

From

The Director of Research,  
CCSHAU, Hisar.

To

The Director General Agriculture, Haryana  
Krishi Bhawan, Sector 21, Panchkula

Memo. No. DR/BI/2014/RDMIS/9288+E  
Dated, Hisar, the 25.06.2014

Subject: Release of 2<sup>nd</sup> installment by GOI Ministry of Agriculture  
(Department of Agriculture and Cooperation) under various  
schemes.

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Kindly refer to your office Memo No.1038-46/TA-II(RKVY) dated 16-6-  
2014 on the subject cited above.

As desired, the requisite information on the prescribed proforma  
relating to RDMIS in respect of the following RKVY projects implementing in  
CCSHAU, Hisar is enclosed herewith for your taking further necessary action:

Sr. No.	Name of the Project
<b>Committed Liability 2012-13</b>	
1	Strengthening of Farm Machinery Testing Centre
2	Establishment of Farm Machinery Testing Facility.
3	Empowerment of Rural Women through value addition and post harvest interventions.
4	Popularization of machinery identified for conservation of crop residue through frontline demonstrations to avoid burning and also to access adoption status among farmers.
5	Production and training on vermi-composting for sustainable development
6	Evaluation and screening of Bt Cotton hybrids recommended for Haryana State.
<b>Project sanctioned for 2013-14</b>	
1	Demonstration and adaptation of Dryland Technologies at farmer's fields.
2	Enhancing mustard productivity in <i>Orobanche</i> infested areas through technology dissemination using farmers' participatory approach
3	Strengthening of seed production programme at CCSHAU,RRS, Bawal
4	Promotion of zero tillage technology for wheat ( <i>Triticum aestivum</i> ) crop in Rewari Districts of South West Haryana.
5	Promotion of castor based cropping system for raising farm income in South West Haryana
6	Modern approaches in Dryland Agriculture-Better crops from every rain drop.
7	Strengthening of agrochemicals residues laboratory using state of the art analytical instruments.

Encl; As above.

ADDL. DIRECTOR OF RESEARCH

**RDMIS information in respect of the RKVY Projects implemented/being implemented in CCSHAU, Hisar during 2012-13 and 2013-14**

Sr. No.	Name of Department	Title of the Project
<b>Committed Liability of 2012-13</b>		
1.	FMPE	Strengthening of Farm Machinery Testing Centre
2.	FMPE	Establishment of Farm Machinery Testing Facility.
3.	HSEE	Empowerment of Rural Women through value addition and post harvest interventions.
4.	FMPE	Popularization of machinery identified for conservation of crop residue through frontline demonstrations to avoid burning and also to assess adoption status among farmers.
5.	Zoology	Production and training on vermi-composting for sustainable development
6.	Cotton	Evaluation and screening of Bt Cotton hybrids recommended for Haryana State.
<b>Project Sanctioned for 2013-14</b>		
1.	Dryland Agriculture	Demonstration and adaptation of Dryland Technologies at farmer's fields.
2.	Agronomy	Enhancing mustard productivity in <i>Orobanche</i> infested areas through technology dissemination using farmers' participatory approach
3.	RRS, Bawal	Strengthening of seed production programme at CCSHAU,RRS, Bawal
4.	RRS, Bawal	Promotion of zero tillage technology for wheat ( <i>Triticum aestivum</i> ) crop in Rewari Districts of South West Haryana.
5.	RRS, Bawal	Promotion of castor based cropping system for raising farm income in South West Haryana
6.	Dryland Agriculture	Modern approaches in Dryland Agriculture-Better crops from every rain drop.
7.	Agronomy	Strengthening of agrochemicals residues laboratory using state of the art analytical instruments.

## Committed Liability of 2012-13

Annexure-1

### Project No.1: Strengthening of farm machinery testing centre

#### Project Proposal Details

State Name : **Haryana**

Stream: **RKVY**

Is it a flag slip Project: **No**

Coverage

**(Entire State)**

Name of Project: (Max. 280 Char)	Strengthening of farm machinery testing centre	Implementing Dept. in State (Max. 250 Char)	Deptt. of Agriculture, Haryana Govt.
Sector of the Project:	Agriculture Mechanization Sub-sector: Agri. facilities	Implementing Agency: (Max. 250 Char)	CCS Haryana Agril. Univ., Hisar
Category of the Project:	Production and Testing Infrastructure of State Agriculture Universities (SAU) and other Research Infrastructure	Expected Physical Targets:	Infrastructure needed for the testing of farm machinery will be developed
Classified under existing scheme:		Physical unit of the Project:	No. of machine tested
Total Project Duration (in Years)	One year	Expected Output:	In this project, different farm machinery is being tested as per Bureau of Indian Standards and test reports are being issued. Based on this reports various state Govt. approve the manufacturers for granting subsidy. Thus, more no. of manufacturers will be available for a particular machine which help the farmers to choose the most suitable and cheap machine in different subsidy schemes.
Expected Total Project Cost (in crores) (Four Digit after Decimal)	1.0000	Expected Outcome:	
Commencement of Year	2012-13	Remarks	
Expected Completion (as dd/mm/yyyy):	31/03/2014	Expected Growth Impact:	
Expected Total No. of Beneficiaries:	NA	Project to be taken in SL SC Meeting No.	

**Annexure - II**

Project- Component Wise Cost Break Up (Year **2012-13**)

State Name : **Haryana**

(Amount in Rs.)

Project Name	Component name	Component Cost		
		Budget Allocated (Rs.)	Budget Utilized	Budget Balance
<b>Strengthening of farm machinery testing centre</b>	OC	2,00,000	1,97,571	2,429
	M&E	48,00,000	37,81,104	10,18,896
	<b>Total</b>	<b>50,00,000</b>	<b>39,78,675</b>	<b>10,21,325</b>

Project- Component Wise Cost Break Up (Year **2013-14**)

State Name : **Haryana**

(Amount in Rs.)

Project Name	Component name	Component Cost		
		Budget Allocated (Rs.)	Budget Utilized	Budget Balance
<b>Strengthening of farm machinery testing centre</b>	Works	50,00,000	60,08,556	14,769
	M&E	10,21,325		
	<b>Total</b>	<b>60,21,325</b>	<b>60,08,556</b>	<b>14,769</b>

**Annexure – III**

**Project Quarterly Progress**

State Name : Haryana

(Amount in Rs.)

Project Name:	Strengthening of farm machinery testing centre	Quarter No: 1/2/3/4	2
Financial Year:	2013-14	Physical achievement:	NA
Expenditure Incurred:	Rs. 6008556-	Actual Output:	Given below
Expenditure Committed	Rs. 6021325-	Actual Income:	
Project States: In progress Completed/ Abandoned/ Substantially Completed / Not yet implemented	Completed	Growth Impact:	
Actual No. of Beneficiaries:	NA	Remarks (Achievement: Output, Outcome Impact, Remarks of MAX 255 Chars)	

**Remarks (Achievement: Output, Outcome Impact, Remarks of MAX 255 Chars):**

In this project, different farm machinery is being tested as per Bureau of Indian Standards and test reports are being issued. Based on this reports various state Govt. approve the manufacturers for granting subsidy. Thus, more no. of manufacturers will be available for a particular machine which helps the farmers to choose the most suitable and cheap machine in different subsidy schemes.

## Project Completion Details

State Name : Haryana

Project Name:	<b>Strengthening of farm machinery testing centre</b>	Actual Output:	In this project, different farm machinery is being tested as per Bureau of Indian Standards and test reports are being issued. Based on this reports various state Govt. approve the manufacturers for granting subsidy. Thus, more no. of manufacturers will be available for a particular machine which helps the farmers to choose the most suitable and cheap machine in different subsidy schemes.
Financial Year:	2013-14	Actual Outcome:	
Assessment Report Submitted : Yes/No	yes	Actual Achievement:	
Case Study Done: Yes/No	---	Growth Impact: Output, Outcome, Achievement, Impact of MAX 255 Chars	
Utilization Certificate Submitted : Yes/No	No	Utilization Certificate Date:	

## Beneficiaries Details

Project name	Small	Marginal	SC	ST	Women	Other/SHG	Beneficiaries
	Not applicable						

**Annexure-V**

**District wise Target Achievement**

Project Name:	Strengthening of farm machinery testing centre	Project ID	
Financial year	2013-14	Project Cost	100 lacs

Sr. No.	District	Physical		Financial		
		Target	Achievements	Target	Achievements	
		NOT APPLICABLE				

**Annexure – VI**

**Project Annual Progress**

State Name : Haryana

(Amount in Rs.)

Project Name:	Strengthening of farm machinery testing centre	Project ID	
Financial Year:	2013-14	Physical achievement:	NA
Expenditure Incurred:	Rs. 6008556-	Actual Output:	Given below
Expenditure Committed	Rs. 6021325-	Actual Income:	
Project States: In progress Completed/ Abandoned/ Substantially Completed / Not yet implemented	Completed	Growth Impact:	
Actual No. of Beneficiaries:	NA	Remarks (Achievement: Output, Outcome Impact, Remarks of MAX 255 Chars)	

**Remarks (Achievement: Output, Outcome Impact, Remarks of MAX 255 Chars):**

In this project, different farm machinery is being tested as per Bureau of Indian Standards and test reports are being issued. Based on this reports various state Govt. approve the manufacturers for granting subsidy. Thus, more no. of manufacturers will be available for a particular machine which helps the farmers to choose the most suitable and cheap machine in different subsidy schemes.

**Project No.2: Establishment of farm machinery testing set-up at CCSHAU, Hisar**

**Annexure-1**

**Project Proposal Details**

State Name : **Haryana**

Stream:**RKVY**

Is it a flag slip Project: **No**

Coverage

**(Entire State)**

Name of Project: (Max. 280 Char)	Establishment of farm machinery testing set-up at CCSHAU, Hisar	Implementing Dept. in State (Max. 250 Char)	Deptt. of Agriculture, Haryana Govt.
Sector of the Project:	Agriculture Mechanization Sub-sector: Agri. facilities	Implementing Agency: (Max. 250 Char)	CCS Haryana Agril. Univ., Hisar
Category of the Project:	Production and Testing Infrastructure of State Agriculture Universities (SAU) and other Research Infrastructure	Expected Physical Targets:	150
Classified under existing scheme:		Physical unit of the Project:	No. of machine tested
Total Project Duration (in Years)	Two years	Expected Output:	In this project, different farm machinery is being tested as per Bureau of Indian Standards and test reports are being issued. Based on this reports various state Govt. approve the manufacturers for granting subsidy. Thus, more no. of manufacturers will be available for a particular machine which help the farmers to choose the most suitable and cheap machine in different subsidy schemes.
Expected Total Project Cost (in crores) (Four Digit after Decimal)	0.8352	Expected Outcome:	
Commencement of Year	2010-11	Remarks	
Expected Completion (as dd/mm/yy):	2013-14	Expected Growth Impact:	
Expected Total No. of Beneficiaries:	100	Project to be taken in SL SC Meeting No.	

**Annexure – II**Project- Component Wise Cost Break Up (Year **201-11**)State Name : **Haryana**

(Amount in Rs.)

Project Name	Component name	Component Cost		
		Budget Allocated (Rs.)	Budget Utilized	Budget Balance
Establishment of farm machinery testing set-up at CCSHAU, Hisar	M&E	3552000-	67948-	3484052-

Project- Component Wise Cost Break Up (Year **2011-12**)State Name : **Haryana**

(Amount in Rs.)

Project Name	Component name	Component Cost		
		Budget Allocated (Rs.)	Budget Utilized	Budget Balance
Establishment of farm machinery testing set-up at CCSHAU, Hisar	M&E	4800000-	6705965	1578087-
	Previous years unspent	3484052-		

Project- Component Wise Cost Break Up (Year **2012-13**)State Name : **Haryana**

(Amount in Rs.)

Project Name	Component name	Component Cost		
		Budget Allocated (Rs.)	Budget Utilized	Budget Balance
Establishment of farm machinery testing set-up at CCSHAU, Hisar	M&E	1578087-	1430225	147862

Project- Component Wise Cost Break Up (Year **2013-14**)State Name : **Haryana**

(Amount in Rs.)

Project Name	Component name	Component Cost		
		Budget Allocated (Rs.)	Budget Utilized	Budget Balance
Establishment of farm machinery testing set-up at CCSHAU, Hisar	M&E	147860-	145234	2620
	<b>Total</b>	147860-	145234	2620

**Annexure – III****Project Quarterly Progress**

State Name : Haryana

(Amount in Rs.)

Project Name:	Establishment of farm machinery testing set-up at CCSHAU, Hisar	Quarter No: 1/2/3/4	2
Financial Year:	2013-14	Physical achievement:	25
Expenditure Incurred:	Rs. 0	Actual Output:	Given below
Expenditure Committed	Rs.1,47,860	Actual Income:	
Project States: In progress Completed/Abandoned/ Substantially Completed / Not yet implemented	Substantially Completed	Growth Impact:	
Actual No. of Beneficiaries:	25	Remarks (Achievement: Output, Outcome Impact, Remarks of MAX 255 Chars)	

**Remarks (Achievement: Output, Outcome Impact, Remarks of MAX 255 Chars):**

In this project, different farm machinery is being tested as per Bureau of Indian Standards and test reports are being issued. Based on this reports various state Govt. approve the manufacturers for granting subsidy. Thus, more no. of manufacturers will be available for a particular machine which helps the farmers to choose the most suitable and cheap machine in different subsidy schemes.

## Project Completion Details

State Name : Haryana

Project Name:	<b>Establishment of farm machinery testing set-up at CCSHAU, Hisar</b>	Actual Output:	In this project, different farm machinery is being tested as per Bureau of Indian Standards and test reports are being issued. Based on this reports various state Govt. approve the manufacturers for granting subsidy. Thus, more no. of manufacturers will be available for a particular machine which helps the farmers to choose the most suitable and cheap machine in different subsidy schemes.
Financial Year:	2013-14	Actual Outcome:	
Assessment Report Submitted : Yes/No	yes	Actual Achievement:	
Case Study Done: Yes/No	---	Growth Impact: Output, Outcome, Achievement, Impact of MAX 255 Chars	
Utilization Certificate Submitted : Yes/No	Yes	Utilization Certificate Date:	

## Beneficiaries Details

Project name	Small	Marginal	SC	ST	Women	Other/SHG	Beneficiaries
	Not applicable						

**Annexure-V**

**District wise Target Achievement**

Project Name:	Strengthening of farm machinery testing centre	Project ID	
Financial year	2013-14	Project Cost	83.52 lacs

Sr. No.	District	Physical		Financial		
		Target	Achievements	Target	Achievements	
		NOT APPLICABLE				

**Annexure – VI**

**Project Annual Progress**

State Name : Haryana

(Amount in Rs.)

Project Name:	Strengthening of farm machinery testing centre	Project ID	
Financial Year:	2013-14	Physical achievement:	100
Expenditure Incurred:	Rs. 145234-	Actual Output:	Given below
Expenditure Committed	Rs. 147860-	Actual Income:	
Project States: In progress Completed/ Abandoned/ Substantially Completed / Not yet implemented	Completed	Growth Impact:	
Actual No. of Beneficiaries:	100	Remarks (Achievement: Output, Outcome Impact, Remarks of MAX 255 Chars)	

**Remarks (Achievement: Output, Outcome Impact, Remarks of MAX 255 Chars):**

In this project, different farm machinery is being tested as per Bureau of Indian Standards and test reports are being issued. Based on this reports various state Govt. approve the manufacturers for granting subsidy. Thus, more no. of manufacturers will be available for a particular machine which helps the farmers to choose the most suitable and cheap machine in different subsidy schemes.

**Project No.3 : Empowerment of Rural Women through value addition and post harvest interventions.**

**Project Proposal Details**

Annexure-I

State Name: Haryana  
project: **Yes** / No

Stream : **Extension Education and Communication Management**

Is it a flag ship  
Coverage (Entire State,

Name of Project : <b>Empowerment of Rural Women through value addition and post harvest interventions</b>	<b>Department of Extension Education and Communication Management , College of Home Science, CCS HAU, Hisar</b>
Sector of the project : <b>Agricultural Research &amp; Education</b>	<b>Directorate of Research, CCS HAU, Hisar – 125 004</b>
Category of the project : <b>Q &amp; O</b>	Expected Physical Targets : <ul style="list-style-type: none"> <li>• Feasibility assessment of existing &amp; recommend practices.</li> <li>• Skill based training for empowerment of women.</li> <li>• Minimizing post-harvest losses.</li> </ul>
Classified under existing scheme :	Physical unit of the project : 10 Villages and 500 beneficiaries
Total project duration (in years) : <b>2 years</b>	Expected output : <ul style="list-style-type: none"> <li>• Assessment of existing post-harvest &amp; value added technologies in rural Haryana.</li> <li>• Designing and induction of post-harvest interventions for food security.</li> <li>• Enhancing nutritional security through value added techniques.</li> </ul>
Expected total project cost (in crores) (Four digit after decimal) : <b>Rs.14.75,000</b>	<ul style="list-style-type: none"> <li>• Expected outcome: Enhancing nutritional security through value added techniques.</li> <li>• Minimizing post-harvest losses.</li> </ul>
Commencement of Year: <b>2012-13</b>	Remarks --
Expected completion (as dd/mm/yy): <b>31.3.2014</b>	Expected growth impact: <ul style="list-style-type: none"> <li>• Minimizing post-harvest losses.</li> <li>• Enhance contribution of value additional and post harvest techniques through women – the main contributors in the area.</li> <li>• Ensuring nutrition security through value added techniques.</li> <li>• Skill development in post harvest technologies.</li> <li>• Leadership development among rural women.</li> </ul>
Expected Total No. of Beneficiaries : 500	

Regional, Some districts) :

## Project – Component wise cost break up (Year 2013-14)

**Annexure-II**

State Name: Haryana

Name of Project	Component name	Component cost	Unit
Empowerment of Rural Women through value addition and post harvest interventions	O.C.	14,75,000	
	Total :	14,75,000	Utilized the entire budget.

**Annexure-III**

Total budget Rs. 14, 75,000 received on 24.9.2013

<b>Project Name:</b> Empowerment of Rural Women through value addition and post harvest interventions	<b>Quarter No.1</b>
<b>Financial Year : 2013-14</b>	<b>Physical Achievement:</b> Developed training programmes , lecture schedules and tools for data collection, selected crops with the help of experts, selected villages for organizing trainings, Purchased incentives for distribution among participants and collected resource material for developing training modules.
<b>Expenditure incurred= Rs.11,93,767</b>	<b>Actual output:</b> Total 240 beneficiaries (8 groups of 30 women each) were selected from six villages of Hisar and Fatehabad districts to organize trainings on value additions and post harvest intervention of wheat, pulses, fruits and vegetables. Established rapport with the selected rural women. Developed four training modules one each on selected crops. Accessed existing knowledge of the beneficiaries on value addition and post harvest management of fruits, vegetables, pulses and wheat.

<p><b>Expenditure committed = Rs.11,93,767</b></p>	<p><b>Actual outcome:</b> Organized eight trainings of three days each on value addition and post harvest management of fruits, vegetables, pulses and wheat for 240 beneficiaries ( 30 /training) in six villages i.e. Gillakhera, Shirdhan , Dehman, Kumharia (Fatehabad district) Gawarh and Gorchi ( Hisar district). To enhance value addition and post harvest management skill and to minimize post harvest losses, the beneficiaries were detailed about the importance of value addition and post harvest interventions and demonstrations were organized on various value added products of wheat pulses fruits and vegetables with the help of concerned technical departments. Incentives comprising of <i>Pressure cooker, mixture grinder</i> were also distributed to all the 240 participants for their capacity building.</p>
<p><b>Project status :</b> In progress</p>	<p><b>Growth impact:</b> Based on the existing knowledge of beneficiaries need based trainings conducted which resulted in change in knowledge skill, attitude and better post harvest management of selected crops to ensure food and nutrition security and minimized post harvest losses.</p>
<p><b>Actual No. of Beneficiaries : 240</b></p>	<p><b>Remarks</b> (Achievement, output, outcome, impact, remarks of MAX 255 chars)</p>

Department of Extension Education and Communication Management  
COHS, CCS HAU, Hisar

**Project Quarterly progress (1.1.2014 to 31.3.2014)**

**Annexure-III**

<b>Project Name:</b> Empowerment of Rural Women through value addition and post harvest interventions	<b>Quarter No. 2</b>
<b>Financial Year : 2013-14</b>	<b>Physical Achievement:</b> <ul style="list-style-type: none"> <li>• Developed training and campaign programs and lecture schedules, selected villages for organizing training and campaigns, Purchased incentives for distribution among participants and collected resource material for developing training modules.</li> </ul>
<b>Expenditure incurred= Rs.2,81,231</b>	<b>Actual output :</b> <ul style="list-style-type: none"> <li>• Total 295 beneficiaries (35 for training &amp; 260 for campaigns ) were selected from five villages i.e M.P.Rohi, Kirdan, (Fatehabad district) Dubeta, Dhaya and Bhandaheri village (Hisar district) to organize training on value additions and post harvest management of fruits and vegetables and four campaigns one each on above selected crops</li> <li>• Established rapport with the selected rural women.</li> <li>• Accessed existing knowledge and skill of the beneficiaries on selected crops.</li> </ul>
<b>Expenditure committed = Rs.2,81,233</b>	<b>Actual outcome:</b> <ul style="list-style-type: none"> <li>• Technical input in areas of fruit and vegetable preservation, pulses and wheat was given through training and campaigns in collaboration with concerned technical departments to enhance value addition and post harvest intervention skills and to empower rural women.</li> <li>• Incentive comprised of <i>Mixture-cum-Grinder and Pressure Cooker</i> were distributed to all the participants of training where as <i>Chop-n-churn</i> to all the participants of campaigns. Relevant literature was also distributed to all the trainees.</li> </ul>
<b>Project status :</b> Completed	<b>Growth impact:</b> Based on the existing knowledge of beneficiaries need based skilled training and campaigns were organized on value addition and post harvest interventions on Fruit & Vegetable preservation, which resulted in change in knowledge, skill, attitude and better post harvest management of selected crops to ensure food and nutrition security and minimized post harvest losses.
<b>Actual No. of Beneficiaries : 295</b>	<b>Remarks</b> (Achievement, output, outcome, impact, remarks of MAX 255 chars) --

Project Complete Details

Annexure-IV

State Name: Haryana

Name of Project : <b>Empowerment of Rural Women through value addition and post harvest interventions</b>	Actual Output : given in Annexure III
Financial year : 2013-14	Actual outcome: given in Annexure III
Assessment report submitted : <b>Yes</b>	Actual achievement : given in Annexure III
Case study done : <b>No</b>	Growth Impact : Output, outcome, achievement
Utilization Certificate submitted: <b>Yes</b>	Utilization Certificate date 26/3/2014

**Beneficiaries' details**

<b>Project name</b>	<b>Small</b>	<b>Marginal</b>	<b>SC</b>	<b>BC</b>	<b>Women</b>	<b>Other/SHG</b>	<b>Total Beneficiaries</b>
Empowerment of Rural Women through value addition and post harvest interventions	-	-	166	68	all were women	301	535

## Annexure-V

## District wise target achievements

Project ID : \_\_\_\_\_

Financial Year :2013-14

Project Name :\_ Empowerment of Rural Women through value addition and post harvest interventions

Project cost:\_\_\_14,75,000

(Amount in crores)

Sr. No.	District	Physical		Financial	
		Target	Achievement	Target	Achievement
1	Hisar	<b>Organization of</b> <ul style="list-style-type: none"> <li><b>Trainings: five</b> ( two each on value addition and post harvest management of fruits and vegetables)</li> <li><b>Campaigns: Two</b> ( one each on value addition and post harvest management of fruits and vegetables)</li> </ul>	Organized as planned	To Spend Rs 8,15,039/- in organizing five trainings & two campaigns	Spent all the amount
2	Fatehabad	<b>Organization of</b> <ul style="list-style-type: none"> <li><b>Trainings: four</b> ( two each on value addition and post harvest management of fruits and vegetables)</li> <li><b>Campaigns: Two</b> ( one each on value addition and post harvest management of fruits and vegetables)</li> </ul>	Organized as planned	To Spend Rs 6,59,961/- in organizing four training & two campaigns	Spent all the amount

## Annexure-VI

## Project Annual progress

State Name: Haryana

(Amount in crores)  
(Four digit after decimal)

<b>Project Name:</b> Empowerment of Rural Women through value addition and post harvest interventions.	<b>Project ID</b>
<b>Financial Year :</b> 2013-14	<b>Physical Achievement:</b> Detail is given in Annexure in III
<b>Expenditure incurred:</b> Rs 14.75.000	<b>Actual output :</b> Detail is given in Annexure in III
<b>Expenditure committed :</b> Rs 14.75.000	<b>Actual outcome:</b> Detail is given in Annexure in III
<b>Project status :</b> completed	<b>Growth impact:</b> Detail is given in Annexure in III
<b>Actual No. of Beneficiaries :</b> 535	<b>Remarks</b> (Achievement, output, outcome, impact, remarks of MAX 255 chars)

**Project No.4:** Popularization of machinery identified for conservation of crop residue through frontline demonstrations to avoid burning and also to access adoption status among farmers.

**Annexure-I**

**State Name:** Haryana  
**Coverage** (Haryana state)

**Project Proposal details**  
**Stream:** **Is it a flagship project:**

<b>Name of Project:</b> Popularization of machinery identified for conservation of crop residue through FLD to avoid burning and also to access the adoption status among farmers..	<b>Implementing Deptt. in State:</b> Department of Agriculture and Cooperation
<b>Sector of the Project:</b> Agriculture	<b>Implementing Agency:</b> CCS HAU, Hisar
<b>Category of the Project:</b>	<b>Expected physical targets:</b> <ul style="list-style-type: none"> <li>• Performance evaluation and economic feasibility of new generation resource conserving technologies for promising cropping systems.</li> <li>• Establishing the energy budgeting of conservation agriculture technologies for predominant cropping systems</li> <li>• Socio economic feasibility and adoption of conservation technologies.</li> </ul>
<b>Classified under existing scheme:</b>	<b>Physical unit of the Project:</b> Rice-wheat growing districts of Haryana state.
<b>Total Project duration (in years):</b> 2 years	<b>Expected Output:</b> Adoption of crop residue conservation technologies in rice-wheat system at farmer's level results in saving of natural resources, Improvement of soil health, clean environment with increase in production and productivity of crops.
<b>Expected Total Project cost (in crores):</b> 0.36	<b>Expected Outcome:</b> Adoption of crop residue conservation technologies in rice-wheat system at farmer's level results in saving of natural resources, Improvement of soil health, clean environment with increase in production and productivity of crops.
<b>Commencement of Year:</b> 2012-13	<b>Remarks:</b>
<b>Expected Completion (as dd/mm/yyyy):</b> 31.03.2014	<b>Expected Growth Impact:</b> Not yet assessed
<b>Expected Total Number of Beneficiaries:</b> Farmers of districts following rice-wheat system	<b>Project to be taken in SLSC Meeting No.:</b>

## Annexure II

## Project-Component Wise Cost Break Up (Year: 13-14)

State Name: Haryana

Amount in Crores 0.18

Project Name	Component	Component Cost (Rs)	Unit
Popularization of machinery identified for conservation of crop residue through FLD to avoid burning and also to access the adoption status among farmers..	Works	1800000	Department of Farm Machinery and Power Engineering, CCS HAU, Hisar
	<b>Total</b>	<b>1800000</b>	

## Annexure III

## Project quarterly progress

State Name: Haryana

(Amount in Crores) 0.18

<b>Project Name:</b> Popularization of machinery identified for conservation of crop residue through FLD to avoid burning and also to access the adoption status among farmers.	<b>Quarter1</b> : April - June 2013 <b>Quarter2</b> : July - September 2013 <b>Quarter3</b> : October - December 2013 <b>Quarter4</b> : January - March 2014
<b>Financial Year:</b> 2013-14	<b>Physical Achievement:</b> Front line demonstrations were conducted on paddy transplanter, Direct Seeded Rice, straw chopper, hay rake, straw baler, happy seeder and paddy combine at farmer's field
<b>Expenditure Incurred:</b> Rs 18 lakh	<b>Actual Output:</b> The machines Hay Rake, Chopper, Zero Till Drill, Happy Seeder, Straw Bailer and Rice Transplanter had been purchased during last financial year.
<b>Expenditure Committed:</b> Rs 18 lakh	<b>Actual Outcome:</b> FLD was conducted on different straw management technologies and paddy sowing techniques at farmers field and the results are encouraging.
<b>Project Status:</b> Completed	<b>Growth Impact:</b> Yet to be ascertained
<b>Actual no. of Beneficiaries:</b> Yet to be ascertained	<b>Remarks:</b> Adoption of crop residue conservation technologies in rice-wheat system at farmer's level results in saving of natural resources, Improvement of soil health, clean environment with increase in production and productivity of crops.

## Annexure IV

### Project completion details

The project has been sanctioned for duration of two years starting from financial year 2012-13 to 2013-14. So the project is yet to be completed.

**State Name:** Haryana

<b>Project Name:</b> Popularization of machinery identified for conservation of crop residue through FLD to avoid burning and also to access the adoption status among farmers.	<b>Actual Output:</b> NA
<b>Financial Year:</b> 2013-14	<b>Actual Outcome:</b> Adoption of crop residue conservation technologies in rice-wheat system at farmer's level results in saving of natural resources, Improvement of soil health, clean environment with increase in production and productivity of crops.
<b>Assessment Report Submitted:</b> Yes	<b>Actual Achievement:</b> The machines Hay Rake, Chopper, Zero Till Drill, Happy Seeder, Straw Bailer and Rice Transplanter had been purchased during last financial year. FLD was conducted on different straw management technologies and paddy sowing techniques at farmers field and the results are encouraging.
<b>Case Study Done:</b> No	<b>Growth Impact:</b> Yet to be ascertained
<b>Utilization certificate Submitted:</b> No	<b>Utilization certificate date:</b> 31.03.2014

### Beneficiaries details:

Project name	Small	Marginal	SC	ST	Women	Other/SHG	Beneficiaries
Popularization of machinery identified for conservation of crop residue through FLD to avoid burning and also to access the adoption status among farmers	NA	NA	NA	NA	NA	NA	NA

## Annexure-V

### District wise target achievements

**Name of Project-** Popularization of machinery identified for conservation of crop residue through FLD to avoid burning and also to access the adoption status among farmers.

**State name:** Haryana

Project cost: 0.18 crores

Financial year:

2013-14

S. No.	District	Physical		Financial	
		Male	Female	Small	Marginal
-	NA	NA	NA	NA	NA

**Project No. 5 : Production and integrated approach through vermicomposting for sustainable development**

**Project Proposal Details**

State Name: Haryana

Stream: I

Is it a flag ship project: Yes

<b>Name of Project:</b> Production and integrated approach through vermicomposting for sustainable development	<b>Implementing Dept in State:</b> Department of Zoology, COBS &H, CCS HAU, Hisar
<b>Sector of the Project:</b> Agriculture Research & Education	<b>Implementing Agency:</b> Department of Zoology
<b>Category of the Project:</b> Organic & Biofertilizer (STREAM I)	<b>Expected physical targets:</b> <ul style="list-style-type: none"> <li>• Production of vermicompost from different organic waste</li> <li>• Qualitative testing of vermicompost</li> <li>• Training and demonstration to the farmers.</li> </ul>
<b>Classified under existing scheme:</b> 3493-c(g) Zool-22-OA (RKVY)	<b>Physical unit of the project:</b> Demonstration units were established at Village Umra in Hisar District and Mandi Adampur in Hisar District.
<b>Total project Duration (in years):</b> 2 years	<b>Expected output:</b> <ul style="list-style-type: none"> <li>• Increased availability of the vermicompost</li> <li>• Improvement in the soil health</li> <li>• Saving of chemical fertilizers</li> <li>• Sustainability of agriculture</li> <li>• Increase in crop yields.</li> <li>• Extra income from vermicomposting</li> <li>• Reduced pollution and easy disposal of garbage.</li> </ul>
<b>Expected total project cost (in crores):</b> .3040	<b>Expected outcome:</b> 1. Improvement in soil health, 2. Saving of chemical fertilizer, 3. Sustainability of agriculture, 4. Increase in crop yield 5. Extra income from vermicomposting 6.Reduced pollution and easy disposal of garbage.
<b>Commencement of Year:</b> Sept 2012	<b>Remarks:</b> Project is viable and in the interest of farmers.
<b>Expected completion:</b> 31/03/2014	<b>Expected growth Impact:</b> It will strengthen the quality of vermicompost and improve the soil health. This will also aware farmers for the use of vermicompost in their fields. Moreover, it will reduce the pollution as worms use garbage and various agriculture wastes for the production of vermicompost.
<b>Expected Total No. of Beneficiaries:</b> 400 farmers	<b>Project to be taken in SLSC Meeting No.:</b>

## Annexure-II

### Project- Component Wise Cost Break Up (Year 2013-14) State name: Haryana

(Amount in Lacs)

Project Name	Component name	Component Cost (in lacs)	Unit
Production and integrated approach through vermicomposting for sustainable development			
Funds Reallocated for 2013-14		7.70000/-	
Balance carry forward from last year		0.23870/-	
Consumables	(chemicals, plasticware, glasswares etc)	1.50520/-	
	M&E	3.31720/-	
	OC	3.11630/-	
Unspent balance		0.00154/-	

## Annexure-III

### Project Quarterly Progress

State Name: Haryana

(Amount in lacs)

<b>Project Name:</b> Production and integrated approach through vermicomposting for sustainable development	<b>Quarter No.:</b> 1/2/3/4
<b>Financial Year:</b> 2013-14	<b>Physical Achievement:</b> 1. Demonstration units were established at Village Umra in Hisar district. 2. Demonstration units were established at Mandi adampur in Hisar district. 3. Training on vermicomposting was held from Dec. 11-13, 2013 for the target group of 20 farmers (each training) at Umra and from March 4-6, 2014 at Mandi Adampur in Hisar district.
<b>Expenditure Incurred:</b> 793716/-	<b>Actual Output:</b> Farmers are benefitted by training and demonstrations on the use of vermicomposting. There is increase in the income of farmers as there is saving of chemical fertilizer by the use of vermicompost.
<b>Expenditure Committed:</b> 793870/-	<b>Actual Outcome:</b> Soil health is improved by the use of vermicompost. There is increase in the yield of crops and there is saving of chemical fertilizers resulting in environmental protection and garbage disposal.
<b>Project Status:</b> In-progress	<b>Growth Impact:</b> There is improvement in the quality of vermicompost and strengthening of facilities in terms of instruments and infrastructure.
<b>Actual No. of Beneficiaries:</b> 40 farmers	<b>Remarks (Achievement, Output, Outcome, Impact, Remarks of MAX255 Chars):</b> Project is very useful as it is in the interest of farmers. Farmers are benefitted in terms of income from the agricultural produce and improvement in the soil health of their agricultural land by the use of vermicompost.

## Annexure-IV

## Project Completion Details- not yet completed

State Name: Haryana

Project Name: <b>Production and integrated approach through vermicomposting for sustainable development</b>	Actual Output: NA
Financial Year: 2013-14	Actual Outcome: NA
Assessment Report submitted: Yes	Actual Achievement: NA
Case Study Done: No	Growth Impact: NA
Utilization Certificate Submitted: NA	Utilization Certificate Date: -

## Beneficiaries Details

Project Name	Small	Marginal	SC	ST	Women	Other/SHG	Beneficiaries
Production and integrated approach through vermicomposting for sustainable development	32	-	-	-	8	-	40

## Annexure-VI

## Project Quarterly Progress

State Name: Haryana

(Amount in lacs)

<b>Project Name:</b> Production and integrated approach through vermicomposting for sustainable development	<b>Quarter No.:</b> Annual
<b>Financial Year:</b> 2013-14	<b>Physical Achievement:</b> 1. Demonstration units were established at Village Umra in Hisar district. 2. Demonstration units were established at Mandi adampur in Hisar district. Training on vermicomposting was held from Dec. 11-13 , 2013 for the target group of 20 farmers (each training) at Umra and From March 4-6, 2014 at Mandi Adampur in Hisar district.
<b>Expenditure Incurred:</b> 793716/-	<b>Actual Output:</b> Farmers are benefitted by training and demonstrations on the use of vermicomposting. There is increase in the income of farmers as there is saving of chemical fertilizer by the use of vermicompost.
<b>Expenditure Committed:</b> 793870/-	<b>Actual Outcome:</b> Soil health is improved by the use of vermicompost. There is increase in the yield of crops and there is saving of chemical fertilizers resulting in environmental protection and garbage disposal.
<b>Project Status:</b> In-progress	<b>Growth Impact:</b> There is improvement in the quality of vermicompost and strengthening of facilities in terms of instruments and infrastructure.
<b>Actual No. of Beneficiaries:</b> 40 farmers	<b>Remarks (Achievement, Output, Outcome, Impact, Remarks of MAX255 Chars):</b> Project is very useful as it is in the interest of farmers. Farmers are benefitted in terms of income from the agricultural produce and improvement in the soil health of their agricultural land by the use of vermicompost.

**Project No.6: Evaluation and Screening of Bt. Cotton hybrids recommended for Haryana state.**

**Annexure-1**

**Project Proposal Details**

**State Name: Haryana**

**Stream:**

**Is it a Flag ship project: Yes**

**No**

**Coverage (Cotton Growing districts of Haryana):**

Name of Project:	Evaluation and Screening of Bt. Cotton hybrids recommended for Haryana state.	Implementing Dept. in State:	Directorate of Agriculture
Sector of the Project:	Agriculture	Implementing Agency:	CCS Haryana Agricultural University Hisar
Category of the Project:		Expected Physical Targets:	The promising Bt hybrids out of the recommended Bt. hybrids
Classified under existing scheme:		Physical unit of the Project:	
Total Project Duration (in years):	3 years	Expected Output:	The identify promising hybrids out of the recommended thereby benefiting the farmers for selecting the high yielding Bt. cotton hybrid with better fiber quality and resistant to biotic stresses
Expected Total Project Cost (in crores): (Four digit after decimal)	0.0467	Expected Outcome:	The cultivation of recommended suitable Bt cotton hybrids for
Commencement of Year; 2013		Remarks:	
Expected Completion (as dd/mm/yyyy):	31.03.2014	Expected growth impact:	A list of 10-12 promising Bt cotton hybrids will be made available to the Deptt. of Agri. and farmers by Jan., 2014
Expected Total No of Beneficiaries: farmers	The cotton growing	Project to be taken in SLSC Meeting No.:	

## Annexure-II

## Project-Component Wise Cost Break Up (Year 2012-13)

State Name: Haryana

(Amount in crores) 0.0467  
(Four Digit after Decimal)

Project Name	Component Name	Component Cost	Unit
Evaluation and Screening of Bt. Cotton hybrids recommended for Haryana state.	Bt Cotton	0.0467	One

## Annexure-III

## Project Quarterly Progress

State Name: Haryana

(Amount in crores) 0.0467  
(Four Digit after Decimal)

Project Name: <b>Evaluation and Screening of Bt. Cotton hybrids recommended for Haryana state.</b>	Quarter No: 1/2/3/4	<b>2013-14</b>
Financial Year: <b>2013-14</b>	Physical Achievement: <b>The trial has been sown on 20.5.2013 and data compilation is going on.</b>	
Expenditure Incurred: <b>0.0467</b>	Actual Output: <b>The data compilation is in progress. First picking is completed</b>	
Expenditure Committed:	Actual Outcome:	<b>Same as above</b>
Project Status: <b>In progress</b>	Growth Impact:	
Actual No. of Beneficiaries: <b>The farmers of Cotton Growing districts of Haryana</b>	Remarks:	



## **Project Sanctioned for 2013-14**

	Project Sanctioned for 2013-14	
1.	Dryland Agriculture	Demonstration and adaptation of Dryland Technologies at farmer's fields.
2.	Agronomy	Enhancing mustard productivity in <i>Orobanche</i> infested areas through technology dissemination using farmers' participatory approach
3.	RRS, Bawal	Strengthening of seed production programme at CCSHAU,RRS, Bawal
4.	RRS, Bawal	Promotion of zero tillage technology for wheat ( <i>Triticum aestivum</i> ) crop in Rewari Districts of South West Haryana.
5.	RRS, Bawal	Promotion of castor based cropping system for raising farm income in South West Haryana
6.	Dryland Agriculture	Modern approaches in Dryland Agriculture-Better crops from every rain drop.
7.	Agronomy	Strengthening of agrochemicals residues laboratory using state of the art analytical instruments.

**Project No.1: Demonstration and adaptation of Dryland Technologies at farmer's fields.**

**Project Proposal Details**

**Annexure-I**

**State Name:** Haryana

**Stream:** I

**Is it a flag ship project:**

**Coverage:** Entire state

<b>Name of project:</b> Demonstration and adaptation of Dryland Technologies at farmer's fields.	<b>Implementing department in State:</b> Department of Agriculture, Haryana
<b>Sector of the project:</b> Sector- I	<b>Implementing agency:</b> Department of Dryland Agriculture, CCS Haryana Agricultural University, Hisar, Haryana
<b>Category of the project:</b> Crop Development	<b>Expected physical target:</b> Three dryland villages of Haryana has been targeted for technological interventions. Technological demonstrations at farmers; fields to enhance the productivity in dryland areas of the Haryana State. Around 30-35 such demos shall be laid out in each season in each village adopted for this purpose.
<b>Classified under existing stream:</b> NA	<b>Physical unit of the project:</b> 90 demonstrations
<b>Total project duration (in years):</b> three	<b>Expected output:</b> Higher farm yields.
<b>Expected total project cost (in crores):</b> 0.1625	<b>Expected outcome:</b> Higher farm yields.
<b>Commencement of year:</b> 2013-14	<b>Remarks:</b> Farmers will see and adopt our generated technologies.
<b>Expected completion:</b> 30.11.2016	<b>Expected growth impact:</b> Will add to the income of the farmers.
<b>Expected total no. of beneficiaries:</b> 200 around.	<b>Project to be taken in SLSC meeting No.:</b> Meeting held on 17/06/2013.

**Annexure-II**

**Project- Component wise costs break up (Year 2013-14)**

**State Name:** Haryana

(Amount in lacs)

<b>Project Name</b>	<b>Component Name</b>	<b>Component Cost (in Lacs)</b>	<b>Unit</b>
Demonstration and adaptation of Dryland Technologies at farmer's fields.	NRC	15.0	-
	RC	1.25	-

## Annexure-III

## Project Quarterly Progress

State Name: Haryana

<b>Name of project:</b> Demonstration and adaptation of Dryland Technologies at farmer's fields.	<b>Quarter No.:</b> 4
<b>Financial Year:</b> 2013-14	<b>Physical Achievements:</b> Demonstration of improved technologies at 90 sites in each season in three villages
<b>Expenditure Incurred :</b> 4,69,972	Actual output: 32+22 demonstrations laid out.
<b>Expenditure Committed:</b> Rs.16,25 lacs	<b>Expected Outcome:</b> Transfer of Technology
<b>Project Status:</b> In progress	<b>Growth Impact:</b> This will increase production.
<b>Actual no. of Beneficiaries:</b> 90 in each year	<b>Remarks:</b> (Achievements, output, outcome, impact, remarks of MAX 255 Chars) : May enhance the farm output and income of farmers.

## Annexure-IV

## Project Completion Details

State Name: Haryana

<b>Name of project:</b> Demonstration and adaptation of Dryland Technologies at farmer's fields.	<b>Actual Output:</b> 32+22 demonstrations laid out
<b>Financial Year:</b> 2013-14	<b>Actual Outcome:</b> Transfer of Technology
<b>Assessment Report Submitted:</b> NA	<b>Actual Achievement:</b> High yields in improved
<b>Case study done:</b> NA	<b>Growth Impact :</b> Output, outcome, achievements, impact of MAX 255 chars. This will increase production.
<b>Utilization certificate submitted:</b> Yes	<b>Utilization certificate date:</b> 28.4.2014

## Beneficiaries' details:

Project Name	Small	Marginal	SC	ST	Women	Other/SHG	Beneficiaries
Demonstration and adaptation of Dryland Technologies at farmer's fields.	31	23	02	01	-	-	54

## Annexure-V

## District wise Target Achievement

<b>Project Name:</b>	<b>Demonstration and adaptation of Dryland Technologies at farmer's fields</b>	<b>Project ID</b>	
Financial year	2013-14	Project Cost	1.00 lacs

Sr. No.	District	Physical		Financial		
		Target	Achievements	Target	Achievements	
		NOT APPLICABLE				

## Annexure – VI

## Project Annual Progress

State Name : Haryana

(Amount in Rs.)

Project Name:	Demonstration and adaptation of Dryland Technologies at farmer's fields.	Project ID	
Financial Year:	2013-14	Physical achievement:	In Progress
Expenditure Incurred:	Rs. 4,69,972-	Actual Output:	32+22 demonstrations
Expenditure Committed	Rs. 16.25 lacs	Actual Income:	Nil
Project States: In progress Completed/ Abandoned/ Substantially Completed / Not yet implemented	In Progress	Growth Impact:	This will increase production
Actual No. of Beneficiaries:	54	Remarks (Achievement: Output, Outcome Impact, Remarks of MAX 255 Chars)	May enhance the farm output and income of farmers.

**Project No.2:** Enhancing mustard productivity in *Orobanche* infested areas through technology dissemination using farmers' participatory approach.

### Project Proposal Details

Annexure-I

**State Name:** Haryana

**Stream:** I

**Is it a flag ship project:**

**Coverage:** Entire state

<b>Name of project:</b> Enhancing mustard productivity in <i>Orobanche</i> infested areas through technology dissemination using farmers' participatory approach	<b>Implementing department in State:</b> Department of Agriculture, Haryana
<b>Sector of the project:</b> Sector- I	<b>Implementing agency:</b> CCS Haryana Agricultural University, Hisar, Haryana
<b>Category of the project:</b> Crop Development	<b>Expected physical target:</b> Enhancing mustard productivity in <i>Orobanche</i> infested areas through technology dissemination by using glyphosate herbicide
<b>Classified under existing stream:</b> NA	<b>Physical unit of the project:</b> 1. No any
<b>Total project duration (in years):</b> One	<b>Expected output:</b> <ul style="list-style-type: none"> <li>• Performance evaluation and economic feasibility of new technology <i>vis-a-vis</i> farmers' practice for <i>Orobanche</i> management in mustard.</li> <li>• Farmers' participatory impact analysis (pre and post assessment) of the new technology through bench mark survey using structured questionnaire.</li> <li>• Digitized map representing level of <i>Orobanche</i> infestation in mustard growing areas of the Haryana State using Grid based stratified sampling.</li> </ul>
<b>Expected total project cost (in crores):</b> 0.2	<ul style="list-style-type: none"> <li>• Gradual reduction in weed seed bank of <i>Orobanche</i> infested mustard growing areas of Haryana State.</li> <li>• Improvement in overall productivity of mustard crop particularly in <i>Orobanche</i> infested areas.</li> </ul>
<b>Commencement of year:</b> 2013-14	<b>Remarks:</b> Occurrence of root parasitic weed namely <i>Orobanche</i> (broomrape), is posing a serious problem to the mustard cultivation particularly in southern-western Haryana. The research work on <i>Orobanche</i> management in mustard for managing broomrapes including hand weeding, deep ploughing, crop rotation, alteration in seeding windows and fertilizer N scheduling, application of organic manures and biofertilizers, chemical seed treatment, and kerosene/soybean oil droplets spray were tested, but mostly were found to be inconsistent with limited effectiveness. The research scientists from CCS HAU, Hisar carried forward the

	same and found that herbicide based weed management through application of glyphosate (if used at desired concentrations) has the potential in reducing the parasitic weed infestation while affording tolerance to the mustard crop. The research results have shown that if foliar spray of glyphosate twice; 25 g/ha at 30 DAS followed by 50 g/ha at 55 DAS is quite helpful in reducing the <i>Orobanche</i> infestation by checking the further increase in weed seed bank without any crop suppression, but at the same time requires certain precautionary measures in its use.
<b>Expected completion:</b> 31/03/2015	<b>Expected growth impact:</b> This technology would definitely obviate the <i>Orobanche</i> seed bank to further increase in the soil as well as improve the overall productivity of mustard. Considering the <i>Orobanche</i> infestation in 30-40% of the total mustard cultivated area with 60-90% weed control with improved technology, an additional mustard production of 0.15-0.20 million tones In <i>Orobanche</i> infested area. This will help in improving the socio-economic status of farming fraternity of Haryana state and will increase the State's contribution towards Central pool.
<b>Expected total no. of beneficiaries:</b> NA	<b>Project to be taken in SLSC meeting No.:</b> Meeting held on 17/06/2013.

## Annexure-II

### Project- Component wise costs break up (Year 2013-14)

State Name: Haryana

(Amount in Rs. 0.10 crores)

Project Name	Component Name	Component Cost (in Lacs)	Unit
Enhancing mustard productivity in <i>Orobanche</i> infested areas through technology dissemination using farmers' participatory approach	Purchase of seed, fertilizers, spray pumps, nozzles and herbicides	7,00000	-
	Trainings, farmers fairs, travelling seminars and publishing of literature for farmers	3,10000	-
	<b>Total</b>	<b>10,10000</b>	<b>-</b>

## Project Quarterly Progress

State Name: Haryana (Amount in Rs. 10,10000/-)

<b>Name of project:</b> Enhancing mustard productivity in <i>Orobanche</i> infested areas through technology dissemination using farmers' participatory approach	<b>Quarter No.:</b> 1
<b>Financial Year:</b> 2013-14	<b>Physical Achievements:</b> Since the project has been sanctioned in this year i.e. 2013-14. Mustard season has started and all activities like purchase of inputs and organization of trainings and seminars are being finalized.
Financial Year: 2013-14	<b>Physical Achievements:</b> 1. Glyphosate herbicides(75 litres) has been purchased.
<b>Expenditure Incurred:</b> Rs.36, 357	<ul style="list-style-type: none"> <li>• <b>Expected Output:</b> Performance evaluation and economic feasibility of new technology <i>vis-a-vis</i> farmers' practice for <i>Orobanche</i> management in mustard.</li> <li>• Farmers' participatory impact analysis (pre and post assessment) of the new technology through bench mark survey using structured questionnaire.</li> <li>• Digitized map representing level of <i>Orobanche</i> infestation in mustard growing areas of the Haryana State using Grid based stratified sampling.</li> </ul>
<b>Expenditure Committed:</b> Rs. 10,10,000	<ul style="list-style-type: none"> <li>• <b>Expected Outcome:</b> Gradual reduction in weed seed bank in <i>Orobanche</i> infested mustard growing areas of Haryana State.</li> <li>• Improvement in overall productivity of mustard crop particularly in <i>Orobanche</i> infested areas.</li> </ul>
<b>Project Status:</b> Under progress	<b>Growth Impact:</b> Cost-effective farmers' friendly technology culminating in better control of noxious, difficult to control, parasitic weed <i>Orobanche</i> that will potentially enhance the production and productivity of mustard and will improve the economic wellbeing of the farming community in mustard growing areas of Haryana state.
<b>Actual no. of Beneficiaries:</b> NA	<b>Project yet started</b>

## Project Completion Details

State Name: Haryana

<b>Name of project:</b> Enhancing mustard productivity in <i>Orobanche</i> infested areas through technology dissemination using farmers' participatory approach	<b>Actual Output:</b> No out put still achieved as the project has been started in October,2013
<b>Financial Year:</b> 2013-14	<b>Actual Outcome:</b> Yet to be ascertained
<b>Assessment Report Submitted:</b> NA	<b>Actual Achievement:</b> Yet to be ascertained
<b>Case study done:</b> NA	<b>Growth Impact:</b> Yet to be ascertained
<b>Utilization certificate submitted:</b> NA	<b>Utilization certificate date:</b> NA

## Beneficiaries' details:

Project Name	Small	Marginal	SC	ST	Women	Other/SHG	Beneficiaries
Enhancing mustard productivity in <i>Orobanche</i> infested areas through technology dissemination using farmers' participatory approach	NA	NA	NA	NA	NA	NA	NA

**Project No.3: Strengthening of Seed production programme at CCSHAU, RRS, Bawal**

**Annexure-I**

**Project Proposal Details**

**State Name: Haryana**

**Stream :**

**Is it a flag ship Project: Yes**  **No**

**Coverage (Entire State, Regional, Some Districts): Regional**

Name of Project: <b>Strengthening of Seed production programme at CCSHAURRS, Bawal</b>	Implementing Dept. in State: Deptt. of Agriculture, Haryana
Sector of the Project: Seed Farms and Seed Production	Implementing Agency : CCSHAU Hisar (Max 250 Char)
Category of the Project:	Expected Physical Targets: Strengthening of facilities for Quality seed production
Classified under existing scheme: Seed Farms and Seed Production	Physical unit of the Project: Strengthening of existing facilities (irrigation system, land development and renovation) and purchase of new machinery like tractor, threshers, harvesters and graders etc.
Total Project Duration (in years): One year	Expected Output: Production of quality seed for the farmers of South-West Haryana.
Expected Total Project Cost (in crores): 0.8500 ( Four digit after decimal)	Expected Outcome: Model facilities for seed production at RRS, Bawal
Commencement of Year: 2013-14	Remarks:
Expected Completion <b>(as dd/mm/yyyy): 31.03.2014</b>	Expected Growth Impact: Enhancing crop productivity of different field crops.
Expected Total No of Beneficiaries:	Project to be taken in SLSC Meeting No.:

**Annexure-II**

**Project – Component Wise Cost Break Up (Year 2013-14)**

**State Name: Haryana**

**(Amount in crores)**  
**(Four Digit after Decimal)**

Project Name	Component Name	Component Cost	Unit
Strengthening of Seed production programme at CCSHAURRS, Bawal	<b>A. Non –recurring</b>		
	a) Infrastructure)	0.2000 (Irrigation facilities, renovation of seed stores/ lab/seminar hall/ training hostel)	One each
	b) M & Equipments	0.6100 (Seed grader, tractor with drill, harrow, laser leveler, cultivator, trolley, harvester, thresher, seed packing machine etc.)	Tractors -2, Grader- 1, Harrow -1, Seed packi Machine -1, Seed drill/cultivator-1 Thresher-1, Harvester-1
	<b>B. Recurring</b>		
	a) Seed packing material	0.0100	As per requirement
	b) Maintenance and Repair	0.0300	

**Annexure-III**

**Project Quarterly Progress**

**State Name: Haryana**

**(Amount in crores)**

Project Name: Strengthening of Seed production programme at CCSHAURRS, Bawal	Quarter No: / 3/
Financial Year: 2013-14	<b>Physical Achievement:</b> ⊕ Purchase case for Seed grader and tractors initiated. ⊕ Sowing of mustard has been done. ⊕ Wheat and barley sowing is in progress
Expenditure Incurred:	<b>Actual Output:</b> As project sanctioned recently (16 <sup>th</sup> August 2013). The project is in progress and output will be achieved in due course of time
Expenditure Committed: 0.4250 as purchase cases have been initiated.	<b>Actual Outcome:</b> As project was sanctioned on 16 <sup>th</sup> August, 2013. The project is in progress and output will be achieved in due course of time
Project Status : In progress/ Completed/ Abandoned/Substantially Completed/Not yet implemented In Progress	<b>Growth Impact:</b> Growth impact will be visible only after production of quality seed and seed production is in progress.
Actual No. of Beneficiaries: 2000-2500	Remarks (Achievement, Output, Outcome, Impact, Remarks of MAX 255 Chars)

**Annexure-IV**

**Project Completion Details - NA (In Progress)**

**State Name: Haryana**

Project Name: Strengthening of Seed production programme at CCSHAURRS, Bawal	Actual Output:
Financial Year:	Actual Outcome:
Assessment Report Submitted: Yes/No	Actual Achievement:
Case Study Done: Yes/No	Growth Impact: Output,Outcome,Achievement,Impact of MAX 255 Chars
Utilization Certificate Submitted : Yes/No	Utilization Certificate Date:

**Beneficiaries Details**

Project Name	Small	Marginal	SC	ST	Women	Other/SHG	Beneficiaries
Strengthening of Seed production programme at CCSHAURRS, Bawal	-	-	-	-	-	-	-

Project No. 4: **Promotion of Zero tillage technology for wheat (*Triticum aestivum*) crop in Rewari district of South- West Haryana**

**Annexure-I**

**Project Proposal Details**

**State Name: Haryana**

**Stream :I**

**Is it a flag ship Project: Yes**

**No**

**Coverage** (Entire State, Regional, Some Districts):

Name of Project: <b>Promotion of Zero tillage technology for wheat (<i>Triticum aestivum</i>) crop in Rewari district of South West Haryana</b> (Max 250 char)	Implementing Dept. in State: Deptt. of Agriculture, Haryana (Max 250 Char)
Sector of the Project: Agri. Research	Implementing Agency : CCSHAU, Hisar (Max 250 Char)
Category of the Project: Agri. Research	Expected Physical Targets: Demonstrations and training on ZT in two blocks of Rewari district
Classified under existing scheme: Agri. Research	Physical unit of the Project: Demonstrations (160) and trainings (9)
Total Project Duration (in years): Two years	Expected Output: Improvement in socio-economic status of farmers
Expected Total Project Cost (in crores):0.3140 ( Four digit after decimal)	Expected Outcome: improve soil structure as well as wheat productivity and thereby improve socio-economic status of farming fraternity of Haryana state.
Commencement of Year: 2013-14	Remarks:
Expected Completion ( <b>as dd/mm/yyyy</b> ): 31/03/2015	Expected Growth Impact: Improvement in the productivity of Wheat of Rewari district.
Expected Total No of Beneficiaries: Approx. 600	Project to be taken in SLSC Meeting No.:

**Annexure-II**

**Project – Component Wise Cost Break Up (Year 2013-14)**

**State Name: Haryana**

**(Amount in crores)**

<b>Project Name</b>	<b>Component Name</b>	<b>Component Cost</b>	<b>Unit</b>
Promotion of Zero tillage technology for wheat ( <i>Triticum aestivum</i> ) crop in Rewari district of South- West Haryana	Material & Supply (including farm inputs- , fertilizers, etc.)	0.1000	Demonstrations -160
	Trainings/Kisan Mela/ Farmers' Meetings/ including farm literature	0.0400	Trainings - 9
	Contingencies	0.0025	As per requirement



Project No. 5

**Promotion of castor based cropping systems for raising farm income in South-West Haryana**

**Annexure-I**

**Project Proposal Details**

**State Name: Haryana**

**Stream :**

**Is it a flag ship Project: Yes/No**

**Coverage (Entire State, Regional, Some Districts):**

Name of Project: <b>Promotion of castor based cropping systems for raising farm income in South- West Haryana</b>	Implementing Dept. in State: <b>Deptt. of Agriculture, Haryana</b>
Sector of the Project: Agri. Research/Extension	Implementing Agency : CCSHAU, Hisar (Max 250 Char)
Category of the Project: Agri. Research/Extension	Expected Physical Targets: Demonstrations, trainings and field days on castor based cropping systems shall be organized in Rewari, Mohindergarh, Mewat, Bhiwani, Hisar and Sirsa districts.
Classified under existing scheme: Agri. Research/Extension	Physical unit of the Project: Demonstrations (10) and trainings (6) and Field days/Mela (6) shall be organized in the current year
Total Project Duration (in years): Two years	Expected Output: Improvement in socio-economic status of farmers. Total production and net returns are expected to be increased.
Expected Total Project Cost (in crores): 0.2340 ( Four digit after decimal)	Expected Outcome: Farmers of the region shall have an option of a new crop for diversification which shall give option for intercropping of various field crops and vegetables which results in increased farm productivity and net income.
Commencement of Year: 2013-14	Remarks: All the activities have been initiated and the progress is satisfactory. Expected results shall be achieved in due course of time
Expected Completion (as dd/mm/yyyy): 31/03/2015	Expected Growth Impact: Improvement in the productivity of Wheat of Rewari district.
Expected Total No of Beneficiaries: Approx. 465	Project to be taken in SLSC Meeting No.:

**Annexure-II**

**Project – Component Wise Cost Break Up (Year 2013-14)**  
**State Name: Haryana**

**(Amount in crores)**  
**(Four Digit after Decimal)**

Project Name	Component Name	Component Cost	Unit
Promotion of castor based cropping systems for raising farm income in South- West Haryana	Material & Supply (including farm inputs- , fertilizers, etc.)	0.0050	Demonstrations -10
	Trainings/Kisan Mela/ Field Days/ including farm literature	0.0185	Trainings – 6 , one in each of six districts
	Machinery and Equipments	0.0350	3-4 Castor threshers and drip irrigation

**Annexure-III****Project Quarterly Progress**

**State Name: Haryana**

**(Amount in crores)**  
**(Four Digit after Decimal)**

Project Name: : <b>Promotion of castor based cropping systems for raising farm income in South- West Haryana</b>	Quarter No: 3
Financial Year: 2013-14	Physical Achievement: Case for training, machinery & equipments and inputs is under process. Training schedule through various KVKs in selected districts has been formulated.
Expenditure Incurred: Nil	Actual Output: As project was sanctioned on 16 <sup>th</sup> August, 2013. The project is in progress and output will be achieved in due course of time
Expenditure Committed: Case of purchase and conducting trainings/field days/melas have been initiated	Actual Outcome: As project was sanctioned on 16 <sup>th</sup> August, 2013. The project is in progress and output will be achieved in due course of time
Project Status : In progress	Growth Impact: As project was sanctioned on 16 <sup>th</sup> August, 2013. The project is in progress and output will be achieved in due course of time
Actual No. of Beneficiaries: Approx. 465 farmers/field officers	Remarks (Achievement, Output, Outcome, Impact, Remarks of MAX 255 Chars) All the activities have been initiated and the progress is satisfactory. Expected results shall be achieved in due course of time



**Project No.6:** Modern approaches in Dryland Agriculture- Better crops from every rain drop.

**Project Proposal Details**

**Annexure-I**

**State Name:** Haryana

**Stream:** I

**Is it a flag ship project:**

**Coverage:** Entire state

<b>Name of project:</b> Modern approaches in Dryland Agriculture- Better crops from every rain drop	<b>Implementing department in State:</b> Department of Agriculture, Haryana
<b>Sector of the project:</b>	<b>Implementing agency:</b> Department of Dryland Agriculture, CCS Haryana Agricultural University, Hisar, Haryana
<b>Category of the project:</b>	<b>Expected physical target:</b> Capacity building and training of rural youth from Dryland areas.
<b>Classified under existing stream:</b> NA	<b>Physical unit of the project:</b> 90 demonstrations
<b>Total project duration (in years):</b> three	<b>Expected output:</b> training of rural youth to acquaint them with latest development in Dryland Agriculture.
<b>Expected total project cost (in crores):</b> 0.0100	<b>Expected outcome:</b> training of rural youth to acquaint them with latest development in Dryland Agriculture.
<b>Commencement of year:</b> 2013-14	<b>Remarks:</b> This is a training programme and shall be organized in December/January when the farmers are relatively free.
<b>Expected completion:</b> 31.3.2014	<b>Expected growth impact:</b> Trained village youth
<b>Expected total no. of beneficiaries:</b> 30-35	<b>Project to be taken in SLSC meeting No.:</b> Meeting held on 17/06/2013.

**Annexure-II**

**Project- Component wise costs break up (Year 2013-14)**

**State Name:** Haryana

(Amount in lacs)

<b>Project Name</b>	<b>Component Name</b>	<b>Component Cost (in Lacs)</b>	<b>Unit</b>
Modern approaches in Dryland Agriculture- Better crops from every rain drop	NRC	-	-
	RC	0.0100 Crores	-

**Annexure-III**

**Project Quarterly Progress**

**State Name:** Haryana

<b>Name of project:</b> Modern approaches in Dryland Agriculture- Better crops from every rain drop	<b>Quarter No.:</b> 1
<b>Financial Year:</b> 2013-14	<b>Physical Achievements:</b> NA
<b>Expenditure Incurred -</b>	Actual output: This is a training programme and shall be organized in December/January when the farmers are relatively free.
<b>Expenditure Committed: -</b>	<b>Expected Outcome:</b> NA
<b>Project Status:</b> In progress	<b>Growth Impact:</b> Trained youth shall act as catalyst to adoption of new technologies.
<b>Actual no. of Beneficiaries:</b> 30-35	<b>Remarks:</b> This is a training programme and shall be organized in December/January when the farmers are relatively free.

## Annexure-IV

## Project Completion Details

State Name: Haryana

<b>Name of project:</b> Modern approaches in Dryland Agriculture- Better crops from every rain drop	<b>Actual Output:</b> Trained rural youth ready to adopt new technologies.
<b>Financial Year:</b> 2013-14	<b>Actual Outcome:</b> This is a training programme and shall be organized in December/January when the farmers are relatively free.
<b>Assessment Report Submitted:</b> NA	<b>Actual Achievement:</b> This is a training programme and shall be organized in December/January when the farmers are relatively free.
<b>Case study done:</b> NA	<b>Growth Impact :</b> Trained youth shall act as catalyst to adoption of new technologies.
<b>Utilization certificate submitted:</b> NA	<b>Utilization certificate date:</b> NA

## Beneficiaries' details\* :

Project Name	Small	Marginal	SC	ST	Women	Other/SHG	Beneficiaries
Demonstration and adaptation of Dryland Technologies at farmer's fields.							

\*While selecting the youth, an attempt shall be made so give representation to all sections.

**Project No.7: Strengthening of Agrochemicals Residues Laboratory using state of the art analytical instruments.**

**Project Proposal Details**

**Annexure-I**

**State Name:** Haryana

**Stream:** I

**Is it a flag ship project:**

**Coverage:** Entire state

<b>Name of project:</b> Strengthening of Agrochemicals Residues Laboratory using state of the art analytical instruments.	<b>Implementing department in State:</b> Department of Agriculture, Haryana
<b>Sector of the project:</b> Sector- I	<b>Implementing agency:</b> CCS Haryana Agricultural University, Hisar, Haryana
<b>Category of the project:</b> Crop Development	<b>Expected physical target:</b> Strengthening of Agrochemicals Residues Laboratory using state of the art analytical instruments.
<b>Classified under existing stream:</b> NA	<b>Physical unit of the project:</b> <ol style="list-style-type: none"> <li>1. Strengthening of Agrochemicals Residues Laboratory using state of the art analytical instruments.</li> <li>2. Farmers will able to become aware about pesticide residual problem/outcomes in the crop with special reference to weed control and can be encouraged for organic farming.</li> </ol>
<b>Total project duration (in years):</b> One	<b>Expected output:</b> <ol style="list-style-type: none"> <li>1. Availing better analytical facilities using state of the art analytical instruments so as to face new challenges in residue estimation.</li> <li>2. To know the pesticide residues in environmental and agricultural produce in different regions of Haryana.</li> <li>3. To test residues in new herbicides/insecticides for including them in university packages of practices.</li> </ol>
<b>Expected total project cost (in crores):</b> 0.9700	<b>Expected Outcome:</b> <ol style="list-style-type: none"> <li>1. Availing better analytical facilities using state of the art analytical instruments so as to face new challenges in residue estimation.</li> </ol>

	<ol style="list-style-type: none"> <li>2. Upto date information about the residues level in environmental matrix and agricultural produce will be prepared and maintained so as to provide guidelines to research and extension workers.</li> <li>3. Farmers will be benefitted for the production of residue free agricultural produce and their product will be recognized at international level for fulfilling WTO guidelines.</li> <li>4. Testing new Agrochemicals for residues in various agricultural components and produces to include them in University Packages of Practices so as to make their safe and sustainable use.</li> </ol>
<b>Commencement of year:</b> 2013-14	<p><b>Remarks:</b> People of Haryana are facing the sever health hazardous due the persistence of the pesticides/herbicides residues in the soil, water and the edibles. Reports from Health Department of Haryana during 2008-09 clearly indicated that the number of cancer and heart patients increased to 12% in last one and half decade. Similarly the early puberty attainment in children, early menopause cases in women (even in the age of 35) increase miscarriage cases and problems related to mental disorders in infants has been increase to surprising level in last two decade. Although there is not much research on the subject to support the reason of pesticide/herbicide residues behind all this. But we can't forget the case of Endosulphan ban in India on the ground that it is playing with the health of the peoples. The examples cited behind this is from Kasargod, Kerala where lot of genetic deformation has been observed after the spray of Endosulfan on cashew but trees in early nineties. So, there is a need of proper monitoring of the persistence, dissipation behavior and safe waiting period of various pesticides/herbicides (in special reference to newly introduced molecules) in various agricultural produces and environmental components.</p>
<b>Expected completion:</b> 31/03/2015	<p><b>Expected growth impact:</b> Since the growth impact of the project will be observed as the time progress, when we have upto date information about the persistence and dissipation behavior of different insecticides/herbicides commonly used in different regions of Haryana.</p>
<b>Expected total no. of beneficiaries:</b> NA	<p><b>Project to be taken in SLSC meeting No.:</b> Meeting held on 17/06/2013.</p>

## Annexure-II

## Project- Component wise costs break up (Year 2013-14)

State Name: Haryana

Project Name: Strengthening of Agrochemicals Residues Laboratory using state of the art analytical instruments.

(Amount in Rs. 0.10 crores)

Project Name	Component Name	Component Cost (in Lacs)	Unit
Strengthening of Agrochemicals Residues Laboratory using state of the art analytical instruments.	Gas Chromatograph MS/MS with accessories	90.00	One
	Gas cylinders (Hydrogen, Nitrogen and Oxygen) with kit.	2.00	Three each
	Column compartment for HPLC	3.00	One
	Electronic Balance	2.00	One
	<b>Total Amount</b>	<b>97.00</b>	

## Annexure-III

## Project Quarterly Progress

State Name: Haryana

(Amount in Rs. 10,10000/-)

<b>Name of project:</b> Strengthening and Development of Agrochemicals Residues Laboratory for Environmental Components and Food Commodities	<b>Quarter No.:</b> 1
<b>Financial Year:</b> 2013-14	<b>Physical Achievements:</b> Since the project has been sanctioned in this year i.e. 2013-14. The cost of major instrument i.e. GCMS/MS is approximately Rs.90.00 lacs. In first half only Rs.48.50 lacs has been released. The purchase of the instrument can be fulfilled only when complete funds will be available.
Financial Year: 2013-14	<b>Physical Achievements:</b> 1. The renovation work is under process..
<b>Expenditure Incurred:</b> -	<b>Expected Output:</b> To know the pesticide residues in environmental and agricultural produce in different regions of Haryana.

<b>Expenditure Committed:</b> Rs. 48.50 lacs	<b>Expected Outcome:</b> Upto date information about the residues level in environmental matrix and agricultural produce will be prepared and maintained so as to provide guidelines to research and extension workers. Farmers will be benefitted for the production of residue free agricultural produce and their product will be recognized at international level for fulfilling WTO guidelines.
<b>Project Status:</b> Under progress	<b>Growth Impact:</b> Farmers will able to become aware about pesticide residual problem/outcomes in the crop with special reference to weed control and can be encouraged for organic farming.
<b>Actual no. of Beneficiaries:</b> NA	<b>Remarks:</b> <ol style="list-style-type: none"> <li>1. The renovation work is under process and it is expected to get complete by the end of February, 2014. Instrument, equipments will be installed only when the renovation work will be over.</li> <li>2. To evaluate the residue level in agricultural produces, soil and water at farmer field during Rabi and Kharif season.</li> <li>3. Evaluation of Lusture (37.5SE) against seath blight disease of rice for inclusion in Package of Practices of CCSHAU, Hisar.</li> <li>4. Evaluation of Sempra (75WG) in Sugarcane for inclusion in Package of Practices of CCSHAU, Hisar.</li> <li>5. Evaluation of Seathmar (3L) for the control of seath blight of rice for inclusion in Package of Practices of CCSHAU, Hisar.</li> <li>6. Residue analysis of Buprofezin (25% SC) in rice for inclusion in Package of Practices of CCSHAU, Hisar.</li> </ol>

## Project Completion Details

State Name: Haryana

<b>Name of project:</b> Strengthening and Development of Agrochemicals Residues Laboratory for Environmental Components and Food Commodities	<b>Actual Output:</b> Since the project has been sanctioned in this year i.e. 2013-14. The cost of major instrument i.e. GCMS/MS is approximately Rs.90.00 lacs. In first half only Rs.48.50 lacs has been released. The purchase of the instrument can be fulfilled only when complete funds will be available. The renovation work is under process and various instruments, equipments will be installed only when the renovation work will be over. Other physical works which have been started in the lab. are: <ol style="list-style-type: none"> <li>1. The renovation work is under process and it is expected to get complete by the end of February, 2014. Instrument, equipments will be installed only when the renovation work will be over.</li> <li>2. To evaluate the residue level in agricultural produces, soil and water at farmer field during Rabi and Kharif season.</li> <li>3. Evaluation of Lusture (37.5SE) against seath blight disease of rice for inclusion in Package of Practices of CCSHAU, Hisar.</li> <li>4. Evaluation of Sempra (75WG) in Sugarcane for inclusion in Package of Practices of CCSHAU, Hisar.</li> <li>5. Evaluation of Seathmar (3L) for the control of seath blight of rice for inclusion in Package of Practices of CCSHAU, Hisar.</li> <li>6. Residue analysis of Buprofezin (25% SC) in rice for inclusion in Package of Practices of CCSHAU, Hisar.</li> </ol>
<b>Financial Year:</b> 2013-14	<b>Actual Outcome:</b> Yet to be ascertained
<b>Assessment Report Submitted:</b> NA	<b>Actual Achievement:</b> Yet to be ascertained
<b>Case study done:</b> NA	<b>Growth Impact:</b> Yet to be ascertained
<b>Utilization certificate submitted:</b> NA	<b>Utilization certificate date:</b> NA

## Beneficiaries' details:

Project Name	Small	Marginal	SC	ST	Women	Other/SHG	Beneficiaries
Enhancing mustard productivity in <i>Orobanche</i> infested areas through technology dissemination using farmers' participatory approach	NA	NA	NA	NA	NA	NA	NA