr. Mohammad Hashim, CCPI, IARI RS Pusa Bihar, Dr. Sandeep Kumar, CCPI, Karnal | Mahyco Private Ltd | 28.04.2022 | 28.04.2024 | 24,28,075/- |
| 33. | Evaluation of PII 8007 20% SC toxicity against important agricultural pests under Controlled Condition | Dr. Suresh M. Nebapure, Scientist (SS), Div. of Entomology, PI Dr. Debjani Dey, Head, Div. of Enotomology., Coordinator Dr. Timmanna, Scientist, Div. of Entomology, Co-PI Dr. Rajna S, Scientist, Div. of Entomology, Co-PI | PI Industries | 12.01.2022 | 11.01.2023 | Rs.16,20,280/- |

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| 34. | Remote sensing based customer-centric decision-making platform for agriculture | Dr. V.K. Sehgal, Principal Scientist, Agricultural Physics, PI Dr. R.N. Sahoo, Principal Scientist, Agricultural Physics, Co-PI Dr. Rajiv Ranjan, Scientist, Agricultural Physics, Co-PI Dr. Rajkumar Dhakar, Scientist, Co-PI | Grow Indigo Pvt. Limited | 24.01.2022 | 23.01.2025 | Rs.12,30,445/- |
| 35. | Evaluation and Impact Assessment of Nano Fertilizers on Plant Growth and Development of Wheat | Dr. Rajiv Kumar Singh, Principal Scientist, Agronomy, PI Co-PI Dr S.S. Rathore, PS, Divi. of Agronomy. Dr. Kapila Shekhawath, SS, Divi. Of Agronomy. Dr. Archana Singh, PS, Biochemistry CO-PI Dr Sudhir Kumar, Scientist Dr. Pravin Kumar upadhyay, Scientist, Agronomy, Co-PI | Natural Plant Protection Limited | 13.01.2022 | 12.01.2023 | Rs.29,76,061.59/- |
| 36. | Increase in P uptake using new bioinoculant formulation for enhancing nutrient-use efficiency and crop productivity | Dr. Seema Sangwan, Scientist (Senior Scale), Div. of Microbiology, PI Dr. Sunil Pabb | Indian Potash Limited | 19.02.2022 | 18.02.2025 | Rs.48,44,056/- |

List of Contract Service Projects

| S.No | Title of the Project & Name of the Principal Investigator | Division/Unit/Station where the work was carried out | Name of the funding agency | Date of Start | Date of termination | Sanctioned cost |
|----------------|--|---|--|---------------|---------------------|-----------------|
| 2017-18 | | | | | | |
| 1 | “To study the residue and dissipation of tebuconazole 430SC (Folicur) in Chilli” | Dr. Irani Mukherjee, Prof. & Principal Scientist, Division of Ag. Chemicals | Bayer Crop Science Ltd. | 5.6.2017 | 5.5.2018 | 2,30,000/- |
| 2 | “Efficacy evaluation of Nano-P and Nano-Zn in comparison with conventional fertilizers on major <i>kharif</i> crops” | Dr. B.S. Dwivedi, Head, Division of SS&AC | M/s Coromandel International Limited | 29.6.2017 | 28.5.2019 | 24,76,025/- |
| 3 | “Agronomic and Microbiological Studies on Value added Safe Rock Minerals in Rice-based Cropping System”. | Dr. Y.V. Singh, Principal Scientist, CCUBGA Dr. K. Annapurna, Co PI Dr. G. Abraham, Co-PI Dr. V.K. Sharma, Co-PI, SSAC Dr. Seema Sangwan, Co-PI | Safe Rock Minerals Pvt. Ltd. New Delhi | 21.7.17 | 20.8.2019 | 15,03,625/- |
| 4 | To study the residue and dissipation of Paraquat Dichloride 24% SL on cotton (two seasons) . | Dr. K.K. Sharma Network Coordinator Division of Agril. Chemicals | M/s Syngenta India Ltd. | 21.8.2017 | 20.7.2019 | 12,59,500/- |
| 5 | To study the residue and dissipation of Flomicamid 50% WG on Cotton (at Anand) Flomicamid 50% WG on Paddy” (| Dr. K.K. Sharma Network Coordinator Division of Agril. Chemicals | M/s Meghamani Organics Limited | 21.8.2017 | 20.7.2018 | Rs.10,90,000/- |
| 6 | To study the residue and dissipation of Carbendazim 12% + Mancozeb 63% WP (SAAF) on Cotton and Soybean | Dr. K.K. Sharma Network Coordinator Division of Agril. Chemicals | M/s UPL Limited | 21.8.2017 | 20.7.2019 | 1,68,450/- |
| 7 | To study the residue and dissipation of Chlorpyrifos 20 EC on bean | Dr. K.K. Sharma Network Coordinator Division of Agril. Chemicals | M/s Gharda Chemicals Ltd. | 21.8.2017 | 20.7.2019 | 8,58,750/- |
| 8 | To study the persistence and dissipation study of the persistence and dissipation of “Tebuconazole 430 SC on | Dr. K.K. Sharma Network Coordinator Division of Agril. Chemicals | M/s Bayer CropScience Ltd. | 21.8.2017 | 20.7.2019 | 28,03,000/- |
| 9 | “Residues of Zineb in tobacco leaf and cropped soil at harvest following application of Zineb 75% WP product” | Dr. Tirthankar Banerjee, Sr. Scientist and PI of the Project, Division of Agricultural Chemicals, | M/s Indofil Industries Limited | 30.11.17 | 29.11.18 | 6,60,200/- |
| 10 | Agronomical Field studies on Jump Start 2.0 (Phosphorus solubilizing fungi) in Wheat” | Dr. Y.V. Singh, Principal Scientist, CCUBGA Dr. K. Annapurna, Co-PI Dr. Paranita Jaiswal, Co-PI Dr. VK Sharma, Co-PI, SSAC | Novozymes South Asia Pvt. Ltd. | 20.12.17 | 19.06.18 | 5,33,390/- |

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| 11 | “Characterization of biochar emanated from bio-oil industry” | Dr. T.J. Purakayastha, Principal Scientist, Division of SS&AC Dr. Sarvendra Kumar, CO-PI, SS&AC Dr. Sunanda Biswas, 12C0-PI, SS&AC | Shell Technology Centre | 9.03.2018 revised date 01.04.2019 | 8.2.2019 revised date 31.03.2020 | 23,22,750 |
| 2018-19 | | | | | | |
| 12 | “Testing, Validation and field Demonstration for performance of specifically formulated plastic films used for mulching and polyhouses” | Dr. M.C. Singh-PI Dr. Neelam Patel, I/c CPCT-PI (Selected as a adviser in Niti Ayog) Dr. P.K. Singh-Co-PI Dr. Arun Kumar TV-Co-PI Dr. Neelam Patel, Incharge, CPCT | Ampacet Speciality Products Private Ltd | 28.6.18 | 27.5.21 | 29,39,192/- |
| 13 | “Efficacy of ‘Azomax’ and ‘Ecomax G’ for Enhancement of Yield in Paddy” (Two seasons trials)- | Dr. Ashwani Kumar, Sr. Scientist, IARI Regional Station, Karnal-PI Dr. Anuja Gupta-CoPI Dr. Rakesh Seth-Co-PI Dr. V.K. Pandita-Co-PI | JU Agri Sciences Pvt. Ltd. | 16.7.2018 | 15.6.2020 | 6,53,720/- |
| 14 | “Evaluation of organic products on growth and productivity of rice based cropping systems and Azolla”. | Dr. Y.V. Singh, Principal Scientist, CCUBGA Dr. G. Abraham, Co-PI Dr. JPS Dabas, Co-PI, CATAT Dr. Paranita Jaiswal, Co-PI Dr. VK Sharma, Co-PI, SSAC | M/s Vin Poly Additives Pvt. Ltd. | 30.8.18 | 29.07.19 | 5,56,559/- |
| 15 | “Evaluation of oil based bio-formulation against foliar diseases of tomato”. | Dr. Dinesh Singh, Principal Scientist, Division of Plant Pathology-PI Dr. V. Shanmugam, Sr. Scientist-Co-PI | M/s Tricho Agronica Pvt. Ltd | 22.10.18 | 21.10.20 | 16,97,406/- |
| 2019-20 | | | | | | |
| 16 | “Efficacy of ‘Azomax’ and ‘Ecomax G’ for Enhancement of Yield in Wheat” (Two seasons trials)- | Dr. Ashwani Kumar, Sr. Scientist, IARI Regional Station, Karnal-PI Dr. Anuja Gupta-CoPI Dr. R.N. Yadav-Co-PI Dr. V.K. Pandita-Co-PI | JU Agri Sciences Pvt. Ltd. | 14.8.2019 | 20.07.20 | 5,52,174/- |
| 2020-21 | | | | | | |
| 17 | “Efficacy of Isopyrazam 12.5%+Difenoconazole 12.5% W/v (250 SC) against Pomegranate diseases” reg. | Mr. Santosh Watpade, Scientist, IARI Regional Station, Shimla-PI Dr. K.K. Pramanick, Head, IARI RS Shimla Dr. A.K. Shukla, PS & Incharge Dahda Farm, Shimla | Syngenta India Ltd | 25.5.2020 | 25.4.22 | 13,99,235/ |
| 18 | “Evaluation of Gloit 300 w/v and Scholar | Mr. Santosh Watpade, Scientist, IARI Regional Station, Shimla-PI | Syngenta India Ltd | 07.9.2020 | 25.4.22 | 13,56,681/ |

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| | 230SC against apple diseases” | Dr. K.K. Pramanick, Head, IARI RS Shimla Dr. A.K. Shukla, PS & Incharge Dahda Farm, Shimla | | | | |
| 2021-22 | | | | | | |
| 19 | Efficacy of new agrochemicals on apple (Malus X domestica) | Mr. Santosh Watpade, Scientist, IARI Regional Station, Shimla-PI Dr. K.K. Pramanick, Head, IARI RS Shimla Dr. A.K. Shukla, PS & Incharge Dahda Farm, Shimla | Syngenta India Ltd | 15.04.2021 | 14.04.2023 | 34,04,135 |
| 20 | Evaluation of bio-efficacy of SYN 547407 10% w/v DC against Mites in Apple | Mr. Santosh Watpade, Scientist, IARI Regional Station, Shimla-PI Dr. K.K. Pramanick, Head, IARI RS Shimla Dr. A.K. Shukla, PS & Incharge Dahda Farm, Shimla | Syngenta India Ltd | 21.08.2021 | 20.08.2023 | 15,19,498 |
| 21 | Evaluation of new agrochemical in Apple for fruit retention, yield increase & better fruit quality | Dr. K.K. Pramanick, Head, IARI RS Shimla-PI Dr. Santosh Watpade, Scientist, IARI Regional Station, Shimla Dr. A.K. Shukla, PS & Incharge Dahda Farm, Shimla | Syngenta India Ltd | 26.02.2022 | 25.02.2023 | 7,27,436/- |