Krishi Karman Awards were instituted in 2010-11 for recognising the meritorious efforts of the States in foodgrains production. The awards are given to the best performing States in two broad sets. One for total foodgrains production and the other for individual foodgrain crops of Rice, Wheat, Pulses and Coarse Cereals. There are three awards for total foodgrains production, **Category-I** for States where total foodgrains production exceeds 10 million tonnes, **Category-II** for States where total foodgrains production is between 1 and 10 million tonnes and **Category-III** for States with total foodgrains production less than 1 million tonne. Each award winning State gets a trophy, a citation and a cash award of Rs. 2 crore. For individual crops of Rice, Wheat, Pulses and Coarse Cereals, award winning States get a trophy, a citation and a cash award of Rs. 1 crore. A Screening Committee 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 Madhya Pradesh, Odisha, Manipur have been selected for Total Foodgrains in Category I, II & III, respectively while Chhattisgarh, Bihar, Jharkhand and Andhra Pradesh have been selected for Rice, Wheat, Pulses & Coarse Cereals, respectively. President of India will give away the awards on 10th February, 2014. Commendation awards will be given to 8 States for achieving production higher than their highest in last 5 years, viz., Uttar Pradesh and West Bengal in Foodgrains Category-I; Arunachal Pradesh, Meghalaya, Mizoram and Tripura in Foodgrains Category-III; Maharashtra in Rice; and Assam in Pulses. Punjab and Haryana are also being felicitated for achieving consistently high productivity in **Wheat and Rice** and their contribution to the national food security. This booklet includes the details of the awards, criteria adopted for selection of States and information on performance of the award winning States along with strategies adopted by them for increasing foodgrain production.

Department of Agriculture & Cooperation
Ministry of Agriculture
Government of India
New Delhi
1 Introduction

1.1 Backgrounds and Nature of Awards

1.2 Methodology/Criteria adopted for Screening of States.

1.2.7 Performance ranking of shortlisted States under foodgrains, rice, wheat, pulses and coarse cereals (Table -1 to 5)

1.2.8 List of States that achieved highest production and productivity in food crops in 2012-13.

2 Profile of Krishi Karman Award Winning States:

Madhya Pradesh - Total Foodgrains - Category-I

Odisha- Total Foodgrains - Category-II.

Manipur- Total Foodgrains - Category-III.

Chhattisgarh - Rice

Bihar - Wheat

Jharkhand - Pulses

Andhra Pradesh - Coarse cereals

3. Profile of Commendation Award Winning States:

Uttar Pradesh -Total Foodgrains - Category-I

West Bengal -Total Foodgrains - Category-I

Arunachal Pradesh -Total Foodgrains - Category-III

Meghalaya -Total Foodgrains - Category-III

Mizoram-Total Foodgrains - Category-III

Tripura-Total Foodgrains - Category-III

Maharashtra - Rice

Assam -Pulses

Punjab - Sustained high productivity in Rice & Wheat

Haryana- Sustained high productivity in Rice & Wheat
Krishi Karman Awards for the Best Performing States for the year 2012-13

1. Introduction:

1.1 Background & Nature of Awards:

1.1.1 Krishi Karman Awards were instituted in the year 2010-11 to reward best performing States in total foodgrains production and individual crops of Rice, Wheat, Pulses and Coarse Cereals. The objective of these awards is to encourage and motivate the States to enhance production and productivity of Rice, Wheat, Coarse Cereals and Pulses and thereby Total Foodgrains.

1.1.2 There are 7 awards, including three for States with highest foodgrains production in three identified categories (Category I – where production is >10 million tonnes; Category II – where production is between 1 - 10 million tonnes; and Category III - where production is <1 million tonnes) and four awards for highest production under each of the crops Rice, Wheat, Pulses and Coarse Cereals. The details of the States falling under different categories are as under:

<table>
<thead>
<tr>
<th>Group</th>
<th>Production (in million tonnes)</th>
<th>States</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group-I</td>
<td>&gt;10</td>
<td>Andhra Pradesh, Bihar, Haryana, Karnataka, Madhya Pradesh, Maharashtra, Punjab, Rajasthan, Uttar Pradesh and West Bengal</td>
</tr>
<tr>
<td>Group-II</td>
<td>1-10</td>
<td>Assam, Chhattisgarh, Gujarat, Himachal Pradesh Jammu &amp; Kashmir, Jharkhand, Odisha, Tamil Nadu and Uttarakhand.</td>
</tr>
<tr>
<td>Group-III</td>
<td>&lt;1</td>
<td>All other States.</td>
</tr>
</tbody>
</table>

However, no grouping of States has been done for Rice, Wheat, Pulses and Coarse Cereals.

1.1.3 In addition to above, during 2012-13, Commendation Awards will also be given to States which achieved production and productivity higher in 2012-13 over their previous highest in 5 years, yet could not qualify for Krishi Karman Awards.

1.1.4 Award amount will be Rs. 2 crores for total foodgrains categories and Rs. 1 crore for individual crop categories. The amount of Commendation Award will be Rs. 25 lakh for each State. The Awards would be distributed by the President of India in the inaugural ceremony of the World Congress on Agro Forestry 2014 at New Delhi on 10th February, 2014.

1.1.5 For the year 2012-13, the Krishi Karman and Commendation Awards are being given to the following States:
Krishi Karman Awards -

Total Foodgrains Category-I : Madhya Pradesh
Total Foodgrains Category-II : Odisha
Total Foodgrains Category-III : Manipur
Rice : Chhattisgarh
Wheat : Bihar
Pulses : Jharkhand
Coarse Cereals : Andhra Pradesh

Commendation Awards –

Foodgrains Category-I : Uttar Pradesh, West Bengal
Foodgrains Category-III : Arunachal Pradesh, Meghalaya, Mizoram and Tripura
Rice : Maharashtra
Pulses : Assam

Besides, Punjab and Haryana have also been selected for Commendation Awards for achieving consistently high productivity in Wheat and Rice cultivation and contribution to national food security.

1.2 Methodology/ Criteria adopted for Screening of the States:

1.2.1 A Screening Committee for selecting States for Awards has been constituted under the chairmanship of Secretary (A&C), comprising of following members:

- DDG (CS), ICAR - Member
- Agriculture Commissioner - Member
- ESA - Member
- Joint Secretary (RKVY) - Member
- Joint Secretary (Extn.) - Member
- Joint Secretary (Crops) - Member Secretary

1.2.2 Selection of States for awards was done in 2 steps. For Total Foodgrains Categories-I & II, States’ performance was assessed on weightage card of 80 points initially on the following criteria:

(i) Percentage increase in production in 2012-13 over the previous highest in the State in last 5 years (2007-08 to 2011-12);
(ii) Percentage increase in productivity in 2012-13 over the previous highest in the State in the last 5 years (2007-08 to 2011-12);
(iii) Percentage of actual production of 2012-13 that was procured;
(iv) Percentage of expenditure incurred under Crop Development Programmes such as NFSM, BGREI and INSIMP in 2012-13; and
(v) Percentage increase in productivity of State over all India productivity of 2012-13.

For Total Food Grains **Category-III**, performance was assessed on weightage card of 80 points on the following criteria:

(i) Percentage increase in production in 2011-12 over the previous highest in the State in last 4 years (2007-08 to 2010-11) (due to non-availability of Fourth Advance Estimates for 2012-13).

(ii) Percentage increase in productivity in 2011-12 over the previous highest in State in last 4 years (2007-08 to 2010-11);

(iii) Product of production share of State and change over highest production in the State in last five years; and

(iv) Percentage of expenditure under Crop Development Programmes in 2012-13.

1.2.3 In case of individual crops of Rice and Wheat, performance was assessed on weightage card of 80 points on the criteria of:

(i) Percentage increase in production in 2012-13 over the previous highest in the States in last 5 years (2007-08 to 2011-12);

(ii) Percentage increase in productivity in 2012-13 over the previous highest in the State in last 5 years (2007-08 to 2011-12);

(iii) Percentage of actual production of 2012-13 procured in respect of individual crop;

(iv) Percent increase in productivity of State over all India productivity during 2012-13;

(v) Percentage of expenditure against allocation under Crop Development Programmes in 2012-13.

1.2.4 In case of individual crops of Pulses and Coarse Cereals, since there is no procurement of these commodities, alternate criteria adopted on weightage card of 80 points is as below:

(i) Percentage increase in production in 2012-13 over the previous highest in the State in last 5 years (2007-08 to 2011-12);

(ii) Percentage increase in productivity in 2012-13 over the previous highest in the State of last 5 years (2007-08 to 2011-12);

(iii) Product of production share of the State and change over highest production in the State in last five years;

(iv) Percentage increase in productivity in State over all India productivity during 2012-13; and

(v) Percentage increase in expenditure against allocation under Crop Development Programmes in 2012-13.
1.2.5 The Screening Committee examined the States’ presentations in the final round of selection and awarded remaining 20 points based on the following criteria:

(i) Strategies and measures taken during 2012-13 for enhancing agricultural production and productivity, future plans & road map for agriculture,
(ii) New innovations/initiatives adopted and experiences in up-scaling the same,
(iii) Effective coordination with line Departments,
(iv) Participation and presentation.

1.2.6 The parameters and their respective weightage for assessment of performance for selection of States for Krishi Karman Awards is as follows:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Criteria</th>
<th>Weightage for: Total Food Grains Category-I and II</th>
<th>Total Food Grains Category-III</th>
<th>Rice and Wheat</th>
<th>Pulses and Coarse Cereals</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Increase in production over the previous highest in the State in the last five years.</td>
<td>25</td>
<td>30</td>
<td>25</td>
<td>25</td>
</tr>
<tr>
<td>2</td>
<td>Increase in productivity over the previous highest in the State in the last five years (Except for Category-III).</td>
<td>15</td>
<td>20</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>3</td>
<td>Proportion of actual production of State procured in 2012-13.</td>
<td>15</td>
<td>Not Applicable</td>
<td>15</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>4</td>
<td>Progress of expenditure incurred under food grains development programmes - NFSM and sub schemes of RKVY, i.e., BGREI (only for Rice and Food grains Category-I) &amp; INSIMP (except for Rice, Wheat and Pulses).</td>
<td>10</td>
<td>15</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>5</td>
<td>Increase in productivity in State over all India productivity of 2012-13.</td>
<td>15</td>
<td>Not Applicable</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>6</td>
<td>Product of production share of the State and change over highest production in the State in last five years.</td>
<td>Not Applicable</td>
<td>15</td>
<td>Not Applicable</td>
<td>15</td>
</tr>
<tr>
<td>7</td>
<td>Significant initiatives taken by State.</td>
<td>20</td>
<td>20</td>
<td>20</td>
<td>20</td>
</tr>
</tbody>
</table>

The States selected under one group/category for Award were not considered for another Award in other categories.
Graph-1: Criteria Adopted for selection of States.

**Total Food Grains Categories I and II**
- Production gain 25
- Yield gain 15
- Procurement 15
- Progress of expenditure 10
- Yield increase over all India average yield 0
- Production share into yield gain 0
- Significant initiatives taken by States 15

**Total Food Grains Category III**
- Production gain 30
- Yield gain 20
- Procurement 15
- Progress of expenditure 0
- Yield increase over all India average yield 15
- Production share into yield gain 0
- Significant initiatives taken by States 15
1.2.7 Agriculture Minister’s Krishi Karman Awards for progressive farmers (one male and one female) for States getting Krishi Karman Awards are also being given this year. Accordingly, the seven States getting Krishi Karman Awards have selected one male and one female farmer for the foodgrains/individual crop for which the State is receiving Krishi Karman Award. The award carries an award of Rs 1.00 lakh along with a PRASHASHTI PATRA.
### 1.2.8: Performance ranking of shortlisted states under foodgrains, rice, wheat, pulses and coarse cereals (Table 1 to 5):

#### Table 1: Performance ranking of shortlisted States under Total Foodgrains category of Krishi Karman Award.

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>State</th>
<th>% Increase in Production over State’s previous Highest</th>
<th>Score</th>
<th>% Increase in Productivity over State’s previous Highest</th>
<th>Score</th>
<th>% of Production Procured</th>
<th>Score</th>
<th>% Expenditure on crop development schemes</th>
<th>Score</th>
<th>% Increase in Productivity over all India average</th>
<th>Score</th>
<th>Initiatives taken by States</th>
<th>Total Score (4+6+8+10+12+13)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Madhya Pradesh</td>
<td>14.82</td>
<td>20</td>
<td>9.74</td>
<td>5</td>
<td>45.59</td>
<td>10</td>
<td>95.39</td>
<td>10</td>
<td>(-) 22.02</td>
<td>0</td>
<td>18</td>
<td>63</td>
</tr>
<tr>
<td>2</td>
<td>Bihar</td>
<td>11.22</td>
<td>20</td>
<td>11.01</td>
<td>10</td>
<td>10.25</td>
<td>3</td>
<td>94.91</td>
<td>10</td>
<td>9.60</td>
<td>3</td>
<td>13</td>
<td>59</td>
</tr>
<tr>
<td>3</td>
<td>Punjab</td>
<td>(-) 1.12</td>
<td>0</td>
<td>(-) 2.43</td>
<td>0</td>
<td>70.80</td>
<td>15</td>
<td>56.33</td>
<td>2</td>
<td>100.38</td>
<td>15</td>
<td>13</td>
<td>45</td>
</tr>
<tr>
<td>4</td>
<td>Haryana</td>
<td>9.68</td>
<td>0</td>
<td>(-) 4.67</td>
<td>0</td>
<td>56.20</td>
<td>10</td>
<td>58.08</td>
<td>2</td>
<td>74.02</td>
<td>10</td>
<td>12</td>
<td>34</td>
</tr>
<tr>
<td>5</td>
<td>Andhra Pradesh</td>
<td>12.22</td>
<td>0</td>
<td>(-) 4.68</td>
<td>0</td>
<td>59.19</td>
<td>10</td>
<td>76.07</td>
<td>5</td>
<td>23.11</td>
<td>3</td>
<td>12</td>
<td>30</td>
</tr>
<tr>
<td>6</td>
<td>Uttar Pradesh</td>
<td>1.10</td>
<td>5</td>
<td>1.96</td>
<td>3</td>
<td>6.64</td>
<td>3</td>
<td>80.54</td>
<td>8</td>
<td>19.86</td>
<td>3</td>
<td>0</td>
<td>22</td>
</tr>
<tr>
<td>7</td>
<td>West Bengal</td>
<td>1.32</td>
<td>5</td>
<td>2.50</td>
<td>3</td>
<td>11.07</td>
<td>3</td>
<td>54.73</td>
<td>2</td>
<td>27.58</td>
<td>3</td>
<td>0</td>
<td>16</td>
</tr>
</tbody>
</table>

#### Category II (Total Foodgrains)

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>State</th>
<th>% Increase in Production over State’s previous Highest</th>
<th>Score</th>
<th>% Increase in Productivity over State’s previous Highest</th>
<th>Score</th>
<th>% of Production Procured</th>
<th>Score</th>
<th>% Expenditure on crop development schemes</th>
<th>Score</th>
<th>% Increase in Productivity over all India average</th>
<th>Score</th>
<th>Initiatives taken by States</th>
<th>Total Score (4+6+8+10+12+13)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Odisha</td>
<td>2.57</td>
<td>5</td>
<td>11.73</td>
<td>10</td>
<td>47.28</td>
<td>10</td>
<td>90.23</td>
<td>10</td>
<td>(-) 21.98</td>
<td>0</td>
<td>18</td>
<td>53</td>
</tr>
<tr>
<td>2</td>
<td>Chhattisgarh</td>
<td>8.17</td>
<td>10</td>
<td>6.32</td>
<td>5</td>
<td>71.17</td>
<td>15</td>
<td>81.22</td>
<td>8</td>
<td>(-) 28.75</td>
<td>0</td>
<td>13</td>
<td>51</td>
</tr>
<tr>
<td>3</td>
<td>Tamil Nadu</td>
<td>(-) 38.00</td>
<td>0</td>
<td>(-) 31.21</td>
<td>0</td>
<td>10.93</td>
<td>3</td>
<td>97.64</td>
<td>10</td>
<td>2.35</td>
<td>3</td>
<td>18</td>
<td>34</td>
</tr>
<tr>
<td>4</td>
<td>Jharkhand</td>
<td>2.63</td>
<td>5</td>
<td>3.50</td>
<td>3</td>
<td>6.53</td>
<td>3</td>
<td>78.46</td>
<td>5</td>
<td>(-) 12.42</td>
<td>0</td>
<td>13</td>
<td>29</td>
</tr>
<tr>
<td>5</td>
<td>Assam</td>
<td>(-) 2.45</td>
<td>0</td>
<td>7.15</td>
<td>5</td>
<td>0.43</td>
<td>3</td>
<td>89.37</td>
<td>8</td>
<td>(-) 11.11</td>
<td>0</td>
<td>13</td>
<td>29</td>
</tr>
</tbody>
</table>

#### Scoring criteria

<table>
<thead>
<tr>
<th>Production</th>
<th>Productivity</th>
<th>Procurement</th>
<th>% Increase in productivity over all India average</th>
<th>% Expenditure on crop development schemes</th>
<th>Maximum Score for initiatives taken by States</th>
</tr>
</thead>
<tbody>
<tr>
<td>% Increase</td>
<td>Score</td>
<td>% Increase</td>
<td>Score</td>
<td>% Procurement</td>
<td>Score</td>
</tr>
<tr>
<td>&gt;15%</td>
<td>25</td>
<td>&gt;15%</td>
<td>15</td>
<td>&gt; 60%</td>
<td>15</td>
</tr>
<tr>
<td>10 - 15%</td>
<td>20</td>
<td>10 - 15%</td>
<td>10</td>
<td>40-59%</td>
<td>10</td>
</tr>
<tr>
<td>5 - 10%</td>
<td>10</td>
<td>5 - 10%</td>
<td>5</td>
<td>20-39%</td>
<td>6</td>
</tr>
<tr>
<td>0 - 5%</td>
<td>5</td>
<td>0 - 5%</td>
<td>3</td>
<td>&lt; 20%</td>
<td>3</td>
</tr>
</tbody>
</table>
### Category-III

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>State</th>
<th>% Increase in Production over State's previous Highest</th>
<th>Score</th>
<th>% Increase in Productivity over State's previous Highest</th>
<th>Score</th>
<th>% Expenditure on crop development schemes</th>
<th>Score</th>
<th>Product of Production share of the States &amp; change over highest production</th>
<th>Score</th>
<th>Score for initiatives taken by States</th>
<th>Total Score (4+6+8+10+11)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Manipur</td>
<td>12.89</td>
<td>25</td>
<td>4.35</td>
<td>5</td>
<td>100.00</td>
<td>15</td>
<td>235.71</td>
<td>10</td>
<td>15</td>
<td>70</td>
</tr>
<tr>
<td>2</td>
<td>Mizoram</td>
<td>1.64</td>
<td>5</td>
<td>10.91</td>
<td>15</td>
<td>100.00</td>
<td>15</td>
<td>3.06</td>
<td>3</td>
<td>14</td>
<td>52</td>
</tr>
<tr>
<td>3</td>
<td>Tripura</td>
<td>2.46</td>
<td>5</td>
<td>1.28</td>
<td>5</td>
<td>101.02</td>
<td>15</td>
<td>49.00</td>
<td>3</td>
<td>13</td>
<td>41</td>
</tr>
<tr>
<td>4</td>
<td>Arunachal Pradesh</td>
<td>8.63</td>
<td>10</td>
<td>6.25</td>
<td>10</td>
<td>66.21</td>
<td>2</td>
<td>85.50</td>
<td>5</td>
<td>0</td>
<td>27</td>
</tr>
<tr>
<td>5</td>
<td>Nagaland</td>
<td>(-) 0.32</td>
<td>0</td>
<td>0.95</td>
<td>5</td>
<td>100.00</td>
<td>15</td>
<td>(-) 4.90</td>
<td>0</td>
<td>0</td>
<td>20</td>
</tr>
<tr>
<td>6</td>
<td>Meghalaya</td>
<td>4.14</td>
<td>5</td>
<td>3.54</td>
<td>5</td>
<td>40.32</td>
<td>2</td>
<td>28.18</td>
<td>3</td>
<td>0</td>
<td>15</td>
</tr>
</tbody>
</table>

### Scoring criteria

<table>
<thead>
<tr>
<th>Production</th>
<th>Productivity</th>
<th>Product of Production share of the States &amp; change over highest production</th>
<th>% Expenditure on crop development schemes</th>
<th>Maximum Score for initiatives taken by States</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>% Increase</td>
<td>Score</td>
<td>% Increase</td>
<td>Score</td>
<td>% Score</td>
<td>Score</td>
</tr>
<tr>
<td>&gt; 15%</td>
<td>30</td>
<td>&gt; 15%</td>
<td>20</td>
<td>&gt; 250%</td>
<td>15</td>
</tr>
<tr>
<td>10 -15%</td>
<td>25</td>
<td>10 -15%</td>
<td>15</td>
<td>150-250%</td>
<td>10</td>
</tr>
<tr>
<td>5 -10%</td>
<td>10</td>
<td>5 -10%</td>
<td>10</td>
<td>50-150%</td>
<td>5</td>
</tr>
<tr>
<td>0 -5%</td>
<td>5</td>
<td>0 -5%</td>
<td>5</td>
<td>&lt; 50%</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Score: 20
Table 2: Performance ranking of shortlisted States under Rice for Krishi Karman Award

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>State</th>
<th>% increase in Production over State’s previous Highest</th>
<th>Score</th>
<th>% increase in Productivity over State’s previous Highest</th>
<th>Score</th>
<th>% Expenditure on crop development schemes</th>
<th>Score</th>
<th>% increase in Productivity over all India average</th>
<th>Score</th>
<th>% of Production Procured</th>
<th>Score</th>
<th>Initiatives taken by States</th>
<th>Total Score (4+6+8+10+12+13)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Madhya Pradesh</td>
<td>24.59</td>
<td>25</td>
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<td>13</td>
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<td>5</td>
<td>4.28</td>
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Note: Since MP and Odisha have already been selected for Foodgrains Category-I & Category-II, respectively, Chhattisgarh is selected for Rice.

Scoring criteria:

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<tr>
<th>Production</th>
<th>Productivity</th>
<th>Procurement</th>
<th>% increase in productivity over all India average</th>
<th>% Expenditure on crop development schemes</th>
<th>Maximum Score for initiatives taken by States</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>% Increase</td>
<td>Score</td>
<td>% Increase</td>
<td>Score</td>
<td>% Procurement</td>
<td>Score</td>
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<td>25</td>
<td>&gt;15%</td>
<td>15</td>
<td>&gt;60%</td>
<td>15</td>
<td>&gt;80%</td>
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<td>10-15%</td>
<td>10</td>
<td>40-59%</td>
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<td>&gt;50-80%</td>
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<td>10</td>
<td>5-10%</td>
<td>5</td>
<td>20-39%</td>
<td>6</td>
<td>&gt;30-50%</td>
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<td>0-5%</td>
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<td>&lt;20%</td>
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Table 3: Performance ranking of shortlisted States under Wheat for Krishi Karman Award

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>State</th>
<th>% Increase in Production over State’s previous Highest</th>
<th>Score</th>
<th>% Increase in Productivity over State’s previous Highest</th>
<th>Score</th>
<th>% Expenditure on crop development schemes</th>
<th>Score</th>
<th>% Productivity Increase over all India average</th>
<th>Score</th>
<th>% of production Procured</th>
<th>Score</th>
<th>% of initiatives taken by States</th>
<th>Total Score (4+6+8+10+12+13)</th>
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<td>5.00</td>
<td>5</td>
<td>90.61</td>
<td>10</td>
<td>(-) 20.55</td>
<td>0</td>
<td>48.39</td>
<td>10</td>
<td>18</td>
<td>63</td>
</tr>
<tr>
<td>2</td>
<td>Bihar</td>
<td>13.76</td>
<td>20</td>
<td>10.02</td>
<td>10</td>
<td>101.37</td>
<td>10</td>
<td>(-) 22.19</td>
<td>0</td>
<td>0.00</td>
<td>0</td>
<td>13</td>
<td>53</td>
</tr>
<tr>
<td>3</td>
<td>Haryana</td>
<td>(-) 12.37</td>
<td>0</td>
<td>(-) 11.49</td>
<td>0</td>
<td>98.60</td>
<td>10</td>
<td>42.74</td>
<td>6</td>
<td>52.83</td>
<td>10</td>
<td>12</td>
<td>38</td>
</tr>
<tr>
<td>4</td>
<td>Punjab</td>
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<td>(-) 6.64</td>
<td>0</td>
<td>68.32</td>
<td>2</td>
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<td>6</td>
<td>67.66</td>
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<td>13</td>
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<td>Uttar Pradesh</td>
<td>0.03</td>
<td>5</td>
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<td>0</td>
<td>93.03</td>
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<td>(-) 0.19</td>
<td>0</td>
<td>2.25</td>
<td>3</td>
<td>0</td>
<td>18</td>
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Note: Since Madhya Pradesh has already been selected for Foodgrains (Category-I), Bihar is selected for Wheat.

Scoring criteria

<table>
<thead>
<tr>
<th>Production</th>
<th>Productivity</th>
<th>Procurement</th>
<th>% Increase in productivity over all India average</th>
<th>% Expenditure on crop development Schemes</th>
<th>Maximum score for initiatives taken by States</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>% Increase</td>
<td>Score</td>
<td>% Increase</td>
<td>Score</td>
<td>% Procurement Score</td>
<td>Strategy &amp; measures taken</td>
<td>Score</td>
</tr>
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<td>&gt;15%</td>
<td>25</td>
<td>&gt;15%</td>
<td>15</td>
<td>&gt; 60%</td>
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<td>5</td>
</tr>
<tr>
<td>10 -15%</td>
<td>20</td>
<td>10 -15%</td>
<td>10</td>
<td>40-59%</td>
<td>10</td>
<td>8</td>
</tr>
<tr>
<td>5 -10%</td>
<td>10</td>
<td>5 -10%</td>
<td>5</td>
<td>20-39%</td>
<td>6</td>
<td>5</td>
</tr>
<tr>
<td>0 -5%</td>
<td>5</td>
<td>0 -5%</td>
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</table>

Total 20
### Table 4: Performance ranking of shortlisted States under Pulses for Krishi Karman Award

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>State</th>
<th>% increase in Production over State’s previous Highest</th>
<th>Score</th>
<th>% increase in Productivity over State’s previous Highest</th>
<th>Score</th>
<th>% Expenditure on crop development schemes</th>
<th>Score</th>
<th>% Productivity increase over all India average</th>
<th>Score</th>
<th>Product of Production share of the States &amp; change over highest production</th>
<th>Score</th>
<th>Initiatives taken by States</th>
<th>Total Score (4+6+8+10+12+13)</th>
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<tbody>
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<td>424.53</td>
<td>15</td>
<td>18</td>
<td>76</td>
</tr>
<tr>
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<td>Jharkhand</td>
<td>44.39</td>
<td>25</td>
<td>22.03</td>
<td>15</td>
<td>77.91</td>
<td>5</td>
<td>37.40</td>
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<td>143.17</td>
<td>5</td>
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<td>74.60</td>
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<td>58</td>
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<td>3</td>
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<td>13</td>
<td>46</td>
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<tr>
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<td>76.63</td>
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<td>102.87</td>
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<td>0</td>
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<td>33</td>
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<td>Tamil Nadu</td>
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**Note:** Since Madhya Pradesh has already been selected for Foodgrains (Category -I), Jharkhand is selected for Pulses.

### Scoring criteria

<table>
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<tr>
<th>Production</th>
<th>Productivity</th>
<th>Product of Production share of the States and change over highest production</th>
<th>% increase in productivity over all India average</th>
<th>% Expenditure on crop development schemes</th>
<th>Maximum Score for initiatives taken by States</th>
<th>Score</th>
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<tbody>
<tr>
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<td>% increase</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>Score</td>
<td>%</td>
</tr>
<tr>
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<td>≥15%</td>
<td>&gt;250 %</td>
<td>≥80%</td>
<td>90-100%</td>
<td>15</td>
<td>&gt;50-80%</td>
</tr>
<tr>
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<td>10-15%</td>
<td>150-250%</td>
<td>≥30-50%</td>
<td>70-80%</td>
<td>10</td>
<td>&lt;70%</td>
</tr>
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<td>5-10%</td>
<td>50-150%</td>
<td>&gt;30-50%</td>
<td>70-80%</td>
<td>6</td>
<td>&lt;70%</td>
</tr>
<tr>
<td>0-5%</td>
<td>0-5%</td>
<td>&lt;50%</td>
<td>&lt;30%</td>
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0x0

11
Table 5: Performance ranking of shortlisted States under Coarse Cereals for Krishi Karman Award

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>State</th>
<th>% Increase in Production over State's previous Highest</th>
<th>Score</th>
<th>% Increase in Productivity over State’s previous Highest</th>
<th>Score</th>
<th>% Expenditure on crop development schemes</th>
<th>Score</th>
<th>% Productivity increase over all India average</th>
<th>Score</th>
<th>Product of Production share of the States &amp; change over highest production</th>
<th>Score</th>
<th>Initiatives taken by States</th>
<th>Total Score (4+6+8+10+12+13)</th>
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<td>13</td>
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<td>138.13</td>
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<td>26</td>
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</table>

Note: Since Bihar has already been selected for Wheat, Andhra Pradesh is selected for Coarse Cereals.

Scoring criteria

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<th>Production</th>
<th>Productivity</th>
<th>Product of Production share of the States and change over highest production</th>
<th>Increase in productivity over all India average</th>
<th>% Expenditure on crop development schemes</th>
<th>Maximum score for initiatives taken by States</th>
<th>Score</th>
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<td>Score</td>
<td>%</td>
<td>Score</td>
<td>% Increase</td>
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<td>&gt;25%</td>
<td>15</td>
<td>&gt;80%</td>
</tr>
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<td>10-15%</td>
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<td>10-15%</td>
<td>10</td>
<td>150-250%</td>
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<td>&gt;50-80%</td>
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<td>50-150%</td>
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<td>0-5%</td>
<td>3</td>
<td>&lt;50%</td>
<td>3</td>
<td>&lt;30%</td>
</tr>
</tbody>
</table>
### List of the States that achieved highest production and productivity in food crops in 2012-13.

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>State</th>
<th>Production (Lakh Tonnes)</th>
<th>Productivity (Kg/ha)</th>
<th>Type of Award given</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>2012-13 (4th Advance Estimates of DES)</td>
<td>Previous Highest in last five years</td>
<td>% increase</td>
</tr>
<tr>
<td>1.</td>
<td>Madhya Pradesh</td>
<td>203.95 (2011-12)</td>
<td>234.17</td>
<td>14.82</td>
</tr>
<tr>
<td></td>
<td></td>
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</tr>
<tr>
<td>2.</td>
<td>Bihar</td>
<td>140.47 (2011-12)</td>
<td>166.24</td>
<td>11.22</td>
</tr>
<tr>
<td>3.</td>
<td>Uttar Pradesh</td>
<td>502.84 (2011-12)</td>
<td>508.38</td>
<td>1.10</td>
</tr>
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</tr>
<tr>
<td>4.</td>
<td>West Bengal</td>
<td>162.96 (2008-09)</td>
<td>165.11</td>
<td>1.32</td>
</tr>
<tr>
<td></td>
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</tr>
<tr>
<td>5.</td>
<td>Odisha</td>
<td>81.43 (2007-08)</td>
<td>83.53</td>
<td>2.57</td>
</tr>
<tr>
<td></td>
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<td></td>
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<tr>
<td>6.</td>
<td>Chhattisgarh</td>
<td>70.55 (2010-11)</td>
<td>76.32</td>
<td>8.17</td>
</tr>
<tr>
<td>7.</td>
<td>Jharkhand</td>
<td>41.89 (2008-09)</td>
<td>42.99</td>
<td>2.63</td>
</tr>
<tr>
<td></td>
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</tr>
<tr>
<td>11.</td>
<td>Mizoram *</td>
<td>0.67 (2010-11)</td>
<td>0.68</td>
<td>1.64</td>
</tr>
<tr>
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</tr>
<tr>
<td>12.</td>
<td>Tripura *</td>
<td>7.12 (2010-11)</td>
<td>7.30</td>
<td>2.46</td>
</tr>
<tr>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

* Production and productivity of these States relate to 2011-12 instead of 2012-13 due to non availability of 4th Advance Estimates of 2012-13
<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>State</th>
<th>Production (Lakh Tonnes)</th>
<th>Productivity (Kg/ha)</th>
<th>Type of Award</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Previous Highest in last five years</td>
<td>2012-13 (4th Advance Estimates of DES)</td>
<td>% Increase</td>
</tr>
<tr>
<td>14.</td>
<td>Madhya Pradesh</td>
<td>22.27 (2011-12)</td>
<td>27.75</td>
<td>24.59</td>
</tr>
<tr>
<td>15.</td>
<td>Maharashtra</td>
<td>29.96 (2007-08)</td>
<td>30.42</td>
<td>1.54</td>
</tr>
<tr>
<td>16.</td>
<td>Odisha</td>
<td>75.41 (2007-08)</td>
<td>76.40</td>
<td>1.31</td>
</tr>
<tr>
<td>17.</td>
<td>Bihar</td>
<td>71.63 (2011-12)</td>
<td>73.36</td>
<td>2.42</td>
</tr>
<tr>
<td>18.</td>
<td>Jharkhand</td>
<td>34.20 (2008-09)</td>
<td>30.27 (-) 11.51</td>
<td></td>
</tr>
<tr>
<td>19.</td>
<td>Bihar</td>
<td>47.25 (2011-12)</td>
<td>53.75</td>
<td>13.76</td>
</tr>
<tr>
<td>20.</td>
<td>Madhya Pradesh</td>
<td>115.39 (2011-12)</td>
<td>131.33</td>
<td>13.82</td>
</tr>
<tr>
<td>21.</td>
<td>Jharkhand</td>
<td>4.12 (2011-12)</td>
<td>5.95</td>
<td>44.39</td>
</tr>
<tr>
<td>22.</td>
<td>Madhya Pradesh</td>
<td>43.05 (2009-10)</td>
<td>49.61</td>
<td>15.72</td>
</tr>
<tr>
<td>24.</td>
<td>Bihar</td>
<td>5.38 (2010-11)</td>
<td>5.41</td>
<td>0.67</td>
</tr>
<tr>
<td>25.</td>
<td>Assam</td>
<td>0.70 (2010-11)</td>
<td>1.21</td>
<td>72.61</td>
</tr>
<tr>
<td>26.</td>
<td>Andhra Pradesh</td>
<td>47.16 (2008-09)</td>
<td>54.41</td>
<td>15.37</td>
</tr>
<tr>
<td>27.</td>
<td>Madhya Pradesh</td>
<td>24.67 (2011-12)</td>
<td>25.27</td>
<td>2.44</td>
</tr>
<tr>
<td>30.</td>
<td>Chhattisgarh</td>
<td>2.32 (2010-11)</td>
<td>2.45</td>
<td>5.52</td>
</tr>
<tr>
<td>31.</td>
<td>West Bengal</td>
<td>4.04 (2009-10)</td>
<td>4.35</td>
<td>7.57</td>
</tr>
</tbody>
</table>
2. Profile of Krishi Karman Award Winning States
Krishi Karman Award for Best Performing State under Total Foodgrains Category-I
(States with production > 10 million tonnes)

Achievements in Production & Productivity

- Highest production & productivity of foodgrains at 234.17 lakh tonnes and 1657 kg/ha, respectively during 2012-13 against previous highest production & productivity of 203.95 lakh tonnes and 1510 kg/ha, respectively in 2011-12.
- Highest production and productivity of wheat at 131.33 lakh tonnes and 2478 kg/ha during 2012-13 against previous highest production & productivity of 115.39 lakh tonnes and 2360 kg/ha in 2011-12.
- Highest production and productivity of rice at 27.75 lakh tonnes and 1474 kg/ha during 2012-13 against previous highest production & productivity of 22.27 lakh tonnes and 1340 kg/ha of 2011-12.
- Highest production and productivity of pulses at 49.81 lakh tonnes and 938 kg/ha during 2012-13 against previous highest production & productivity of 43.05 lakh tonnes and 871 kg/ha of 2009-10.
- Highest production and productivity of coarse cereals at 25.27 lakh tonnes and 1541 kg/ha during 2012-13 against previous highest production & productivity of 24.67 lakh tonnes and 1397 kg/ha of 2011-12.

Initiatives

- Enhancement of area under assured canal irrigation from 9.71 lakh ha during 2010-11 to 22.13 lakh during 2012-13;
- Bringing fallow land under cultivation;
- 5.22 lakh ha area brought under System of Rice Intensification (SRI);
- Increase in storage capacity from 79 lakh MT in 2010-11 to 98 lakh MT in 2012-13;
- 31.16 lakh temporary power connections provided in the last three years during Rabi season;
- Separate power feeder for agriculture with power supply of 10 hours per day;
- Replacement of traditional broadcasting system of sowing of crops with line sowing in 11 lakhs/ha in Bundelkhand and Baghelkhand region;
- Timely delivery of farm advisories through mobile SMS in local language;
- Constitution of Krishi Cabinet for ensuring better coordination with line departments;
- Substantial increase in area and production of hybrid maize in tribal areas;
- Implementation of 139 Yantradoot Grams (fully mechanised villages).

Chief Minister : Shri Shivraj Singh Chouhan
Agriculture Minister : Shri Gauri Shankar Bisen
Agriculture Production Commissioner : Shri M. M. Upadhyay
Principal Secretary (Agriculture) : Shri Rajesh Rajora
Director (Agriculture) : Dr. D. N. Sharma
Krishi Karman Award for Best Performing State under Total Foodgrains Category II (States with production 1 to 10 million tonnes)

Achievements in Production & Productivity

- Highest production & productivity of foodgrains at 83.53 lakh tonnes and 1658 kg/ha during 2012-13 against previous highest production & productivity of 81.43 lakh tonnes and 1484 kg/ha in 2007-08.
- Highest production & productivity of rice at 76.40 lakh tonnes and 1897 kg/ha during 2012-13 against previous highest production & productivity of 75.41 lakh tonnes and 1694 kg/ha in 2007-08.

Initiatives

- Conferring industry status to agriculture with exclusive budget;
- Enhancement of investment in agriculture sector;
- Bringing additional 30,000 ha area under assured irrigation through establishment of 14,719 Private Lift Irrigation Points (PLIPs);
- Incentivising adoption of line sowing and line transplanting;
- E-pest surveillance and need based plant protection measures and management of acidic soils, etc;
- Registering 897 farmers’ crop varieties & establishment of a gene bank to preserve invaluable germplasm for future use;
- Increase in cropping intensity through community bore wells and use of plastic drum seeders.
- Large scale farm mechanisation through simplified IT enabled system and increased subsidy;
- On line fund management and farmers’ health insurance.

Chief Minister : Shri Naveen Patnaik
Agriculture Minister : Shri Devi Prasad Mishra
Principal Secretary (Agriculture) : Shri Rajesh Verma
Director of (Agriculture) : Shri R. S. Gopalan
Krishi Karman Award for Best Performing State under Total Foodgrains Category III (States with production < 1 million tonnes)

Achievements in Production & Productivity

- Highest production & productivity of foodgrains at 6.69 lakh tonnes and 2397 kg/ha during 2011-12 against previous highest production of 5.93 lakh tonnes during 2010-11 and productivity of 2297 kg/ha in 2007-08.

Initiatives

- Promotion of multiple cropping with a rice based cropping pattern of Rice-Rice-Mustard/Pea/Potato;
- Use of lime as soil ameliorant;
- Popularisation of organic farming in all the districts;
- River lift irrigation and lift irrigation from Loktak Lake provided to the nearby fields during Kharif, 2012;
- Supply of 573 water pump sets and construction of 250 farm ponds in 2012-13;
- Promotion of hybrid paddy through System of Rice Intensification (SRI) and composite nurseries;
- Promotion of pulses in upland paddy area and other fallows;
- Popularisation of zero tillage cultivation of field pea in valley areas.

Chief Minister : Shri O. Ibobi Singh
Agriculture Minister : Mohd. Abdul Nasir
Commissioner (Agriculture) : Shri Rajesh Agarwal
Director (Agriculture) : Dr. G. Shamu Kabui
Krishi Karman Award for Best Performing State under Rice Category

Achievements in Production & Productivity

- Highest production & productivity of foodgrains at 76.32 lakh tonnes and 1514 kg/ha during 2012-13 against previous highest production & productivity of 70.55 lakh tonnes and 1424 kg/ha in 2010-11.
- Highest production & productivity of rice at 66.09 lakh tonnes and 1746 kg/ha during 2012-13 against previous highest production & productivity of 61.59 lakh tonnes and 1663 kg/ha in 2010-11.
- Highest production & productivity of pulses at 6.37 lakh tonnes and 714 kg/ha during 2012-13 against previous highest production & productivity of 5.38 lakh tonnes and 624 kg/ha in 2010-11.
- Highest production & productivity of coarse cereals at 2.45 lakh tonnes and 928 kg/ha during 2012-13 against previous highest production & productivity of 2.32 lakh tonnes and 826 kg/ha in 2010-11.

Initiatives

- Emphasis on line sowing of paddy through direct seeded rice with weedicide application;
- Increase in area under transplanting/System of Rice Intensification (SRI);
- Promotion of early/mid-duration rice varieties to ensure timely sowing of rabi crops;
- Expansion of area under hybrid rice;
- Cultivation of arhar on rice bunds;
- Utilisation of rice fallows for pulses and expansion of area through pulses as inter-cultivation of crop;
- Increase in financial assistance for energisation of irrigation pumps;
- Reduction in rate of interest for crop loans from 3% to 1% per annum;
- Provision of financial assistance up to Rs. 10.00 lakh for establishing improved agriculture implements custom hiring centres;
- Construction of fertiliser godowns;
- Procurement of 72.69% of rice produced during 2012-13.

Chief Minister: Dr. Raman Singh
Agriculture Minister: Shri Brij Mohan Aggrawal
Addl. Chief Secretary & Agriculture Production Commissioner: Shri Ajay Singh
Director (Agriculture): Shri P. R. Kridutta
Krishi Karman Award for Best Performing State in Wheat

Achievements in Production & Productivity

- Highest production & productivity of foodgrains at 156.24 lakh tonnes and 2329 kg/ha during 2012-13 against previous highest production & productivity of 140.47 lakh tonnes and 2098 kg/ha in 2011-12.
- Highest production & productivity of rice at 73.36 lakh tonnes and 2260 kg/ha during 2012-13 against previous highest production & productivity of 71.63 lakh tonnes and 2155 kg/ha in 2011-12.
- Highest production & productivity of wheat at 53.75 lakh tonnes and 2427 kg/ha during 2012-13 against previous highest production & productivity of 47.25 lakh tonnes and 2206 kg/ha in 2011-12.
- Highest production & productivity of pulses at 5.41 lakh tonnes and 1026 kg/ha during 2012-13 against previous highest production of 5.38 lakh tonnes during 2010-11 & productivity of 975 kg/ha of 2011-12.
- Highest production & productivity of coarse cereals at 23.71 lakh tonnes and 3296 kg/ha during 2012-13 against previous highest production & productivity of 17.51 lakh tonnes and 2577 kg/ha in 2008-09.

Initiatives

- Promotion of line sowing of wheat through System of Wheat Intensification (SWI) method and zero tillage;
- Scaling up area under green manuring and demand based vermi compost programme;
- Assured power supply of minimum 6 hours per day for agriculture;
- Assured canal irrigation till tail end;
- Management of weeds in wheat cultivation through promoting weedicides and weedicides;
- CM's Crash Seed Programme for providing foundation seeds to 2 farmers in each revenue village at 90% subsidy to increase SRR;
- Formation of agricultural cabinet involving 18 departments and organising regular meetings under the chairmanship of Chief Secretary.

Chief Minister : Shri Nitish Kumar
Agriculture Minister : Shri Narendra Singh
Agriculture Production Commissioner : Shri Jai Ram Lal Meena
Principal Secretary (Agriculture) : Shri Vivek Kumar Singh
Director (Agriculture) : Shri M. Sarvanan
Krishi Karman Award for Best Performing State in Pulses

Achievements in Production & Productivity

- Highest production & productivity of foodgrains at 42.99 lakh tonnes and 1861 kg/ha during 2012-13 against previous highest production of 41.89 lakh tonnes during 2008-09 & productivity of 1798 kg/ha in 2011-12.
- Highest productivity of rice at 2238 kg/ha during 2012-13 against previous highest of 2131 kg/ha of 2011-12.
- Highest production & productivity of pulses at 5.95 lakh tonnes and 1080 kg/ha during 2012-13 against previous highest production & productivity of 4.12 lakh tonnes & 885 kg/ha during 2011-12.
- Highest production & productivity of coarse cereals at 4.10 lakh tonnes and 1636 kg/ha during 2012-13 against previous highest production of 3.86 lakh tonnes during 2007-08 & productivity of 1443 kg/ha during 2011-12.

Initiatives

- Arrangement of timely supply of quality seed to farmers;
- Seed production programme taken up in 380 seed villages with 1840 farmers;
- Adoption of System of Rice Intensification (SRI);
- Launching awards for adoption of SRI at Block/District/State level;
- Involvement of PACS/LAMPS for paddy procurement;
- Providing revolving fund to seed villages;
- Launching Mukhya Mantri Kisan Cards by District Level cooperative banks;
- 232 check dams constructed for creating additional irrigation in 5000 ha;
- Farmers portal and SMS service to 1.25 lakh farmers;
- Establishing Agricultural Technology Information Centres (ATIC) in each block.

Chief Minister : Shri Hemant Soren
Agriculture Minister : Shri Yogendra Saw
Secretary (Agriculture) : Dr. Nitin Kulkami
Director (Agriculture) : Shri Kamal Kishor Soan
Achievements in Production & Productivity

- Highest production of coarse cereals at 54.41 lakh tonnes during 2012-13 against previous highest of 47.16 lakh of 2008-09.

Initiatives:

- Establishment of 2,748 implement hiring stations to provide employment to rural youth;
- Implementation of Bhuchetana programme for soil testing based nutrient management with major thrust on micronutrients to increase productivity of major rainfed crops;
- Free power supply to 32.04 lakh agricultural consumers in the State for betterment of farming community;
- Assured power supply to agriculture sector for minimum 7 hours per day;
- Implementation of Rythusari Scheme to provide interest free crop loan up to one lakh to all farmers and Pavala Vaddi crop loan from Rs. 1.00 to 3.00 lakh, if repaid in time with rabi season of 2011;
- Up to date online data on NFSM website for 2012-13;
- Establishment of 5,892 Post Harvest Procurement centres at village panchayat level to support marketing facilities;
- Supply of rotavators and power tillers to improve soil conditions.

Chief Minister: Shri N. Kiran Kumar Reddy
Agriculture Minister: Shri Kanna Lakshmi Narayana
Principal Secretary (Agriculture): Shri Anil Chandra Punetha
Commissioner (Agriculture): Shri K. Madhusudana Rao
3. Profile of Commendation Award

Winning states
Commendation Award for Total Foodgrains in Category- 1

Achievements in Production & Productivity

• Highest production & productivity of foodgrains at 508.38 lakh tonnes and 2547 kg/ha during 2012-13 against previous highest production & productivity of 502.84 lakh tonnes and of 2498 kg/ha in 2011-12.
• Highest production & productivity of rice at 144.13 lakh tonnes and 2459 kg/ha during 2012-13 against previous highest production & productivity of 140.22 lakh tonnes and of 2358 kg/ha in 2011-12.
• Highest production of wheat at 303.02 lakh tonnes during 2012-13 against previous highest of 302.93 lakh tonnes during 2011-12.
• Highest productivity of Pulses at 1030 kg/ha during 2012-13 against previous highest of 993 kg/ha during 2011-12.
• Highest production & productivity of coarse cereals at 36.90 lakh tonnes and 1845 kg/ha during 2012-13 against previous highest production & productivity of 35.66 lakh tonnes & 1753 kg/ha during 2011-12.

Initiatives

• Promotion of line sowing of paddy through drum seeder;
• Promotion of line sowing in wheat in Eastern UP;
• Encouraging balanced use of fertiliser as per soil testing and use of organic and bio-fertiliser like PSB culture;
• Promotion of bio pesticide/bio agents to minimise residual effect of PP chemicals;
• Organisation of Kisan Mahotsav in each district for transfer of new technologies;
• Encouraging projects in PPP mode for technology dissemination, extension activities, soil testing, seed, micro nutrient & farm implements;
• Providing ATMA Sandesh and Krishi Chintan magazines to farmers;
• Honouring leading farmers on Kisan Samman Divas at district & State levels.

Agriculture Minister : Shri Anand Singh
Principal Secretary (Agriculture) : Shri Debashish Panda
Director (Agriculture) : Dr. D. M. Singh
Commendation Award for Total Foodgrains in Category - I

Achievements in Production & Productivity

• Highest production & productivity of foodgrains at 165.11 lakh tonnes and 2711 kg/ha during 2012-13 against previous highest production of 162.96 lakh tonnes during 2008-09 & productivity of 2645 kg/ha during 2011-12.
• Highest production & productivity of pulses at 2.08 lakh tonnes and 937 kg/ha during 2012-13 against previous highest production and productivity of 1.76 lakh tonnes & 898 kg/ha during 2010-11.
• Highest production & productivity of coarse cereals at 4.35 lakh tonnes and 3586 kg/ha during 2012-13 against previous highest production of 4.04 lakh tonnes during 2009-10 & productivity of 3565 kg/ha during 2010-11.

Initiatives:

• Farm mechanisation with zero/till seed drills/seed drills to utilise residual moisture for timely sowing of wheat and pulses;
• Expansion of inter cropping, mixed cropping, relay cropping of pulses and maize in low lying rice fallows and upland field, respectively during rabi season;
• Expansion of irrigation potential, reducing gap between irrigation potential created and irrigation potential utilised through micro irrigation and reduction of conveyance losses;
• One time assistance of Rs. 8,000/-per electric connection to agriculture water lifting pumps up to 5 HP;
• One time assistance up to Rs. 5,000/-benefitting 30,000 farmers for purchasing small implements;
• Seed multiplication for expansion of non-basmati aromatic rice;
• Stress on popularisation of organic farming;
• Strengthening/renovation of government agriculture farms for quality seed production.

Agriculture Minister : Shri Malay Ghatak
Secretary (Agriculture) : Shri Subrata Biswas
Director (Agriculture) : Dr. P. Bhattacharyya
Commendation Award for Total Foodgrains in Category -II

Achievements in Production & Productivity

• Highest production & productivity of foodgrains at 3.62 lakh tonnes and 1767 kg/ha during 2011-12 against previous highest production & productivity of 3.34 lakh tonnes and 1663 kg/ha in 2010-11.
• Highest production & productivity of rice at 2.55 lakh tonnes and 2065 kg/ha during 2011-12 against previous highest production & productivity of 2.34 lakh tonnes and 1925 kg/ha in 2010-11.
• Highest production & productivity of coarse cereals at 0.91 lakh tonnes and 1321 kg/ha during 2011-12 against previous highest production & productivity of 0.85 lakh tonnes and 1268 kg/ha during 2010-11.

Initiatives

• Launching of Chief Minister's Agriculture Mechanisation Programme.
• Organising cluster demonstrations on rice.
• Use of HYVs seed.
• Revamping of extension services through ATMA programme and capacity building of extension functionaries on climate resilient agriculture through integrated farming system approach.
• Introduction of one year vocational training on planning, production and management of agribusiness for rural unemployed youths.
• Skill development on value addition, packing and post harvest management for stakeholders.

Agriculture Minister : Shri Setong Sena
Commissioner Agriculture & Horticulture : Shri Hage Kojeen
Director (Agriculture) : Shri Hage Kano
Commendation Award for Total Foodgrains in Category - III

Achievements in Production & Productivity

- Highest production & productivity of foodgrains at 2.49 lakh tonnes and 1873 kg/ha during 2011-12 against previous highest production & productivity of 2.39 lakh tonnes and 1809 kg/ha in 2009-10.
- Highest production & productivity of rice at 2.17 lakh tonnes and 1988 kg/ha during 2011-12 against previous highest production & productivity of 2.07 lakh tonnes and 1912 kg/ha in 2010-11.

Initiatives

- Increased SRR of HYVs & Hybrids;
- Improved cultivation practices in rice through transplanting/SRI demonstrations and weed management;
- Adoption of SRI, HYVs & Hybrids leading to increased yield of rice;
- Advance preparation of seed plans and setting up of seed banks in village clusters.

Chief Minister and Agriculture & Horticulture Minister: Dr. Mukul Sangma
Principal Secretary (Agriculture): Shri P. Kharkongor
Director Agriculture- In charge: Smt. D. Syieiong
Commendation Award for Total Foodgrains in Category - III

Achievements in Production & Productivity

• Highest production & productivity of foodgrains at 0.68 lakh tonnes and 1382 kg/ha during 2011-12 against previous highest production & productivity of 0.67 lakh tonnes and 1246 kg/ha in 2010-11.
• Highest production & productivity of rice at 0.54 lakh tonnes and 1411 kg/ha during 2011-12 against previous highest production & productivity of 0.47 lakh tonnes and 1160 kg/ha in 2010-11.

Initiatives

• Expansion of rice area through land development and under Wet Rice Cultivation (WRC);
• Expansion of area under HYVs/hybrid rice;
• Revitalising capacity building of the farmers through Farmers Field Schools (FFS);
• Distribution of 200 power tillers and 440 mini power tillers in 2012-13;
• Construction of water harvesting structures under NFSM and RKVY for increasing cropping intensity;
• Launching campaign for seed treatment;
• Introduction of Modified National Agricultural Insurance Scheme (MNAIS) to cover crop losses.
Commendation Award for Total Foodgrains in Category - III

Achievements in Production & Productivity

- Highest production & productivity of foodgrains at 7.30 lakh tonnes and 2620 kg/ha during 2011-12 against previous highest production & productivity of 7.12 lakh tonnes and 2587 kg/ha of 2010-11.
- Highest production & productivity of rice at 7.18 lakh tonnes and 2700 kg/ha during 2011-12 against previous highest production & productivity of 7.03 lakh tonnes and 2655 kg/ha in 2010-11.

Initiatives

- Promotion of System of Rice Intensification (SRI) and Integrated Pest Management (IPM);
- Timely sowing of boro paddy;
- Application of lime as ameliorant in acidic soils;
- Promotion of organic farming, especially in aromatic rice and aromatic moong;
- Promotion of farm mechanisation;
- Productivity enhancement through adoption of pulse based crop rotation;
- Installation of 1081 mini deep tube wells to provide irrigation in 5000 ha.

Agriculture Minister: Shri Aghore Debbarma
Additional Chief Secretary (Agriculture): Shri V. K. Bahuguna
Director (Agriculture): Dr. Abdul Haque
Commendation Award for Rice

Achievements in Production & Productivity

• Highest production & productivity of rice at 30.42 lakh tonnes and 1964 kg/ha during 2012-13 against previous highest production of 29.96 lakh tonnes during 2010-11 & productivity of 1903 kg/ha during 2007-08.

Initiatives

• Encouraged farmers to take up community nurseries on raised bed.
• Launched special drive to use soil health cards for balanced use of fertilisers.
• Launched special drive for timely supply of inputs and seed treatment campaigns.
• Organisation of cluster demonstrations on hybrid rice & SRI.
• Distribution of improved & HYV seeds for enhancing SRR.
• Organising of food festival for sale of rice, other cereals and pulses directly by farmers to consumers.

Agriculture Minister: Shri Radhakrishna Eknathrao Vikhe Patil
Additional Chief Secretary (Agriculture): Shri Sudhir Kumar Goel
Commissioner (Agriculture): Dr. Uma Kant Dangat
Director of Agriculture, Extension & Training: Dr. S. S. Adsul
Commendation Award for Pulses

Achievements in Production & Productivity

- Highest production & productivity of pulses at 1.21 lakh tonnes and 582 kg/ha during 2012-13 against previous highest production of 0.70 lakh tonnes during 2010-11 & productivity of 573kg/ha during 2011-12.

Initiatives

- Area expansion of pulses;
- Distribution of quality seeds;
- Additional 0.71 lakh hectares area under assured irrigation through installation of pumps;
- Establishment of agro service centres/agricultural machinery repairing centres;
- Construction of rural godowns with capacity of 3000 MT and grain storage of 9000 MT;
- Engagement of State Agency in procurement of paddy for first time in 2012-13;
- Additional farm power of 0.11 HP/ha generated in 2012-13 through distribution of tractors, power tillers and pump sets;
- Agriculture credit to 2.66 lakh farmers through KCCs;
- Establishment of 250 mini dal mills.

Agriculture Minister : Shri Nilamani Sen Deka
Principal Secretary (Agriculture) : Shri V. K. Pipersenia
Director (Agriculture) : Dr. K. Borkakati
Commendation Award for Sustained High Productivity in Rice & Wheat

- Largest contributor of foodgrains to Central Pool;
- Highest productivity of wheat, paddy and total foodgrains in the country;
- Seed treatment of wheat;
- Launched campaign for control of termite;
- Area expansion under summer moong;
- Promotion of laser land levelers, happy seeders, zero till machines;
- Relay planting of wheat in cotton;
- Effective monitoring of yellow rust;
- In-situ crop residue management through zero tillage.

Chief Minister & Agriculture Minister: Shri Prakash Singh Badal
Financial Commissioner (Development): Shri Suresh Kumar
Commissioner of Agriculture: Dr. B. S. Sidhu
Commendation Award for Sustained High Productivity in Rice & Wheat

- Second largest contributor of foodgrains to the Central Pool;
- First rank in Basmati rice export;
- 100% treatment of certified seeds of Wheat;
- Promotion of resource conservation technology in Rice-wheat system;
- Promotion of relay sowing of Wheat in cotton;
- Promotion of DSR in Rice-wheat system;
- Promotion of summer Moong.

Agriculture Minister: Shri Paramvir Singh
Principal Secretary (Agriculture): Shri Roshan Lal
Director (Agriculture): Shri Brijendra Singh