

Project Sanction and Programme for 2015-2017
ICAR-Indian Agricultural Research Institute, New Delhi

Project 1. Development of diagnostics to virus, viroid and Phytoplasmas of Fruits and vegetable Crops –PI : Dr. V. K. Barnwal, Co Pls: Dr. R.K. Jain, Dr. Bikas Mandal, Dr. G.P. Rao, Dr. K. Saritha, Division of Plant Pathology, ICAR-IARI, New Delhi

Targets: A. ELISA based diagnostics for 1. Groundnut bud necrosis virus, (GBNV), 2) Watermelon bud necrosis virus (WBNV), 3) Citrus yellow vein clearing virus (CYVCV), 4. Garlic common latent virus (GaCLV), 5. Chilli leaf curl virus (ChiLCV), 6. Black gram mottle virus (BMoV) and 7) Apple mosaic virus (ApMV)

B. LFD based diagnostics for Groundnut bud necrosis virus (GBNV) and Citrus yellow vein clearing virus (CYVCV)

C. PCR based diagnostics to Viroid and Phytoplasmas of Grapevine and Garlic

D. Microarray based diagnostics to Virus, viroid and phytoplasma of Garlic, Grape vine and Potato

Project 2. Utilization and application of diagnostics for virus resistance identification in chilli and okra, production of virus free Kinnow Mandarin - PI : Dr. Bikas Mandal, CoPIs: Dr. V. K. Barnwal, Dr. K. Saritha, Dr Amalendu Ghosh

- A. Identification of Chilli leaf curl resistance in Chilli
- B. Identification of Okra yellow vein and enation leaf curl virus resistance in Okra
- C. Certification of Kinnow mandarin planting material free from virus and virus like pathogens

3. Budget for 2015-16 in lakhs

A. Capital	1. Works & Repairs	0.00
	Renovation of glass houses	10.00
	2. Equipments	0.00
	Subtotal	10.00
B. Revenue	1. Establishment charges	0.00
	2. Traveling allowances	2.00
	3. Research expenses	14.28
	4. Operational Expenses*	10.00
	5. HRD with in India	3.00
	Subtotal	29.28
Grand Total		39.28

*: Includes Contractual services of Three SRFs

Amalendu Ghosh



भाकृअनुप – भारतीय बागवानी अनुसंधान संस्थान

हेसरघट्टा लेक पोस्ट, बैंगलूरु - 560 089

ICAR - INDIAN INSTITUTE OF HORTICULTURAL RESEARCH

Hessaraghatta Lake Post, Bengaluru-560 089



❖ सरदार पटेल उत्कृष्ट भाकृअनुप संस्थान पुरस्कार 2010 ❖
❖ Sardar Patel Outstanding ICAR Institution Award 2010 ❖

Ref: F.No. 16-7/PP/ICAR-CRP/16-17/30
Bangalore, 30.01.17

To

The Director

ICAR-Indian Agricultural Research Institute

Pusa, New Delhi -110012

Sir

Sub: Final budget revision and release for the implementation of ICAR-Consortia Research Platform (CRP) on Vaccines and diagnostics for the Year 2016-17 reg.

I am pleased to invite your kind attention to the above subject that Council has reduced within the sanctioned budget and accordingly the revised sanction approved for your center is as mentioned below. As per our previous release there is additional amount released to your center which is 15.36 lakhs. An amount of Rs 15.00 lakhs may be remitted back to ICAR-IIHR Current Account no. 1805602914, IFSC CBIN0283973 Immediately, so that the funds have to be redistributed to the other centers. The transaction ID details may be furnished immediately after the transfer of funds through RTGS.

With regards

Yours Faithfully

(M. Krishna Reddy)

Coordinator, CRP on Vaccines & Diagnostics

S.No.	Particulars	Works	Equipment	TA	Research	Operational	HRD	Total
A	BE 2016-17	12.00	24.00	4.50	30.00	22.00	0.00	92.50
B	Carried forward 2015-16	0.0	19.26	0.50	7.20	7.90	3.00	37.86
C	Released upto sept 2016	3.0	0.00	0.00	6.00	6.00	0.00	15.00
D	Release proposed upto Dec.2016	12.00	5.74	4.50	16.8	9.96	6.00	55.00
E	Progressive release(B+C+D)	15.00	25.00	5.00	30.00	23.86	9.00	107.86
F	Progressive balance (A-E)	-3.00	-1.00	-0.50	0.00	-1.86	-9.00	-15.36



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Budget Sanction for 2016-2017 for Project 1. Development of diagnostics to virus, viroid and Phytoplasmas of Fruits and vegetable Crops –PI : Dr. V. K. Barnwal, Co Pls: Dr. R.K. Jain, Dr. Bikas Mandal, Dr. G.P. Rao, Dr. R. P. Pant, Dr. K. Saritha, Division of Plant Pathology, ICAR-IARI, New Delhi

S.No.	Particulars	Works	Equipment	TA	Research	Operational	HRD	Total
A	BE 2016-17	2.00	12.00	2.25	15.00	11.00	0.00	42.25
B	Carried forward 2015-16	0.0	10.00	0.25	3.60	3.95	1.50	19.30
C	Released upto sept 2016	0.0	1.50	0.00	3.00	3.00	0.00	7.50
D	Release proposed upto Dec.2016	3.00	1.24	2.25	8.40	4.98	3.00	22.87
E	Progressive release(B+C+D)	3.00	12.74	2.50	15.00	11.93	4.50	49.67
F	Progressive balance (A-E)	-1.00	-0.74	-0.25	0.00	-0.93	-4.50	-7.42

Budget Sanction for 2016-2017 for Project 2: Utilization and application of diagnostics for virus resistance identification in chilli and okra, and production of virus free Kinnow Mandarin - PI : Dr. Bikash Mandal, CO-Pls: Dr. V. K. Baranwal, Dr. Anirban Roy, Dr. Kajal Biswas and Dr. Amalendu Ghosh

S.No.	Particulars	Works	Equipment	TA	Research	Operational	HRD	Total
A	BE 2016-17	10.00	12.00	2.25	15.00	11.00	0.00	50.25
B	Carried forward 2015-16	0.0	9.26	0.25	3.60	3.95	1.50	18.56
C	Released upto sept 2016	0.0	1.50	0.00	3.00	3.00	0.00	7.50
D	Release proposed upto Dec.2016	12.00	1.50	2.25	8.40	4.98	3.00	32.13
E	Progressive release(B+C+D)	12.00	12.26	2.50	15.00	11.93	4.50	58.19
F	Progressive balance (A-E)	-2.00	-0.26	-0.25	0.00	-0.93	-4.50	-7.94