

**GOVERNMENT OF INDIA
AGRICULTURE
LOK SABHA**

UNSTARRED QUESTION NO:95
ANSWERED ON:05.07.2004
VARIATION IN YIELD OF AGRICULTURAL PRODUCE
Suman Shri Ramji Lal

Will the Minister of AGRICULTURE be pleased to state:

- (a) whether the yield per hectare of various agricultural products varies from State to State in the country;
- (b) if so, the reasons therefor;
- (c) the rates of yield of wheat, paddy, sugarcane, cotton, oilseeds and pulses in each State during the last three years; and
- (d) the steps taken by the Government to increase the yield and bring parity?

Answer

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI KANTILAL BHURIA)

(a) & (b): Yes, Sir. The yield varies a great deal from state to state because it depends on a number of factors such as weather, condition of soils, facilities of irrigation, duration of the crop

(gestation period between sowing and harvesting), quality of seeds, timely application of quality inputs, managerial skills of farmers, availability of credit and incidence of pests & diseases, etc.

(c): The required information is given at the annexure enclosed.

(d): The Government, in order to maximize the production and productivity of various crops, provides assistance to the States under Integrated Crop Production Schemes with a view to supplement their efforts to increase the production and productivity of various crops. During the 9th Plan, the following schemes have been implemented:

(i) Integrated Cereals Development Programme in Rice Based Cropping Systems Areas

(ICDP – Rice).

(ii) Integrated Cereals Development Programme in Wheat Based Cropping Systems Areas (ICDP-Wheat)

(iii) Integrated Cereals Development Programme in Coarse Cereals Based Cropping Systems Areas (ICDP- Coarse Cereals).

(iv) Sustainable Development of Sugarcane Based Cropping Systems (SUBACS).

(v) Special Jute Development (SJD).

(vi) Intensive Cotton Development Programme (Mini Mission –II of Technology Mission on Cotton).

>From October, 2000 these schemes except Mini Mission-II(MM-II) of Technology Mission on Cotton have been subsumed under Macro Management Programme with a view to provide flexibility to the States according to regionally differentiated needs of the States. MM- II of Technology Mission on Cotton is also continuing during 10th Plan. Under MM-II, assistance is provided for various components like transfer of technologies through field demonstration & training of farmers/extension workers as well as supply of critical inputs like seeds, sprayers, bio-agent and water saving devices like sprinklers & drip systems etc.

A new Centrally Sponsored Scheme on `On Farm Water Management for increasing Crop Production in Eastern India` was launched from 2002-03. The objective of the scheme is to increase production & productivity of crops through exploiting abundant ground/surface water, in the Eastern India. Under the scheme, assistance is provided for

(i) installation of shallow tube wells (STW) with pumping sets,

(ii) electric/diesel water pumping sets,

(iii) Low Lift Irrigation Points (LIP), and

(iv) dug wells in hills and plateau regions. The scheme is being implemented in Assam, Arunachal Pradesh, Bihar, Chattisgarh, Jharkhand, Manipur, Mizoram, Orissa, West Bengal and Eastern Uttar Pradesh. The scheme is back-ended credit linked one and is being implemented through National Bank for Agricultural and Rural Development (NABARD) in coordination with the State Governments.

State-wise rates of Yield of Paddy, Wheat and Pulses during 2000-01, 2001-02 and 2002-03

(Kgs/Hectare)

States Paddy Wheat Pulses

2000-01 2001-02 2002-03 2000-01 2001-02 2002-03 2000-01 2001-02 2002-03

Andhra Pradesh	4404	4467	3931	571	643	1273	554	593	509
Arunachal Pradesh	1678	1690	1836	1409	1395	1537	1115	1044	1067
Assam	2266	2279	2207	1219	1181	1129	559	558	542
Bihar			2233	2197	2079	2146	2065	1903	865 788 845
Chattisgarh	943	1997	1053	1022	1057	1005	400	517	426
Goa	3726	3841	4028		889	894	798		
Gujarat	1215	2336	1861	2268	2435	1966	300	520	469
Haryana	3835	3978	4086	4106	4103	4053	622	794	655
Himachal Pradesh	2299	2557	1543	693	1738	1515	629	360	607
Jammu & Kashmir	2549	2533	2674	529	1325	1410	471	472	624
Jharkhand	1666	1797	2145	1626	1765	1625	825	733	1049
Karnataka	3890	3421	2908	917	763	648	467	397	384
Kerala	3243	3273	3345		797	792	738		
Madhya Pradesh	863	1429	930	1471	1620	1392	640	773	602
Maharashtra	1915	2627	1819	1257	1388	1295	460	555	577
Manipur	3647	3573	3568		525	517	525		
Meghalaya	2519	2632	2574	1643	1714	1643	745	745	765
Mizoram	2997	2841	2869		1625	1444	1087		
Nagaland	2300	2274	2235	2000	2500	2125	827	849	933
Orissa	1561	2383	1139	1466	1514	1261	352	398	341
Punjab	5259	5317	5265	4563	4532	4200	740	670	783
Rajasthan	1404	1870	1218	2402	2793	2709	308	425	269
Sikkim	2112	2131	2154	1403	1273	1416	852	862	875
Tamil Nadu	5312	4794	5025	1000		455	427	422	
Tripura	3194	3572	3397	2000	2083	1974	584	647	619
Uttar Pradesh	2966	3176	2754	2724	2755	2596	803	886	853
Uttaranchal	2981	3083	2560	1885	1933	1825	765	635	674
West Bengal	3430	3771	3694	2485	2215	2189	800	704	695
A & N Islands	4431	4179	4226		571	500	429		
D & N Haveli	2206	3300	2295	1600	2000	1600	877	825	833
Delhi	1230	4219	1246	3522	3510	3492	571	667	4000
Daman & Diu	2400	3333	3583		1000	846	923		
Pondicherry	3649	3816	4463		600	538	636		
All India			2851	3118	2706	2708	2762	2618	544 607 556

Annexure continued

State-wise rates of Yield of Oilseeds, Sugarcane and Cotton during 2000-01, 2001-02 and 2002-03

(Kgs/Hectare)

States Oilseeds Sugarcane Cotton

2000-01 2001-02 2002-03 2000-01 2001-02 2002-03 2000-01 2001-02 2002-03

Andhra Pradesh	927	661	544	81371	82945	65756	277	288	230
Arunachal Pradesh	1036	1076	962		18900	19125			
Assam	515	506	500	36593	37184	36353	80	85	74
Bihar				847	839	756	42648	45953	42963
Chattisgarh	329	404	400	2606	2571	2300	680	1020	
Goa	1778	1563	125	56000	58833	54583			
Gujarat	603	1287	603	71439	70902	69351	122	165	175
Haryana	1363	1477	1139	57133	57578	42105	424	195	340
Himachal Pradesh	552	552	448	21607	27567	25938			
Jammu & Kashmir	382	536	1478	0	0	5000			
Jharkhand	625	625	1048	38132	38132	31707			
Karnataka	804	587	555	102909	81122	84361	263	171	159
Kerala	614	636	467	81059	81758	88065	277	255	227
Madhya Pradesh	741	818	623	22168	38846	39545	84	124	118
Maharashtra	820	944	943	83343	78097	61795	100	147	158
Manipur	464	400	1250	34571	30286	31714			

Meghalaya 670 674 800 2000 2000 3000 179 184 182
Mizoram 750 654 739 6400 6714 5286 408 283 85
Nagaland 981 1075 1233 43750 50000 40000 227 1233 493
Orissa 425 422 427 57375 58545 53042 275 147 276
Punjab 1010 1004 897 64215 65141 60325 430 366 410
Rajasthan 768 1008 716 41578 47495 42170 268 94 111
Sikkim 690 690 798
Tamil Nadu 1716 1681 1611 105258 101620 106778 317 295 305
Tripura 723 717 878 54100 52700 46833 246 248 238
Uttar Pradesh 803 841 768 54719 57976 53680 154 174 150
Uttaranchal 502 714 719 59993 60010 57351
West Bengal 964 819 841 67852 85124 65708 383 425 383
A & N Islands 23500 24000 39000
D & N Haveli 1000 3000 1000
Delhi 171 1000 1029
Daman & Diu
Pondicherry 1769 1429 1500 80160 94000 101350 782 935 893
All India 810 913 712 68577 67370 61111 190 186 193