

2010-11

कृषि कर्मण पुरस्कार Krishi Karman Awards

For the best performing states in food grain production

Hon'ble Agriculture Minister, Department of Agriculture and Cooperation, Government of India, announced a "Reward Scheme" for recognizing the meritorious efforts of the States in food grain production during 2010-11. Two sets of Awards were included under the Scheme. One for the total foodgrain Production and the other for the individual foodgrain crops of Rice, Wheat, Pulses and Coarse Cereals. There are three categories of awards for total foodgrain production. Category 1 is for the States where total foodgrain production exceeds 10 million tons. Category 2 is for the States where total food grain production is less than 10 million tons but more than 1 million tons. Category 3 is for the States with total food grains production less than 1 million tons. Award winning States get a Trophy, a citation and cash award of Rs. 2 crores for total food grains production and an amount of Rs. 1 crore for each of the four crops included in foodgrain.

A selection committee headed by Secretary (Agriculture and Cooperation) assessed the performance of States against objective criteria that took into account production outcomes, implementation of crop production programs and innovative approaches adopted for effective service delivery. States of U.P, Punjab, Haryana, Tripura, Chhattisgarh, Odisha, Rajasthan, Karnataka, Maharashtra, Assam are selected under different categories for receiving the top awards at the hands of Hon'ble PM on 16th July 2011 on ICAR day. This booklet includes the details of the awards, procedures adopted for selecting the states and salient information on performance of the award winning states along with strategies adopted by them for increasing food grain production.

Department of Agriculture and Cooperation
Ministry of Agriculture
Government of India
New Delhi



Index

S. No.	Item	Page Number
1	Krishi Karman Awards	1
1.1	Background &nature of Awards	3
1.2	Criteria adopted for screening of the states	3-5
1.3	Performance ranking of shortlisted states under food grains, rice, wheat, pulses and coarse cereals	5-8
1.4	States Selected	9
1.5	Timelines Followed	9
2	Profile of the award winning states	10
	Total Food grains- Uttar Pradesh	11
	Punjab	12
	Assam	13
	Odisha	14
	Tripura	15
	Rice-Chhattisgarh	16
	Wheat- Haryana	17
	Pulses- Maharashtra	18
	Pulses- Rajasthan	19
	Coarse Cereals - Karnataka	20

Krishi Karman Awards for the Best Performing States on Food Grains Production

1. Scheme details:

1.1 Background & nature of Awards: A scheme to reward the best performing States in foodgrain production during 2010-11 was announced by Hon'ble AM during review meeting of major wheat growing states held on 19th October at Jaipur. There are a total number of 7 rewards including 3 for the States with highest food grain production in three identified categories –large, medium and small producers; and 4 rewards one each for the highest production under rice, wheat, pulses and coarse cereals crops. The states are divided into following 3 groups based on the highest production levels of food grains achieved by the States in the previous five years. However, for rice and wheat no grouping of states is carried out.

Group	Highest production (in '000 tons)	States
Group1	>10000	UP, Punjab, A.P, WB, Haryana ,M.P, Rajasthan, Maharashtra, Karnataka, Bihar
Group 2	1000-10000	Orissa, TN, Gujarat, Chhattisgarh, Assam, Jharkhand, Uttrakhand, HP, J&K
Group 3	< 1000	Rest of the states

Reward amount for the highest food grain producing State will be Rs 2 crores and for the individual crop categories it is Rs 1 crore. The rewards would be distributed in New Delhi on the occasion of **ICAR day** on **16th July, 2011** at the hands of Hon'ble Prime Minister.

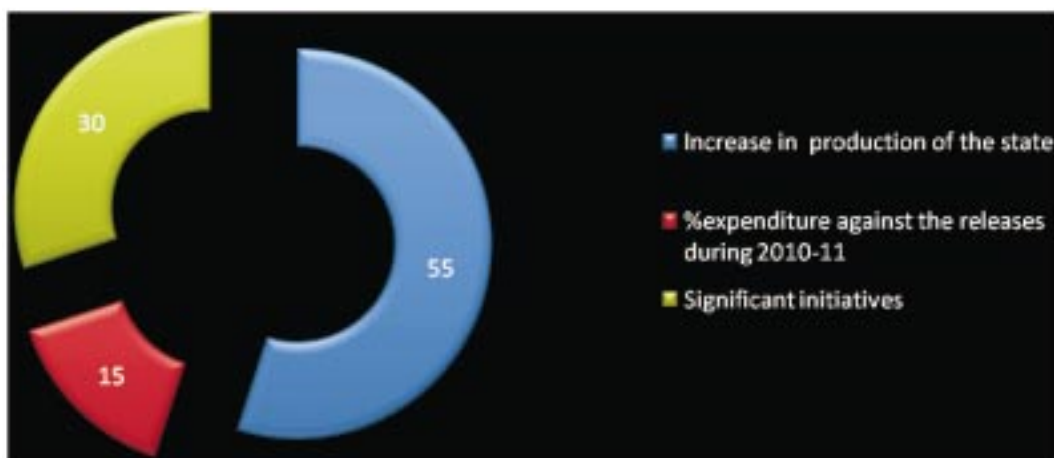
1.2 Methodology/ Criteria adopted for Screening of the States: Initial screening for the selection of the best performing states Awards was done based on the 3rd advance production estimates and the reported performance of the states against the set parameters. The shortlisted States (17) were called for making detailed presentation on 9th June, 2011 before Selection Committee headed by Secretary (A&C).

- Following parameters as shown in **Table 1** were adopted while making the final assessment of the states. Same criteria were followed for both total food grains and individual crops.

Table 1: Criteria Adopted for Selection of States

S.No	Parameter	Weightage	Procedure	Remarks
1.	Highest production of the state exceeding previous highest production since 2001	55	<ul style="list-style-type: none"> ● States with foodgrain production exceeding their highest earlier production - 55 points. ● States with production equivalent to 90-99% of its highest production - 45 points ● States with production equivalent to 80-89% of its highest production - 35 Points 	Based on the 3 rd advance estimate 2010-11 of DES since 4 th advance estimate would be out only in September 2011; for the states that provided new estimates as per crop cuttings during presentation were considered.
2.	Expenditure incurred under foodgrain development Schemes	15	<ul style="list-style-type: none"> ● Percentage expenditure to fund available with the State would be considered as follows: ● 90-100% expenditure - 15 points ; ● 80-89% expenditure - 10 points ● 70-79% expenditure- 5 points 	Expenditure UCs/final Progress reports March 2011 are considered.
3.	Significant initiatives taken in achieving record production of food grains	30	<ul style="list-style-type: none"> ● Committee constituted for selection of states awarded these points after examining the State proposals and assessment of the State presentation 	Based on states' presentation
Total		100		

Graph 1: Criteria Adopted for selection of States



- Assessment of coarse cereals was done based on increase in production of the state over its previous highest; increase in productivity over previous highest and initiatives adopted by the states as the data for expenditure was not available. Accordingly, the weightage for initiatives was adjusted for 45 marks. Similarly, the 3rd group of states under foodgrain category was assessed on the production figures of 2009-10 (of DES) since production figures for 2010-11 are not available as per 3rd advance estimates.
- Apart from the above, the Selection Committee also considered the following while assessing the presentation of the states—Results of Crop Cutting experiments endorsed by SASA regarding foodgrain production; Expenditure figures reported by the states; new innovations/ initiatives adopted for enhancing agriculture production; Inter-departmental coordination with Power, irrigation, fertilisers, credit, etc. ; Future prospects for foodgrain production.

1.3 Performance ranking of shortlisted states under foodgrain, rice, wheat, pulses and coarse cereals (table 2- 6):

Table 2-Performance ranking of Shortlisted states under total food grain category of Krishi Karman Awards

Sl. No.	States	Category 1: Production		Category 2: Expenditure		Category 3: Initiative Taken by the States	Total Score Cat. 1+2+3	Remarks
		Change Over From highest to 2010-11	Score	% Expenditure	Score	Score		
Group 1								
1	Uttar Pradesh	102	55	81	10	26	91	U.P & Punjab are joint winners
2	Punjab	102	55	95	15	21		
3	Andhra Pradesh	95	45	69	0	24		
4	Haryana	106	55	89	10	24		
5	Maharashtra	101	55	76	5	24		
Group 2								
1	Odisha	107	55	99	15	23	93	Odisha, Assam joint Winners
2	Tamil Nadu	99	45	96	15	22		
3	Chhattisgarh	110	55	60	0	25		
4	Assam	117	55	100	15	23		
Group 3 *								
1	Kerala	80	35	99	15	0	50	Tripura is the winner
2	Tripura	102	55	97	15	0		
3	Manipur	76	0	100	15	0		

* States could not make the presentation

Table 3-Performance Ranking for Shortlisted States under RICE category of Krishi Karman Awards

Sl. No.	States	Category 1: Production		Category 2: Expenditure		Category 3: Initiative taken by the States	Total Score Cat. 1+2+3	Remark
		Change Over From highest to 2010-11	Score	% Expenditure	Score	Score		
1	Punjab	96	45	0	0	21	66	Assam is recommended for foodgrain production in group 2. Hence the winner under rice is Chhattisgarh.
2	Andhra Pradesh	98	45	94	15	24		
3	Uttar Pradesh	91	45	88	10	26		
4	Chhattisgarh	111	55	77	5	25		
5	Assam	117	55	100	15	23		

Table -4 Performance Ranking for Shortlisted States under WHEAT category of Krishi Karman Awards

Sl. No.	States	Category 1: Production		Category 2: Expenditure		Category3: Initiative taken by the States	Total Score Cat. 1+2+3	Remarks
		Change Over From highest to 2010-11	Score	% Expenditure	Score	Score		
1	Uttar Pradesh	106	55	98	15	26	96	U.P is recommended for food grains. Haryana is the winner.
2	Punjab	105	55	97	15	23	93	
3	Haryana	107	55	100	15	24	94	
4	Rajasthan	139	55	99	15	20	90	
5	Bihar	91	45	100	15	20	80	
6	Maharashtra	110	55	97	15	22	92	

Table -5 Performance Ranking for Shortlisted States under PULSES category of Krishi Karman Awards

Sl. No.	States	Category 1: Production		Category 2: Expenditure		Category3: Initiative Taken by the States	Total Score Cat. 1+2+3+4	Remarks
		Change Over From highest to 2010-11	Score	% Expenditure	Score	Score		
1	Uttar Pradesh	91	45	81	10	25	80	Maharashtra & Rajasthan are the joint winners
2	Maharashtra	104	55	98	15	25	95	
3	Rajasthan	142	55	90	15	25	95	
4	Andhra Pradesh	95	45	72	5	23	73	
5	Karnataka	110	55	92	15	22	92	
6	Tamil Nadu	117	55	97	15	23	93	

**Table -6 Performance Ranking for Shortlisted States under
COARSE CEREALS category of Krishi Karman Awards**

Sl. No.	States	Category 1: Production		Category 2: Productivity		Category 3: Initiative taken by the States	Total Score Cat. 1+2+3	Remarks
		Change Over From highest to 2010-11	Score	Change Over From highest to 2010-11	Score	Score		
1	Karnataka	107	35	114	20	40	95	Karnataka is the winner
2	Maharashtra	101	35	111	20	35	90	
3	Tamil Nadu	109	35	92	10	40	85	
4	Odisha	362	35	127	20	30	85	
5	West Bengal	101	35	105	20	0	55	

1.4 States Selected for the Awards:

Total foodgrain production

Group 1 (foodgrain production > 10million tons)	Punjab, U.P
Group 2 (foodgrain production 1-10 million tons)	Odisha, Assam
Group 3 (food grain production < 1 million ton)	Tripura

Individual crops

Rice	Chhattisgarh
Wheat	Haryana
Pulses	Maharashtra, Rajasthan
Coarse cereals	Karnataka

Each State in the foodgrain Category would be receiving a cash award of Rs 2 Crores, one citation and a trophy. The states selected for individual Crops category would receive a cash award of Rs 1 crore each with a citation and a trophy.

1.5 Timelines followed for the completion of the process :

S.No	Works	Timelines
1	Preparation of guidelines for Awards	Mid January 2011
2	Submission & Approval of guidelines for Awards	31 st January 2011
3	Circulation of Guidelines to states	Mid February 2011
4	Constitution of Selection Committee	End of February 2011
5	Collection of Data	March- end of May 2011
6	Compilation of data and first screening	1 st week of June 2011
7	Presentation by states for final selection	9 th June, 2011
8	Awards presentation	16 th July 2011

2. Profile of Award Winning States



UTTAR PRADESH

Krishi Karman Award under total foodgrains category among states with production > 10 million tons

- ❖ Production of 475.52 lakhs Tons foodgrain during 2010-11 as against the previous highest of 467.29 lakhs Tons recorded in 2008- 09 (an increase of 2%).
- ❖ **Initiatives adopted for highest foodgrain production :**
 - Higher coverage under maize, hybrid rice, SRI, and Stress tolerant varieties
 - More area is brought under pulses by Intercropping especially urad with sugar cane, jowar and bajra; Area expansion under hybrid maize
 - Focus on low producing areas of Eastern Uttar Pradesh and Bundelkhand through promotion of watershed development, micro irrigation and improved agronomic practices

Chief Minister	: Ms Mayawati
Agriculture Minister	: Shri Chaudhary Laxmi Narain
Agriculture Production Commissioner	: Shri Alok Ranjan
Principal Secretary	: Shri Sushil Kumar
Director (Agriculture)	: Dr. Mukesh Gautam



PUNJAB

Krishi Karman Award under total foodgrain category among states with production > 10 million tons

- ❖ Ever highest foodgrain production of 278.90 Lakh tons against the highest of 273.28 Lakh tons in 2008-09 (an increase of 2%).
- ❖ **Initiatives Adopted for highest production of foodgrain :**
 - Conservation of irrigation water through active promotion of laser land leveling and zero tillage
 - Setting up Agricultural /machinery Service Centers on a massive scale involving private and public sector
 - Improvement in Seed Replacement Rate with assured seed treatment
 - Control of Yellow Rust disease of wheat
 - Enactment of “Punjab Preservation of Sub-soil Water Act,2009 to ensure timely transplantation of paddy” and public private partnership in Agriculture extension
 - Relay planting of wheat in cotton
 - Expansion of summer moong area in nearly 80000 ha leading to additional income to farmers, and soil fertility

Chief Minister	: Shri Prakash Singh Badal
Agriculture Minister	: Shri Sucha Singh Langah
Financial Commissioner & Principal Secretary (Agriculture)	: Shri. N. S. Kang
Director (Agriculture)	: Dr. B.S Sidhu



Map not to Scale
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ASSAM

Krishi Karman Award under total foodgrain category among states with production 1- 10 million tons

- ❖ Ever highest foodgrain production of 52.31 Lakh tons during 2010-11 as against the previous highest of 44.81 Lakh tons recorded during 2009-10 (an increase of 17%).
- ❖ **Initiatives adopted to achieve record production of foodgrain :**
 - Increase in area under Rice; emphasis on summer (boro rice)
 - Provisioning assured irrigation through shallow tube wells
 - Focus on soil health management through increased application of lime
 - Popularization of high yielding varieties of rice and continuous monitoring of input supply

Chief Minister	: Shri Tarun Gogoi
Agriculture Minister	: Shri Nilomani Sen Deka
Agriculture Production Commissioner	: Shri R. T. Jindal
Secretary (Agriculture)	: Mrs N.A.Hazarika
Director (Agriculture)	: Dr. Kabindra Borkakati



ODISHA

Krishi Karman Award under total foodgrain category among states with production 1- 10 million tons

- ❖ Ever highest foodgrain production of 86.89 Lakh tons during 2010-11 as against the previous highest production of 81.43 Lakh tons achieved during 2007-08 (an increase of 7%)
- ❖ **Initiatives adopted for increased foodgrain production :**
 - Promotion of SRI; introduction of stress tolerant rice varieties
 - Setting up community paddy nurseries
 - Increased supply of quality seeds
 - Increased coverage of paira cropping of pulses
 - Hybrid maize promotion under Public Private Partnership
 - Extensive use of papermill sludge for effective soil health management
 - Construction of farm ponds, paddy bund cultivation of pulses have led to increased production and productivity of pulses.
 - Hybrid maize cultivation on PPP mode

Chief Minister	: Shri Naveen Patnaik
Agriculture Minister	: Shri Pradeep Maharathy
Agriculture Production Commissioner	: R. N. Senapathy
Principal Secretary	: Shri R.L. Jamuda
Director (Agriculture)	: Shri R.S Gopalan



TRIPURA

Krishi Karman Award under total foodgrain category among states with production < 1 million ton

- ❖ Ever highest production of foodgrain of 6.48 Lakh tons during 2009-10 as against the previous highest of 6.35 lakh tons during 2008-09 (as increase of 2%)
- ❖ **Initiatives Adopted for enhanced production of foodgrains :**
 - Extensive promotion of SRI linked with Hybrid rice technology
 - Area expansion under boro, Aus and Aman paddy crop seasons
 - Provisioning assured irrigation through installation of shallow tube-wells
 - Soil health management and mechanization
 - Area expansion under pulses as intercrops

Chief Minister : Shri Manik Sarkar

Agriculture Minister : Shri Agore Debbarma

Principal Secretary : Shri K.V Satyanarayana

Director (Agriculture) : Shri S.N Sen



CHHATTISGARH

Krishi Karman Award for highest production of RICE

- ❖ Ever highest rice production of 61.59 Lakh tons during 2010-11 as against the previous highest production of 55.68 Lakh tons achieved during 2003-04 (an increase of 11%)
- ❖ **Initiatives Adopted :**
 - Area expansion under SRI
 - Improvement in Seed Replacement Rate
 - Popularization of hybrid rice; increased application of micro nutrients especially zinc and active promotion of rice crop package in the tribal areas
 - Assured irrigation to additional 80000 hectares through tube wells and irrigation pumps

Chief Minister : Dr. Raman Singh

Agriculture Minister : Shri Chandrashekar Sahu

Agriculture Production
Commissioner &
Principal Secretary : Shri D. S. Mishra

Director (Agriculture) : Shri P.R. Kridutta

HARYANA



HARYANA

Krishi Karman Award for highest production of WHEAT

- ❖ Ever highest wheat production of 116.06 Lakh tons during 2010-11 as against last highest of 108.08 Lakh tons during 2008-09 (an increase of 7%)
- ❖ **Initiatives adopted :**
 - Setting up of pioneering soil health & water management systems
 - Ensuring full treatment of wheat seeds sown in the State
 - Increase in Seed Replacement Rate
 - Timely and effective control of yellow rust disease
 - Promotion of resource conservation technologies for sustainable production

Chief Minister	: Shri Bhupinder Singh Hooda
Agriculture Minister	: Shri Paramveer Singh
Financial Commissioner & Principal Secretary (Agriculture)	: Shri Roshan Lal
Director General (Agriculture)	: Shri A. K. Yadav



MAHARASHTRA

Krishi Karman Award for highest production of PULSES

- ❖ Ever highest pulse production of 31.44 Lakh tons during 2010-11 as against the previous highest production of 30.24 Lakh tons during 2007-08 (an increase of 4%)
- ❖ **Initiatives adopted :**
 - Crop-Pest Surveillance & Advisory Project
 - Area expansion under pulses through intercrops with Soybean
 - Promotion of In-situ soil moisture conservation and improvement of seed replacement rate
 - Focus on project based agriculture extension-Micro projects of 100-500 ha for group farming in which end to end services from seeds, nutrients, plant protection, training to farmers and market facilities are provided

Chief Minister	: Shri Prithviraj Chavan
Agriculture Minister	: Shri Radhakrishna Eknathrao Vikhe Patil
Principal Secretary (Agriculture)	: Shri Sudhir Kumar Goel
Commissioner (Agriculture)	: Dr. Prabhakar Deshmukh

Rajasthan Map



RAJASTHAN

Krishi Karman Award for highest production of PULSES

- ❖ Ever highest production of pulses of 32.32 Lakh tons during 2010-11 as against the previous highest production of 22.78 Lakh tons during 2003-04 (an increase of 43%)
- ❖ **Initiatives adopted :**
 - Efforts for area expansion under pulses
 - Optimum water management through construction of tanks, diggies, use of drips/sprinklers
 - Use of solar based pumps for irrigation and timely supply of inputs for pulses production
 - Golden Rays executed in Tribal, Saharia and Mada area on PPP Mode

Chief Minister : Shri Ashok Gehlot

Agriculture Minister : Shri Harji Ram Burdak

Principal Secretary (Agriculture) : Shri R. K Meena

Director (Agriculture) : Shri Bhawani Singh Detha

KARNATAKA



KARNATAKA

Krishi Karman Award for highest production of COARSE CEREALS

- ❖ Ever highest coarse cereals production of 73.91 Lakh tons during 2010-11 as against the previous highest production of 69.43 Lakh tons during 2007-08 (an increase of 7%).
- ❖ **initiatives adopted :**
 - 'Bhoo-Chetna' program for improving crop productivity in rain fed area
 - Improving seed replacement rate
 - Strengthening extension work through Farmers' facilitators
 - Promoting Public Private Partnership in adoption of hybrid Maize
 - Up scaling Raithu Sampark Kendras to ensure timely supply of inputs

Chief Minister	:	Shri B.S.Yediyurappa
Agriculture Minister	:	Shri Umesh V Katti
Development Commissioner	:	Mrs.Meera Saxena
Secretary (Agriculture)	:	Dr.Sandeep Dave
Commissioner (Agriculture)	:	Dr. Babu Rao Mudabi
Director (Agriculture)	:	Dr K.V. Sarvesh