

Women's Role in Agriculture

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Abstract

Among the various growing sectors, agriculture is one of the most important sector. In other way agriculture sector is the growing infusion of science and technology. In case of developing countries such as India, employ and hired women in agricultures but do not hired labours for rural women. Here in the present paper role of women in agriculture discussed wherein various important factors in agriculture are discussed. The different factors such as agriculture linked with economic growth, women contribution in agricultural operations performed by the labourers, energy and time distribution by rural women, different tasks women in agriculture, problem faced by women in agriculture, ratio of women in agriculture in percentage and their safety and health issues etc. The new policies are not plummeting the women labour ignorance as an integral part of agriculture sector. For the future scope different other factors can be discussed with agricultures such as dependence of agricultures in economics.

Keywords: Agriculture, Economic, Laboures, Women, Women Contribution

Introduction

The women play a crucial role in the field of agricultural. The women development in agriculture fields such as post-harvest operations, crop production, horticulture, livestock production, agro social, fisheries, etc[1]. The involvement of women varies widely among various ecological sub-zones, classes and stages in the family cycle. There are various studies and promotion in agricultural production, which women are not involved actively. The developed and developing countries promotes the study of women in agriculture. The main contribution of women in agriculture is more than as it acknowledge[2]. The women in agriculture plays a crucial role as they concern their role as mother, housewife etc. The Figure 1 shown the introduction of agriculture.

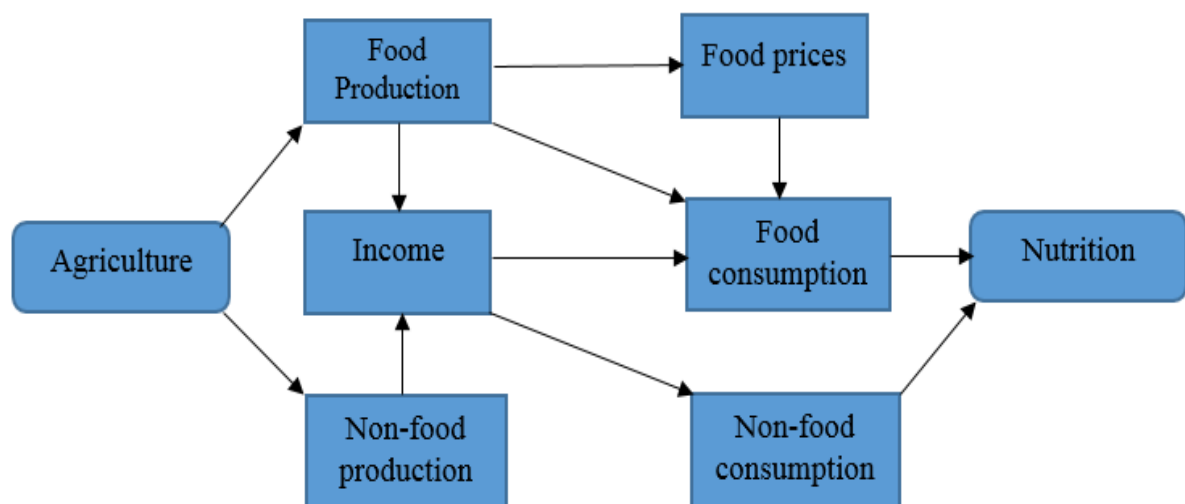


Figure 1: Introduction of Agriculture

The agriculture is the main sector for the countries such as India. In India around 72% population depends upon the agriculture sector for the earning. The agriculture sector provides the livelihood. The agriculture or farming

sector is important in India as it fulfils the needs of animals and humans. From the industries point of view, agriculture sector is the important source of raw materials. The industries such as agro based, farming etc. Figure 2 shown the women role in agriculture[3].

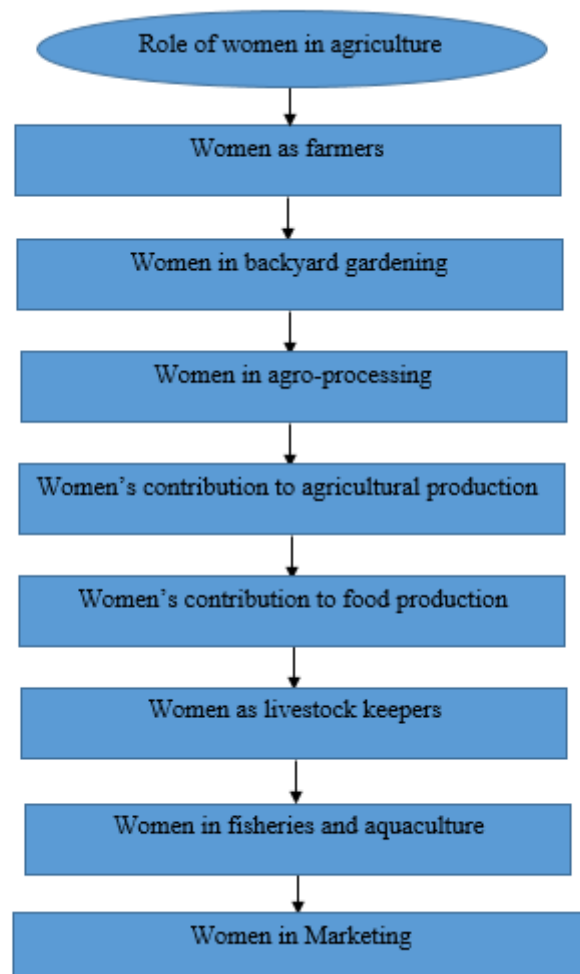


Figure 2: Women role in agriculture

The developing and developed countries have different geographical condition. India's geographical condition is unique for agricultural due to many favorable conditions. There is fertile soil, plain areas, wide variation in climate conditions etc[4]. Other than unique geographical conditions, India has innovative efforts by using science and technology to increase production.

1. The salient features of Indian agriculture:

- Subsistence population
- Mechanization of farming
- Variety of crops
- Seasonal patterns
- Pressure of population on agriculture
- Dependence upon Manson

- Predominance of food crops

The rural women play an important role in agriculture with different responsibilities in the field of agriculture. The responsibility that women are performing such as collecting dung, preparing dung cakes etc results to additional income for families. The women are also involved in activities like livestock, managing activities. The collection of farm yard manure, shed cleaning are also the activities majority of women involves, similarly man involves in the activities like taking care of animals that are not fit. It results the women work is dominating in the management activities. The majority of women also involves in poultry farming.

In the technology trend women are not able to use management techniques properly such as improved feed, vaccination etc. The women working on poultry farming are impressive and also growing with time. The other sources of income for rural women comes from poultry meat, sells egg etc. There are many women facing the health issue such as malnutrition due to lack of intake of proteins. The rural women cannot afford good protein rich food.

2. Research Question

What are women's task in Agriculture?

Problems faced by women in agriculture?

LITERATURE REVIEW

Dr. Basavaraj patil et al has given view in paper role of women in agriculture published in 2018 that there are different agendas related to women in agriculture has been discussed. There are different factors that needs to improve in agriculture field such as face the emerging challenges, fulfil the existing gap, sustainable development etc. the problems of women have been discussed in this paper, problems related to farm and home. The analysis of the factors that affecting the working of women in agriculture is discussed. The different new technologies discussed that helps women in growing empowerment and productivity. There are some steps that needs to be taken for the support of women in agriculture and aware them for the new technology. This project analyzed the women in different sectors with their roles on particular sector[5].

Diana fletscher et al explained in his paper rural women's access to financial services: Credit, saving and insurance published in 2011 that the women role in the field of agriculture. The women different essential strength role with new opportunities that are available for women. The different responsibilities, social norms, specific legal rights, control over other resources and women's access etc are such factors discussed in this paper. The problems that are faced by women are discussed. The study on new technology increases the performance and growth of women in the field of agriculture. The new technology changes are design of production in better form, change in financial services, development of new products etc[6].

Rao nitya et al explained in his paper women's agriculture work and nutrition in south Asia: From pathways to a cross-disciplinary grounded analytical frame work published in 2019 studies the women role in agriculture particularly the area of south Asia. From the study of different sectors finds a new technology in the field of agriculture that is Leveraging Agriculture for Nutrition in South Asia. If we compare the gender equality the agriculture linked with the nutrition pathway and direction of methodology for further work. In this study the main focus of women is on poverty, seasoning, and gender relations. The agriculture activity is also count as production processes and common set of activity[7].

METHODOLOGY

1. Design:

The role of women in agriculture strategy implementation concerns various design and structure of strategies to implement. The various factors have been discussed, analyzed and discussed the solutions of the problems. The

main factors discussed are agriculture linked with economic growth, women contribution in agricultural operations performed by the labourers, energy and time distribution by rural women, different tasks women in agriculture, problem faced by women in agriculture etc.

2. *Sample:*

For the study, among the various factors related to role of women in agricultures some of the main factors are selected. The different factors discussed are agriculture linked with economic growth, women contribution in agriculture operations performed by the labourers, presentation of women role in agriculture, involvement of women in farming etc.

3. *Data Collection and Analysis:*

The data for the women role in agriculture has been collected from the different sources of the technical research and review papers. The data has been collected for the women contribution in agricultures, involvement of women in agriculture etc. Different factors related to women in agriculture are selected, analyzed and discussed.

The women play aa important role in the field of agricultural. The women development in agriculture fields such as post-harvest operations, crop production, horticulture, livestock production, agro social, fisheries, etc. The involvement of women varies widely among various ecological sub-zones, classes and stages in the family cycle. There are various studies and promotion in agricultural production, which women are not involved actively. The developed and developing countries promotes the study of women in agriculture including livestock production, crop production, horticulture etc. The regardless of these variations, involves hardly any activity in agricultural production. The status of women in agriculture and rural areas vary. Table 1 shown the contribution of women in agriculture operation by the labourers.

Table 1: Women contribution in agricultural operations performed by the labourers

Wage labourer	49%
Work in own farm	17%
Works in own farm and also wage labourer	24%
Supervise farm work	10%

4. *Reason for women in Agriculture*[8]:

- For the eradicating poverty
- To increase their stake in agriculture
- Ownership in livestock and land
- For the assurance of food security
- For the higher contribution in economy

The Figure 3 shown the Agriculture linked with economic growth and Figure 4 shown the presentation of role of women in agriculture.

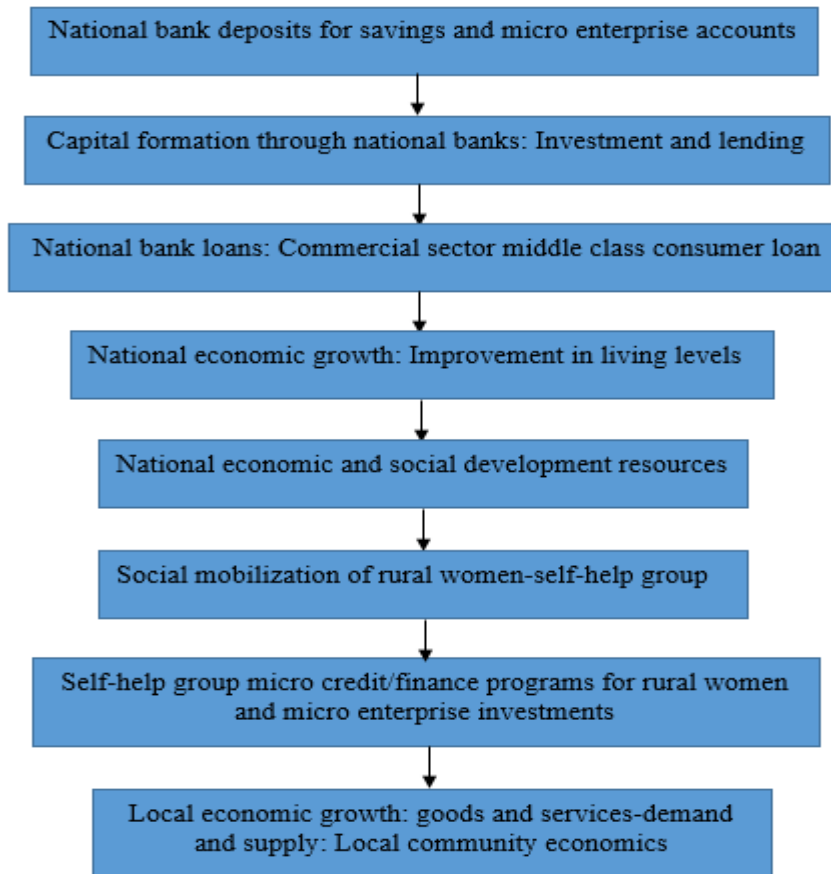


Figure 3: Agriculture linked with economic growth



Figure 4: Presentation of women role in agriculture

Table 2: Involvement of women in Agriculture (in %)

Quantity	Involvement (in %)
Land preparation	32
Intercultural activities	86
Sowing and cleaning	80
Harvesting, reaping, winnowing, cleaning, drying and	84

storage	
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The main importance of women in agriculture is to play a significant role in economy of particular country. The women are involves in various type of work in an unorganized bigger sectors, wherein large number of rural women take part actively[9]. The woman is the builder and moulder of any nation's destiny. The role of women in agriculture are the backbone of the rural scene. Table 2 shown the involvement of women in agriculture and Table 3 shown the energy and time distribution by rural women.

Table 3: Energy and time distribution by rural women

Activities	Percentage	Energy (in K.cal)	Duration (hours/day)
Domestic activities	40.5	903	7.55
Sleep	12.76	283	6.50
Agriculture allied activities	39.69	283	7.00
Rest and recreation	6.97	155	2.15
Total	100	2255	23.20

5. *Task of women in agriculture:*

- Women task in farming systems
- Women task in cash crop sector
- Women task in enterprises and employment
- Women task in labor participation
- Women task in biological diversity
- Women task in post-harvest sector
- Women task in heading household's production.

6. *Women faced problems in agriculture sector:*

- As the women remain unemployed, so they are willing to do jobs
- Women faced other problems also, as the wage-earning agriculture labours.
- Women inhibited to participate
- New jobs according to skills.
- Women's dual domestic and agricultural roles.
- Lack if incentives to increase productivity
- Lack of transfer of knowledge in agriculture from men to women.

Table 4: List of women of different sectors in agriculture

Total women population	662.9 Million
Total women workers	127 Million
Total women main workers	172Million
Total women marginal workers	54.62Million
Total women owner cultivator	41.28Million
Total women in organized sector	04.87Million
Total women household industry workers	12 Million
Total women agriculture wage workers	32 Million
Total women in other works	28.56Million
Total women in forestry, hunting, fishing etc.	02.78Million

There are various problems faced by women in agriculture as discussed above. To overcome such problems different suggestion are as follows: The different sectors have to promote the rural develop programs, education should be provided to women in rural areas, women should be part of motivate learning, impact knowledge, generate skill, women should participate in training conducted for women belongs to rural areas and good leadership should to promoted at the grass root level[10]. Table 4 shown the list of women of different sectors in agriculture. Figure 5 shown the graph of women in agriculture.



Figure 5: Graph of women in agriculture

The problems that are faced by women in agriculture such as: risk due to machinery, physical stress, physical injury, environment stress etc.

7. *There are different safety and health issues faced by women in agriculture:*

- Dangerous machinery
- Livestock-transmitted diseases
- Reproductive hazards
- Ergonomic adversaries
- Burden of family planning

Table 5: Different policies to improve the agricultural and economical status of women

Policies	Plans
Shift of welfare to developmental issues	6 th five year plan
Raising economic and social status of women	7 th five year plan
Increasing emphasis on economic activities	8 th five year plan
From development to empowerment	9 th five year plan
From women alone to gender mainstreaming	10 th five year plan
Propose to move towards a holistic approach	11 th five year plan

Table 5 shown the policies that improve the agricultural and economical position of women. The women role in agriculture have various contributions such as women are responsible for nutrition security and household food, work on transport and food storage is 80%, marketing and harvesting is more than 60%, hoeing and weeding in food production is 90%, post-harvest management including providing water is more than 90%, food processing and energy.

RESULTS & DISCUSSIONS

The research paper “role of women in agriculture” has been studied successfully. The different factors such as agriculture linked with economic growth, women contribution in agricultural operations performed by the labourers, energy and time distribution by rural women, different tasks women in agriculture, problem faced by women in agriculture, ratio of women in agriculture in percentage and their safety and health issues etc. The review depicts participation of women in the field of agriculture. The new policies are not plummeting the women labour ignorance as an integral part of agriculture sector.

CONCLUSION

The present paper “role of women in agriculture” discussed wherein various important factors in agriculture are discussed. The different factors such as agriculture linked with economic growth, women contribution in agricultural operations performed by the labourers, energy and time distribution by rural women, different tasks women in agriculture, problem faced by women in agriculture, ratio of women in agriculture in percentage and their safety and health issues etc. The systematic collate the analysis and trend of women participation in every area. The new policies are not plummeting the women labour ignorance as an integral part of agriculture sector. The entire research paper concluded that women participation in agriculture is increasing with time. The growth rate of participation of women in agriculture field is increasing but there are some solutions to the problems

faced by rural women in agriculture. For the future scope different other factors can be discussed with agricultures dependence on economy.

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