



Rajasthan Agricultural Competitiveness Project (P124614)

SOUTH ASIA | India | Agriculture and Food Global Practice |
IBRD/IDA | Investment Project Financing | FY 2012 | Seq No: 19 | ARCHIVED on 29-Jun-2020 | ISR42671 |

Implementing Agencies: Rajasthan Agricultural Competitiveness Project Management and Implementation Society, Republic of India

Key Dates**Key Project Dates**

Bank Approval Date: 27-Mar-2012

Effectiveness Date: 02-Jul-2012

Planned Mid Term Review Date: 31-Jan-2017

Actual Mid-Term Review Date: 31-May-2017

Original Closing Date: 30-Apr-2019

Revised Closing Date: 30-Jun-2020

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

Project Development Objective(s) is to establish the feasibility of sustainably increasing agricultural productivity and farmer incomes through a distinct agricultural development approach by integrating agriculture water management and agricultural technology, farmer organizations and market innovations in selected locations across the ten agroecological zones of Rajasthan. The aim is for the state to help farmers get more rupees per unit of water in compensation for farmers using fewer units of water.

Has the Project Development Objective been changed since Board Approval of the Project Objective?

Yes

Board Approved Revised Project Development Objective (If project is formally restructured)

To sustainably increase agricultural productivity and farmer incomes in selected locations of Rajasthan.

Components Table

Name

Climate Resilient Agriculture:(Cost \$87.70 M)
Markets and Value Chains:(Cost \$33.80 M)
Farmers Organizations and Capacity Building:(Cost \$25.50 M)
Project Management and M&E:(Cost \$19.50 M)

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	<input type="checkbox"/> Moderately Satisfactory	<input type="checkbox"/> Moderately Satisfactory
Overall Implementation Progress (IP)	<input type="checkbox"/> Moderately Satisfactory	<input type="checkbox"/> Moderately Satisfactory
Overall Risk Rating	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial

Implementation Status and Key Decisions

The Rajasthan Agricultural Competitiveness Project (RACP) seeks to reach some 137,000 farmers in 17 targeted clusters across the state. RACP finances investments across these clusters that are expected to: (a) increase agricultural water use efficiency; (b) reduce overall agricultural water



use; and (c) increase market access for participating farmers. The total project cost (at Appraisal in 2012) was USD 165 million, partially financed with an IDA Credit of USD 97 million equivalent and counterpart contributions from the participating farmers.

To date, RACP has reached some 90,000 farmers across 17 clusters (65% of total farmers in these clusters) with agricultural assets and services through 17 Cluster Agricultural Competitiveness Plans (CACPs). Across the 17 clusters, RACP has: (a) increased water use efficiency (measured in INR/cubic meter) from INR 14.2 to INR 30.1; (b) expanded the area provided with new/improved irrigation services from 20% to 57%; (c) increased area under less water-use crops from 15% to 53%; and (d) increased per-hectare productivity by 28% from 1.8 MT to 2.3 MT for six reference crops.

RACP has registered 32 Farmer Producer Companies (FPCs), with an aggregate 16,224 farmer members and INR 1.57 crore (USD 0.22 million) in shareholdings. Of these, 20 FPCs have obtained input purchase licenses; aggregate collective input sales to members INR 3.6 crore (USD 0.46 million). Eleven FPCs have obtained direct purchase licenses (which now allow these FPCs to buy produce from their member-owners).

Risks

Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Macroeconomic	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Sector Strategies and Policies	--	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial
Technical Design of Project or Program	--	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial
Institutional Capacity for Implementation and Sustainability	--	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial
Fiduciary	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Environment and Social	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Stakeholders	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Other	--	--	--
Overall	--	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial

Results

PDO Indicators by Objectives / Outcomes

To sustainably increase agricultural productivity and farmer incomes in selected location of RJ

► Reduction in water used in agriculture (Cubic Meter(m3), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	3,000.00	1,606.00	1,606.00	2,550.00
Date	16-Jan-2012	03-Mar-2020	26-Jun-2020	30-Jun-2020



► Increase in Water Use Efficiency (WUE) in agriculture (USD/M3) (Amount(USD), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.23	0.43	0.43	0.37
Date	16-Jan-2012	03-Mar-2020	26-Jun-2020	30-Jun-2020
► Percent Increase in productivity (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	25.00	25.00	32.00
Date	16-Jan-2012	03-Mar-2020	26-Jun-2020	30-Jun-2020
☐ Pulses (Gram) (Metric ton, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1.11	1.36	1.36	1.57
Date	16-Jan-2012	03-Mar-2020	26-Jun-2020	30-Jun-2020
☐ Oilseeds (Mustard) (Metric ton, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1.25	1.55	1.55	1.75
Date	16-Jan-2012	03-Mar-2020	26-Jun-2020	30-Jun-2020
☐ Bajra (Metric ton, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1.15	1.47	1.47	1.49
Date	16-Jan-2012	03-Mar-2020	26-Jun-2020	30-Jun-2020
☐ Barley (Metric ton, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	2.51	3.37	3.37	3.39
Date	16-Jan-2012	03-Mar-2020	26-Jun-2020	30-Jun-2020
☐ Maize (Metric ton, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1.71	2.10	2.10	2.22



Date	16-Jan-2012	03-Mar-2020	26-Jun-2020	30-Jun-2020
☐Wheat (Metric ton, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	3.17	3.80	3.80	4.28
Date	16-Jan-2012	03-Mar-2020	26-Jun-2020	30-Jun-2020
☐Goat milk (Liter/Goat) (Liter, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.80	1.09	1.09	1.04
Date	16-Jan-2012	03-Mar-2020	03-Mar-2020	30-Jun-2020
☐Average Goat Weight (KG/Goat) (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	15.00	19.01	19.01	20.00
Date	16-Jan-2012	03-Mar-2020	03-Mar-2020	30-Jun-2020
▶Percent Increase in gross marginfrom crops and goats (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	93.50	48.90	60.00
Date	16-Jan-2012	03-Mar-2020	26-Jun-2020	30-Jun-2020
▶Farmers adopting improved agricultural technology (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	40.00	57.00	50.00
Date	16-Jan-2012	03-Mar-2020	26-Jun-2020	30-Jun-2020

Intermediate Results Indicators by Components

Climate Resilient Agriculture				
▶Area Provided with New/Improved Irrigation (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target



Value	20.00	57.20	57.20	70.00
Date	16-Jan-2012	03-Mar-2020	26-Jun-2020	30-Jun-2020
► Area under less water use crops (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	15.00	53.20	53.20	60.00
Date	16-Jan-2012	03-Mar-2020	26-Jun-2020	30-Jun-2020
► Increase in volume of runoff captured (Cubic Meter(m3), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	16.86	16.86	0.86
Date	16-Jan-2012	03-Mar-2020	26-Jun-2020	30-Jun-2020
□ For Recharge (Cubic Meter(m3), Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	16.86	16.86	0.80
Date	16-Jan-2012	03-Mar-2020	26-Jun-2020	30-Jun-2020
□ For Recycling (Cubic Meter(m3), Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	0.06
Date	16-Jan-2012	03-Mar-2020	26-Jun-2020	30-Jun-2020
► Farmers reached with agricultural assets and services (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	167,362.00	167,362.00	110,000.00
Date	16-Jan-2012	03-Mar-2020	26-Jun-2020	30-Jun-2020

Markets and Value Chains

► Value addition and marketing system improved (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	15.00	15.00	8.00



Date	16-Jan-2012	03-Mar-2020	26-Jun-2020	30-Jun-2020
► Proportion of sold production to total production (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	78.40	78.40	50.00
Date	16-Jan-2012	03-Mar-2020	26-Jun-2020	30-Jun-2020

Farmers Organizations and Capacity Building				
► Producer Companies under in the RACP clusters generating net evenue (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	14.00	14.00	10.00
Date	16-Jan-2012	03-Mar-2020	26-Jun-2020	30-Jun-2020

Project Management and M&E				
► Satisfaction with the project interventions. (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	99.20	99.20	65.00
Date	16-Jan-2012	03-Mar-2020	26-Jun-2020	30-Jun-2020

Performance-Based Conditions

Data on Financial Performance

Disbursements (by loan)

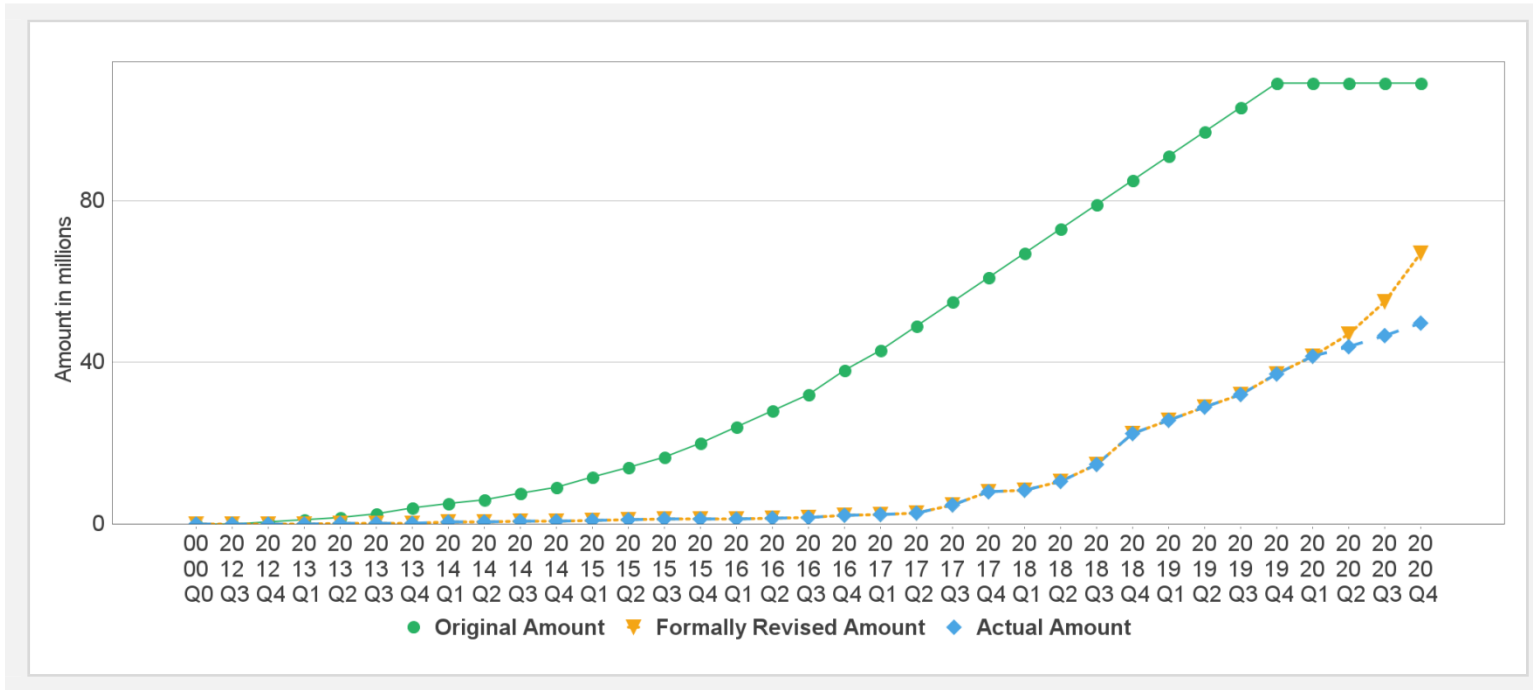
Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P124614	IDA-50850	Effective	USD	109.00	79.81	29.19	49.68	18.88	72%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P124614	IDA-50850	Effective	27-Mar-2012	13-Apr-2012	02-Jul-2012	30-Apr-2019	30-Jun-2020



Cumulative Disbursements



PBC Disbursement

PBC ID	PBC Type	Description	Coc	PBC Amount	Achievement Status	Disbursed amount in Coc	Disbursement % for PBC
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Restructuring History

Level 2 Approved on 29-Jun-2016 ,Level 2 Approved on 25-Jun-2018 ,Level 2 Approved on 13-Nov-2018 ,Level 2 Approved on 27-Mar-2019 ,Level 2 Approved on 26-Sep-2019

Related Project(s)

There are no related projects.