

## **Rashtriya Krishi Vikash Yojona' (RKVY)**

The importance of soil moisture conservation, arresting soil erosion, replenishing the water table by arresting run off cannot be over emphasized. The success of agriculture, upliftment of rural economy and productivity in forestry sector depends on improving soil and soil moisture conservation, arresting soil erosion and replenishment of water table.

To, achieve success in these endeavors the Forest Department utilizes fund from the Additional Central Assistance Scheme – 'Rashtriya Krishi Vikash Yojona' (RKVY), launched by the Central Govt. mainly to incentivize the State to attain 4% annual growth rate in agriculture & allied sectors during the 11<sup>th</sup> plan period. The project is taken up for holistic development of agriculture and allied sectors through the endeavors mentioned above.

The main objectives of the scheme taken up by the Forest Department are :

1. Improvement of ground water regime.
2. Controlling soil erosion and arrest sedimentation to the extent possible.
3. To create small irrigation system for the agriculture lands in the proximity of the forest areas.
4. To improve the productivity of the areas under treatment.
5. Creating modern infrastructures for improved planting material for ensuring soil stabilization and arresting runoff.

Works undertaken :

### **1. Plantation.**

#### **Objectives:-**

- a. To take up plantation activities in the degraded forest areas in different districts of South West Bengal and in the plantation areas in North Bengal.
- b. To supply fuel wood and fodder.

### **2. Soil & Moisture Conservation.**

#### **A. Contour Trenches in Forest Areas:**

##### **Objectives:**

- a. Recharge ground water.
- b. To conserve soil moisture in the plantation areas in the dry seasons.

#### **B. Earthen Dam:**

##### **Objectives :**

- a. To prevent soil erosion.
- b. To harvest Rain water.

#### **C. Gully Plugging work/ Rock check dams:**

##### **Objectives:**

- a. To prevent accelerated erosion.
- b. To harvest Rain water.

**D. Catch water drain.**

**Objectives:**

- a. To prevent soil erosion.
- b. To stabilize hill slopes & check landslide.

**3. Minor / Micro irrigation channel.**

**A. Digging Ring Wells for water facilities for the Forest Protection Committee villages**

**Objectives:**

- a. To maintain availability of water to the forest protection committee villages,

**4. Soil & nutrient management.**

**A. Renovation of the existing Soil Labs of Forest Directorate:**

**Objective:**

- a. Creating of scientific management of soil nutrient system,
- b. Creation of infrastructure for the soil nutrient testing and management protocol.

**5. Vermi composting.**

**Objective:**

- a. Creation of units of vermin/ farm composting in forest villages and forest protection committees so that proper supplement of soil nutrients can be added to the soil.

Table showing approval of fund during last 4 Financial Year :

<b>Financial Year</b>	<b>Amount (Rs. In Lakhs)</b>
2013-14	1125.83
2014-15	1508.54
2015-16	1308.00
2016-17	1430.00

<b>ITEM OF WORKS FOR RKVY: 2016-17</b>					
<b>I. Infrastructure &amp; Assets</b>					
<b>(i) Natural Resource Management</b>					
<b>a) Soil &amp; Moisture conservation</b>					
<b>Sl. No.</b>	<b>Particulars of Work</b>	<b>Unit</b>	<b>Physical</b>	<b>Rate (Rs.)</b>	<b>Financial (Rs.)</b>
1	E.D	Unit	38	8,07,816.00	3,06,97,008.00
2	Gully Plugging	cum	5986	2,239.00	1,34,02,654.00
3	Production centres of good quality planting material	No.	32	25,00,000.00	8,00,00,000.00
<b>TOTAL</b>					<b>12,40,99,662.00</b>
<b>(ii) Minor / Micro irrigation</b>					
1	Ringwell	No.	300	63,000.00	<b>1,89,00,000.00</b>
<b>GRAND TOTAL ( i + ii) *</b>					<b>14,29,99,662.00</b>

**(Rupees Fourteen Crores Twenty Nine Lakhs Ninety Nine Thousands Six Hundred and Sixty Two Only)**

**\* Includes 1% Administrative cost out of which cost of Monitoring & Evaluation will be borne.**

**RKVY 2017-18 Tentative estimates of project activities**

<b>RKVY: Work Programme for 2017-18</b>					
<b>I. Infrastructure &amp; Assets</b>					
<b>(i) Natural Resource Management (Soil and Moisture Conservation Work)</b>					
<b>S. No.</b>	<b>Particulars of Work</b>	<b>Unit</b>	<b>Physical</b>	<b>Rate (Rs.)</b>	<b>Financial (Rs.)</b>
1	Contour trench *	Km	2408	4,008.00	97,47,778.00
2	E.D *	Unit	25.5	8,15,088.00	2,09,92,591.00
3	Gully Plugging/Rock check Dam *	cum	8799	2,252.00	2,00,13,501.00
4	River training works to prevent damage to Agricultural Fields *	cum	6200	4,525.00	2,83,35,550.00
5 (a)	Production centres of QPM for 1.0 lakh capacity *	No.	16	25,00,000.00	4,04,00,000.00
5 (b)	Production centres of QPM for 2.0 lakh capacity *	No.	14	45,00,000.00	6,36,30,000.00
<b>(ii) Minor /Micro irrigation</b>					
1	Ring-well (20 mtr depth 4 ft diameter) *	No.	265	63,000.00	1,68,61,950.00
<b>PROJECT TOTAL OUT LAY *</b>					<b>19,99,81,370.00</b>
<b>Or Say</b>					<b>20.00 Crores</b>
<b>(Rupees Twenty Crores Only)</b>					
<b>*Includes 1% Administrative Cost for Monitoring &amp; Evaluation.</b>					