GOVERNMENT OF INDIA

MINISTRY OF WATER RESOURCES,

River Development & Ganga Rejuvenation

**RAJYA SABHA**

**UNSTARRED QUESTION NO. 3503**

ANSWERED ON 26.03.2018

**Wastage of water due to irrigation**

3503. SHRI SANJAY SINGH

Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION be pleased to state:

(a) whether Government has taken any measures to adopt environmentally sustainable techniques to decrease wastage of water because of irrigation uses during the last three years; and

(b) if so, the details thereof, State-wise?

**ANSWER**

THE MINISTER OF STATE FOR WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION & PARLIAMENTARY AFFAIRS

(Shri Arjun Ram Meghwal)

(a) & (b) Yes, Sir. The measures for decreasing wastage of water because of Irrigation uses are adopted under three different programmes under the umbrella scheme of PMKSY. These are “Accelerated Irrigation Benefits Programme” (AIBP), Command Area Development and Water Management Programme (CADWM), and Per Drop More Crop Programme (PDMC).

Central Government has launched the Accelerated Irrigation Benefits Programme (AIBP) in the year 1996-97 to provide Central Assistance to major/medium irrigation projects in the country, with the objective to accelerate implementation of such projects which were in advanced stage of completion. The Command Area Development Programme launched in 1974-75 and renamed as Command Area Development & Water Management (CADWM) in 2004, was taken up with a view to enhance utilisation of irrigation potential created and improve agriculture production on sustainable basis through Participatory Irrigation Management. The Pradhan Mantri Krishi Sinchai Yojana (PMKSY) was launched by Central Government in 2015-16 and from July 2016 onwards, 99 prioritised AIBP projects have been taken up for completion in mission mode along with their Command Area Development & Water Management (CADWM) works. Funding mechanism under “Long Term Irrigation Fund’ through NABARD has been approved by the Government for both Central and State share. The State-wise Central Assistance for AIBP and CAD&WM Programme during last three years is given at **Annexure**-**I**.

The scheme of Micro-Irrigation of Ministry of Agriculture & Farmer’s Welfare was taken up in 2005-06 for enhancing water use efficiency in agriculture sector by propagating micro-irrigation techniques like Drip and Sprinkler Irrigation System. From 2015-16, the scheme has been subsumed under Per Drop More Crop component of PMKSY. The State-wise Central Assistance covered under micro-irrigation during the last three years is given at **Annexure-II**.

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**Annexure-I**

**Annexure referred to in reply to parts (a) & (b) of Unstarred Question No. 3503 to be answered in Rajya Sabha on 26.03.2018 regarding “Wastage of Water Due to Irrigation”**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| State-wise Central Assistance (Rs. In Cr.) under PMKSY - AIBP & CADWM | | | | | | | |
| **Sl. No.** | **State** | **2015-16** | | **2016-17** | | **2017-18** | |
| **AIBP** | **CADWM** | **AIBP** | **CADWM** | **AIBP** | **CADWM** |
| **1** | **Arunachal Pradesh** | 0.00 | 8.31 | 0.00 | 0.00 | 0.00 | 0.000 |
| **2** | **Andhra Pradesh** | 0.00 | 0.00 | 7.40 | 0.00 | 11.79 | 3.645 |
| **3** | **Assam** | 107.92 | 24.32 | 0.00 | 0.00 | 0.00 | 3.555 |
| **4** | **Bihar** | 41.51 | 7.75 | 0.00 | 12.64 | 46.32 | 8.765 |
| **5** | **Chhattisgarh** | 0.00 | 0.00 | 13.29 | 0.00 | 0.00 | 21.723 |
| **6** | **Gujarat** | 128.00 | 354.72 | 961.88 | 681.64 | 555.88 | 690.476 |
| **7** | **Haryana** | 0.00 | 77.39 | 0.00 | 0.00 | 0.00 | 0.000 |
| **8** | **Himachal Pradesh** | 0.00 | 1.67 | 0.00 | 0.00 | 0.00 | 0.000 |
| **9** | **Jammu & Kashmir** | 34.31 | 27.67 | 0.00 | 0.00 | 9.57 | 0.000 |
| **10** | **Jharkhand** | 281.62 | 0.00 | 145.75 | 0.00 | 0.00 | 0.000 |
| **11** | **Karnataka** | 208.16 | 61.10 | 135.47 | 31.43 | 222.01 | 15.252 |
| **12** | **Kerala** | 0.00 | 1.93 | 0.00 | 0.00 | 0.00 | 0.000 |
| **13** | **Madhya Pradesh** | 188.21 | 104.31 | 300.15 | 77.79 | 99.13 | 102.785 |
| **14** | **Maharashtra** | 307.81 | 4.78 | 379.88 | 15.17 | 133.67 | 42.257 |
| **15** | **Manipur** | 142.38 | 27.92 | 127.00 | 0.00 | 0.00 | 0.000 |
| **16** | **Odisha** | 173.80 | 57.95 | 457.66 | 35.27 | 238.06 | 58.576 |
| **17** | **Punjab** | 1.05 | 155.92 | 52.42 | 0.00 | 0.00 | 0.000 |
| **18** | **Rajasthan** | 45.51 | 113.22 | 45.89 | 0.00 | 108.44 | 2.479 |
| **19** | **Tamil Nadu** | 0.00 | 29.27 | 0.00 | 0.00 | 0.00 | 0.000 |
| **20** | **Telangana** | 112.50 | 0.00 | 545.45 | 0.00 | 13.24 | 13.297 |
| **21** | **Uttar Pradesh** | 555.04 | 76.93 | 135.63 | 0.00 | 0.00 | 0.000 |
| **22** | **West Bengal** | 0.00 | 7.55 | 0.00 | 0.00 | 0.00 | 0.000 |
| **Total** | | **2327.82** | **1142.71** | **3307.86** | **853.94** | **1438.11** | **962.810** |

**Annexure-II**

**Annexure referred to in reply to parts (a) & (b) of Unstarred Question No. 3503 to be answered in Rajya Sabha on 26.03.2018 regarding “Wastage of Water Due to Irrigation”**

**State- wise Central Assistance for Micro Irrigation under PDMC**

**Rs. In crore**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No.** | **States** | **2015-16** | **2016-17** | **2017-18** |
| 1 | Andhra Pradesh | 177.68 | 265.69 | 425.00 |
| 2 | Bihar | 10.00 | 0.00 | 0.00 |
| 3 | Chhattisgarh | 7.50 | 24.00 | 12.50 |
| 4 | Goa | 0.00 | 0.30 | 0.00 |
| 5 | Gujarat | 204.10 | 250.00 | 275.00 |
| 6 | Haryana | 16.94 | 24.00 | 6.81 |
| 7 | Himachal Pradesh | 0.75 | 0.50 | 2.00 |
| 8 | Jharkhand | 0.00 | 12.00 | 15.00 |
| 9 | Jammu & Kashmir | 0.00 | 0.00 | 0.00 |
| 10 | Karnataka | 111.75 | 169.00 | 300.00 |
| 11 | Kerala | 0.86 | 0.00 | 0.00 |
| 12 | Madhya Pradesh | 134.33 | 84.00 | 150.00 |
| 13 | Maharashtra | 88.38 | 247.50 | 285.00 |
| 14 | Odisha | 8.35 | 10.80 | 0.00 |
| 15 | Punjab | 0.00 | 1.18 | 0.00 |
| 16 | Rajasthan | 52.37 | 72.00 | 10.00 |
| 17 | Tamil Nadu | 72.75 | 110.00 | 171.00 |
| 18 | Telangana | 95.15 | 165.00 | 207.00 |
| 19 | Uttarakhand | 3.50 | 10.00 | 7.20 |
| 20 | Uttar Pradesh | 7.50 | 12.00 | 30.00 |
| 21 | West Bengal | 0.00 | 3.90 | 6.00 |
| 22 | Arunachal Pradesh | 0.00 | 0.00 | 0.00 |
| 23 | Assam | 0.50 | 0.00 | 3.00 |
| 24 | Manipur | 1.36 | 0.00 | 3.00 |
| 25 | Meghalaya | 0.00 | 0.00 | 0.00 |
| 26 | Mizoram | 2.25 | 3.90 | 4.80 |
| 27 | Nagaland | 0.00 | 0.00 | 0.00 |
| 28 | Sikkim | 4.26 | 3.90 | 0.00 |
| 29 | Tripura | 0.00 | 0.00 | 0.00 |
| 30 | NCPAH/ TSG/HQ | 0.85 | 0.60 | 1.00 |
|  | **Grand Total** | **1001.13** | **1470.27** | **1914.31** |