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भारतीय मृदा विज्ञान संस्थान (भा०कृ०अनु०प०)
नबीबाग बैरसिया रोड, भोपाल - 462038
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Date: 18/01/2017

Application No. 114-1/IISS/RTI/2017

To,

Sh. Pradeep Jain Aditya
Ex Min. of State for Rural Development,
52, Gusaipura, Jhansi
U.P.
Mob: 9935015005

Sub: Reply to information under RTI Act, 2005- reg.

Sir,

Please find enclosed herewith the information in response to your application received at this end under RTI (Application No. 114-1/IISS/RTI/2017 dated 17/1/2017), which was forwarded by Dr PP Biswas, Pr. Scientist (Soils), NRM Division, KAB-II, ICAR, New Delhi 110012. Further it is informed that the Appellate Authority is Director, ICAR-IISS, Bhopal and his telephone no. is 0755-2730946.

Yours sincerely

(R. Elanchezhian)
Principal Scientist & CPIO

Encl: Information containing 2 pages.

Copy to:

Dr. P.P. Biswas,
Krishi Anusandhan Bhavan-II, Indian Council of Agricultural Research,
Pusa, New Delhi-110012

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Year-wise project and their budget
2014-15

Sl. No	Title of the project	Budget (In lakhs)
1.	Long-term evaluation of integrated plant nutrient supply modules for sustainable productivity in Vertisol	11.90
2.	Network Project on organic farming	90.90
3.	Determination of Baseline Concentration for Delineating Contaminated Areas in Black Soils of central India	14.60
4.	Archaea and Actinobacteria in Vertisols of Central India-Assessment of Diversity, Biogeochemical Processes and Bioinoculant Potential	80.83
5.	Evaluation of efficacy of polysulphate on oil seed crops (soybean-mustard)	5.03
6.	Evaluation of urease inhibitor product (limus) for nutrient use efficiency in cereal crops	17.84
7.	Evaluation of nano-nutrients product (NUALGI) for improving nutrient use efficiency of crops	11.75
8.	Standardization of foliar feeding of zinc for correcting its deficiency and grain enrichment in wheat	6.10
9.	A Rapid Soil Test Kit for making soil test based fertilizer recommendations and preparing soil health card with respect to soil fertility parameters	19.18
10.	Integrated assessment of soil and crops for enhancing productivity and C-sequestration potential of Vertisols of central India under changing climate scenarios	24.70

2015-16

1.	(a) Use of nano sensors network for field detection of temperature and moisture stress in plant and soil. (b) Conversion of naturally occurring plant nutrient containing minerals into nano form by top down approach to enhance the availability of plant nutrients in soil and faster reclamation of problem soils	385.00
2.	Evaluation of efficacy of sulphur and zinc containing complex fertilizers for maximizing yield through balanced nutrition of different crops in India	131.40
3.	Soil quality assessment and developing indices for major soil and production regions of India.	112.80
4.	Consortium Research Platform on Conservation Agriculture (CRP on CA)	350.00
5.	Assessment of important soil properties of India using mid-infrared spectroscopy	17.00
6.	Metagenomic mapping of microbial diversity in rhizosphere of major crops of India and Argentina offsetting production potential.	69.70
7.	Development of customized fertilizer solutions to promote balance fertilization in selective agriculturally important states of India towards crop productivity and farm profitability	12.00
8.	Assessment of Cotton for the remediation of soils contaminated with heavy metals	6.10
9.	Critical limits of Cd for major soil orders of India	17.80
10	Evaluation of efficacy of zinc metalosate and boron metalosate foliar supplements for maximizing yield through balanced nutrition of important crops grown in India	112.91
11	Simulating the effect of elevated CO_2 and temperature on water productivity and nutrient use in soybean-wheat cropping system.	139.85
12	Response of crop to applied Potassium in Vertisols of India.	49.50
13	Upgrading *Mridaparikshak* mini lab Technology-Addition of five parameters viz. available Copper, Manganese. Lime requirement, Gypsum and Calcareousness in *mridaparikshak*	11.28
14	Determination of critical limits for identifying heavy metals contamination and their threats in major soil types of India	23.40

15	In-situ residue decomposition of rice-wheat and sugarcane for enhancing crop productivity and soil health	35.20

2016-17

1.	Hyper-spectral remote sensing approaches to evaluate soil quality and crop productivity of central India	36.97
2.	The Aquasorb project Effect of aquasorb on water and nutrient use efficiency & crop productivity of soybean & tomato in selected soils of India	22.56
3.	India-UK nitrogen Fixation Centre ((IUNFC)	676.784

(Dr R. ELANCHEZHIAN)
CPIO, ICAR-IISS Bhopal