

GOVERNMENT OF INDIA
MINISTRY OF AGRICULTURE AND FARMERS WELFARE
DEPARTMENT OF AGRICULTURAL RESEARCH & EDUCATION

LOK SABHA
UNSTARRED QUESTION NO. 2617
TO BE ANSWERED ON 02/08/2016

RESEARCH CENTRES AND PROJECTS OF ICAR

2617. SHRI SADASHIV LOKHANDE:

Will the Minister of AGRICULTURE AND FARMERS WELFARE
कृषि एवं किसान कल्याण मंत्री be pleased to state:

- (a) the details of the research centres and projects being run under the aegis of Indian Council of Agricultural Research (ICAR) in various States of the country including Maharashtra as on date, location and State-wise;
- (b) the details of the funds allocated and expenditure incurred thereon by the Government during the last three years for each of the projects;
- (c) the details of the achievements made by these centres, State-wise; and
- (d) the impact of these centres on agriculture production in the country during the above said period?

A N S W E R

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND FARMERS WELFARE
कृषि एवं किसान कल्याण मंत्रालय में राज्य मंत्री
(SHRI SUDARSHAN BHAGAT)

(a) & (b): Indian Council of Agricultural Research (ICAR) has overall 102 institutions (Research Institutes 67, Bureau 6, Directorates 14 and National Research Centres 15) spread all over the country including Maharashtra. However, the funds are allocated scheme-wise (some of which are running in more than one state) which are running under these Institutions. Therefore, the list of the schemes along with fund allocations and expenditure is given in enclosed **Annexure-I**.

(c) DARE/ICAR has the national mandate and several of the projects funded are specifically designed to cater to the requirements of the specific Agro-eco-regions of country and are often cutting across the physical boundaries of the states. Thus the achievements of these research centres and project cannot be quantified state-wise as they

are catering not only the need of the state in which they are located but also for the neighbouring states/ states having the similar agro-climatic conditions.

The agricultural research needs of the country are being catered through National Agricultural Research System (NARS) which comprise Indian Council of Agricultural Research (ICAR), Central Agricultural Universities, State Agricultural Universities and Central/ State Universities having agriculture faculty.

The NARS has developed/notified 307 high yielding varieties of field crops during the period from 2014 till April, 2016. Early maturing and thermo-tolerant crop varieties with higher nutrient and water use efficiency for newer niches and cropping systems have been developed and released for cultivation. The NARS in association with Department of Agriculture, Cooperation & Farmers Welfare (DAC&FW) made available 347.31, 351.77 and 343.52 lakh quintals of certified/ quality seeds during 2013-14, 2014-15 and 2015-16, respectively, to the farmers. Moreover, India is currently producing more than 283 million tonnes of horticulture produce from an area of 24.3 million ha. Over the last decade, the area under horticulture has risen by 3.8 % per annum and production by 7.6 % per annum. Molecular markers for cultivar identification in cotton, rice, sorghum, pearl millet, wheat, maize, *mungbean*, and *urdbean* were developed. The genomes of two important pulse crops of India viz. chickpea and pigeonpea and cereal crop wheat have been successfully decoded. Several pest management practices involving eco-friendly biological control methods like pheromones and release of parasites and predators are being used for pesticide free harvest by the farming community.

(d) The ICAR has played a pioneering role in ushering Green Revolution and subsequent developments in agriculture in India through its research and technology development that has enabled the country to increase the production of foodgrains by 5 times, horticultural crops by 9.5 times, fish by 12.5 times, milk 7.8 times and eggs 39 times since 1951, thus making a visible impact on the national food and nutritional security. The increase in average production and yield in triennium ending (TE) 2014-15 over TE 2009-10 has been 12.6 and 13.0 % for cereals, 24.5 and 18.9% for pulses, 13.3 and 12.6% for food grains, 10.5 and 10.5% for oilseeds, 13.9 and 4.1% for sugarcane, 45.1 and 14.1% for cotton, 1 and 13.0% for jute and mesta and 10.5 and 22.9% for coarse cereals. Likewise, the country has recorded remarkable growth in milk production which increased from 116.4 million tonnes (2009-10) to an estimated 160.35 million tonnes (2015-16). The egg production also increased from 60.3 billion upto 73.4 billion (2013-14) which further rose to an estimated 81.88 billion in 2015-16. Similarly, the total fish production in the country during 2009-10 was 79.98 lakh tones (2009-10) which increased up to an 101.60 lakh tones (2014-15). By adopting a path of science-led growth of its agriculture, India reaped dividends in the form of a strong, self-reliant and resilient food security situation.

Annexure-I

[Part (a) & (b) to Lok Sabha USQ No. 2617 for 02-08-2016]

(Rs. in lakh)

SI No	Name of the Sector/Scheme	2012-13 RE	2012-13 Actual expenditure	2013-14 RE	2013-14 Actual expenditure	2014-15 RE	2014-15 Actual expenditure	2015-16 RE	2015-16 ACTUAL (upto March 16)*	2016-17 BE
	CROP SCIENCE									
1	National Bureau of Plant Genetic Resources, New Delhi	1430.00	1429.23	1339.00	1326.69	1147.00	1125.10	1955.19	1954.95	3256.00
	National Bureau of Plant Genetic Resources, New Delhi	1100.00	1099.63	989.00	976.69	754.00	745.59	941.19	940.96	2246.00
	AIC Research Network on Potential Crops, New Delhi	330.00	329.60	350.00	350.00	343.00	342.91	298.00	298.00	329.00
	CRP on Agrobiodiversity					50.00	36.60	716.00	715.99	681.00
2	Indian Agriculture Research Institute, New Delhi	5906.90	5294.17	3839.50	3751.92	3191.28	3191.19	4523.00	4447.32	4739.00
	Indian Agriculture Research Institute, New Delhi	4655.00	3996.48	2389.50	2343.28	1901.28	1901.25	2387.00	2386.97	2290.00
	Network Progject on Transgenics	751.90	799.98	1000.00	958.69	850.00	850.00	750.00	749.99	665.00
	NRC Biotechnology Centre for Crop Science, New Delhi	500.00	497.71	450.00	449.95	430.00	430.00	600.00	599.87	520.00
	CRP on Hybrid					5.00	4.96	343.00	268.49	632.00
	CRP on Molecular Breeding					5.00	4.98	443.00	442.00	632.00
3	Indian Institute of Maize Research, New Delhi.	1549.00	1549.34	1640.00	1632.75	1676.00	1674.94	2448.60	2448.28	2878.00
	Indian Institute of Maize Research, New Delhi.	450.00	449.88	330.00	323.26	452.00	450.94	450.00	449.68	1295.00
	AICRP on Maize, New Delhi	1099.00	1099.46	1310.00	1309.49	1224.00	1224.00	1998.60	1998.60	1583.00
4	National Research Centre for Integrated Pest Management(NCIPM), New Delhi	1546.00	1517.44	1685.50	1655.58	1519.00	1518.47	1594.00	1612.31	2198.10
	National Research Centre for Integrated Pest Management(NCIPM), New Delhi	140.00	125.39	131.50	115.42	128.00	128.00	190.00	187.51	1042.00
	AINP on Soil Arthropod Pests, Durgapura, Rajasthan	193.00	187.57	215.00	215.00	164.00	164.00	194.00	223.96	156.00
	AINP on Agricultural Acarology	212.00	212.00	230.00	230.00	228.00	228.00	242.00	233.00	199.50
	AINP on Pesticides Residues, New Delhi	545.00	536.53	614.00	600.38	525.00	525.00	526.00	525.94	407.30
	AICRP on Nematodes in Cropping System, New Delhi	456.00	455.95	495.00	494.78	474.00	473.47	442.00	441.90	393.30
5	National Rice Research Institute, Cuttack	3425.00	3250.03	3415.00	3113.00	3533.99	3039.63	4502.50	4433.33	4479.35
	National Rice Research Institute, Cuttack	537.00	536.99	430.00	430.00	509.00	509.00	933.00	933.00	990.00
	Indian Institute of Rice Research, Hyderabad	388.00	385.89	390.00	386.68	407.99	405.57	463.00	462.81	440.00
	All India Coordinated Rice Improvement Project, Hyderabad	2500.00	2327.15	2595.00	2296.32	2237.00	1915.51	2542.50	2542.50	2511.40
	CRP on Biofortification, Hyderabad					380.00	209.55	564.00	495.02	537.95

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6	Indian Institute of Pulses Research, Kanpur	3818.00	3830.29	3839.00	3827.68	3525.00	3524.38	4785.00	4780.39	4225.78
	Indian Institute of Pulses Research, Kanpur	350.00	349.49	300.00	296.87	411.00	410.63	850.00	849.06	613.88
	AICRP on Chickpea, Kanpur	1019.00	1019.74	1100.00	1099.77	902.00	902.00	1159.00	1158.91	1101.50
	AICRP on MULLaRP, Kanpur	1050.00	1057.45	1150.00	1144.72	977.00	977.00	1392.00	1392.00	1222.40
	AICRP on Pigeon Pea, Kanpur	1084.00	1083.95	1072.00	1068.50	945.00	944.75	1069.00	1068.68	1005.00
	AINP on Arid Legumes, Kanpur	315.00	319.66	217.00	217.82	290.00	290.00	315.00	311.74	283.00
7	Indian Institute for Wheat and Barley Research, Karnal	3889.00	3887.54	3839.00	3821.61	3773.36	3764.71	4891.00	4872.54	4765.00
	Indian Institute for Wheat and Barley Research, Karnal	530.00	517.05	600.00	602.40	670.00	667.30	1050.00	1049.99	1060.00
	AICRP on Wheat & Barley, Karnal	1840.00	1865.96	1800.00	1800.00	1675.00	1675.00	2029.00	2029.00	1927.50
	Vivekananda Parvatiya Krishi Anusandhan Shala, Almora	227.00	213.00	170.00	167.14	168.00	168.00	330.00	330.00	454.00
	Indian Grassland and Fodder Research Institute, Jhansi	325.00	324.57	349.00	336.17	400.36	394.79	550.00	535.74	527.50
	AICRP on Forage Crops and Utilization, Jhansi	967.00	966.96	920.00	915.90	860.00	859.62	932.00	927.81	796.00
8	Indian Institute of Millets Research, Hyderabad	2776.00	2773.36	2420.00	2400.41	2191.00	2184.46	2791.01	2791.00	2514.75
	Indian Institute of Millets Research, Hyderabad	285.00	284.36	270.00	264.95	235.00	228.46	551.01	551.00	355.00
	AICRP Sorghum , Hyderabad	747.00	744.10	900.00	879.52	706.00	706.00	775.00	775.00	789.25
	AICRP on Pearl Millets, Jodhpur	995.00	995.90	750.00	750.00	750.00	750.00	860.00	860.00	830.00
	AICRP on Small Millets, Bangalore	749.00	749.00	500.00	505.94	500.00	500.00	605.00	605.00	540.50
9	Indian Institute of Sugarcane Research, Lucknow	2335.00	2322.13	1797.00	1801.15	2264.00	2259.87	2270.00	2246.72	2069.20
	Indian Institute of Sugarcane Research, Lucknow	355.00	354.84	397.00	393.31	469.00	464.94	500.00	492.27	460.00
	Sugarcane Breeding Institute, Coimbatore	262.00	248.89	220.00	219.98	322.00	321.96	450.00	434.82	337.50
	AICRP on Sugarcane, Lucknow	1300.00	1300.42	785.00	792.96	884.00	883.97	736.00	735.63	699.20
	Central Tobacco Research Institute, Rajamundry	150.00	149.98	125.00	124.90	173.00	173.00	192.00	192.00	192.50
	All India Network Research Project on Tobacco, Rajamundry	268.00	268.00	270.00	270.00	416.00	416.00	392.00	392.00	380.00
10	Central Institute of Cotton Research, Nagpur	2394.90	2371.86	2522.00	2499.81	2545.00	2533.52	3106.67	3100.78	2731.50
	Central Institute of Cotton Research, Nagpur	200.00	185.81	200.00	198.41	220.00	219.57	506.00	504.51	342.50
	AICRP on Cotton, Coimbatore	1122.00	1121.90	1210.00	1209.70	1150.00	1150.00	1520.00	1519.99	1418.00
	Central Research Institute for Jute and Allied Fibres, Barrackpore	248.90	241.93	275.00	273.02	355.00	352.24	371.00	369.47	385.00
	AINP on Jute and Allied Fibres, Barrackpore	402.00	401.91	400.00	399.33	365.00	364.26	360.00	359.69	316.00
	Technology Mission on Cotton (MM-I), Nagpur	350.00	350.66	377.00	359.37	380.00	372.48	260.00	260.00	200.00
	Technology Mission on Jute(MM-I), Barrackpore	72.00	69.65	60.00	59.98	75.00	74.97	89.67	87.12	70.00

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11	Indian Institute of Oilseeds Research, Hyderabad	6215.20	6217.72	5696.00	5709.18	5305.00	5302.16	6609.06	6677.29	5723.60
	Indian Institute of Oilseeds Research, Hyderabad	405.00	404.98	410.00	423.27	345.00	345.00	570.00	569.96	425.00
	Directorate of Groundnut Research, Junagarh	425.00	424.99	361.00	361.00	382.00	381.95	393.00	393.05	380.00
	AICRP on Groundnut, Junagarh	956.20	956.20	870.00	870.00	698.00	697.96	789.16	875.00	831.25
	Directorate of Soybean Research, Indore	290.00	289.95	225.00	224.62	220.00	219.58	300.00	274.25	290.00
	AICRP on Soybean, Indore	561.00	563.20	618.00	618.29	707.00	707.00	855.76	864.00	820.80
	Directorate of Rapeseed - Mustard Research, Bharatpur	285.00	285.00	175.00	175.00	167.00	166.33	250.00	249.99	249.50
	AICRP on Rapeseed & Mustard, Bharatpur	1073.00	1073.00	860.00	860.00	904.00	902.34	1207.08	1207.00	951.90
	AICRP on Oilseed, Hyderabad	1100.00	1100.00	957.00	957.00	806.00	806.00	960.06	960.06	642.50
	AICRP on Linseed, Kanpur	500.00	500.40	550.00	550.00	573.00	573.00	697.00	697.00	702.65
	AICRP on Sesame and Niger, Jabalpur	620.00	620.00	670.00	670.00	503.00	503.00	587.00	586.98	430.00
12	National Bureau of Agricultural Insect Resources, Bengaluru	1526.00	1414.70	1521.00	1541.15	1654.37	1613.38	1964.65	1840.17	1462.38
	National Bureau of Agricultural Insect Resources, Bengaluru	158.00	158.00	140.00	140.00	158.00	152.92	250.00	248.12	150.00
	AICRP on Biocontrol of Crop Pests, Bengaluru	315.00	311.39	320.00	320.00	397.00	397.00	475.00	475.00	431.20
	AICRP - Honeybees and Pollinators, New Delhi	341.00	267.07	423.36	446.36	469.00	468.98	594.74	445.00	385.00
	AINP on Vertebrate Pest Management, Jodhpur	410.00	377.42	384.64	373.68	451.00	415.22	420.46	447.60	389.65
	Network on Insect Biosystematics, New Delhi/Bengaluru	302.00	300.82	253.00	261.11	179.37	179.26	224.45	224.45	106.53
13	Directorate of Seed Research, Mau	3245.00	3058.08	2827.50	2745.51	4113.67	3844.52	3663.32	3134.91	3815.50
	Directorate of Seed Research, Mau	555.00	432.73	357.50	354.96	396.00	384.19	469.62	469.29	316.00
	AICRP NSP(Crops), Mau	2140.00	2127.15	1980.00	1968.16	2526.67	2525.97	2593.70	2573.62	2779.50
	Seed Production in Agricultural Crops and Fisheries, Mau	550.00	498.20	490.00	422.39	1191.00	934.36	600.00	92.00	720.00
14	National Bureau of Agril. Important Microorganisms, Mau	944.00	866.68	776.50	736.70	917.00	842.16	832.00	831.28	792.50
	National Bureau of Agril. Important Microorganisms, Mau	170.00	148.32	126.50	122.24	225.00	220.62	220.00	219.98	192.50
	Application of Micro-organisms in Agriculture and Allied Sectors(AMAAS) +Microbial Genomic Resources repository network, Mau	774.00	718.36	650.00	614.46	692.00	621.54	612.00	611.30	600.00
15	National Institute of Biotic Stress Management, Raipur	100.00	86.27	100.00	100.00	350.00	347.57	276.00	271.86	1019.70
16	Indian Institute of Agricultural Biotechnology, Ranchi	200.00	189.75	243.00	235.33	294.33	293.54	183.00	182.31	1105.00
	<i>Budget Announcements(Incentivizing+IARI in Assam &Jharkhand)</i>	0.00	0.00	0.00	0.00	30.00	9.99	3105.00	3033.00	4224.64
	TOTAL (CROP SCIENCE)	41300.00	40058.59	37500.00	36898.47	38030.00	37069.59	49500.00	48658.44	52000.00

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	HORTICULTURE SCIENCE									
17	Indian Institute of Horticulture Research, Bengaluru	2495.35	2535.37	2719.50	2648.44	2757.00	2498.79	3937.90	3946.45	4922.00
	Indian Institute of Horticulture Research, Bengaluru	550.00	575.78	596.50	566.31	1185.00	929.94	1738.90	1745.23	1630.00
	AICRP Fruits (Tropical and Sub Tropical), Bengaluru	1526.35	1540.66	1520.00	1499.03	1130.00	1127.55	1600.00	1603.72	2325.00
	NRC Banana, Trichi	150.00	149.93	211.00	210.28	170.00	167.34	249.50	249.48	436.00
	Central Citrus Research Institute, Nagpur	269.00	269.00	392.00	372.82	272.00	273.96	349.50	348.02	531.00
	CRP on Borer (Network Mode), Bengaluru									
18	Central Institute of Sub Tropical Horticulture, Lucknow	1327.20	1322.07	1580.75	1447.89	1145.00	1131.04	1387.56	1375.16	1544.00
	Central Institute of Sub Tropical Horticulture, Lucknow	175.00	174.21	193.75	191.93	247.00	246.10	348.50	346.17	416.00
	Central Institute of Temperate Horticulture, Srinagar	395.00	390.66	502.00	501.99	407.00	393.94	437.50	427.44	451.00
	NRC Grapes, Pune	340.00	340.00	380.00	369.12	271.00	271.00	256.06	256.04	306.00
	NRC Litchi, Muzzafarpur	417.20	417.20	505.00	384.85	220.00	220.00	345.50	345.51	371.00
19	Central Institute of Arid Horticulture, Bikaner	1100.00	947.88	1180.00	780.51	1500.00	1425.75	1699.00	1641.35	1613.00
	Central Institute of Arid Horticulture, Bikaner	170.00	167.90	269.00	223.72	600.00	591.60	674.00	663.25	555.00
	AICRP Arid Zone Fruits, Bikaner	650.00	500.00	500.00	333.74	480.00	417.75	550.00	517.28	630.00
	NRC Pomegranate, Solapur, Maharashtra	280.00	279.98	411.00	223.05	420.00	416.40	475.00	460.82	428.00
20	Indian Institute of Vegetable Research, Varanasi	2380.00	2438.72	2399.31	2345.70	2168.00	2141.07	2952.63	2952.58	2357.00
	Indian Institute of Vegetable Research, Varanasi	360.00	359.92	442.31	427.56	400.00	397.19	579.50	579.48	531.00
	Directorate of Mushroom Research, Solan	120.00	119.23	145.00	132.27	98.00	97.61	393.10	393.07	386.00
	AICRP Mushroom, Solan	225.00	261.51	293.00	271.16	245.00	222.10	395.19	395.19	330.00
	AICRP Vegetables, Varanasi	1280.00	1282.15	1150.00	1144.10	1080.00	1079.17	1139.50	1139.50	462.00
	Directorate of Onion and Garlic Research , Rajgurunagar, Pune	395.00	415.91	369.00	370.61	345.00	345.00	445.34	445.34	648.00
	Network O&G (included in Directorate)									
21	Central Potato Research Institute, Shimla	2390.00	2397.84	2309.75	2309.26	2064.00	1973.49	2449.41	2271.68	2602.00
	Central Potato Research Institute, Shimla	960.00	959.99	931.75	931.68	984.00	981.81	815.41	815.40	1005.50
	AICRP Potato, Shimla	550.00	550.00	535.00	535.00	420.00	334.30	575.00	495.42	616.00
	Central Tuber Crops Research Institute, Trivandrum	500.00	499.99	528.00	528.00	360.00	359.98	509.00	509.00	526.00
	AICRP Tuber Crops, Tiruvanthapuram	380.00	387.86	315.00	314.58	300.00	297.40	550.00	451.86	454.50
	CRP on Nanotechnology, Shimla									

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22	Central Plantation Crops Research Institute, Kasargod	1327.45	1320.53	1489.00	1350.63	1363.00	1360.44	1829.90	1824.92	2185.00
	Central Plantation Crops Research Institute, Kasargod	390.00	388.44	384.00	376.14	386.00	385.05	402.00	401.64	431.00
	AICRP Palms, Kasargod	386.00	393.30	450.00	450.00	390.00	389.25	528.00	528.46	540.00
	Directorate of Cashew Research, Puttur	126.45	126.32	200.00	179.64	164.00	164.00	347.15	347.15	426.00
	AICRP on Cashew, Puttur	250.00	237.47	287.00	176.87	205.00	204.14	353.25	353.25	362.00
	Indian Institute of Oil Palm Research, Pedavegi	175.00	175.00	168.00	167.98	218.00	218.00	199.50	194.42	426.00
23	Central Island Agricultural Research Institute, Port Blair	500.00	499.63	544.69	539.42	480.00	479.23	650.00	597.67	765.00
24	Indian Institute of Spices Research, Calicut	1350.00	1224.45	1235.00	1141.96	1597.00	1387.68	1340.50	895.79	1586.00
	Indian Institute of Spices Research, Calicut	600.00	485.73	653.00	564.74	945.00	736.02	636.50	192.93	591.00
	AICRP Spices, Calicut	625.00	615.70	396.00	391.40	462.00	462.00	504.00	504.00	585.00
	NRC Seed Spices, Ajmer	125.00	123.02	186.00	185.82	190.00	189.66	200.00	198.86	410.00
	CRP on Phytochemical & High Value Compounds(in Network Mode), Calicut									
25	Directorate of Floricultural Research, Pune	1630.00	1668.68	1442.00	1424.22	1361.00	1360.55	1753.10	1689.22	2426.00
	Directorate of Floricultural Research, Pune	505.00	504.39	449.00	449.28	452.00	451.72	493.60	429.72	773.00
	AICRP Floriculture, Pune									
	Directorate of Medicinal and Aromatic Plants Research, Anand	125.00	125.00	130.00	129.29	161.00	160.83	399.50	399.50	404.00
	Network on Medicinal & Aromatic Plants, Anand	700.00	699.17	573.00	570.06	600.00	600.00	650.00	650.00	992.00
	NRC Orchids, Pakyong, Sikkim	300.00	340.12	290.00	275.59	148.00	148.00	210.00	210.00	257.00
	TOTAL(HORTICULTURE SCIENCE)	14500.00	14355.17	14900.00	13988.03	14435.00	13758.04	18000.00	17194.82	20000.00
	NATURAL RESOURCE MANAGEMENT									
26	National Bureau of Soil Survey and Land Use Planning, Nagpur	375.00	374.98	271.00	260.80	335.00	324.96	437.21	437.20	562.00
27	Indian Institute of Soil and Water Conservation, Dehradun	300.00	299.51	308.73	308.65	365.00	359.66	470.00	458.86	525.00
28	Indian Institute of Soil Science, Bhopal	2270.00	2213.73	2110.00	2098.99	2045.00	2038.22	2849.60	2831.58	2860.50
	Indian Institute of Soil Science, Bhopal	250.00	249.94	160.00	159.46	156.00	155.84	285.00	275.40	295.00
	AICRP on Micro Secondary & Pollutant Elements in Soils and Plants, Bhopal	735.00	714.38	655.00	654.75	675.00	674.96	720.00	719.99	750.00
	AINP on Biofertilizer, Bhopal	230.00	219.07	200.00	188.02	185.00	181.67	309.60	309.60	304.50
	AICRP on Soil Test Crop Response, Bhopal	675.00	663.09	720.00	713.24	680.00	679.30	655.00	654.99	685.00

Sl No	Name of the Sector/Scheme	2012-13 RE	2012-13 Actual expenditure	2013-14 RE	2013-14 Actual expenditure	2014-15 RE	2014-15 Actual expenditure	2015-16 RE	2015-16 ACTUAL (upto March 16)*	2016-17 BE
	AICRP on Long Term Fertilizer Experiments, Bhopal	380.00	367.25	375.00	383.52	344.00	341.46	560.00	559.96	476.00
	CRP on Conservation Agriculture, Bhopal					5.00	4.99	320.00	311.64	350.00
29	Central Soil Salinity Research Institute, Karnal	755.00	754.91	695.00	694.86	710.00	709.93	900.00	896.32	950.00
	Central Soil Salinity Research Institute, Karnal	280.00	279.92	220.00	219.87	230.00	229.93	340.00	336.33	360.00
	AICRP on Salt Affected Soils & use of Saline Water, Karnal	475.00	474.99	475.00	474.99	480.00	480.00	560.00	559.99	590.00
30	ICAR Research Complex for Eastern Region, Patna including Makhana	490.00	489.97	315.00	314.96	315.00	315.00	433.00	433.82	600.00
31	Indian Institute of Water Management, Bhubaneswar	1985.00	1982.74	2030.00	2025.14	2171.00	2160.01	3010.00	2906.83	3016.00
	Indian Institute of Water Management, Bhubaneswar	150.00	150.00	125.00	125.00	117.00	110.83	185.00	184.87	210.00
	AICRP on Irrigation Water Management Research, Bhubaneswar	1835.00	1832.74	1905.00	1900.14	2049.00	2046.70	2265.00	2265.00	2156.00
	CRP on Water, Bhubaneswar					5.00	2.48	560.00	456.96	650.00
32	Central Research Institute of Dryland Agriculture, Hyderabad	3205.00	2579.86	2605.00	2469.19	2600.00	2506.46	4075.64	3955.02	3586.83
	Central Research Institute of Dryland Agriculture, Hyderabad	250.00	248.37	215.00	204.18	225.00	220.75	738.00	737.98	635.00
	AICRP Dryland Agriculture, Hyderabad	2100.00	1609.09	1750.00	1630.69	1745.00	1719.15	2571.83	2560.98	2291.31
	AICRP on Agrometeorology, Hyderabad	680.00	592.41	640.00	634.32	630.00	566.56	765.81	656.06	660.52
	Impact adaptation & vulnerability of Indian Agri. To Climatic Change (Network project on Climate Change), CRIDA Hyderabad (merged with NICRA from 2013-14)	175.00	129.99							
33	Central Arid Zone Research Institute, Jodhpur	345.00	344.25	275.00	274.79	263.00	261.39	280.59	280.20	420.00
34	Indian Institute of Farming System Research, Modipuram	5450.00	5444.74	5079.27	5027.11	4749.00	4739.45	5192.30	5420.81	5500.17
	Indian Institute of Farming System Research, Modipuram	130.00	129.41	80.00	79.39	125.00	124.54	160.00	158.67	185.00
	AICRP on Integrated Farming System, Modipuram	2660.00	2658.14	2709.00	2709.83	2500.00	2496.92	2227.28	2465.39	2543.17
	Network Programme on Organic Farming, Modipuram	110.00	112.05	110.00	66.64	100.00	100.00	180.00	179.28	210.00
	AICRP on Agroforestry, Jhansi	1185.00	1184.59	1080.27	1078.93	984.00	981.31	1307.20	1304.40	1282.00
	Central Agroforestry Research Institute, Jhansi	200.00	199.66	145.00	140.45	155.00	153.74	257.82	253.17	285.00
	Directorate of Weed Research, Jabalpur	125.00	121.31	140.00	137.29	140.00	138.83	280.00	279.90	275.00
	AICRP on Weed Management, Jabalpur	1040.00	1039.58	815.00	814.58	745.00	744.11	780.00	780.00	720.00
35	Central Coastal Agricultural Research Institute Goa	300.00	299.99	300.00	299.65	300.00	299.92	395.00	394.74	450.00
36	ICAR Research Complex for NEH Region, Barapani	1465.00	1462.30	1600.00	1593.58	1320.00	1308.57	2377.66	1960.51	4379.50
	Scaling up of Water productivity in Agriculture(BA) Completed	5.00	4.27	1.50	1.50					

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37	National Institute of Abiotic Stress Management, Baramati, Maharashtra	1555.00	1554.96	1909.50	1909.36	1827.00	1826.87	2141.00	2140.35	2400.00
38	National Innovation in Climate Resilient Agriculture, Hyderabad (under CRIDA Hyderabad)	7500.00	6159.65	7000.00	5993.95	6500.00	5248.77	9500.00	8390.63	11000.00
39	NRC on Integrated Farming, Motihari, Bihar							38.00	37.78	750.00
	TOTAL (NRM)	26000.00	23965.86	24500.00	23272.53	23500.00	22099.21	32100.00	30544.65	37000.00
	AGRICULTURAL ENGINEERING									
40	Central Institute of Agricultural Engineering, Bhopal	2578.61	2551.16	2830.00	2833.36	2953.96	2936.57	3724.00	3716.60	4722.00
	Central Institute of Agricultural Engineering, Bhopal	241.11	241.21	349.00	348.88	413.00	412.59	671.00	670.69	664.00
	AICRP on Farm Implements and Machinery, Bhopal	990.00	973.26	1047.00	1044.62	1049.00	1048.78	1304.00	1303.78	1672.00
	AICRP on Ergonomics and Safety in Agriculture, Bhopal	271.50	271.50	336.00	334.49	289.00	287.48	330.00	329.94	412.00
	AICRP on Energy in Agriculture and Agro based Industries , Bhopal	637.00	634.38	681.00	681.26	740.00	739.30	725.00	724.89	760.00
	AICRP on Utilization Animal Energy, Bhopal	439.00	430.81	417.00	424.11	462.96	448.42	520.00	519.97	584.00
	CRP on Farm Mechanisation and Precision Farming, Bhopal							66.00	60.64	310.00
	CRP on Energy from Agriculture, Bhopal							108.00	106.69	320.00
41	Central Institute on Post harvest Engineering and Technology, Ludhiana	1604.89	1599.69	2031.00	2039.25	2510.35	2495.55	2982.20	3054.50	3748.00
	Central Institute on Post harvest Engineering and Technology, Ludhiana	339.34	336.97	319.00	317.61	367.90	365.33	415.00	414.00	465.00
	AICRP on Plasticulture Engineering and Technology, Ludhiana	190.00	187.71	233.00	234.11	253.00	245.09	270.00	270.00	346.00
	AICRP on Post Harvest Engineering and Technology, Ludhiana	1075.55	1075.01	1479.00	1487.53	1889.45	1885.13	2010.00	2010.00	2290.00
	CRP on Health Food, Ludhiana							74.07	83.31	322.00
	CRP on Secondary Agri., Ludhiana							213.13	277.19	325.00
42	Indian Institute of Natural Resins and Gums, Ranchi	278.00	270.36	244.50	195.83	470.97	467.72	618.55	613.58	670.00
	Indian Institute of Natural Resins and Gums, Ranchi	215.00	214.53	196.00	145.39	308.97	307.05	358.55	354.44	330.00
	Network project on Harvesting, Processing and Value Addition of Natural Resins & Gums, Ranchi	63.00	55.83	46.00	50.44	82.00	80.99	120.00	119.26	160.00
	Network Project on Conservation of Lac Insect Genetic Resources, Ranchi			2.50	0.00	80.00	79.68	140.00	139.88	180.00
43	Central Institute of Research on Cotton Technology, Mumbai	410.50	410.49	210.00	207.23	295.00	294.97	555.25	492.10	500.00

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	Central Institute of Research on Cotton Technology, Mumbai	410.50	410.49	210.00	207.23	295.00	294.97	425.25	425.17	330.00
	CRP on Nature Fibre, Mumbai							130.00	66.93	170.00
44	National Institute of Research on Jute & Allied Fibre Technology, Kolkata	328.00	327.13	184.50	184.09	269.72	266.85	320.00	263.60	360.00
	TOTAL(AGRICULTURAL ENGINEERING)	5200.00	5158.83	5500.00	5459.76	6500.00	6461.66	8200.00	8140.38	10000.00
	ANIMAL SCIENCE									
45	National Bureau of Animal Genetic Resources, Karnal	390.70	391.49	346.25	345.54	450.00	416.26	495.00	491.88	430.00
	National Bureau of Animal Genetic Resources, Karnal	323.70	319.60	307.25	306.73	270.00	268.38	285.00	283.56	300.00
	Network project on Animal Genetic Resources, Karnal	67.00	71.89	39.00	38.81	180.00	147.88	210.00	208.32	130.00
46	National Dairy Research Institute, Karnal	2090.00	2089.66	1519.09	1518.70	1400.00	1398.33	1110.00	1105.64	1217.00
47	Central Sheep and Wool Research Institute, Avikanagar, Rajasthan	996.00	946.38	840.00	823.58	942.82	931.64	1166.00	1149.04	1165.00
	Central Sheep and Wool Research Institute, Avikanagar	600.00	594.26	470.00	469.58	557.82	556.64	738.00	724.91	758.00
	Network on Sheep Improvement, Avikanagar	268.00	226.83	230.00	214.00	210.00	207.82	240.00	237.16	236.00
	Sheep Seed Project, Avikanagar	128.00	125.29	140.00	140.00	175.00	167.18	188.00	186.97	171.00
48	Central Institute for Research on Goats	675.00	657.85	540.00	529.29	664.20	643.31	874.25	830.78	885.00
	Central Institute for Research on Goats, Makhdoom	325.00	323.62	250.00	242.51	323.20	318.78	367.00	341.85	400.00
	AICRP on Goat Improvement, Mathura	350.00	334.23	290.00	286.78	341.00	324.53	507.25	488.93	485.00
	<i>Goat Seed Project (in CIRG)</i>									
49	Central Institute for Research on Buffaloes, Hissar	715.39	671.90	737.89	725.57	677.00	667.39	903.00	870.06	1197.00
	Central Institute for Research on Buffaloes, Hissar	365.39	364.56	257.89	252.41	277.00	275.84	385.00	353.86	520.00
	Network Project on Buffalo Improvement, Hissar	350.00	307.34	480.00	473.16	400.00	391.55	518.00	516.20	677.00
50	National Institute of Animal Nutrition and Physiology	429.00	407.69	451.00	454.00	609.78	563.62	727.00	642.51	737.00
	National Institute of Animal Nutrition and Physiology, Bengaluru	239.00	239.00	295.00	294.93	285.01	284.84	340.00	265.51	450.00
	AICRP on Improvement of Feed Sources & Nutrient Utilisation, Bengaluru	190.00	168.69	156.00	159.07	324.77	278.78	387.00	377.00	287.00
51	NRC on Camel, Bikaner	247.00	246.99	260.00	259.65	222.62	222.60	308.00	307.73	325.00
52	NRC on Equine, Hissar	921.60	908.94	740.60	732.79	640.00	607.82	696.25	681.42	668.00
	NRC on Equine, Hissar	341.60	341.59	285.60	279.92	340.00	331.68	393.00	392.67	354.00
	National Centre for Veterinary Type Culture Collection, Hisar	580.00	567.35	455.00	452.87	300.00	276.14	303.25	288.75	314.00

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53	Central Institute for Research on Cattle, Meerut	720.00	719.06	702.60	687.33	640.00	598.74	950.00	931.54	1037.00
	Central Institute for Research on Cattle, Meerut	115.00	114.57	100.00	86.78	140.00	138.54	200.00	181.54	250.00
	AICRP on Cattle Research, Meerut	605.00	604.49	602.60	600.55	500.00	460.20	750.00	750.00	787.00
54	Directorate of Foot & Mouth Disease, Mukteshwar	6484.31	6484.31	6517.44	6523.49	2354.35	2354.35	1175.00	1021.58	1665.00
	Directorate of Foot & Mouth Disease, Mukteshwar	6484.31	6484.31	6517.44	6523.49	2354.35	2354.35	1175.00	1021.58	1665.00
	AICRP Foot & Mouth, Mukteshwar									
55	Central Avian Research Institute, Izatnagar	1655.00	1623.82	1795.13	1725.74	1472.63	1380.75	2794.00	2793.14	2951.00
	Central Avian Research Institute, Izatnagar	446.00	439.54	700.00	694.71	369.00	367.07	975.00	974.64	943.00
	Directorate of Poultry Research, Hyderabad	416.00	414.45	384.00	383.08	410.00	407.81	560.00	559.50	566.00
	AICRP on Poultry, Hyderabad	593.00	571.30	538.13	483.35	385.75	385.18	674.00	674.00	717.00
	Poultry Seed Project, Hyderabad	200.00	198.53	173.00	164.60	307.88	220.69	585.00	585.00	725.00
56	Indian Veterinary Research Institute, Izatnagar	2541.00	2523.04	2974.00	3152.50	3485.00	3262.22	7441.32	7072.98	8490.00
	Indian Veterinary Research Institute, Izatnagar	1881.00	1892.08	1765.00	1966.55	2475.00	2372.91	3984.40	3768.68	4464.00
	Network on Gastro Intestinal Parasitism, Izatnagar	360.00	367.37	98.00	330.07	80.00	79.50	124.00	318.31	136.00
	Network on Haemorrhagic Septicemia, Izatnagar			113.00		90.00	85.85	100.00	in GIP	89.00
	Network Programme on Blue Tongue Disease, Izatnagar			106.00		100.00	95.54	120.00	in GIP	126.00
	National Institute of Veterinary Epidemiology and Disease Informatics(NIVEDI), Bengaluru	300.00	263.59	892.00	855.88	440.00	438.84	828.00	819.97	1180.00
	AICRP ADMAS, Bengaluru									
	CRP on Diagnostic & Vaccine, Izatnagar							1498.92	1449.40	1677.00
	All India Network Program on Neonatal Mortality in Farm Animal(NNM), Izatnagar					200.00	99.85	200.00	185.47	189.00
	All India Network Program on Diagnostic Imaging and Management of Surgical Condition in Animals, Izatnagar					100.00	89.73	586.00	531.15	629.00
57	National Institute of High Security Animal Diseases, Bhopal					645.10	643.99	589.39	519.61	645.00
58	NRC on Meat, Hyderabad	123.00	117.77	150.00	136.84	128.50	102.09	347.00	334.23	450.00
59	NRC on Pig	1412.00	1374.60	1424.00	1407.48	1668.00	1605.24	3023.79	2965.70	4138.00
	NRC on Pig, Guwahati	266.00	265.94	295.00	292.73	300.00	298.98	425.00	398.59	850.00
	AICRP on Pig, Guwahati	350.00	340.53	400.00	385.82	450.00	418.78	840.00	840.00	1050.00
	Mega Seed Project on Pig, Guwahati	130.00	102.38	129.00	129.32	225.00	225.00	400.00	400.00	407.00

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	NRC on Yak, Dirang	241.00	241.00	300.00	300.00	300.00	300.00	583.79	558.74	985.00
	NRC on Mithun, Jharnapani, Nagaland	425.00	424.75	300.00	299.61	393.00	362.48	775.00	768.37	846.00
	TOTAL(ANIMAL SCIENCE)	19400.00	19163.50	18998.00	19022.50	16000.00	15398.35	22600.00	21717.84	26000.00
	FISHERY SCIENCE									
60	Central Marine Fisheries Research Institute	2269.00	2268.12	2544.76	2544.67	1930.00	1929.80	3043.00	3036.05	3470.00
	Central Marine Fisheries Research Institute, Kochi	1579.00	1578.22	1819.76	1819.76	1295.00	1294.99	1882.00	1882.00	2095.00
	Central Institute Brackishwater Aquaculture, Chennai	690.00	689.90	725.00	724.91	635.00	634.81	1161.00	1154.05	1375.00
61	Central Inland Fisheries Research Institute	1057.00	1043.41	1065.00	1051.84	1255.00	1254.35	974.00	965.13	1385.00
	Central Inland Fisheries Research Institute, Barrackpore	662.00	655.24	705.00	691.99	915.00	915.00	520.00	511.21	755.00
	Project Directorate of Cold Water Fisheries, Bhimtal	395.00	388.17	360.00	359.85	340.00	339.35	454.00	453.92	630.00
62	Central Institute of Fisheries Technology, Kochi	739.00	738.47	627.00	626.98	715.00	714.73	943.00	942.98	1105.00
63	Central Institute on Fisheries Education, Mumbai	1342.25	1339.89	1412.24	1395.00	1275.00	1152.58	908.00	884.04	1220.00
64	Central Institute of Freshwater Aquaculture, Bhubaneswar	737.75	737.11	744.00	741.70	695.00	691.80	590.00	586.44	955.00
65	National Bureau of Fish Genetic Resources, Lucknow	755.00	754.92	607.00	617.49	630.00	630.00	1342.00	1424.71	1865.00
	National Bureau of Fish Genetic Resources, Lucknow	755.00	754.92	607.00	617.49	630.00	630.00	792.00	791.71	965.00
	CRP on Genomics, Lucknow							550.00	633.00	900.00
	TOTAL(FISHERY SCIENCE)	6900.00	6881.92	7000.00	6977.68	6500.00	6373.26	7800.00	7839.35	10000.00
	ECONOMICS, STATISTICS & MANAGEMENT (ESM)									
66	Indian Agricultural Statistical Research Institute, New Delhi +CABIN	210.00	176.35	250.00	248.17	1120.00	1011.00	1005.00	492.79	2300.00
	National Institute of Agricultural Economics & Policy Research(NIAP), New Delhi	140.00	140.00	350.00	320.96	430.00	430.00	395.00	378.99	700.00
	TOTAL(ESM)	350.00	316.35	600.00	569.13	1550.00	1441.00	1400.00	871.78	3000.00
	AGRICULTURAL EXTENSION									
67	Krishi Vigyan Kendras (including ERNET, Farmer's First, Disaster Mgmt)	43538.75	41089.00	52725.00	49909.72	53360.77	52350.62	65650.00	64503.26	74500.00
68	Directorate of Knowledge Management in Agriculture, New Delhi	170.00	159.94	160.00	157.89	139.23	138.70	350.00	298.47	500.00
	Directorate of Knowledge Management in Agriculture, New Delhi	170.00	159.94	160.00	157.89	139.23	138.70	350.00	298.47	500.00
	Establishment of Indian Agricultural Extension Research Institute, New Delhi (not approved)									
	TOTAL(EXTENSION)	43708.75	41248.94	52885.00	50067.61	53500.00	52489.32	66000.00	64801.73	75000.00

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	AGRICULTURAL EDUCATION									
69	Strengthening and Development of Higher Agril. Education in India	41350.00	50053.35	39418.00	35007.98	35747.00	35202.89	35900.00	35797.73	44300.00
70	National Academy of Agricultural Research Management (NAARM), Hyderabad	1250.00	1249.98	982.00	980.81	1178.00	1166.94	1451.50	1449.70	1600.00
	National Agricultural Education Project, New Delhi			100.00						
71	Central Institute for Women in Agriculture, Bhubaneswar	1291.25	1289.69	1115.00	1113.74	1075.00	1074.88	2148.50	2086.58	3100.00
	Central Institute for Women in Agriculture, Bhubaneswar	141.25	139.33	180.00	179.32	150.00	149.94	848.50	787.37	1400.00
	AICRP Home Science	1150.00	1150.36	935.00	934.42	925.00	924.94	1300.00	1299.21	1700.00
	Budget Announcements (6 SAUs, 2AUs, 2HUs)	12000.00	0.00	0.00	0.00	5000.00	0.00	16500.00	15624.00	11000.00
	TOTAL(EDUCATION)	55891.25	52593.02	41615.00	37102.53	43000.00	37444.71	56000.00	54958.01	60000.00
72	Central Agricultural Universities									
	CAU Imphal +CAU Barapani	8550.00	8559.38	12000.00	11999.00	15000.00	11900.00	16600.00	16599.00	17000.00
	Rani Lakshmi Bai CAU, Jhansi	99.00		1.00		200.00	20.72	1000.00	921.00	7000.00
	RCAU Samastipur, Bihar	1.00		1.00		1.00		1000.00	0.00	5700.00
	DARE(NAAS & IAUA)					200.00		300.00	242.00	300.00
	TOTAL	8650.00	8559.38	12002.00	11999.00	15401.00	11920.72	18900.00	17762.00	30000.00
	ICAR HEADQUARTERS									
73	Strengthening of ICAR Headquarters	8900.00	5943.84	9300.00	6465.63	15350.00	8589.96	13680.00	12514.37	37500.00
	Swimming Pool									
74	National Agriculture Innovation Fund (NAIF), New Delhi	700.00	480.64	700.00	610.39	750.00	510.77	1320.00	1349.45	2500.00
	TOTAL(HQRS)	9600.00	6424.48	10000.00	7076.02	16100.00	9100.73	15000.00	13863.82	40000.00
	National Agriculture Innovation Project (completed)	15000.00	15073.78	23500.00	25554.64	9465.00	9465.00			
	National Adaptation fund (transferred)									
75	National Agricultural Science Fund	5500.00	3672.86	11000.00	8928.82	6000.00	3835.07	4500.00	3727.15	7000.00
	GRAND TOTAL	252000.00	237472.68	260000.00	246916.72	250000.00	226856.66	300000.00	290079.97	370000.00
	* Tentative progressive plan figures									
