



Fourth Agricultural Road Map in Bihar: Moving towards Modernization in Agricultural an Economic Analysis

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ABSTRACT:

The efforts of agricultural road map in Bihar for the last 16 years have strengthened the agricultural economy. On the same foundation, the Government of Bihar intends to industrialize the agricultural activities of Bihar in the next 5 years. How positive this decision will be is the subject of this research. It is clear from the analysis.

Introduction:-

The pattern of economy of any state or country depends on the geographical pattern in that area. As will be the geography, so will be the pattern of economy of that area. Creating and running cultural and economic activities against the physical pattern is like against the flow of the river. It is like swimming. India is also an agricultural country, India has the largest amount of agricultural land in the world. Thus, 19% of India's economy comes from the agricultural sector. Especially the rural economy of India is completely based on agriculture and It is assigned to its related areas. The increasing population and expanding scope of economy in India no longer seems possible through traditional agricultural activities. There is a special need to increase agricultural production and productivity. For this, it is necessary to modernize and make agricultural activities export-oriented. In this context, it becomes necessary to give industrial, scientific and technical form to the agricultural format.

Located in India, the state of Bihar is completely dedicated to agricultural culture. After the division of Jharkhand, the mineral resources that had been supporting Bihar's economy for the last 24 years have been completely depleted. Intensive -subsistence agriculture was the first in Bihar. format was found, in

which the productivity rate was very low. Earlier the growth rate in the agriculture sector was only 3%, which today has increased to above 14%. The present Bihar government prepared the first agricultural road map in Bihar for five years in 2008 under the chairmanship of Prof. Dr. Mangal Rai, former chairman of the Indian Council of Agricultural Research. Under the chairmanship of Mangal Rai, the first agricultural road map in Bihar was prepared for five years. There was no other option to upgrade the agricultural economy of Bihar and to speed up the economy. Because mineral resources are available in small quantities in Bihar and there is no facility for business development. So far four agricultural road maps have been proposed.

In the presented research paper, the proposed works of this fourth agricultural road map will be reviewed. At the same time, the previous method of the previous three agricultural road maps will be presented. The fourth agricultural road map of Bihar has been proposed on 24 October 2023 for the future of India till 2028. President did it in Patna. The tradition of proposing the agricultural road map of Bihar has been done by the President of India only.



Research Objectives:

1. To tell about the agricultural road map of Bihar.
2. Throwing light on Bihar Agriculture Cabinet .
3. To explain the main tasks of the agricultural road map.
4. Analysis of Bihar's agricultural and allied sector moving towards industrialization.
5. Explaining innovation in the agricultural economy of Bihar.

Concept of research:-

1. There has been basic development of agricultural economy of Bihar in the last 16 years.
2. A new agricultural attitude has developed among the farmers of Bihar .
3. Bihar's agricultural product exports have started changing .
4. Agricultural activities are beginning to move into industrial formats .
5. There is a dish from Bihar in every plate of India .

Research Field:-

The research scope of the research paper is entire Bihar . But in some specific areas of Bihar, agricultural activities are developed to a high level. This area has been made the basis of analysis.

Research Method:-

In the presented research, mainly the field observation method has been used. To know the intentions of the farmers of the area, the questionnaire method has also been used as the basis of analysis.

Research Data:-

All the data of the presented research paper is secondary, which is basically taken from different versions of Agriculture Road Map. But the basic primary facts that emerged from field visit, observation and questionnaire were also basically included in the research analysis. Has been done

Importance of research:-

The importance of the presented research is that we will have information about the present form of agriculture in Bihar and will be able to discuss the future of agriculture in Bihar. It will be especially useful for the farmers .

Forms of research analysis:-

The research analysis of the presented research paper is being divided into many formats and areas. Conclusions have been included in the end.

Formation of Agriculture Cabinet and Agriculture Road Map:

The present government of Bihar has been ruling Bihar continuously since 2005. At that time, the agricultural growth rate of Bihar was around 3%. On the other hand, there is no other option other than strengthening the agricultural activities to strengthen the economy of Bihar. An agricultural cabinet was formed by combining 12 ministries of agriculture and its allied sectors, and collective thinking began to increase innovation and productivity in agriculture . In the same context, a global seminar was also held at the government level in the capital of Bihar. In the same context, a global seminar was also organized at the government level in Shri Krishna Memorial Hall, Gandhi Maidan, Patna, the capital of Bihar. About 65 thinkers from the country came and expressed their views for the development of Bihar. In 2008, former President of I.C.A.R., Prof. Dr. Mangla Jo It was similar to the white paper of agriculture of Bihar. While the second agricultural road map came in 2012, which was a strong draft towards self-reliance in the field of agriculture. The third agricultural road map 2017-22 came in which the focus was on increasing agricultural productivity and the development of agriculture. Regional and climatic patterns were observed. The Chief Minister of Bihar announced that one dish in every plate of India should be of agricultural produce of Bihar. Till now, the basic scientific pattern in the field of Bihar agriculture has been And there has been a change in the traditional agricultural attitude among the farmers. The fourth agricultural road map of Bihar has been proposed by the Bihar Agriculture Cabinet in 2023-28, in which the agricultural activities of Bihar are developed on a war footing and industrialized. It has been said that in the presented research paper this fourth agricultural road map is mainly highlighted .

Fourth agricultural road map and steps towards industrialization of agriculture of Bihar:-

As we know, the format of agriculture and its allied sectors is very large, which is the basis of the basic economy of Bihar. Under the fourth agricultural road map, every sector of agriculture is being linked with industrial development and scientific innovation. In the



agricultural model of Bihar, efforts are being made to increase the productivity of crops through new agricultural techniques. In this context, efforts are being made to promote cash crops, cultivated crops and plantation crops. Agricultural activities are being done at the village and panchayat level. Engaged in ongoing work. Basic decision has also been taken in the field of animal husbandry and fisheries. Promotion of fisheries on 90% subsidy and promotion of animal husbandry on 70% subsidy is a significant step in this sector. From fisheries and animal husbandry there is a possibility of increasing the frequency of health and nutrition in humans. To make villages self-reliant, N. G. There are indications of running a program of 'O' in which Jeevika and Angan Bari play the main roles. As we know, irrigation increases agricultural productivity by 6 percent. In this regard, Bihar Government is running Jal-Jivan Hariyali Program to irrigate every agricultural land. Under which the target of providing water to every agricultural area by taking out small water distributaries from major means of irrigation and canals has been set by 2028. Agriculture requires climate and soil conservation. For this also, plantation of trees is being done today. In 16 years, the environmental pollution in Bihar has doubled to 19%. Soil testing laboratories are being built at every block level so that scientific advice can be given to the farmers. Bihar has become self-sufficient in the production of power. Therefore, now the farmers Irrigation cost has reduced. In order to promote

agro-based uses like sugarcane industry, food processing industry and household industries at family level, Bihar government has given Rs. 10 lakh rupees to the people joining the industries of Bihar under the Chief Minister Udyami Yojana. There is a scheme to give rupee loan, which has now started being implemented. Here, there has been a rapid frequency of climate change for the last two decades, which is directly related to crop production. Bihar government selects crops and crops on the basis of climate. Has started developing the area. Due to which the agricultural productivity of Bihar has increased. There is a lot of potential for the development of food processing industry in Bihar. Which will become the support of the regional economy. Brand litchi, banana, mango are cultivated here in Bihar. It has been said to provide proper facilities for export at the government level. Bihar is dependent on Andhra Pradesh in the field of fisheries. Self-reliance has also been talked about in this direction. Formation of PACS for agricultural exchange is a high thinking. All the villages of Bihar have been connected by Varamasi road.

Arrangement of finance from Bihar's agricultural industrial sector:-

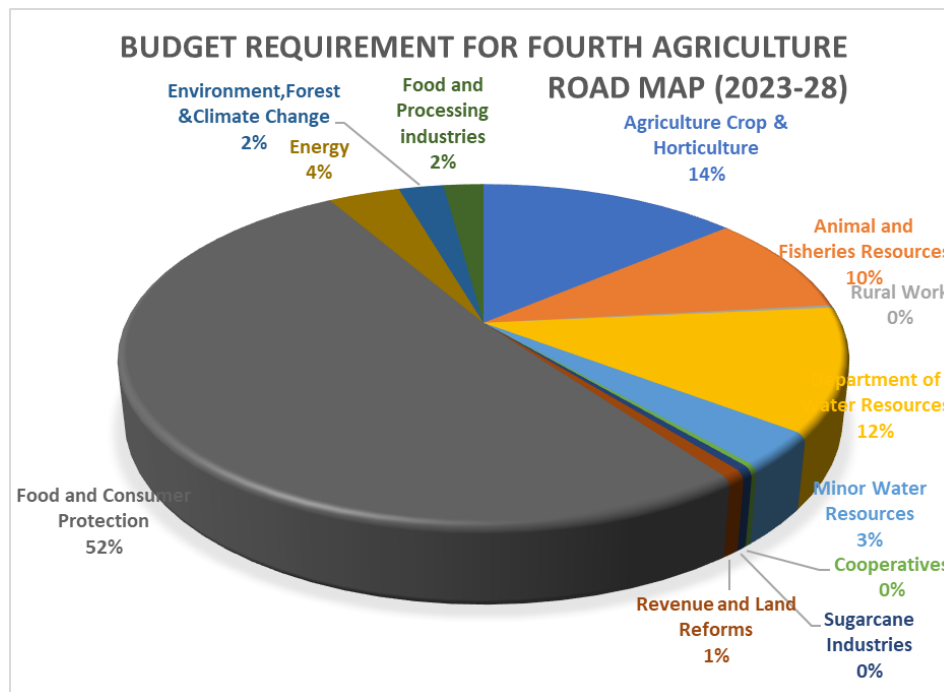
As we know, a large amount of finance is required for basic development. Bihar government is also ready for this. The budget to be spent on agriculture by Bihar government during 2023-28 is presented in the following table.

Budget requirement for Fourth Agriculture Road Map (2023-28)

Name of Departments	DPR	Ongoing schemes	Total (Amount in Crore Rs.)
Agriculture-Crop & Horticulture	11648.07	10718.11	22366.18
Animals and Fisheries Resources	13042.15	2307.25	15349.40
Rural Work	393.98	00	393.98
Department of Water Resources	500.00	18696.17	19196.17
Minor Water Resources	5308.00	00	5308.00
Cooperatives	00	444.50	444.50
Sugarcane Industries	63.25	666.69	729.94
Revenue and Land Reforms	13.53	1187.21	1200.75
Food and Consumer Protection	5630.94	78128.00	83766.94
Energy	6190.75	00	6190.75
Environment, Forest & Climate Change	3875.98	00	3875.98
Food and processing industries	3446.20	00	3446.20
Total	50120.85	112147.93	162268.78



Source:- Fourth Agriculture Road Map 2023-28



Thus, the appropriate Nazar number shows that agriculture will need development in every sector .

Conclusion:-

In this way, if we look at the research analysis, it seems that the agricultural environment of Bihar has changed today. The fire of hunger has succeeded in changing the agricultural attitude of Bihar. Especially the rural regional, local agricultural economy of Bihar is moving towards self-reliance. The biggest fact is that my Ph.D., the research thesis is in agriculture, hence the importance of reality and objectivity of this research analysis can be understood. If agriculture is to be developed in Bihar in the future, then the government will have to adjust with the local pattern. Bihar's performance in this field is Panchayati Raj Act can play a major role. There is a need for the development of agricultural machinery, agricultural products, agricultural seeds and fertilizers. In this field, the contributions of Prof. Ramgya Thakur, Prof. Rajendra Singh cannot be forgotten, which were four decades ago. Also contributed in the field of plant irrigation in agriculture of Bihar.

Reference list:-

- [1] Prof. Rashmi (2019), Agricultural Geography of Modern Bihar, Rajesh Publication New Delhi.
- [2] Dr. Anil (2022), Dimensions of Agriculture, Rajesh Publication New Delhi .
- [3] All four versions of the agricultural road map .
- [4] Bihar Agriculture Cabinet.
- [5] Water Resources Department.
- [6] Ministry of Agriculture, Government of Bihar.
- [7] Internet
- [8] Various Research Papers