GOVERNMENT OF INDIA MINISTRY OF AGRICULTURE AND FARMERS WELFARE DEPARTMENT OF AGRICULTURE, COOPERATION AND FARMERS WELFARE

$\begin{array}{c} \textbf{LOK SABHA} \\ \textbf{UNSTARRED QUESTION NO.2633} \\ \textbf{TO BE ANSWERED ON THE 2}^{\text{ND}} \ \textbf{AUGUST}, \ 2016 \end{array}$

AGRICULTURAL PRODUCTION IN EASTERN REGION

2633. SHRI KAMAKHYA PRASAD TASA:

SHRI RAJESH KUMAR DIWAKER:

SHRI M.I. SHANAVAS: SHRI PRALHAD JOSHI: SHRI K.C. VENUGOPAL:

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

- (a) whether the Government is giving priority to develop agriculture sector in resource rich eastern regions of the country including Assam;
- (b) if so, the details thereof including the funds allocated and utilised for the purpose under various schemes during the last three years and the current year, State-wise;
- (c) whether the Government has introduced 'Second Green Revolution' to boost agricultural production and productivity in Assam and eastern regions of the country and if so, the details thereof along with the funds allocated, released and utilised for the purpose during the said period, State/UT-wise;
- (d) whether there has been a marked improvement in the agricultural production and productivity since introduction of Second Green Revolution in the said regions and if so, the details thereof, State and crop-wise along with the number of farmers benefited thereunder, so far;
- (e) whether the Government proposes to promote multi/double cropping pattern to prevent crops from pest attack in various parts of the country including Assam and if so, the details thereof; and
- (f) the steps taken/proposed to be taken by the Government for sustainable growth of farm sector and food security in the country?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्रालय में राज्य मंत्री (SHRI S.S. AHLUWALIA)

(a): Yes, Government is implementing various programmes such as National Food Security Mission (NFSM), Rashtriya Krishi Vikas Yojana (RKVY), Bringing Green Revolution to Eastern India (BGREI), a sub-scheme of RKVY, Mission on Integrated Development of Horticulture (MIDH), National Mission on Oilseed and Oil Palm (NMOOP) etc. to develop agriculture sector in resource rich eastern regions of the country including Assam.

- (b): The State-wise details of funds allocated and released under various programmes during the last three years and current year is given at Annexure-I.
- (c): Government is implementing BGREI in eastern region of country including Assam with objective to address the constraints limiting productivity of rice based cropping systems. The state-wise and year-wise allocation and release of funds from 2010-11 to 2016-17 are given in Annexure-II.
- (d): The details of state-wise production and productivity of rice from 2010-11 to 2015-16 are given in Annexure-III.

Farmers are benefited under various interventions like cluster demonstration, production and distribution of rice and wheat, need-based inputs such as nutrient management and soil ameliorants, plant protection measures, cropping system based training, farm implements, irrigation devices, site specific interventions and marketing support etc.

- (e): Cropping system approach is being promoted to bring rabi fallow areas under cultivation to increase cropping intensity.
- (f): Government is implementing various programmes such as NFSM, BGREI, RKVY, MIDH, PKVY, National Mission on Sustainable Agriculture (NMSA), Soil Health Card Scheme, Pradhan Mantri Fasal Bima Yojana, <u>Pradhan Mantri Krishi Sinchayee Yojana</u> etc. for sustainable growth of farm sector and food security in the country.

Annexure-I

Referred to Lok Sabha Q. No. 2633, part (b) Dated 02.08.2016 State-wise and scheme-wise allocation and release from 2013-14 to 2016-17

(Rs. In crores)

S1.	State	NFS	SM	BG	REI	Normal :	RKVY	ISOPOM	/ NMOOP	MIDH					
No.		Alloc. Rel.		Alloc. Rel.		Alloc.	Alloc. Rel.		Rel.	Alloc. Rel.					
1	Assam														
	2013-14	112.80	95.10	97.38	60.09	299.98	137.45			48.000	48.000				
	2014-15	112.06	95.82	106.00	76.00	360.53	174.71	1771.920	885.950	48.000	29.090				
	2015-16	89.25	67.84	53.00	26.50	75.07	67.60	1624.100	886.530	30.500	20.000				
	2016-17	100.32		106.80		88.36			0.000	28.000	0.000				
2	Bihar														
	2013-14	96.77	15.22	142.78	71.39	325.94	157.45			42.500	20.000				
	2014-15	96.78	74.68	151.00	151.00	391.73	391.73	231.000	154.290	42.500	17.000				
	2015-16	88.80	55.79	75.50	37.75	88.69	73.45	239.500	169.750	28.500	4.000				
	2016-17	61.06	0.00	87.30		104.39		176.000	0.000	26.310	11.960				
3	Chhattisgarh														
	2013-14	101.29	79.46	204.51	102.25	170.20	115.10	1024.520	1024.520	114.750	90.620				
	2014-15	95.89	47.94	161.00	120.75	204.56	201.12	534.160	319.500	120.700	111.880				
	2015-16	66.73	37.50	80.50	80.50	68.65	64.09	768.710	318.860	80.000	77.550				
	2016-17	66.29	32.14	99.30	49.65	80.81	40.41	1047.620	400.000	69.230	31.470				
4	Jharkhand														
	2013-14	48.87	38.68	85.81	42.90	180.27	90.14			68.000	50.050				
	2014-15	39.78	23.35	77.00	38.50	216.66	108.33	238.000	118.770	68.000	49.690				
	2015-16	29.77	29.46	38.50	37.69	49.18	40.63	438.810	0.000	45.000	25.790				
	2016-17	36.12	0.00	56.80		57.89		381.000	0.000	40.180	18.270				

Annexure-I Contd..

Referred to Lok Sabha Q. No. 2633, part (b) Dated 02.08.2016 State-wise and scheme-wise allocation and release from 2013-14 to 2016-17

Rs. In Crores

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Sl.	State	NFSM		BGREI		Normal R	KVY	ISOPOM /	NMOOP	MIDH	
No.											
		Alloc.	Rel.	Alloc.	Rel.	Alloc.	Rel.	Alloc.	Rel.	Alloc.	Rel.
5	Odisha										
	2013-14	86.620	68.740	199.300	199.300	242.070	272.070	1449.700	1449.500	85.000	84.090
	2014-15	86.400	53.980	184.000	184.000	290.930	268.870	1581.530	925.610	93.500	71.750
	2015-16	79.450	67.700	92.000	92.000	193.180	185.960	785.280	557.640	57.500	54.450
	2016-17	68.210	0.000	102.500		227.390	45.860	602.160	0.000	49.910	22.680
6	Uttar										
	Pradesh										
	2013-14	366.130	245.050	116.950	58.480	386.010	386.010	1008.000	1008.000	59.500	35.000
	2014-15	335.400	254.850	148.000	110.000	463.930	431.570	1400.000	1172.850	68.000	37.320
	2015-16	167.590	120.160	74.000	37.000	280.810	140.410	1888.290	1319.200	40.000	22.000
	2016-17	186.280	0.000	81.500		330.530		1660.490	0.000	37.270	16.940
7	West										
	Bengal										
	2013-14	82.560	59.930	151.270	88.640	334.100	167.050	334.210	334.200	42.500	8.000
	2014-15	68.980	54.320	171.000	165.500	401.540	390.770	958.120	602.970	42.500	18.742
	2015-16	38.050	33.130	85.500	85.500	199.060	199.060	1300.00	984.850	28.500	28.000
	2016-17	54.780	25.800	94.800		234.310		1093.74	400.000	24.190	0.000

As on 27.08.2016

Annexure-II

Referred to Lok Sabha Q. No. 2633, part (c) Dated 02.08.2016 State-wise Funds Allocated and Released under Bringing Green Revolution to Eastern India (BGREI) during 2010-11 To 2016-17

(Rupees in crore)

Sl. State No.		2010-11		2011-12		2012-13		2013-14		2014-15		2015-16		2016-17	
	Alloc.	Rel.	Alloc.	Rel.	Alloc.	Rel.	Alloc.	Rel.	Alloc.	Rel.	Alloc.	Rel.	Alloc.	Rel.	
Assam	35.00	17.50	33.32	33.32	95.50	95.50	97.38	60.09	106.00	76.00	53.00	26.50	106.8		
Bihar	63.90	63.94	55.33	55.33	119.25	119.25	142.78	71.39	151.00	151.00	75.50	37.75	87.3		
Chhattisgarh	67.15	67.15	55.21	55.21	131.50	131.50	204.51	102.25	161.00	120.75	80.50	80.50	99.3	49.65	
Jharkhand	29.60	14.80	31.68	31.68	59.00	59.00	85.81	42.90	77.00	38.50	38.50	37.69	56.8		
Odisha	79.67	79.67	62.62	62.62	217.25	217.25	199.30	199.30	184.00	184.0	92.00	92.00	102.5		
Uttar Pradesh (East)	57.27	57.27	85.66	85.66	105.50	105.50	116.95	58.48	148.00	110.00	74.00	37.00	81.5		
West Bengal	102.37	102.37	72.20	72.20	269.00	269.00	151.27	88.64	171.00	165.50	85.50	85.50	94.8		
Total	435.00	402.70	396.02	396.02	997.00	997.00	998.00	623.05	998.00	845.75	499.00	396.94	629.00		
	Bihar Chhattisgarh Jharkhand Odisha Uttar Pradesh (East) West Bengal	Bihar 63.90 Chhattisgarh 67.15 Jharkhand 29.60 Odisha 79.67 Uttar Pradesh (East) 57.27 West Bengal 102.37	Bihar 63.90 63.94 Chhattisgarh 67.15 67.15 Jharkhand 29.60 14.80 Odisha 79.67 79.67 Uttar Pradesh (East) 57.27 57.27 West Bengal 102.37 102.37	Assam 35.00 17.50 33.32 Bihar 63.90 63.94 55.33 Chhattisgarh 67.15 67.15 55.21 Jharkhand 29.60 14.80 31.68 Odisha 79.67 79.67 62.62 Uttar Pradesh (East) 57.27 57.27 85.66 West Bengal 102.37 102.37 72.20	Assam 35.00 17.50 33.32 33.32 Bihar 63.90 63.94 55.33 55.33 Chhattisgarh 67.15 67.15 55.21 55.21 Jharkhand 29.60 14.80 31.68 31.68 Odisha 79.67 79.67 62.62 62.62 Uttar Pradesh (East) 57.27 57.27 85.66 85.66 West Bengal 102.37 102.37 72.20 72.20	Assam 35.00 17.50 33.32 33.32 95.50 Bihar 63.90 63.94 55.33 55.33 119.25 Chhattisgarh 67.15 67.15 55.21 55.21 131.50 Jharkhand 29.60 14.80 31.68 31.68 59.00 Odisha 79.67 79.67 62.62 62.62 217.25 Uttar Pradesh (East) 57.27 57.27 85.66 85.66 105.50 West Bengal 102.37 102.37 72.20 72.20 269.00	Assam 35.00 17.50 33.32 33.32 95.50 95.50 Bihar 63.90 63.94 55.33 55.33 119.25 119.25 Chhattisgarh 67.15 67.15 55.21 55.21 131.50 131.50 Jharkhand 29.60 14.80 31.68 31.68 59.00 59.00 Odisha 79.67 62.62 62.62 217.25 217.25 Uttar Pradesh (East) 57.27 57.27 85.66 85.66 105.50 105.50 West Bengal 102.37 102.37 72.20 72.20 269.00 269.00	Assam 35.00 17.50 33.32 33.32 95.50 95.50 97.38 Bihar 63.90 63.94 55.33 55.33 119.25 119.25 142.78 Chhattisgarh 67.15 67.15 55.21 55.21 131.50 131.50 204.51 Jharkhand 29.60 14.80 31.68 31.68 59.00 59.00 85.81 Odisha 79.67 62.62 62.62 217.25 217.25 199.30 Uttar Pradesh (East) 57.27 57.27 85.66 85.66 105.50 105.50 116.95 West Bengal 102.37 102.37 72.20 72.20 269.00 269.00 151.27	Assam 35.00 17.50 33.32 33.32 95.50 95.50 97.38 60.09 Bihar 63.90 63.94 55.33 55.33 119.25 119.25 142.78 71.39 Chhattisgarh 67.15 67.15 55.21 55.21 131.50 131.50 204.51 102.25 Jharkhand 29.60 14.80 31.68 31.68 59.00 59.00 85.81 42.90 Odisha 79.67 79.67 62.62 62.62 217.25 217.25 199.30 199.30 Uttar Pradesh (East) 57.27 57.27 85.66 85.66 105.50 105.50 116.95 58.48 West Bengal 102.37 102.37 72.20 72.20 269.00 269.00 151.27 88.64	Assam 35.00 17.50 33.32 33.32 95.50 95.50 97.38 60.09 106.00 Bihar 63.90 63.94 55.33 55.33 119.25 119.25 142.78 71.39 151.00 Chhattisgarh 67.15 67.15 55.21 55.21 131.50 131.50 204.51 102.25 161.00 Jharkhand 29.60 14.80 31.68 31.68 59.00 59.00 85.81 42.90 77.00 Odisha 79.67 79.67 62.62 62.62 217.25 217.25 199.30 199.30 184.00 Uttar Pradesh (East) 57.27 85.66 85.66 105.50 105.50 116.95 58.48 148.00 West Bengal 102.37 72.20 72.20 269.00 269.00 151.27 88.64 171.00	Assam 35.00 17.50 33.32 33.32 95.50 95.50 97.38 60.09 106.00 76.00 Bihar 63.90 63.94 55.33 55.33 119.25 119.25 142.78 71.39 151.00 151.00 Chhattisgarh 67.15 67.15 55.21 55.21 131.50 131.50 204.51 102.25 161.00 120.75 Jharkhand 29.60 14.80 31.68 31.68 59.00 59.00 85.81 42.90 77.00 38.50 Odisha 79.67 79.67 62.62 62.62 217.25 217.25 199.30 199.30 184.00 184.0 Uttar Pradesh (East) 57.27 57.27 85.66 85.66 105.50 105.50 116.95 58.48 148.00 110.00 West Bengal 102.37 102.37 72.20 72.20 269.00 269.00 151.27 88.64 171.00 165.50	Assam 35.00 17.50 33.32 33.32 95.50 95.50 97.38 60.09 106.00 76.00 53.00 Bihar 63.90 63.94 55.33 55.33 119.25 119.25 142.78 71.39 151.00 151.00 75.50 Chhattisgarh 67.15 67.15 55.21 55.21 131.50 131.50 204.51 102.25 161.00 120.75 80.50 Jharkhand 29.60 14.80 31.68 59.00 59.00 85.81 42.90 77.00 38.50 38.50 Odisha 79.67 79.67 62.62 62.62 217.25 217.25 199.30 199.30 184.00 184.0 92.00 Uttar Pradesh (East) 57.27 85.66 85.66 105.50 105.50 116.95 58.48 148.00 110.00 74.00 West Bengal 102.37 102.37 72.20 72.20 269.00 269.00 151.27 88.64 171.00 165.50 85.50	Assam 35.00 17.50 33.32 33.32 95.50 95.50 97.38 60.09 106.00 76.00 53.00 26.50 Bihar 63.90 63.94 55.33 55.33 119.25 119.25 142.78 71.39 151.00 151.00 75.50 37.75 Chhattisgarh 67.15 67.15 55.21 55.21 131.50 131.50 204.51 102.25 161.00 120.75 80.50 80.50 Jharkhand 29.60 14.80 31.68 39.00 59.00 85.81 42.90 77.00 38.50 38.50 37.69 Odisha 79.67 79.67 62.62 62.62 217.25 217.25 199.30 199.30 184.00 184.0 92.00 92.00 Uttar Pradesh (East) 57.27 57.27 85.66 85.66 105.50 105.50 116.95 58.48 148.00 110.00 74.00 37.00 West Bengal 102.37 72.20 72.20 269.00 269.00 151.27 88.64 171.00 165.50 85.50	Assam 35.00 17.50 33.32 33.32 95.50 95.50 97.38 60.09 106.00 76.00 53.00 26.50 106.8 Bihar 63.90 63.94 55.33 55.33 119.25 119.25 142.78 71.39 151.00 151.00 75.50 37.75 87.3 Chhattisgarh 67.15 67.15 55.21 55.21 131.50 131.50 204.51 102.25 161.00 120.75 80.50 80.50 99.3 Jharkhand 29.60 14.80 31.68 59.00 59.00 85.81 42.90 77.00 38.50 38.50 37.69 56.8 Odisha 79.67 79.67 62.62 62.62 217.25 217.25 199.30 199.30 184.00 184.0 92.00 92.00 102.5 Uttar Pradesh (East) 57.27 57.27 85.66 85.66 105.50 105.50 116.95 58.48 148.00 110.00 74.00 37.00 81.5 West Bengal 102.37 102.37 72.20 72.20	

As on 27.7.2016

Annexure-III

Referred to Lok Sabha Q. No. 2633, part (d) Dated 02.08.2016 Details of rice production and yield during 2009-10 to 2015-16

State			Produc	tion ('000	Tonnes)		Yield (Kg./Hectare)							
	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16*	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16*
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Assam	4335.9	4736.6	4516.3	5128.5	4927.1	5222.7	5144.0	1737	1843	1780	2061	2012	2093	2084
Bihar	3599.3	3102.1	7162.6	7529.3	5505.8	6356.7	6438.1	1120	1095	2155	2282	1759	1948	2003
Chattisgarh	4110.4	6159.0	6028.4	6608.8	6716.4	6322.1	5484.7	1120	1663	1597	1746	1766	1660	1437
Jharkhand	1538.4	1110.0	3130.6	3164.9	2810.6	3361.9	3051.6	1546	1541	2131	2238	2238	2238	1921
Odisha	6917.5	6827.7	5807.0	7295.5	7613.4	8298.2	5625.9	1585	1616	1450	1814	1821	1992	1410
Uttar Pradesh	10807.1	11992.0	14022.0	14416.0	14636.0	12167.9	12509	2084	2120	2358	2460	2447	2072	2132
West Bengal	14340.7	13045.9	14605.8	15023.7	15370.7	14677.2	15923.7	2547	2639	2688	2760	2788	2730	2898

^{*}DES 3rd Advance estimate
