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# Socio Economic and Demographic Analysis of Bhitaha Village of Gorakhpur District, India

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#### Authors' contributions

This work was carried out in collaboration among all authors. All authors read and approved the final manuscript.

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#### **ABSTRACT**

The present study was conducted in Village Bhitaha, Block Khaijani, Tehsil Bansgaon, District Gorakhpur. The Data Collection based on Participatory Rural Appraisal (PRA) exercise, a meeting of the villagers along with the Sarpanch, Niab Sarpanch and Lamardar was conducted in the village for rapport building. In this research paper an attempt has been made to find out the actual socioeconomic status of rural population in different groups. Study shows that literacy rate in this area is 82.68 per cent, majority of the population belong to the schedule caste (218) and families (95 per cent) are marginal farmers, Paddy is the main kharif crop, while wheat is the main rabi crop and it shows the availability of various ICT tools in Bhitaha, including TVs, mobiles, computers/laptops, internet access and where productivity of meat and milk is very well, the number of different transportation vehicles available such as cars, motorcycles, cycles, and other forms of transport, shows different Farm machinery available such as Sprayer 286, Tractor 09, Cultivator 09, Disc Harrow 07, Thresher 07 and Seedcum Fertdrill 01,s it shows that irrigation facilities are available in the village. The findings of this study have significant implications for policy interventions and rural development initiatives in the region.

Keywords: Participatory rural appraisal; socio economic; farmers; productivity.

#### 1. INTRODUCTION

Belipar Vigyan Kendra, Gorakhpur established for technology dissemination though various agricultural extension activities. Participatory Rural Appraisal survey is an important mean to identify the problem constraints and need of the farmers through their own involvement. Though this Krishi Vigyan Kendra comes under scarcity zone of Kanpur village Bhitaha. Hence Krishi Vigyan Kendra has to focus on technologies. Village Bhitaha, Block-Khaijani, Tehsil- Bansgaon, District- Gorakhpur situated at distance of 16 Km from District head quarter and 28 Km from KVK Belipar. It comes under agriculture sub division Khajani. The Village Bhitaha popularly grown of Vegetables and Paddy along with cereals like Maize, Wheat [1,2]. Sorghum, Pulses etc oilseeds are grown to some extent. There is opportunity for enhancing crop production. Participatory Rural Appraisal (PRA) is the process of involving local people in the analysis and interpretation of their own situation of a given rural area [3-5]. The local people i.e. the participants take a leadership role in collecting, interpreting analyzing, and presenting information and in this process impart knowledge and development insight to the specialists and extension agents. PRA approach embodies a whole range of techniques which when used information/data reveal valuable on resources and skills existing in the village, wealth structure and dynamics of caste and class [6-8].

For management of natural resources. participatory Rural Appraisal is conducted to establish rapport with the village community as well as to identify and define problems for prioritization in the village itself. It is a way of learning from and with community members to investigate their need assessment, analyze and evaluate constraints and opportunities and find out priorities in the area of agriculture, small scale rural enterprises and any other social and economic development programs addressed to village development [9-12]. Based on the principle of listening and learning, PRA is the technique of immediate analysis and survey of village resources for participatory micro-planning and development [13-15]. Participatory Rural Appraisal is a way of enabling rural people to analyze their living conditions, share the outcomes and plan their activities.

### 2. METHODOLOGY

The present study was conducted in Village Bhitaha, Block- Khaijani, Tehsil- Bansgaon, District- Gorakhpur situated at distance of 16 Km from District head quarter and 28 Km from KVK Belipar. The Data Collection based on Participatory Rural Appraisal (PRA) exercise, a meeting of thevillagers along with the Sarpanch, Niab Sarpanch and Lamardar was conducted in the villagefor rapport building. While conducting the meeting, they were made aware of the exercise tobe conducted for the development of a plan for the village, farmers' contribution in

the exercise and the objectives to be achieved. The key informants were identified who helped toinform villagers to facilitate participation.

### 3. RESULT AND DISCUSSION

The Table 1 shows the demographic information and literacy rate of the village. The total population is 2160, with 1098 males and 1062 females. The literacy rate is 82.68%.

Table 2 This table shows the Scheduled Caste and Scheduled Tribe population in the village. The total SC population is 218, with 106 males and 112 females. There is no ST population in the village.

The Table 3 shows the distribution of farming families in the village based on the size of their land holdings. The majority of families (95%) are marginal farmers, with less than 1 hectare of

land. There are no large (over 4 hectares) farms in the village.

TheTable4 shows the area under different agricultural crops in the village, as well as their productivity. Paddy is the main kharif crop, while wheat is the main rabi crop. There is also a small area of zaid crops, such as barseem and cucurbits. Paddy is the most cultivated crop in the village, followed by wheat and fodder crops.

The productivity of cucurbits is high compared to other crops.

The Zaid season has a limited variety of crops compared to Kharif and Rabi.

Table 5 shows the area under different horticultural crops in the village. Mango is the only crop listed, with an area of 0.2 hectares.

Table 1. Demographic information and literacy rate of Village

| Tota | Total Population |       | No. of         |      |        |       |                  |           |
|------|------------------|-------|----------------|------|--------|-------|------------------|-----------|
| Male | Female           | Total | Househ<br>olds | Male | Female | Total | Literacy<br>Rate | Sex Ratio |
| 1098 | 1062             | 2160  | 360            | 910  | 876    | 1786  | 82.68            | 967       |

Table 2. Scheduled caste and scheduled tribe population in village

|      | SC Population |       | ST Pop |        |       |
|------|---------------|-------|--------|--------|-------|
| Male | Female        | Total | Male   | Female | Total |
| 106  | 112           | 218   | 0      | 0      | 0     |

Table 3. Distribution of the farming families on the basis of size of land holding in village

| S.No | Land Holding (Ha) | No. of families | Percent |  |
|------|-------------------|-----------------|---------|--|
| 1    | >4(Large)         | 0               | 0       |  |
| 2    | 2-4(Medium)       | 0               | 0       |  |
| 3    | 1-2(Small)        | 4               | 1.20    |  |
| 4    | 0-1(Marginal)     | 342             | 95.00   |  |
| 5    | Landless          | 14              | 3.80    |  |
| 6    | Total             | 360             | 100.00  |  |

Chart 1. Total distributed area

| Total Geographical area | Total Cultivated<br>Area | Total Irrigated<br>Area | Total<br>Area | Orchard | Others |
|-------------------------|--------------------------|-------------------------|---------------|---------|--------|
| 187                     | 182                      | 182                     | 1.2           |         | 3.8    |

The Table 6 shows the livestock population in the village. There are a total of 98 buffaloes, 178 goat, and no poultry birds. The Table 7 also shows the productivity of the livestock in terms of milk and meat.

This Table 8 shows the availability of various ICT tools in Bhitaha, including TVs, mobiles, computers/laptops, and internet access.

There are 295 TVs and 1385 mobiles in the village. Internet access is also available.

This Table 9 shows the number of different transportation vehicles available in Bhitaha, such as cars, motorcycles, cycles, and other forms of transport, there are 186 motorcycles and 240 cycles in the village.

This Table 10 shows the number of different Farm machinery available available in Bhitaha, such as Sprayer 286, Tractor 09, Cultivator, 09 Power, Disc Harrow, 07 Thresher, 07Tiller 03, and SeedcumFert.Drill 01 in the village

This Table 11 shows the number of different Farm machinery available available in Bhitaha, such as Private Tube well 52, Well 06 and Govt. Tube well in the village.

This Table 12 provides information about the natural resources found in Bhitaha, categorized by vegetation, grasses, soil, crops, livestock, land use, and water resources. Some examples include mango and mahua trees in the vegetation category, loam and sandy loam soil types, and crops like cereals, pulses, and oilseeds.

Table 4. Area under different agricultural crops in village

| Season | Crops          | Area (ha) | Productivity (q/ha) |  |
|--------|----------------|-----------|---------------------|--|
| Kharif | Paddy          | 124       | 36                  |  |
|        | Arhar          | 17        | 7                   |  |
|        | Til            | 6         | 4                   |  |
|        | Cucurbits      | 26        | 252                 |  |
|        | Fodder (Chari) | 9         | 850                 |  |
| Rabi   | Wheat          | 142       | 38                  |  |
|        | Mustard        | 13        | 18                  |  |
|        | Chick pea      | 5         | 14                  |  |
|        | Field Pea      | 1.5       | 16                  |  |
|        | Tomato         | 4.5       | 255                 |  |
|        | Cauliflower    | 6         | 110                 |  |
|        | Veg. Pea       | 4         | 80                  |  |
|        | Barseem        | 6         | 830                 |  |
| Zaid   | Cucurbits      | 28        | 210                 |  |

Table 5. Area under different horticultural crops in Village (Hectares)

| Plants | Area (ha) | Productivity (q/ha) |  |
|--------|-----------|---------------------|--|
| Mango  | 1         | 80                  |  |
| Guava  | 0.2       | 175                 |  |

Table 6. Livestock population in village (Numbers)

| Village-<br>Bhitaha                                | Indigenous<br>Cows | Crossbred<br>cow | Buffaloes | Goat | Sheep | Poultry<br>Birds | Fish pond |
|--|--------------------|------------------|-----------|------|-------|------------------|-----------|
| No. of animals/<br>pond                            | 7                  | 34               | 98        | 178  | 0     | 0                | 5         |
| Productivity (Milk /animal/lactatio n (meat in kg) | 985                | 1075             | 1120      | 14.5 | 0     | 0                | 0.85      |

Table 7. Basic village amenities in Village- Bhitaha (Nos.)

| Panchayat Ghar | School | Anganwaricentre | Health Centre | Ration Depot |
|----------------|--------|-----------------|---------------|--------------|
| -              | 1      | -               | -             | 1            |

Table 8. Shows theinformation and the basic village amenities in Bhitaha. There is one school and no panchayat ghar, anganwaricentre, health centre and one ration depot

| TV  | Mobile | computer/laptop | Internet | Other |
|-----|--------|-----------------|----------|-------|
| 295 | 1385   | 3               | ves      |       |

Table 9. Sources of transportation available in the village

| Transportation |            |       |       |  |  |  |  |  |
|----------------|------------|-------|-------|--|--|--|--|--|
| Car            | Motorcycle | Cycle | Other |  |  |  |  |  |
| 4              | 186        | 240   | 11    |  |  |  |  |  |

Table 10. Farm machinery available in the village

|             | Farm machinery      |                    |                |                    |                    |                       |          |             |  |  |
|-------------|---------------------|--------------------|----------------|--------------------|--------------------|-----------------------|----------|-------------|--|--|
| Tract<br>or | Pow<br>er<br>Tiller | Cono<br>weed<br>er | Cultivat<br>or | Disc<br>ploug<br>h | Disc<br>Harro<br>w | SeedcumFer<br>t.Drill | Thresher | Spray<br>er |  |  |
| 9           | 3                   | 1                  | 9              | -                  | 7                  | 1                     | 7        | 286         |  |  |

Table 11. Irrigation facility in village - Bhitaha

| Govt.<br>well | Tube Private<br>Tube well | Cannal | Well | Drip irrigation | Sprinkler |
|---------------|---------------------------|--------|------|-----------------|-----------|
| 1             | 52                        | 0      | 6    | 0               | 0         |

Table 12. Transect walk depicting following natural resources of village

| SI No. | Particulars           | Natural Resources                                  |
|--------|-----------------------|--|
| 1      | Vegetation/Plantation | Sagon, Mahua, Euckelioptus, Bomboo, Arjun etc.     |
| 2      | Grasses               | Doob, Motha, Parthenium,                           |
| 3      | Soil                  | Loam and sandi loam                                |
| 4      | Crops                 | Cereals, Pulses, oilseed, horticultural crops etc. |
| 5      | Live stock            | Cattle, Buffalo, Goat etc.                         |
| 6      | Land use              | Habitation, crop land, orchard, etc                |
| 7      | Water resources       | Tube well, Ponds, Wells etc                        |

List 1. Action plan for agriculture development for Village Bhitaha, Block- Khajni
A. Agriculture

| Crops | Problem identified               | Suggested solution                                   | Strategies   |
|-------|----------------------------------|--|--|
| Paddy | Low yield<br>High Seed Rate      | Improved recommended varieties.                      | Rectifying technical gaps through demonstration,       |
|       | Un-Protective<br>Nursery raising | Use recommended seed rate Raising protective nursery | training and Awareness Programme in paddy cultivation. |
|       | No seed treatment                | Application of seed treatment                        | Awareness programme, demonstrations and trainings      |

| Crops         | Problem identified       | Suggested solution                       | Strategies   |
|---------------|--------------------------|--|--|
|               | Weed Problem             | Application of                           | Demonstration, training and                          |
|               |                          | recommended                              | Awareness Programme.                                 |
|               |                          | technology and                           |  |
|               |                          | herbicides                               |  |
|               | Transplanting more       | Transplanting proper                     | -do-   |
|               | seedling per hill        | number of seedlings per hill             |  |
|               | Imbalanced use of        | Use Recommended                          | -do-   |
|               | fertilizers              | dose of fertilizer                       |  |
|               | No control measures      | Use IPM and IDM                          | -do-   |
|               | applied for insect and   | modules with                             |  |
|               | disease                  | recommended dose of                      |  |
|               | management               | insecticides and                         |  |
|               |                          | pesticides                               |  |
|               | High cost of cultivation | Recommendedtechnologies like DSR etc.    | Demonstration and training                           |
| Pigeon<br>Pea | Low Yield                | Improved recommended varieties           | Demonstration and training                           |
|               | Pigeon Pea dama          | Sown on raise bed                        | Demonstration and training                           |
|               | geed in water            |  |  |
|               | logging condition        |  |  |
|               | High seed rate           | Line sowing with recommend ded seed rate | Demonstration and training                           |
|               | Imbalance use of         | Recommended balance dose                 | Demonstration, training and                          |
|               | fertilizer               | of fertilizer                            | Awareness Programme.                                 |
|               | No use of Bio            | Use of rhizobium and                     | Demonstration and training                           |
|               | fertilizer               | bio fertilizer                           | z emenenanen ana nammig                              |
|               | No control measures      | Use IPM and IDM                          | Demonstration and training                           |
|               | applied for insect and   | modules with recomm en                   | 3  |
|               | disease                  | ded dose of insecticides                 |  |
|               | management               | and pesticides                           |  |
| Sesame        | Use of local seed        | Improved recommended vari                | Awareness programme, dem                             |
|               |                          | eties.                                   | onstrations and trainings                            |
|               | Higher Seed rate         | Line sowing with recommended Seed rate   | -do-   |
|               | Imbalanced fertilizer    | Recommended balance dose                 | -do-   |
|               | No control magazines     | of fertilizer                            | 4.   |
|               | No control measures      | Use IPM and IDM                          | -do-   |
|               | applied for insect and   | modules with recomm en                   |  |
|               | disease                  | ded dose of insecticides                 |  |
| Muotord       | management               | and pesticides                           | Awaranaa pragramma da                                |
| Mustard       | Use of local seed        | Improved recommended varieties.          | Awareness programme, de monstrations and training gs |
|               | Higher Seed rate         | Line sowing with recomme                 |  |
|               |                          | nded Seed rate                           |  |
|               | Imbalanced fertilizer    | Recommended balance dose of fertilizer   | -do-   |
|               | No control magazines     |  | do   |
|               | No control measures      | Use IPM and IDM                          | -do-   |
|               | applied for insect and   | modules with recommend                   |  |
|               | disease management       | ded dose of insecticides                 |  |
| 01-1-1        | Lavordala                | and pesticides                           | Awaranaa   |
| Chick         | Low yield                | Improved recommended                     | Awareness programme,                                 |
| oea           |                          | varieties.                               | demonstrations and trainings                         |

| Crops  | Problem identified     | Suggested solution          | Strategies                  |
|--------|------------------------|-----------------------------|-----------------------------|
|        | Higher Seed rate       |                             | -do-                        |
|        |                        | recommended Seed rate       |                             |
|        | Imbalanced fertilizer  | Recommended balance dose    | -do-                        |
|        | use                    | of fertilizer               |                             |
|        | No control measures    | Use IPM and IDM             | -do-                        |
|        | applied for insect and | modules with recomm         |                             |
|        | disease                | ended dose of insec         |                             |
|        | management             | ticides and pesticides      |                             |
| Field  | Low yield              | Improved recommended        | Awareness programme,        |
| Pea    |                        | varieties.                  | demonstrations and          |
|        |                        |                             | trainings                   |
|        | Higher Seed rate       | Line sowing with recomme    | -do-                        |
|        |                        | nded Seed rate              |                             |
|        | Imbalanced fertilizer  | Recommended balance dose    | -do-                        |
|        | use                    | of fertilizer               |                             |
|        | No control measures    | Use IPM and IDM             | -do-                        |
|        | applied for insect and | modules with recommend      |                             |
|        | disease                | ded dose of insecticides    |                             |
|        | management             | and pesticides              |                             |
| Wheat  | Low yield              | Improved recommended        | Awareness programme, dem    |
|        |                        | varieties.                  | onstrations and trainings   |
|        | Higher Seed rate       | Line sowing through super   | -do-                        |
|        |                        | seeder etc. with            |                             |
|        |                        | recommended Seed rate       |                             |
|        | Weed Problem           | Application of              | Demonstration, training and |
|        |                        | recommended te              | Awareness Programme.        |
|        |                        | chnology and                |                             |
|        |                        | herbicides                  |                             |
|        | Imbalanced fertilizer  | Recommended balance dose    | -do-                        |
|        | use                    | of fertilizer               |                             |
|        | No control measures    | Use IPM and IDM             | -do-                        |
|        | applied for insect and | modules with recomm en      |                             |
|        | disease                | ded dose of insecticides    |                             |
|        | management             | and pesticides              |                             |
| Green  | Use of local seed      | Improved recommended        | Awareness programme, dem    |
| Fodder |                        | varieties                   | on strations and trainings  |
|        | Higher Seed rate       | Recommended Seed rate       | -do-                        |
|        | Imbalanced fertilizer  | Use of balanced fertilizers | -do-                        |
|        | use                    |                             |                             |
|        | Non-adoption of        | Use of plant protection     | -do-                        |
|        | plant protection       | measures                    |                             |
|        | measures               |                             |                             |

## **B.** Horticulture

| Crop       | Problem identified       | Suggested solution                     | Strategies                              |
|------------|--------------------------|--|---|
| Vegetables | No seed treatment        | Adoption of recommended seed treatment | Awareness, Demon st ration and training |
|            | Low Yield                | Improved recommended varieties         | Awareness, Demonstration and training   |
|            | Imbalanced fertilizeruse | Recommended balance dose of fertilizer | -do-                                    |

| Crop  | Problem identified   | Suggested solution  | Strategies                                 |
|-------|--|---|--|
|       | No proper control measures applied for insect and disease management | Use IPM and IDM modules with recomm ended dose of insect cides and pesticides | -do-                                       |
|       | Low price of vegetable   | Link with national and international marketing through E- marketing channel.  | Awareness and training                     |
| Mango | Unfruitfulness   | Management of unfruitfulness  | Awareness,<br>Demonstration<br>andtraining |
|       | Mango malformation   | Recommended INM   | Awareness and training                     |
|       | Low Yield  | Improved recommended<br>varieties and balanced<br>use of fertilizer           | Awareness, Demonstration andtraining       |
|       | Pests andDiseases  | Management of pests and diseases  | Awareness, De monstration and training     |
| Guava | Low Yield  | Improved recommended varieties and balanced use of fertilizer                 | Awareness, Demons tr ation and training    |
|       | Unfruitfulness   | Management of unfruitfulness  | Awareness, Demonstration andtraining       |
|       | Pests andDiseases  | Management of pests and diseases  | Awareness, Demonstration andtraining       |

# C. Animal Husbandry

| Animal | Problem identified   | Suggested solution   | Strategies  |
|--------|--|--|---|
| Cow    | Low milk yields<br>due to imbala<br>nced feeding             | Balanced feeding with supplementation of mineral mixture.                        | Awareness, Demon strat ion and training   |
|        | Low milk yields<br>due to local<br>breed                     | Recommended Breed of Cow (Shahiwal, Gir, Tharparkar, and graded cross-bred).     | Providing awareness about<br>A I and sex shorted semen<br>with training, animal camp<br>day |
|        | Infestation of<br>parasites and<br>diseases                  | Use of acaricide, dewormer and vaccination prescribed by veterinary doctor.      | Awareness, Demons trati on and training   |
|        | Lack of Green<br>fodder                                      | Provide green fodder around the year by use of perennial green fodder ie. Napier | Awareness, Demon strati on and training   |
|        | Poor Marketing<br>Facilities of Milk<br>and milk<br>product. | Groups and FPOs Formation and Link with national international marketing channel | Awareness and training  |

| Animal    | Problem identified                                  | Suggested solution   | Strategies  |
|-----------|---|--|---|
| Buffalo   | Low milk yields<br>due to imbala<br>nced feeding    | Balanced feeding with supplementation of mineral mixture.  | Awareness, Demonst rati on and training                             |
|           | Low milk yields<br>due to local<br>breed            | Recommended Breed of Buffalo (Murrah etc.).  | Providing awareness abo<br>ut A I with training, animal<br>camp day |
|           | Infestation of parasites and diseases               | Use of acaricide, dewormer and vaccination prescribed by veterinary doctor.  | Awareness, Demonstration and training                               |
|           | Lack of Green<br>fodder                             | Provide green fodder around the year by use of perennial green fodder ie. Napier   | Awareness, Demonstration and training                               |
|           | Poor Marketing Facilities of Milk and milk product. | Groups and FPOs Formation and Link with national international marketing channel   | Awareness and training  |
| Goat      | Poor body grow<br>th due to<br>imbalance<br>feeding | Balanced feeding with supplementation of mineral mixture.  | Awareness, Demonstra tion and training                              |
|           | Poor body<br>growth due to<br>local breed           | Recommended Breed of Goat (Barbari, Black Bengal, Sirohi etc.).  | Providing awareness about Breed with A.I. training, animal camp day |
|           | Infestation of<br>parasites and<br>diseases         | Use of acaricide, dewormer and vaccination prescribed by veterinary doctor.  | Awareness, Demonstration and training                               |
|           | Lack of Green<br>fodder and<br>posture              | Provide green fodder around the year by use of perennial green fodder ie. Napier, drumstick, Subabul, Jangal jalebi etc. | Awareness, Demon strati on and training                             |
|           | Poor Marketing<br>Facilities of Milk<br>and meat    | Groups and FPOs Formation and Link with national international marketing channel   | Awareness and training  |
|           | Supply of<br>sufficient<br>fodder                   | Raising quality fodder Silage making for quality enhancement   | Awareness, Demonstration and training                               |
| Fisheries | Lack of infra<br>structure<br>facilities            | Provide adequate amount of water and proper management of ponds  | Awareness and training programme                                    |
|           | Lack of<br>technical<br>knowledge<br>and support    | Provide technical scientific knowledge   | Awareness and training programme                                    |
|           | Lack of artif icial feeding                         | Provide balanced feeding   | Awareness, Demon strati on and training                             |
|           | No existence of cooperative societies               | Formation of groups and societies  | Awareness and training programme                                    |
|           | Poor quality fish seed                              | Provide the good quality fish seed   | Awareness and training programme                                    |

| Animal  | Problem identified                                 | Suggested solution   | Strategies   |
|---------|--|--|--|
| Poultry | Lack of quality chicks                             | Provide Improved recommended breed and quality chicks  | Awareness,<br>Demonstration andtraining                    |
|         | Unavailability of quality fee d                    | Provide balanced feed  | Awareness, Demonstration and training                      |
|         | High motility<br>and diseases<br>out break         | Cleaning sanitation, vaccination and proper scientific management.                             | Awareness, Demonstration and training                      |
|         | Lack of<br>technical<br>knowledge                  | Provide technical scientific knowledge   | Awareness and training programme                           |
|         | Lack of<br>storage<br>facilities                   | Provide knowledge about storage of egg at Village level  | Awareness and training programme                           |
|         | Poor Marketing<br>Facilities of egg<br>and meat    | Groups and FPOs Formation and Link with national international marketing channel               | Awareness and training                                     |
| Pig     | Poor body<br>growth due to<br>imbalance<br>feeding | Balanced feeding with supplementation of mineral mixture.                                      | Awareness, Demon stra tion and training                    |
|         | Poor body<br>growth due to<br>local breed          | Recommended Breed of Goat (LW Yorkshire MW Yorkshire SW Yorkshire, landress, bearkshire etc.). | Providing awareness about Breed, training, animal camp day |
|         | Infestation of<br>parasites and<br>diseases        | Use of acaricide, dewormer and vaccination prescribed by veterinary doctor.                    | Awareness, Demonstration and training                      |
|         | Poor Marketing<br>Facilities of<br>meat            | Groups and FPOs Formation and Link with national international marketing channel               | Awareness and training                                     |

#### 4. CONCLUSION

In conclusion, has explored the socioeconomic status of Bhitaha Village in Gorakhpur, using data collected through a PRA Under KVK Belipar Gorakhpur. The study has provided valuable insights into the village's demographic profile, land use patterns, sources of irrigation, and occupational distribution. The study found that the majority of the population had a High level of education, with literacy rate is 82.68%. Marginal and small farmers dominated the agricultural landscape, with a prevalence of small-scale agriculture. The study also highlighted the importance of non-farming occupations such as skilled laborers and rural artisans. The findings of this study have significant implications for policy interventions and rural development initiatives in the region. The dominance of small-scale agriculture highlights the need for interventions that promote sustainable farming practices and provide access to modern agricultural technologies and techniques. Moreover, the presence of rural artisans in the village suggests the potential for developing cultural tourism in the region, which could serve as a source of income diversification for the local population.

#### **COMPETING INTERESTS**

Authors have declared that no competing interests exist.

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