

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

**LOK SABHA**

**STARRED QUESTION No. 83**

TO BE ANSWERED ON 13<sup>th</sup> DECEMBER, 2022

**FUNDS RELEASED UNDER RKVY**

\* 83. SHRI RAJIV RANJAN SINGH ALIAS LALAN SINGH :  
SHRI SANTOSH KUMAR:

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

- (a) the amount of funds released for the State of Bihar during each of the last five years under Rashtriya Krishi Vikas Yojana (RKVY);
- (b) the details of the programmes being run under this Yojana;
- (c) whether the objectives of the said yojana have been achieved; and
- (d) if so, the details thereof ?

**ANSWER**

MINISTER OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्री (SHRI NARENDRA SINGH TOMAR)

(a) to (d): A statement is laid on the Table of the House.

STATEMENT IN RESPECT OF PARTS (a) TO (d) OF THE LOK SABHA  
STARRED QUESTION NO. 83 FOR 13.12.2022 REGARDING FUNDS  
RELEASED UNDER RKVY.

(a): RKVY scheme was initiated in 2007 as an umbrella scheme for ensuring holistic development of agriculture and allied sectors by allowing states to choose their own agriculture and allied sector development activities as per the district/state agriculture plan. The Scheme has been revamped as Rashtriya Krishi Vikas Yojana - Remunerative Approaches for Agriculture and Allied Sector Rejuvenation (RKVY-RAFTAAR) for implementation from 2017-18. The main objectives of the scheme are:

- (i) To strengthen the farmers efforts through creation of required pre and post-harvest agri-infrastructure that increases access to quality inputs, storage, market facilities etc.
- (ii) To provide autonomy, flexibility to States to plan and execute schemes as per state specific requirements.
- (iii) To mitigate risk of farmers with focus on additional income generation activities - like integrated farming, mushroom cultivation, bee keeping, floriculture etc.

The year-wise fund released to the State Government of Bihar is given at Annexure – I

(b) to (d): The State Governments can take up projects related to agriculture and allied sectors as per their priorities such as crop development, horticulture, agricultural mechanization, marketing & post-harvest management, micro irrigation, organic farming etc. under the scheme. The State Level Sanctioning Committee (SLSC) headed by Chief Secretary of the concerned states is the empowered body to approve projects. Illustrative list of projects that can be taken up by the states under the scheme is given at Annexure-II.

The State Government of Bihar has concentrated their efforts in major sector i.e. crop production, horticulture, animal husbandry, cooperative department and agri research. The Project wise details implemented under RKVY by Bihar during 2017-18 to 2021-22 is enclosed at Annexure-III.

A total no. of 84 projects related to agri & allied sectors such as High Yielding Variety (HYV) Seed Distribution, Strengthening of Tissue Culture Lab, Mushroom Production unit, Construction of Godown, Organization of Dairy Co-operative Societies, Strengthening of Dairy Plants, agriculture research project, have been implemented by State Government of Bihar.

State Government has reported that the total food grain production increased from 16.31 lakh tonnes in 2018-19 to 17.95 lakh tonnes in 2020-21, recording a growth rate of 4.91 percent. The cereal production increased from 15.86 lakh tonnes in 2018-19 to 17.57 lakh tonnes in 2020-21, recording a growth rate of 5.27 percent. Also, the productivity of cereals increased from 2636 kg per hectare in 2018-19 to 2961 kg per hectare in 2020-21, in which RKVY has played important role by providing technological improvements, assured irrigation, supply of certified seeds etc.

**Annexure – I**

The year-wise fund released to the State Government of Bihar

(Rs. In crore)

| Sl. No. | Year    | Release |
|---------|---------|---------|
| 1       | 2017-18 | 69.31   |
| 2       | 2018-19 | 83.97   |
| 3       | 2019-20 | 115.08  |
| 4       | 2020-21 | 45.39   |
| 5       | 2021-22 | 69.77   |

**Annexure – II****Illustrative List of Projects that can be funded under RKVY Stream**

| Sl. No. | SECTOR                                      | DESCRIPTION OF INFRASTRUCTURE  |
|---------|---|--|
| 1.      | Horticulture                                | Nurseries  |
|         |   | Tissue Culture Labs  |
|         |   | Community tanks/Farm ponds/on farm water resources with plastic/RCC lining   |
|         |   | Green House/ Poly House/Shade Net House structures   |
|         |   | Sanitary and phytosanitary infrastructure  |
|         |   | INM/IPM infrastructure such as Disease Forecasting Units, Plant Health Clinics, Leaf/Tissue Analysis labs, Bio-control laboratories              |
|         |   | Vermi compost units  |
|         |   | Controlled atmosphere storage  |
|         |   | Cold storage/pre cooling/refrigerated van, cold chain infrastructure   |
|         |   | Ripening/Curing chamber  |
|         |   | Primary/minimal processing units   |
|         |   | Terminal/wholesale/Rural market  |
|         |   | Functional infrastructure for collection, sorting, grading etc.  |
|         |   | Infrastructure related to Horticulture produce processing as per Ministry of Food Processing Industries (MoFPI) guidelines.                      |
| 2.      | Natural Resources Management                | Soil & Water conservation activities (Terracing, Gully Control Measures, Spill Ways, Check Dams, Spurs, Diversion Drains, Protection Walls etc.) |
|         |   | Reclamation of problem Soils (Acid/Alkali/Saline/Ravine/Water logged).   |
| 3.      | Pest Management & Pesticide quality control | Labs for production of bio-control agents  |
|         |   | State Pesticide Residue Testing Labs   |
|         |   | State Pesticide Testing Labs   |
|         |   | Bio-Pesticide Testing Labs   |
|         |   | Seed Treatment drums & chemicals   |
| 4.      | Soil Nutrient Management                    | Setting up of new soil testing laboratories.   |
|         |   | Strengthening of existing soil test laboratories with micro-nutrient testing facilities.   |
|         | Fertilizers                                 | Setting up of new fertilizer Quality control Laboratories (FQCLs).   |
|         |   | Strengthening of existing FQCLs.   |
|         |   | Bio fertilizer Production Units.   |

|     |  |   |
|-----|--|---|
|     | Bio Fertilizers/<br>Organic<br>Farming | Fruit/Vegetables waste, compost production units.   |
| 5.  | Marketing and<br>Post-Harvest          | Fruits & Vegetable Markets/Distribution Centres   |
|     |  | Market Infrastructural Facilities, including Agricultural Produce Market Committees (APMC)        |
|     |  | Construction of Specialized Storage Facilities like Onion Storage Godowns                         |
|     |  | Electronic Trading including Spot and Futures Markets and E-auctioning                            |
|     |  | Farmers Service Centres   |
|     |  | Food Grain Procurement Centres  |
|     |  | E-Kisan Bhawans / Internet Kiosks   |
|     |  | Grading including grading line  |
|     |  | Quality Control   |
|     |  | Packing   |
| 6.  | Seeds                                  | Seed Testing Labs   |
|     |  | Seed Processing Facilities  |
|     |  | Seed Storage Godowns including Dehumidified Refrigerated Seed Storage Godowns                     |
|     |  | Seed Certification Agencies and Certification Infrastructure                                      |
|     |  | Seed Multiplication Farms   |
| 7.  | Agriculture<br>Mechanization           | Custom Hiring Centers for Agricultural Equipment  |
|     |  | Agriculture Machines Testing Centers  |
| 8.  | Agricultural<br>Extension              | Kisan Call Centres  |
|     |  | ATMA Infrastructure   |
|     |  | Knowledge / Technology Resource Centres   |
| 9.  | Agriculture<br>Research                | Research Infrastructure   |
|     |  | Strengthening of KrishiVigyan Kendras (KVKs)  |
| 10. | Minor / Micro<br>Irrigation            | Shallow Wells & Dug Wells   |
|     |  | Tube Wells ( <i>except in dark/grey /critical zone identified by Central Ground Water Board</i> ) |
|     |  | Percolation & Minor Irrigation Tanks  |
|     |  | Farm Ponds  |
|     |  | Drip & Sprinkler Irrigation System  |
|     |  | Field Channels  |
|     |  | Piped Water Conveyance System   |
|     |  | Breeding farms  |

|  |  |
|--|--|
|  | Dispensaries/Hospitals for treatment of Animals  |
|  | Vaccine Production Unit  |
|  | Diagnosis Labs, including Mobile Units   |
|  | Animal Ambulance   |
|  | Cold Chain for storing and transportation of frozen Semen  |
|  | Tractor fitted with Fodder Block Machine   |
|  | Carcass rendering Plant to collect the fallen animals for processing/utilization in scientific manner        |
|  | Modernization of animal slaughter houses* and markets for livestock /livestock products                      |
|  | Purchase of milking machines ( single/double bucket)   |
|  | Setting up of milk chilling/bulk milk cooling centres (BMC) along with automatic milk collection units (AMC) |
|  | Setting up/modernization/strengthening of milk processing units  |
|  | Strengthening /expansion of cold storage facility for milk and milk product                                  |
|  | Purchase of insulated/refrigerated transport vehicles  |
|  | Setting up of milk parlor/milk booth   |
|  | Strengthening of lab facility in milk chilling/milk processing unit  |
|  | Establishment of cattle feed storage godown  |
|  | Establishment/strengthening of cattle feed plant   |
|  | Establishment of cattle shed for milch animals   |
|  | Setting /strengthening of ETP at milk chilling/milk processing unit  |
|  | Fish seed Hatcheries   |
|  | Marketing infrastructure   |
|  | Mobile Transport/Refrigerated vans   |
|  | Cold Storage & Ice Plants  |

**Annexure-III****Details of the projects approved by the State of Bihar under RKVY from  
2017-18 to 2021-22****2017-18**

| <b>Sl. No.</b> | <b>Project Name</b>   |
|----------------|---|
| 1              | SRI Rice Demonstration  |
| 2              | Paddy Transplanter's Rice Demonstration                               |
| 3              | Aromatic Rice Demonstration   |
| 4              | Intercropping pulses demonstration with Hybrid Maize                  |
| 5              | <b>Hybrid Seed Distribution Programme</b>                             |
| i              | Seed Distribution   |
| 6              | HYV Seed Distribution   |
| 7              | Marua Demonstration in non traditional Area                           |
| 8              | Hybrid Maize Distribution in non traditional Area                     |
| 9              | Arhar distribution in non traditional Area                            |
| 10             | Bajara Distribution in non traditional Area                           |
| 11             | <b>Animal Husbandry &amp; Fisheries resource Department</b>           |
| (i)            | Construction of Veterinary Hospital Building                          |
| 12             | <b>Dairy Sector</b>   |
| (i)            | Organization of Dairy Co-operative Societies (2017-18 to 2019-20)     |
| (ii)           | Revival of Dairy Co-operative Societies                               |
| (iii)          | Strengthening of Dairy Plants   |
| 13             | <b>Cooperative Department</b>   |
| (i)            | Establishment of Electricity based Rice Mill 2 MT capacity with Dryer |
| 14             | <b>Department of Sugarcane Industries</b>                             |
| (i)            | Distribution of Trencher  |
| (ii)           | Strengthening of Tissue Culture Lab                                   |
| (iii)          | Administrative Expenses   |
| 15             | <b>Sub Scheme of RKVY RAFTAAR</b>                                     |
| (i)            | Bringing Green Revolution to Eastern India (BGREI)                    |
| (ii)           | Reclamation of Problems Soil (RPS)                                    |
| (iii)          | Crop Diversification Programme (CDP)                                  |



**2018-19**

| <b>Sl. No.</b> | <b>Project Name</b>  |
|----------------|--|
| 1              | SRI Rice Demonstration   |
| 2              | Hybrid Seed Distribution Programme   |
| 3              | Zero Till Wheat Demonstration  |
| 4              | HYV Wheat Seed Distribution (For varieties less than 10 years)   |
| 5              | Contingency  |
| 6              | Development of Katrani Rice (BAU)  |
| 7              | Application of Hurdle Technology for the Development & Standardization of Nutritionally Fortified Multigrain Cereal Products |
| 8              | Soil Conservation (Jamui) Community well   |
| 9              | Mushroom Production (Horticulture)   |
| 10             | Strengthening of e-Kisan Bhawan  |
| 11             | Construction of Godown (200 MT)  |
| 12             | NADEP Compost Unit Construction  |
| 13             | <b>Animal Husbandry Sector</b>   |
| (i)            | Construction of Veterinary Hospital Building for treatment of animals  |
| (ii)           | Procurement of Animal Ambulance (Ambulatory Van)   |
| 14             | <b>Cooperative Department</b>  |
| (i)            | Establishment of Rice Mill with Dryer  |
| (ii)           | Construction of Hosted Building of Deep Narayan Singh Regional Institute of Cooperative Management                           |
| 15             | <b>Sub Scheme of RKVY RAFTAAR</b>  |
| (i)            | Bringing Green Revolution to Eastern India (BGREI)   |
| (ii)           | Reclamation of Problems Soil (RPS)   |
| (iii)          | Crop Diversification Programme (CDP)   |
| (iv)           | Animal Health  |

**2019-20**

| <b>Sl. No.</b> | <b>Project Name</b>  |
|----------------|--|
| 1              | SRI Rice Demonstration   |
| 2              | Hybrid Seed Distribution Programme                             |
| 3              | Zero Till Wheat Demonstration                                  |
| 4              | HYV Wheat Seed Distribution (For varieties less than 10 years) |
| 5              | Contraction of Godown (200 MT)                                 |
| 6              | Contingency  |
| 7              | <b>Bihar Agriculture University, Sabaur, Bhagalpur</b>         |

|        |   |
|--------|---|
| (i)    | Extent and Distribution of Arsenic Contamination in soil, Plant and Groundwater of Bihar- Its Impact on animal and human health                     |
| (ii)   | Strategy to improve productivity and profitability of fodder and vegetable using Hydroponics in Eastern India                                       |
| (iii)  | Monitoring and risk assessment of pesticide residue in market vegetable sample of Bihar and possible decontamination option                         |
| (iv)   | Establishment and strengthening of tissue culture laboratory for production of Tissue Culture Plantlets of Pineapple for the Farmers of Bihar       |
| (v)    | Site specific crop pest and disease diagnostics and their management using Unmanned Aerial Vehicle & Artificial Intelligence                        |
| (vi)   | Popularization and strengthening of Mushroom production technology through developing quality spawn and capacity building of farmers in Kosi region |
| (vii)  | Development of Katrani Rice (BAU)   |
| (viii) | Application of Hurdle Technology for the Development & Standardization of Nutritionally Fortified Multigrain Cereal Products                        |
| (ix)   | Establishment of Farm Machinery Testing Centre BAU, Sabaur, Bhagalpur   |
| 8      | <b>Dr. Rajendra Pd. Central Agriculture University, Pusa Samastipur</b>   |
| (i)    | Strengthening of Farm Machinery Testing Centre RAU, Pusa, Samastipur  |
| (ii)   | Standardization of Seed Production Practices and Participatory Seed Production Programme of Hybrid Paddy  |
| 9      | Special Scheme of Scheduled Caste and Scheduled Tribe Farmers of Soil Conservation  |
| 10     | Establish of Training Institute of Borlog Institute for South Asia at Pusa  |
| 11     | Establishment of Export Pack House  |
| 12     | <b>Animal Husbandry &amp; Fisheries resource Department</b>   |
| (i)    | Establishment of Automatic Milk Collection Units in the DSC   |
| (ii)   | Establishment of Training Centre  |
| (iii)  | Clean Milk Production Programme   |
| 13     | <b>Cooperative Department</b>   |
| (i)    | Establishment of Rice Mill with Dryer   |
|        | <b>Sub Scheme of RKVY RAFTAAR</b>   |
| (i)    | Bringing Green Revolution to Eastern India (BGREI)  |

|       |                                      |
|-------|--------------------------------------|
| (ii)  | Reclamation of Problems Soil (RPS)   |
| (iii) | Crop Diversification Programme (CDP) |

**2020-21**

| Sl. No. | Project Name                                       |
|---------|--|
| 1       | Bringing Green Revolution to Eastern India (BGREI) |
| 2       | Reclamation of Problems Soil (RPS)                 |
| 3       | Crop Diversification Programme (CDP)               |

**2021-22**

| Sl. No. | Project Name  |
|---------|---|
| 1       | Construction of storage godown (200 MT),  |
| 2       | Contingency   |
| 3       | Mushroom Production   |
| 4       | Horticulture Development Schemes through protected cultivation  |
| 5       | Installation of Batch Type Seed Dryer   |
| 6       | 5000 MT Godown for the Bihar State Beej Nigam Limited at Sherghati in District Gaya   |
| 7       | Building Educational and Scientific Environment for Strengthening of Advance Centre on Sericulture  |
| 8       | Establishment of Tissue Culture Laboratory for production of Tissue Culture Plantlets of Banana and Papaya for Doubling the Farmer's Income of Zone IIIB of Bihar |
| 12      | <b>Animal Husbandry &amp; Fisheries resource Department</b>   |
| (i)     | Organization of Dairy Cooperative Societies   |
| (ii)    | Godown for Fodder Seed and Cattle feed  |
| (iii)   | Strengthening of Laboratory Networking and Automation of BMC's  |
| (iv)    | Construction of product Block at Gaya and construction of Training Centre at Gaya   |
| (v)     | Monitoring MIS and Evaluation   |

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