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### Examine the status of Gothan and Godhan Nyay Yojna in Chhattisgarh

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#### Abstract

The study aims to impact of gouthan and godhan nyay yojna Godhan Nyay Yojana in Chhattisgarh India. This scheme aims at boosting the rural economy by procuring cow dung at Rs 2 per kilogram from farmers and cattle rearers initially in the rural area later in the urban area too. The procuring of cow dung would be done at the Gouthan, the cowshed built at village panchayat level. After procuring the cow dung, the government would get the procured cow dung turned into vermicompost by Women Self-Help Group (WSHG) and later the organic manure would be sold to the farmer at ₹ 10 per kilogram, encouraging organic fertilizer and discouraging chemical one. The result of the study shows that out of total approved Gothans about 94.27 per cent Gothans were fully constructed and In Bilaspur Division there were maximum numbers (2231 Gothans) of Gothans. Maximum quantity (3003071 quintal) of cow dung were purchased under Durg Division and Maximum numbers of SHGs were in Mahasamund District; 1060 SHGs. In Khairagarh-Chhuhikhadan-Gandai District, there were highest 91.71 percent of sales of vermicompost.

**Keywords:** Vermicompost, Godhan Nyay Scheme, Gothan scheme, self-help group, cow dung

#### Introduction

Godhan Nyay Yojana' is the scheme launched on 21<sup>st</sup> July 2020, on the occasion of Hareli, the first festival of the state, by the Chhattisgarh government led by Bhupesh Baghel. the state government would procure cow dung at ₹ 2 per k.g. from the farmers and cattle rearers of the state which will lead to income as well as employment generation initially in the rural pocket later across the state. The procuring of cow dung would be done at the Gouthan, the cowshed built at village panchayat level (Readers' Blog by The Times of India, 2020) <sup>[1]</sup>. One may notice that our traditional farming systems were characterized by small and marginal farmers producing food and basic animal products for their families by using eco-friendly farming inputs farming was highly sustainable and the practices were fully organic and natural inputs (Bhattacharya and Chakrobarty, G. 2005) <sup>[4]</sup>.

#### Methodology

The primary goal of this study is to critically assess the Gothan and Godhan Nyay Scheme in light of the current situation. The study's foundation is secondary data that was gathered from numerous sources, and it is descriptive in nature. It makes use of previously published works of literature, research papers, news pieces, magazine articles, blogs, reference websites, and reports. The Objectives and importance of the Gothan and Godhan Nyay plan are covered in the first section. The number of Gothan constructed in the state, the number of SHGs work under the program, and the quantity of vermicompost purchased by various agencies are all covered in the second section. The

status of the Gothan and Godhan Nyay scheme is shown using descriptive statistics methods such as charts and tabular analysis.

#### Results and Discussion

Godhan Nyay Yojana is the scheme recently launched on 20 July 2020, on the occasion of Hareli, the first festival of the state by the Chhattisgarh Government. This scheme aims at boosting the rural economy by procuring cow dung at Rs 2 per kg from farmers and cattle rears. From stored dung in Gothan, Vermicompost is made by women SHGs. According to the demand, other items also made from cow dung like diya, flower case, vermi wash, compost, pot etc.

#### Status of Gothan in Chhattisgarh

##### (A) Total numbers of Gothans in Chhattisgarh

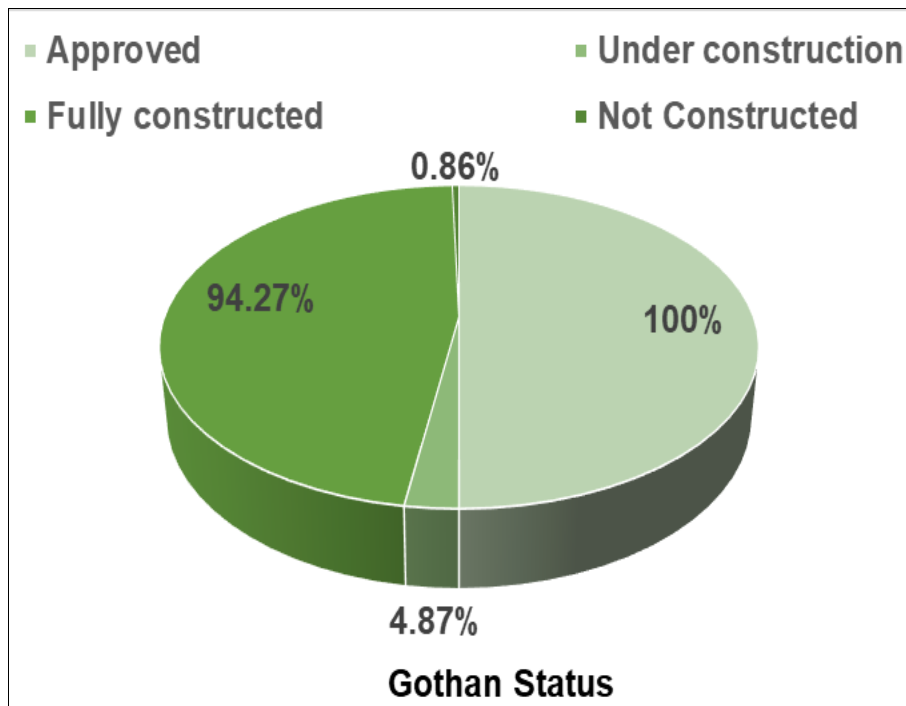
Total approved, under construction and constructed Gothans shown in table 1. Out of total approved Gothans about 94.27 per cent Gothans were fully constructed, 4.87 per cent Gothans were under constructed and 0.86 per cent Gothan was not Constructed.

**Table 1:** Total Number of Gothan in State

Gothan Status	Number	(%)
Approved	10642	100
Under construction	518	4.87
Fully constructed	10032	94.27
Not constructed	92	0.86

Source: www.nggb.cg.nic.in

Note: Data updated till 21/04/2023.



**Fig 1:** Gothan Status in Chhattisgarh

**(B) Details of Purchased Cow dung under the Scheme**

Table 2 present details of purchased cow dung in Chhattisgarh under Godhan Nyay Yojna. It was observed that in Bilaspur Division there were maximum numbers (2231 Gothans) of Gothans and maximum quantity

(3003071 quintal) of cow dung were purchased under Durg Division. The table also defines that under Raipur Division there were maximum per cent (68.62 percent) of cow dung distributed to Self Help Groups.

**Table 2:** Details of Purchased Cow dung under the Scheme

Division	Total Gothan	Total cow dung purchased (quintal)	Total group cow dung distribution (quintal)	% of cow dung distribution to group
Raipur	2084	2851883	1956897	68.62
Durg	2193	3003071	1506006	50.15
Bilaspur	2231	2614915	1517105	58.02
Sarguja	1883	1732817	952848	54.99
Bastar	1404	1073695	711202	66.24
Total	9795	11276382	6644059	58.92

Source: Department of Agriculture and Farmers Welfare Mantralaya Naya Raipur, Chhattisgarh, till 21/04/2023

**(C) Share of benefits of vermicompost under Godhan Nyay Yojna**

Table 3 clearly shows the share of benefits of vermicompost under Godhan Nyay Yojna. The selling price of vermicompost was currently 10 Rs. /Kg from which 5 Rs. /kg was given to samiti for buying cow dung for next vermicompost production. Rupee 0.65 per kg given to self

help groups for packaging, 0.50 Rupee per kg Large Area Multipurpose Society (LAMPS) / Primary Agriculture Credit Society (PACS) & Cooperative banks as commission charge. Out of the remaining 3.85 Rupee, self help groups and samiti's profits were in 85:15 ratios, which were Rupee 3.24 and 0.58 respectively.

**Table 3:** Share of benefits of vermicompost under Godhan Nyay Yojna

Particulars	Share of benefits (Rs/Kg)	(%)
Selling Price	10	100
Rupee given to samiti for buying Cow dung	5	50
Rupee given to SHGs for packaging	0.65	6.5
LAMPS/PACS & Cooperative banks commission	0.50	5.0
SHGs Commission	3.27	32.7
Samiti Commission	0.58	5.8

Note: SHGs: Self Help Groups; LAMPS: Large Area Multipurpose Society; PACS: Primary Agriculture Credit Society

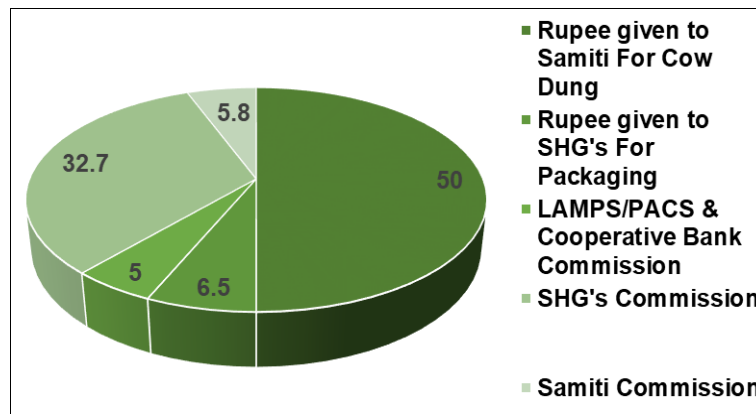


Fig 2: Share of benefits of vermicompost under Godhan Nyay Yojna

**(D) Details of Vermicompost Production and sale**

The table 4 depicts the production and sale of vermicompost under the Godhan Nyay Scheme, the production and sales of vermicompost was very high in Durg division compare to

other divisions. In Raipur division there were highest 78.58 per cent of sales and in Bastar Division there were lowest 72.93 percent of sales of vermicompost.

Table 4: Details of Vermicompost Production and sale under Scheme

District	Vermicompost		
	Production (quintal)	Sale (quintal)	percent of sale
Raipur	552885	434478	78.58
Durg	661421	499379	75.50
Bilaspur	628253	470815	74.94
Sarguja	403997	299271	74.08
Bastar	267535	195112	72.93
Total	2514091	1899051	75.53

Source: Department of Agriculture and Farmers Welfare Mantralaya Naya Raipur, Chhattisgarh (20/07/2020 to 21/04/2023)

**(E) Quantity of Vermicompost: Purchased by different agencies**

Table 5 presents details of cow dung purchasing agencies. It can be seen from the table that Chhattisgarh Department of Agriculture purchased highest quantity (10.19 percent) of

vermicompost followed by Chhattisgarh Rajya Sahakari Bank Mydt (6.04 percent), Directorate Horticulture and Farm Forestry (5.41 percent) and Forest Department (2.81 percent).

Table 5: Department wise information of purchased Vermicompost under the Scheme

Department	Vermicompost Sell (in Q.)	Vermicompost Sell Amount (in Rs. lakh)	(%) Total
CG Marketing Federation	4763	48.0	0.25
Chhattisgarh Rajya Krishi and Beej Vikas Nigam	5158	52.0	0.27
Directorate Horticulture & Farm Forestry	81692	814.0	5.41
Department of Panchayat and Social Welfare	4226	42.0	0.22
Department of Secondary Education	5298	53.0	0.28
Chhattisgarh Department of Agriculture	193965	1939.0	10.19
Indira Gandhi krishi Vishwavidyalaya	1851	19.0	0.09
Lauh Purush Sugar Plant Pandariya	1431	14.0	0.07
Panchayat and Rural Development	7659	77.0	0.40
Chhattisgarh Khadi & Village Industries Board	2258	22.0	0.12
Forest Department	52942	535.0	2.81
36 Incubation Center (AIC 36 Inc) Chhattisgarh	11189	112.0	0.59
Chhattisgarh Rajya Sahakari Bank Mydt.	114870	1149.0	6.04
Nursery	5313	53.0	0.28
Sericultutre	7685	77.0	0.40
Other	1402950	14030	72.57
Total	1903250	19036	100

Source: Department of Agriculture and Farmers Welfare Mantralaya Naya Raipur Chhattisgarh (20/07/2020 to 21/04/2023)

**Conclusion**

In the present study we focused on the Gothan and Godhan Nyay scheme implementing in Chhattisgarh. On the basis of the above study; we may conclude that out of total approved

Gothans about 94.27 per cent Gothans were fully constructed, 4.87 per cent Gothans were under constructed and 0.86 per cent Gothan was not Constructed. It was observed that in Bilaspur Division there were maximum

numbers of Gothans and maximum quantity of cow dung were purchased under Durg Division and under Raipur Division there were maximum per cent of cow dung distributed to Self Help Groups. Production and sale of vermicompost under the Godhan Nyay Scheme, the production and sales of vermicompost was very high in Durg division compare to other divisions. In Raipur division there were highest per cent of sales and in Bastar Division there were lowest percent of sales of vermicompost. Chhattisgarh Department of Agriculture purchased highest quantity of vermicompost. These schemes create new employment opportunity in rural areas and the implementation of the scheme also helps in stopping movement of cattle on the roads.

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