Towards Organic Farming – Godhan Nyay Yojana in Chhattisgarh
Chhattisgarh’s Agriculture sector strength

- GVA of Agriculture and allied sector in the state is 21.2%¹
- Since 80% of population relies on agriculture, there is good scope for agro-based industries
- Total area under cultivation is 45.97L Ha for Kharif and 9.67L Ha² for Rabi Crop
- 138% cropping intensity

- Chhattisgarh is the Rice bowl of India and produces 19116 varieties of rice
- State is among top-4⁴ states in India with largest area under production of Paddy (2015-16)

- Production and productivity of key crops has been increasing for last few years⁵. Some listed below;

<table>
<thead>
<tr>
<th>Crop Name</th>
<th>Comparison Year</th>
<th>Production Growth</th>
<th>Productivity Growth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paddy</td>
<td>2013-14 to 2018-19</td>
<td>10.8%</td>
<td>7.58%</td>
</tr>
<tr>
<td>Maize</td>
<td>2013-14 to 2018-19</td>
<td>92.52%</td>
<td>6.07%</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>Crop Name</th>
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<th>Productivity Growth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fruits</td>
<td>2013-14 to 2018-19</td>
<td>29.87%</td>
<td>9.19%</td>
</tr>
<tr>
<td>Vegetables</td>
<td>2013-14 to 2018-19</td>
<td>26.7%</td>
<td>3.17%</td>
</tr>
</tbody>
</table>

Godhan Nyay Yojana
Chhattisgarh’s Agriculture sector strength

• **State’s strategic policies** are set to give the sector a major boost. The four pillars for ecological and climate-driven rural practices – **Rivulet Rejuvenation** (Narwa), **Cattle Management** (Garuwa), **Bio-Composting** (Ghuruwa), and **Backyard Nutrition Garden** (Badi) - **NGGB** represent needs of local people driving an environment-sensitive development roadmap.

• As per APEDA, 813,165 ha is currently under organic certification process.

• **State’s total fertilizer consumption** 10.81 Lakh MT in the year 2018, **consumption per ha.** is 152Kg/ha.

**Community contribution to paddy straw for Gothan**

**Vermicomposting**

**Godhan Nyay Yojana**
Agriculture Accolades

Awarded “Krishi Karman Award” in 2010-2011, 2012-2013, 2013-2014 for Paddy Production

Awarded “Krishi Karman Award” in 2014-2015 for Pulses Production

Awarded for highest increase in food grain production at the “India Today Agro Summit ” in June 2018

Selected for “Krishi Karman Award” in 2016-17 for Total Production

Awarded “Global Agriculture Leadership Award” in 2015 for ‘Best Agriculture State’

Awarded “Global Agriculture Leadership Award” in 2016 for ‘Best Horticulture State’

Awarded “Global Agriculture Leadership Award” in 2017 for ‘Best Fisheries State’

These awards have been presented by the Government of India

Godhan Nyay Yojana
About Narwa, Garuwa, Ghuruwa, Badi (NGGB)

**Narwa: Rivulet Rejuvenation**
- The drainage line recharge system from origin
- To facilitate increase in cropping intensity

**Garuwa: Cattle Management**
- Cattle productivity enhancement
- Prevent cattle from straying into fields

**Ghuruwa: Bio-Composting**
- To improve soil fertility through organic manure produced with farm residue and organic waste

**Badi: Backyard Nutrition Garden**
- Support additional income generation
- Fulfil the nutrition gaps
Objective of the Scheme

- Increasing usage of organic manure
- Ensuring availability of manure in rural areas
- Improving soil fertility
- Crop protection, increase area under double cropping
- Check on open grazing and stray cattle
- Increase in income of cattle rearers
- Leveraging the Self Help Group model
Process

Gothan Samiti

Cow dung collection

Pit Construction
Self Help Group/Herdsmen
Vermicompost Production

Quality Testing

Packaging & Storage

Local Farmers

Cooperative dept (LAMPS/PACS)
Agriculture Department
Horticulture Department
Forest Department
Urban Development Department
Village Industries & Sericulture Dept

Godhan Nyay Yojana

Cattle rearer

Godhan Mitra/ Sakhri

Cow dung collection
Scheme Implementation

**Agriculture Dept**
- Convergence with IGKV and NGOs for training SHGs, Gotham Committee
- Ensure production, quality testing and processing of vermicompost
- Conducting pilot, implementation, regular monitoring & handholding support
- Convergence with PKVY, RKVY, Badi scheme supply of vermi compost

**Panchayat & Rural Development**
- Construction of vermi pit through convergence with MGNREGA
- Convergence with State Rural Livelihood Mission for training of stakeholders

**Cooperative & Other Departments**
- Ensuring sale of compost to farmers through PACS & LAMPS
- Convergence with Forest, Horticulture, Urban Development, Sericulture and other departments for sale of compost
Scheme Progress (from 20 July to 31 August 2020)

- **Number of Linked Gothans**: 4,419
- **Total Number of Benefited Cattle Rearer**: 1.02 Lakh
- **Total Registered Cattle Rearer**: 4,390
- **Total Cowdung Purchased**: 6.35 Lakh (in Quintals)
- **Total Lakh**: 1.29 Lakh
Thank You