



AGRI-BUSINESS SURVEY IN NEPAL

Baseline survey report CREW Project

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Executive Summary

The women-led businesses and those working in the climate-sensitive sectors have been deeply impacted by the COVID-19 pandemic. Such enterprises face a multitude of challenges such as gender-based barriers, labour shortages, financial struggles, and limited market access- all of which have affected their business and overall economic growth. In light of these intersecting challenges, there is a pressing need to strengthen the resilience of such enterprises, particularly in the context of increasing climate and other vulnerability.

With a strong emphasis to address the impacts of climate change, current status of the agricultural market and improving it, understanding the scope of digital and financial market, the project aims to co-produce workable solutions for financially sustainable and shock resilient agriculture and forest-based enterprises. The study focuses on crops such as wintergreens, legumes and vegetables in the context of agriculture and forest-based enterprises. Through Participatory Action-Research **Co-producing a shock-resilient business ecosystem for women-led enterprises in Nepal (CREW)** Project and the Agribusiness survey, we explore the challenges and opportunities for women in Nepal's agribusiness sector in two key economic corridors: Dolakha-Ramechhap and Arghakhanchi-Rupendehi.

Strengthening policies to being more gender-inclusive and climate-sensitive are also the key focus of the project. By strengthening the financial and technological literacy to inspire and engage women in the long run, the baseline survey report provides a detailed qualitative as well as quantitative datas to illustrate the current situations faced by the women farmers and entrepreneurs and also outlines the overall outcome variables of the project.

1. Introduction

The COVID-19 pandemic in Nepal has added pressure on women who are already at the forefront of facing the brunt of climate change. The double burden of the pandemic and climate change has particularly been difficult for women in Nepal due to existing discriminatory gendered practices experienced by them. As the situation worsens with the unfolding of the pandemic, women-led businesses and those involved in climate-sensitive sectors have been deeply impacted. In regards to this context, the project aims to co-produce workable solutions for financially sustainable and shock-resilient agriculture and forest-based enterprises to improve women's economic self-reliance. It will be carried out in two economic corridors with a focus on three commodities- wintergreen and legumes in Dolakha-Ramechhap corridors and vegetables in the Arghakhanchi-Rupandehi corridors.

This participatory action-research project will identify gender-based constraints faced by women farmers and entrepreneurs, create an ecosystem of support for the promotion of inclusive women-engaged enterprises, capacitate target beneficiaries and build their agency and voices. Overall, the interventions are focused on enhancing decision-making and improving access to market and resources for women, contributing towards gender and climate-sensitive policies, building digital and financial literacy, and creating models and champions who can inspire and engage the community in the longer run.

The main objective of the baseline survey is to identify gender-based constraints and characterize the socioeconomic and biophysical properties of these economic corridors. The project also aims to conduct an endline survey with detailed results, outcome variables.

2. Objectives of Baseline survey

To understand gender-based constraints to women's economic empowerment in the context of agriculture and forest-based enterprises in Ramechhap and Arghakhanchi districts.

3. Methodology

The baseline survey design used a quantitative and qualitative method to establish baseline values and illustrate the current situation of gender-based constraints faced by women farmers and entrepreneurs, the status of the agricultural market, the impact of climate change, and the scope of digital and financial market in the agricultural area.

3.1 Sampling Design and Selection

Purposive and stratified random sampling methods were used in the survey. To meet the objective of the research, 80% female respondents out of the total samples were selected. The following sampling selection has been used for the baseline survey.

Arghakhanchi District	Sample Size	Ramechhap District	Sample Size
Female veg farmer	130	Female legume member	90
Female all-rounder	18	Female cooperative member	30
Female control	20	female from all-rounder	14
Male veg farmer	14	female from control	18
Male all-rounder	13	Male from legume member	23
Male control	15	Male from cooperative producer	8
		Male from all-rounder	3
		Male from control	5

Similarly, to include the dis-adopters of agro-enterprises, who were abandoned recently after a few years of experience and who can explain the reason for dying out from agro-enterprises, following sample size was selected.

Arghakhanchi District	Sample Size	Ramechhap District	Sample Size
Dis-adopters of agro-enterprises (15-20% of total)	30-40	Dis-adopters of agro-enterprises (15-20% of total)	30-35

Likewise, to maintain ethnical distribution, the following sample size of Dalit has been included in the baseline survey.

Arghakhanchi District	Sample Size	Ramechhap District	Sample Size
Dalit (10% of total)	20	Dalit (5% - 8% of total)	10 – 15

3.2 Sampling Procedures

The baseline survey team began household surveys using the survey tool from 16-22 June 2022. The survey was conducted in wards number 3, 4, 5, and 6 of Ramechhap Municipality of Ramechhap district in Bagmati

province and wards number 1, 2, 6, 7, 8, 9, and 10 of Sandhikharka Municipality, and wards number 4, 5, 8, and 9 of Malarani Rural Municipality of Arghakhanchi district at Lumbini Province.

3.3 Sampling Technique

The probabilistic and non-probabilistic sampling techniques were used to select samples. Accordingly, in the first stage, two districts were selected: Bagmati and Lumbini province. In the second stage of sampling, Ramechhap municipality, Sandhikharka municipality, and Malarani municipality were selected. The beneficiary size and category (e.g. female lead farm business, female-headed household, etc.) were among the factors considered for selecting the localities for the baseline survey. Similarly, the control and treatment groups were purposively selected and randomly sampled in these localities for the baseline survey.

3.4 Sample frame and Sample size

The sampling frame for the baseline survey included all potential beneficiaries from the both Ramechhap and Arghakhanchi district. From female cooperative members, female legume farmers, and female vegetable farmers to all the beneficiaries from both districts of selected municipalities (women leading farm businesses, women-headed households, and single women).

To determine the sample size, the following Cochran's formula was used for the calculation

$$n = \frac{z^2 pq}{e^2}$$

Where,

n = sample size

Z = standard error associated with the chosen level of confidence (typically 1.96)

P = is the (estimated) proportion of the population that has the attribute in question (variability)

q= 1-p

e = acceptable sample error (margin of error)

Accordingly, with the critical assumption made for the same size design that included a 95 % confidence level with a 5% margin of error, 0.5 variabilities, 422 samplings were determined as being representative enough for the baseline survey, considering the catchment area.

3.5 Data Collection: Organization method and Tool

The baseline survey was carried out by Southasia Institute of Advanced Studies, Aria Solutions, NIMS College and Himalayan Bio-Trade Pvt. Ltd (HBTL). The structured closed questionnaire was used for the collection of data on socio-economics, assets, farming characteristics, business attributes, credit and finance, market environment, livelihood and changes, decision making and workload distribution, observation of the impact of climate change, adoption of climate change/resilience strategies, access to technology and impacts of COVID-19 pandemic.

A three-day training was provided to all enumerators who were provided in-depth explanation on the questionnaire for the baseline survey. This was followed by a field pretesting exercise to familiarize the enumerators with the eventual fieldwork. The Kobo software was used to collect the data from the research field. Enumerators were supervised and guided by NIMS college staff, i.e. two supervisors, one in each district, collected 422 data. In the field, the supervisors took full charge of the administration of the questionnaires and the eventual product of data collection. The supervisors guided and supported the enumerators and were there to help resolve minor field difficulties.

3.6 Data analysis and Reporting

The data was imported from the Kobo tool to SPSS and then to Excel. Then, the datas were analyzed using Excel Add-ins, such as Pivot Tables, an advanced data analysis tool within MS Excel and SPSS. The analyzed datas were cross-checked for consistency and presented in forms of tables, graphs, charts, and figures where appropriate. For ease of understanding, important sections and/or elements of the analyzed datas were explained in brief narratives/keywords.

3.7 Ethical Considerations

Ethical practices were carefully explained and discussed with the data collection team during pre-data collection training. It involved the proper introduction of the data collector, explaining the purpose of the baseline survey, how the information would be used, the participant's voluntary participation, and the freedom to exit/refuse participation at any stage without consequences. All this was done to obtain the informed consent of each participant before proceeding with data collection. As the survey used household questionnaires, the survey team ensured that household members interviewed selected a place where they were comfortable, and family norms were respected. Finally, at the end of the questions/discussion, the data collectors thanked the respondents for their time, willingness, and effort to provide data for the baseline survey.

3.8 Limitation

The survey did not take place without limitations. The following were both expected and experienced limitations during the baseline survey. Some of the variables, like farm household income, output price received, cost of farm inputs etc., may have measurement errors, as most farmers do not keep records of farming activities. The survey respondents may decline to respond to some of the survey questions. This could generate variables with missing observations. We were careful in this regard while discussing the findings of the survey. As this survey was designed to collect information for women-managed enterprises, majority of the participants were women. We are careful in presenting the results, especially when presenting from a gender perspective.

4. Results of the Baseline Survey

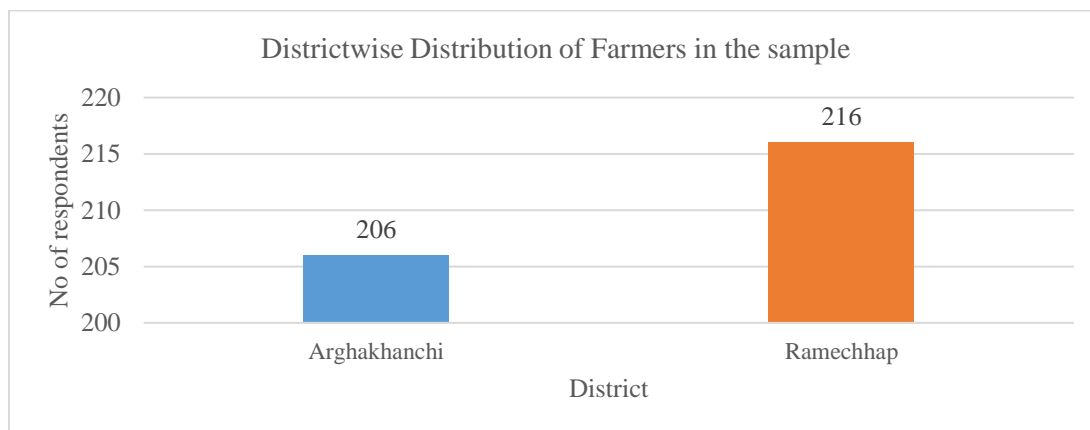
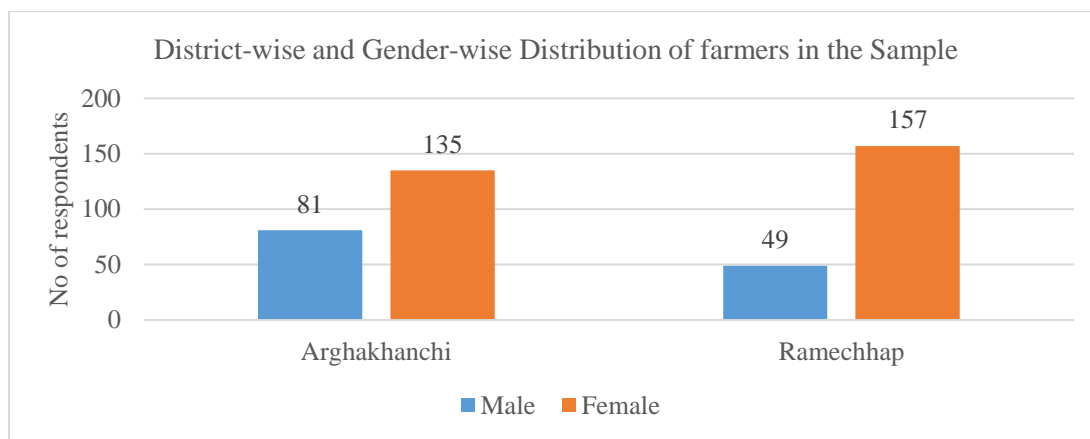
The baseline survey results are presented in the following sub-sections, together with related graphs and tables.

Section A. General Information: Identification and household

A1. District-wise and Gender-wise Distribution of Respondents in the Sample

Arghakhanchi: 226

Ramechhap: 206

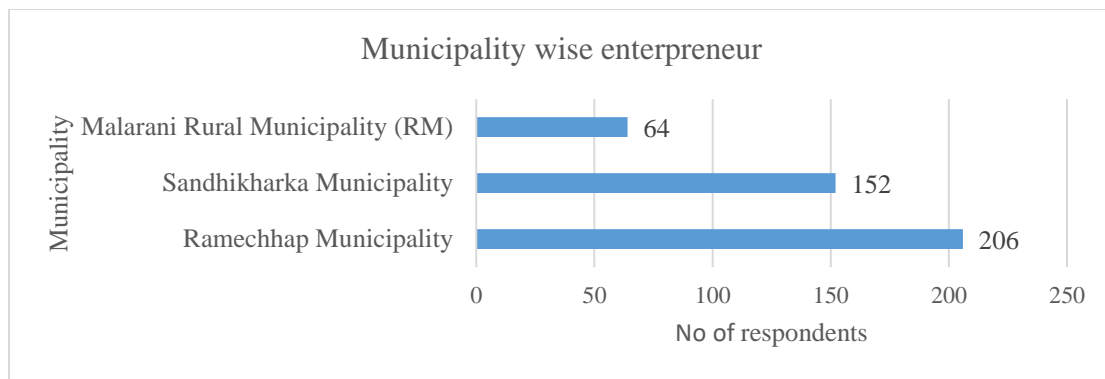


A2. Municipality-wise Distribution of Respondents in the Sample

Malarani: 64

Sandhikharka: 152

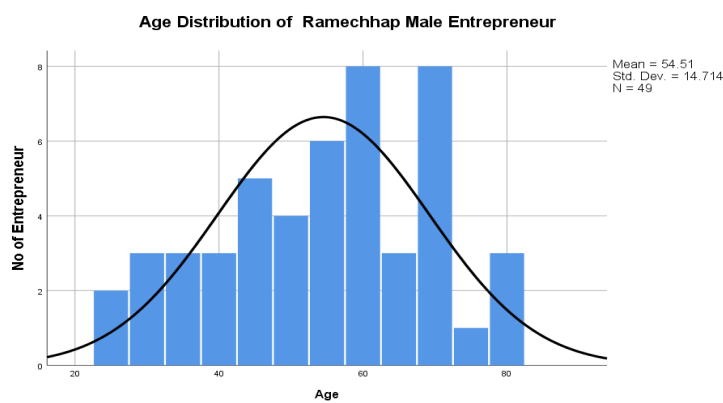
Ramechhap: 206



A3. Age Distribution of Entrepreneurs

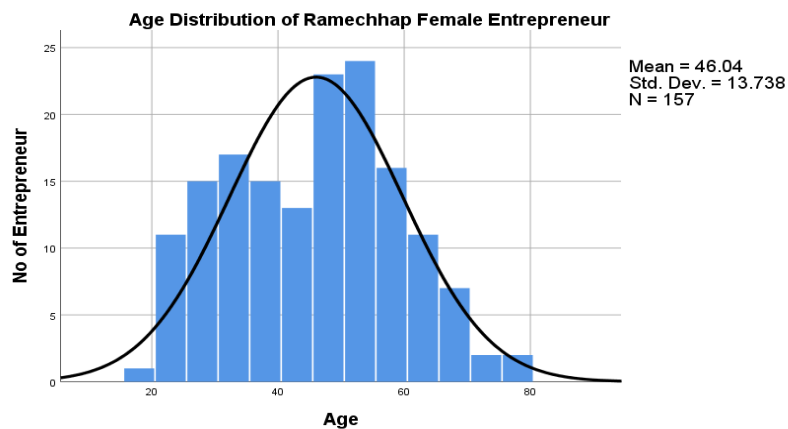
Age Distribution of Male Entrepreneurs at Ramechhap

Average age of male entrepreneur in Ramechhap district is 54.51



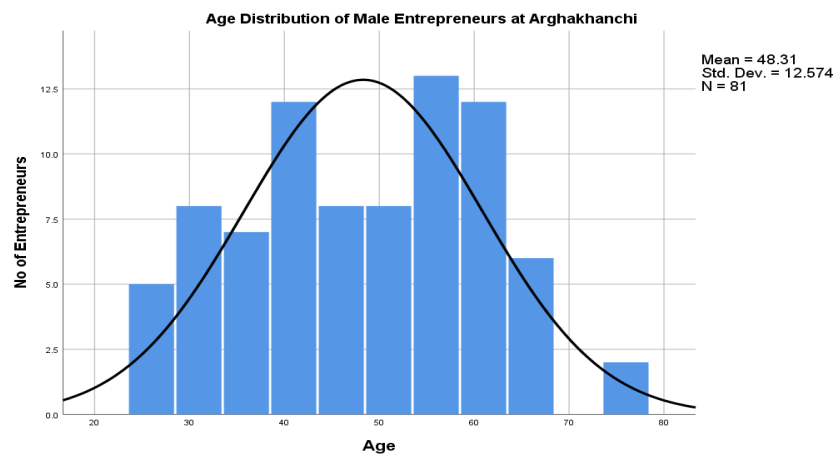
Age Distribution of Female Entrepreneurs at Ramechhap

Average age of Female entrepreneur in Ramechhap district 46.04



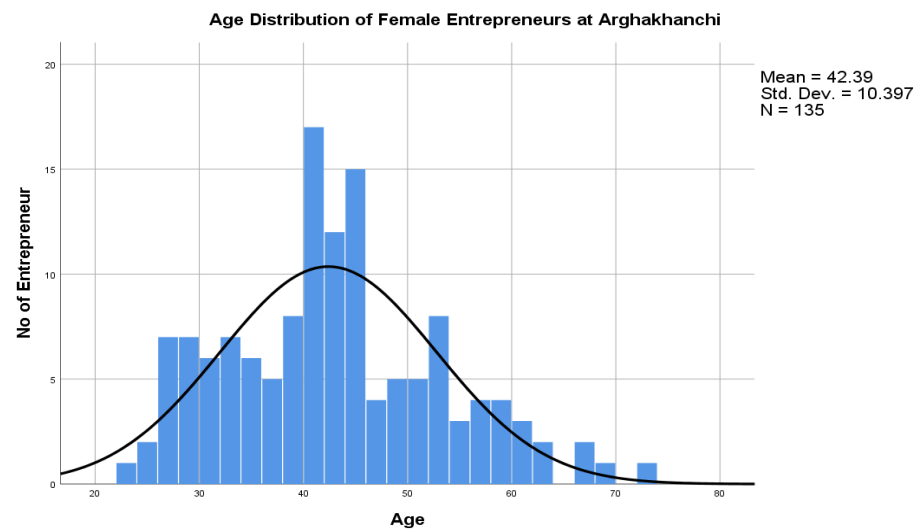
Age Distribution of Male Entrepreneurs at Arghakhanchi

Average age of male entrepreneur in Arghakhanchi district is 48.31



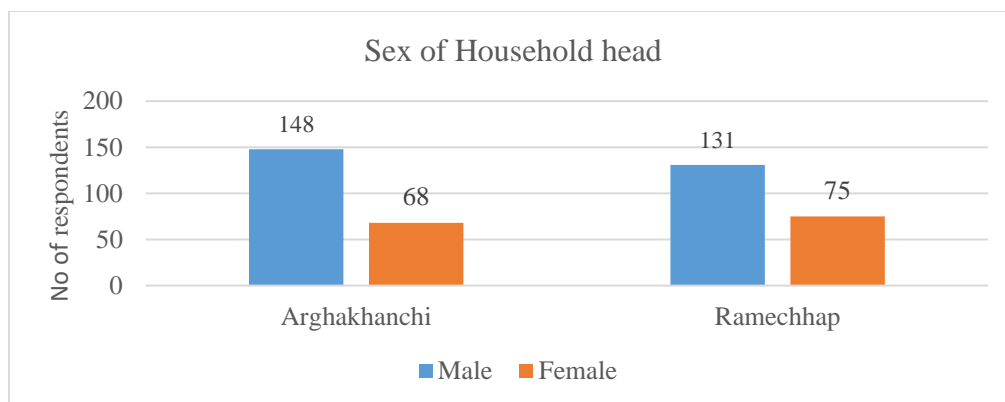
Age Distribution of Female Entrepreneurs at Arghakhanchi

Average age of female entrepreneur in Arghakhanchi district is 42.39



A4. Sex of Household Head

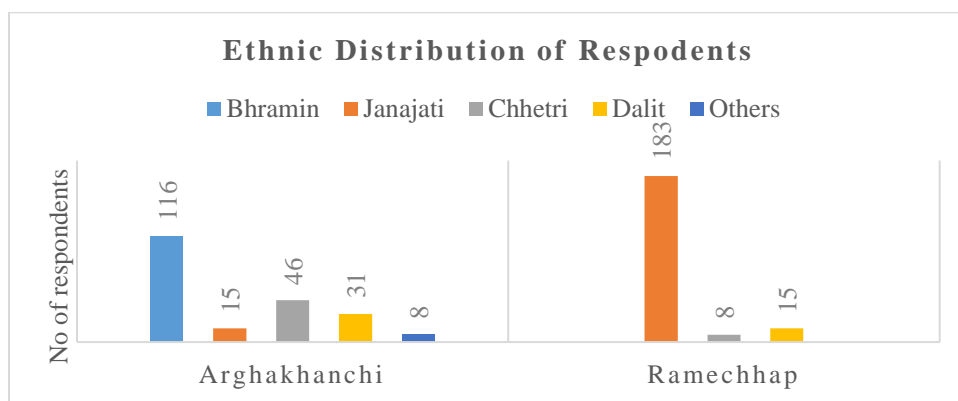
Male dominant household in both district



A5. Caste/Ethnicity

Dalit: 48

Janajati: 198



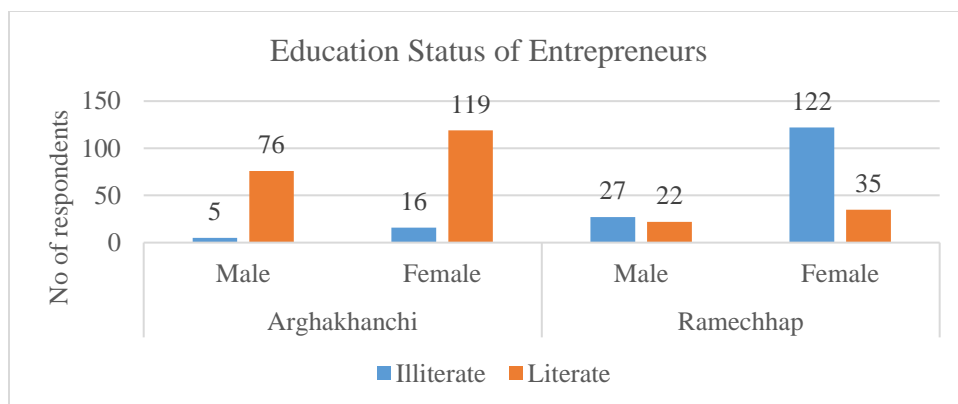
A6. Education Status of Entrepreneurs

Arghakhanchi Illiterate: 21

Arghakhanchi Literate: 195

Ramechhap Illiterate: 149

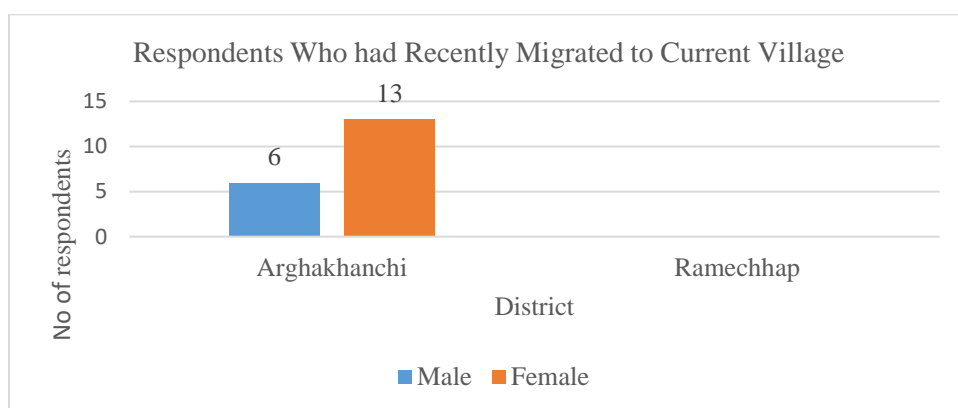
Ramechhap Literate: 57



A7. Has your family migrated into this village?

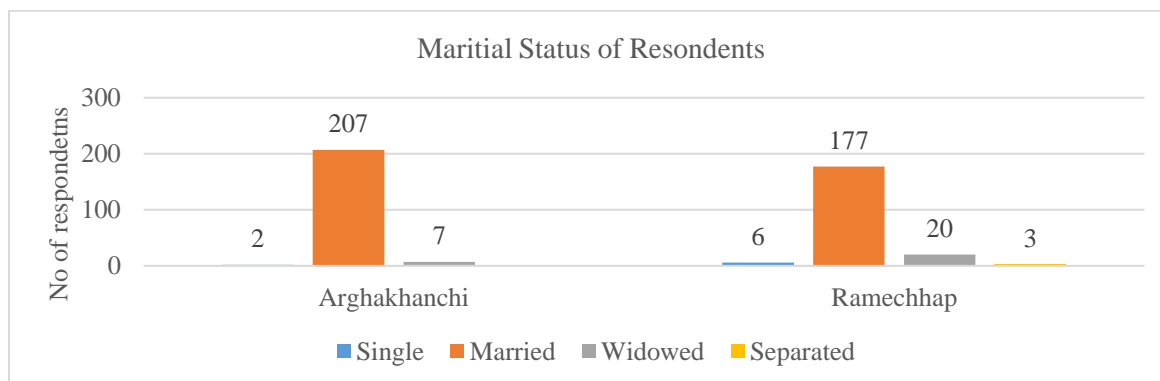
Arghakhanchi: 19 Ramechhap: No

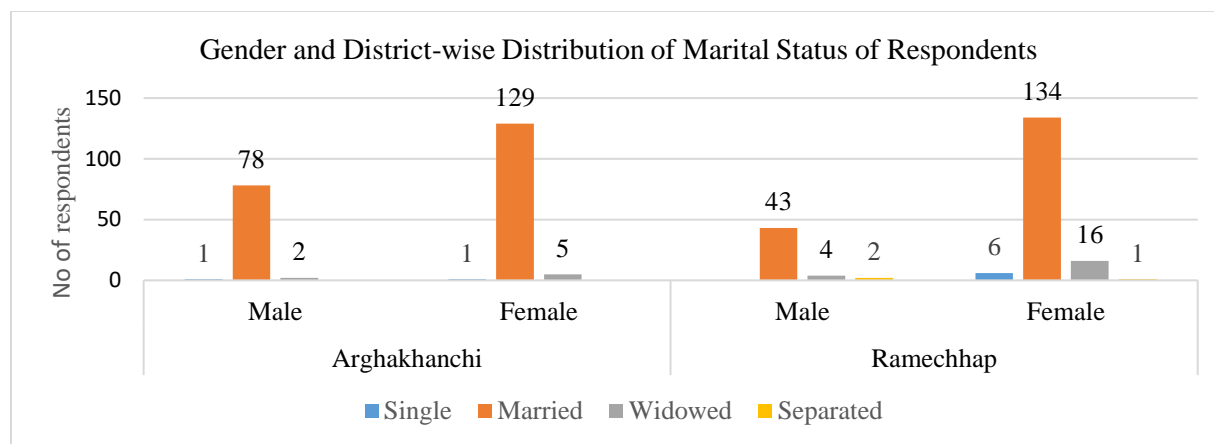
Respondents Who had Recently Migrated to Current Village



A8. Marital Status of Respondents

Most are married.





Section B. Assets

B1. Total Land Holding of Respondents

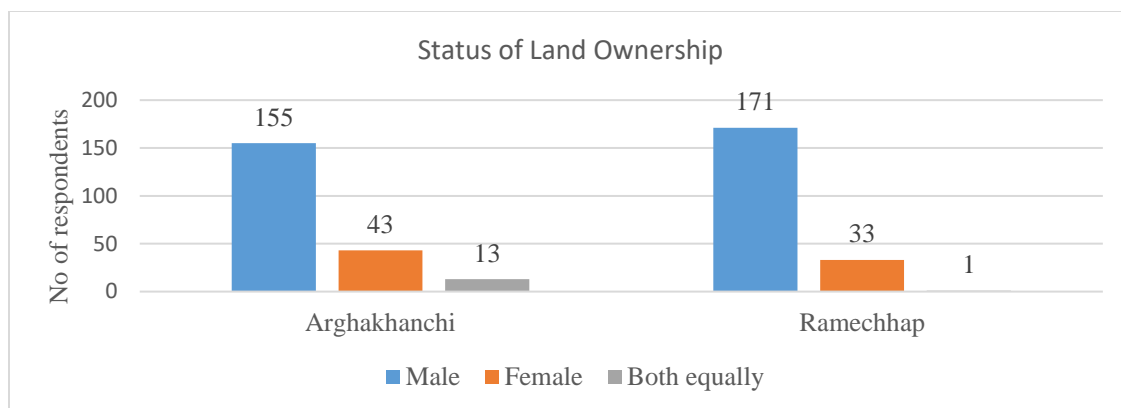
Most of farmer have *bari* in both districts, but only few farmers have *khet* in Ramechhap

Land characteristics and total land holding by farmers		
	Arghakhanchi	Ramechhap
Number of farmers who have <i>Bari</i>	192	200
Total <i>Bari</i> (ropani)	435.5	757.7
Number of farmers who have <i>Khet</i>	144	28
Total <i>Khet</i> (ropani)	200	48
Number of farmers who have rainfed land	143	190
Total rainfed land (ropani)	392	721.7
Number of farmers who own irrigation land	160	35
Total irrigation land (ropani)	328	95
Number of farmers who rented in land	43	35
Total land rented in (ropani)	149.5	59
Number of farmers who rented out land	8	11
Total land rented out (ropani)	34	76

B10. Who has more land ownership?

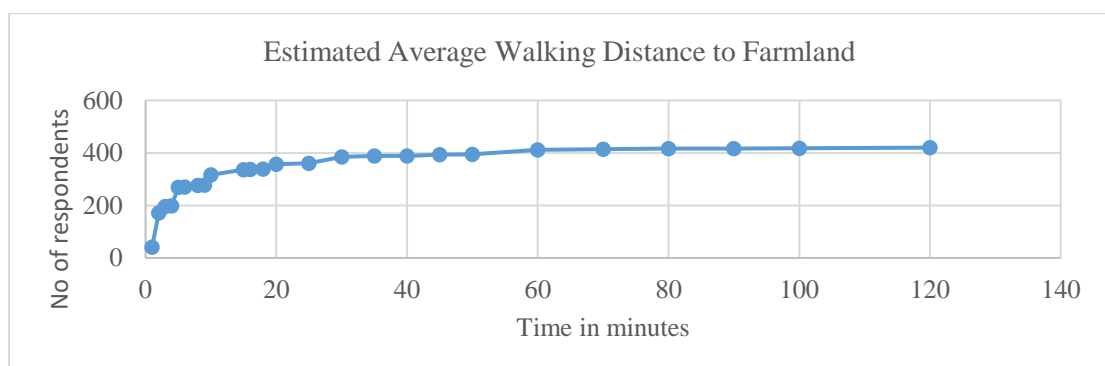
Male has more land ownership

Land Ownership Dominance by Male Respondents

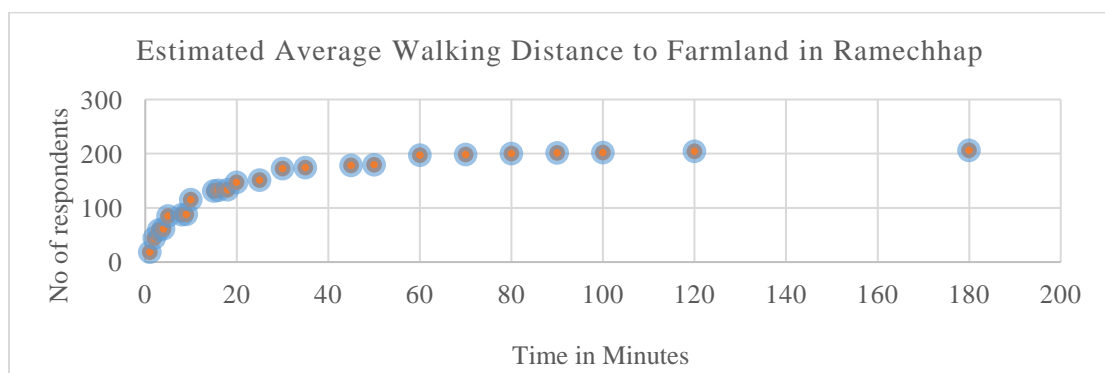


B1.8. Estimated average distance to Khet/Bari [walking distance in minutes]

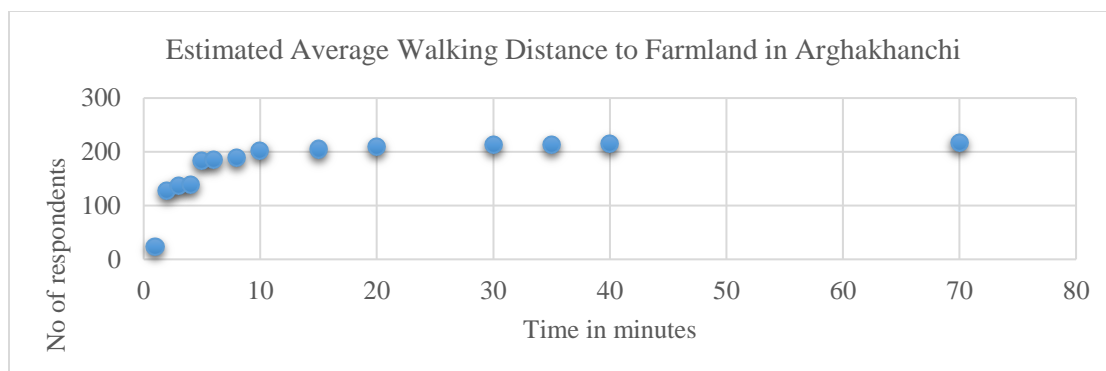
Most are located in about 20 minutes walking distance



Most are located at 20 minutes walking distance

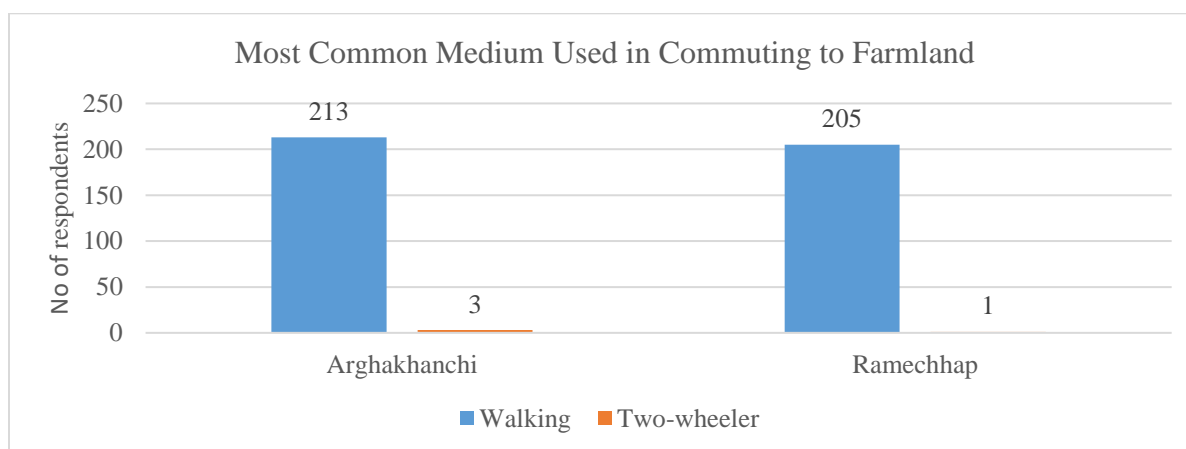


Most are located at 10 minutes walking distance



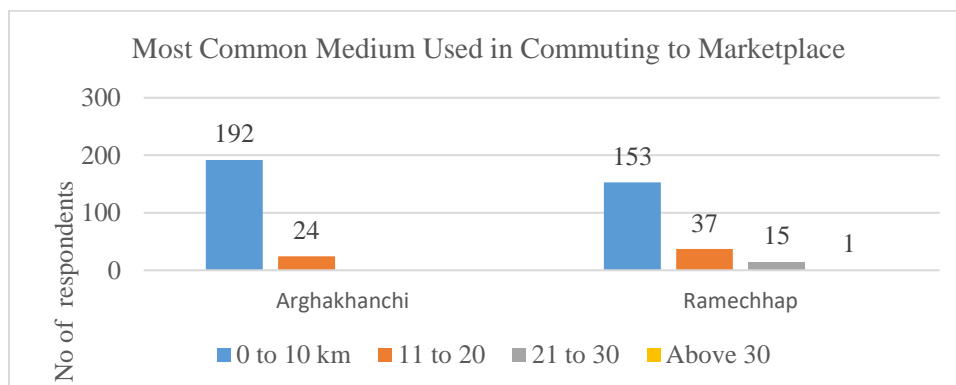
B1.8.1 How do you mostly commute to and from your Khet/Bari majority of the time?

Mostly on foot



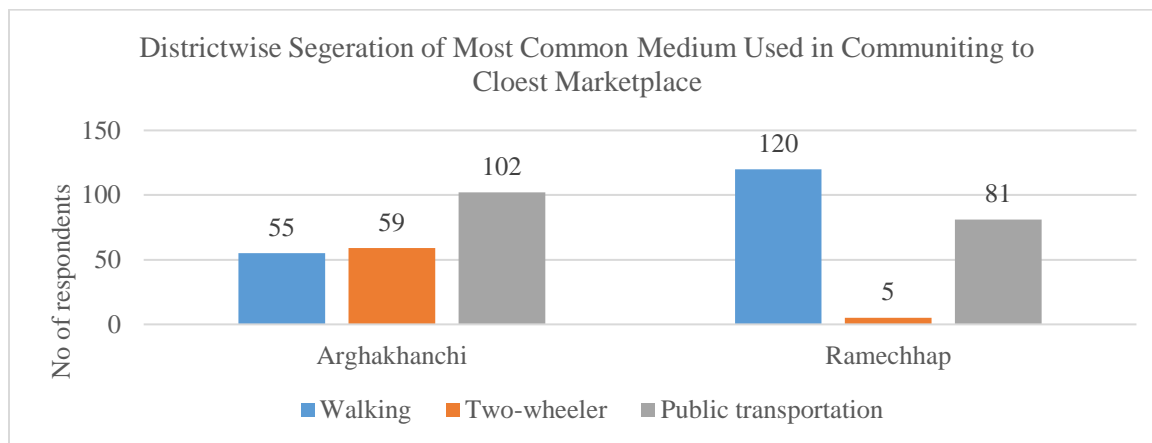
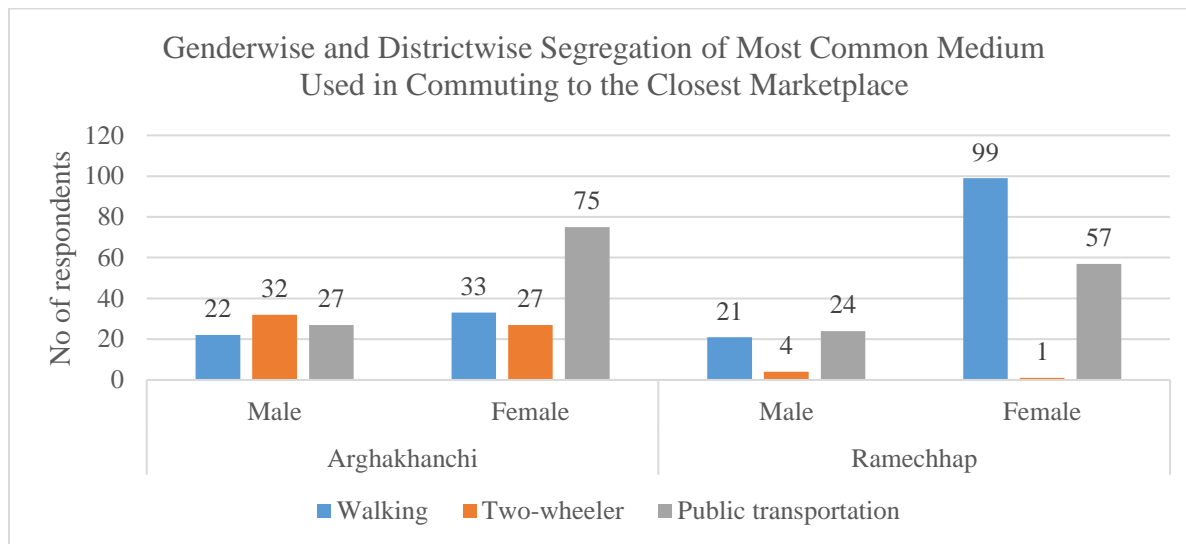
B1.9 Distance to the Closest Marketplace (km)

Most of farmers have market distance within 10 km



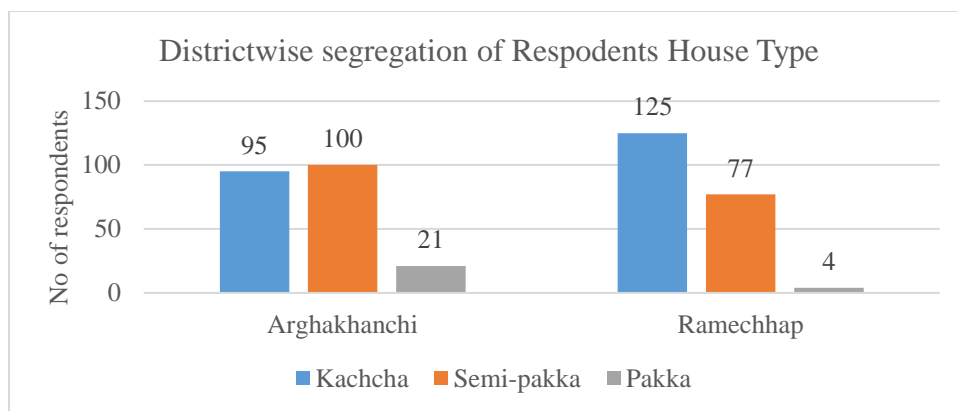
B1.9.1 How do you mostly commute to and from the nearest market?

Walking and public transportation



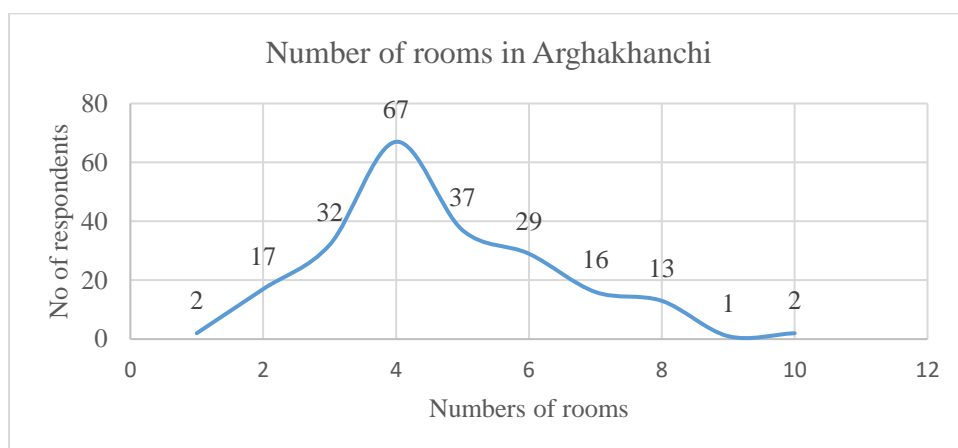
B2.1 Segregation of House Type

Most of houses are *Kachcha* and *Semi-pakka*

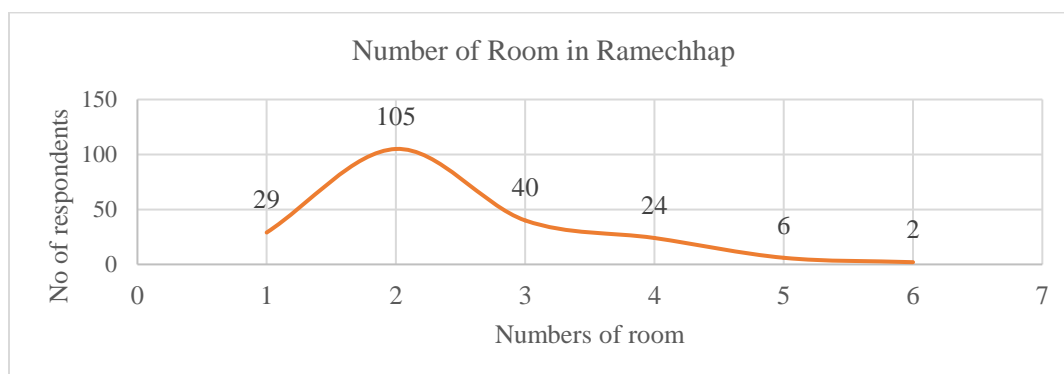


B2.2 Number of rooms

Most of them have a3-5 room houses

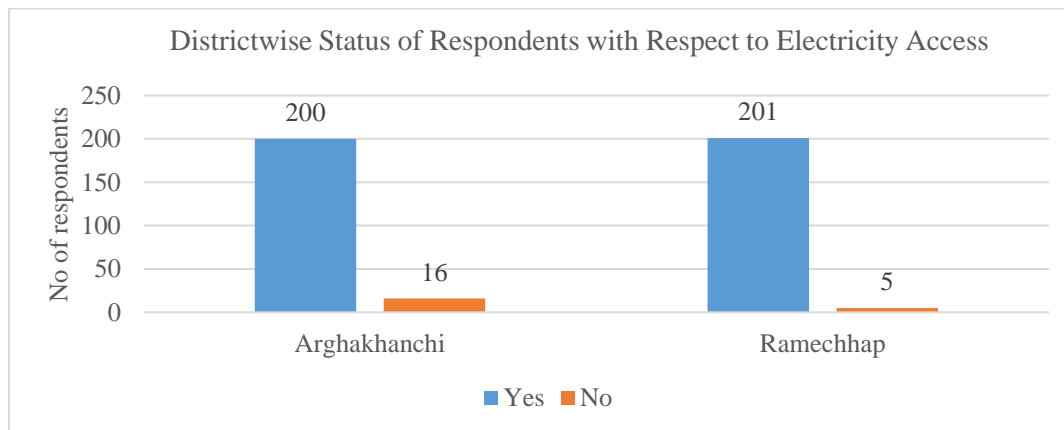


Most of them have a 2-5 room houses



B2.10 Do you have electricity supply?

Only a few have no access to electricity

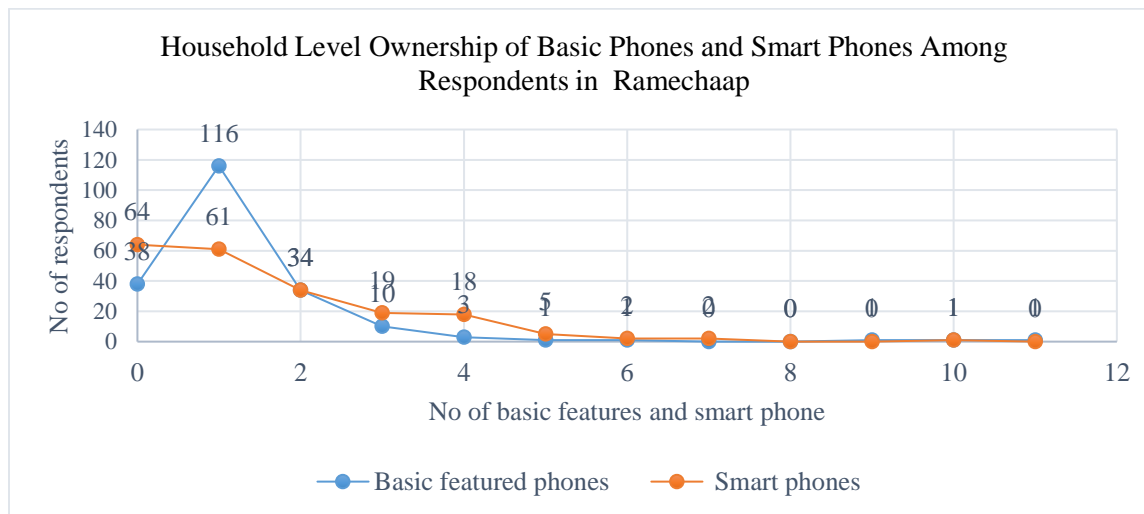


B2.3/2.4 Numbers of Basic features and Smart phones

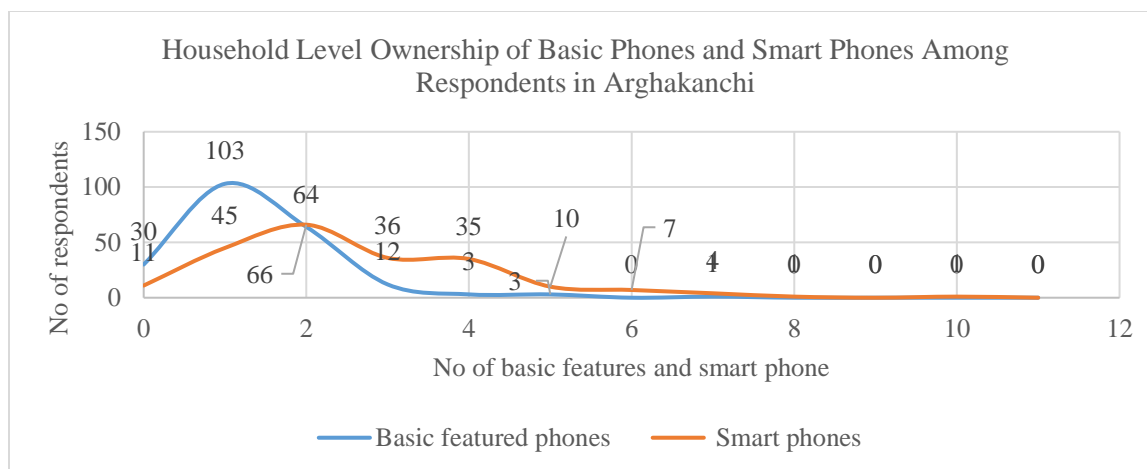
Majority holds both basic and smart phones

64 hh do not have smart phones in home

38 hh do have basic phones in home

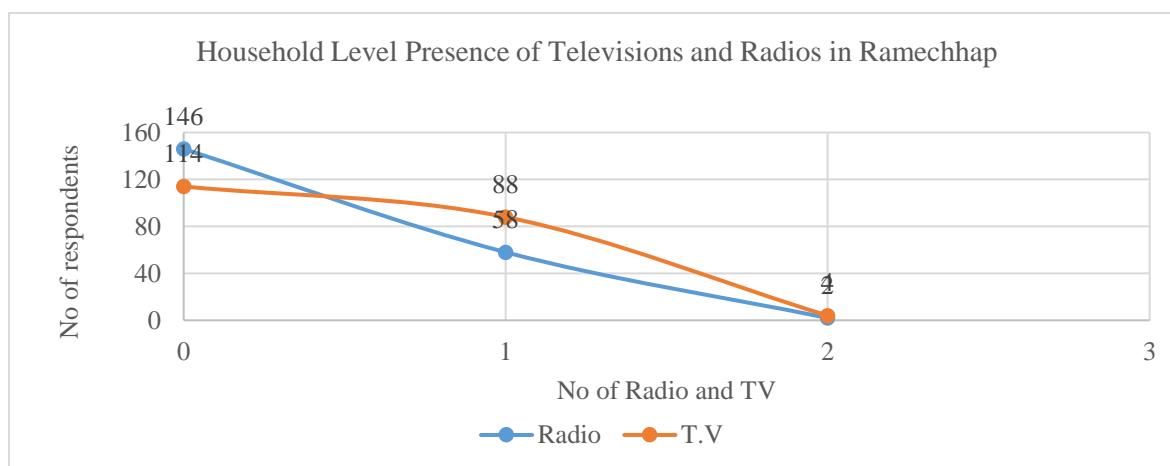


30 household have no basic feature phones and 11 hh have no smart phones

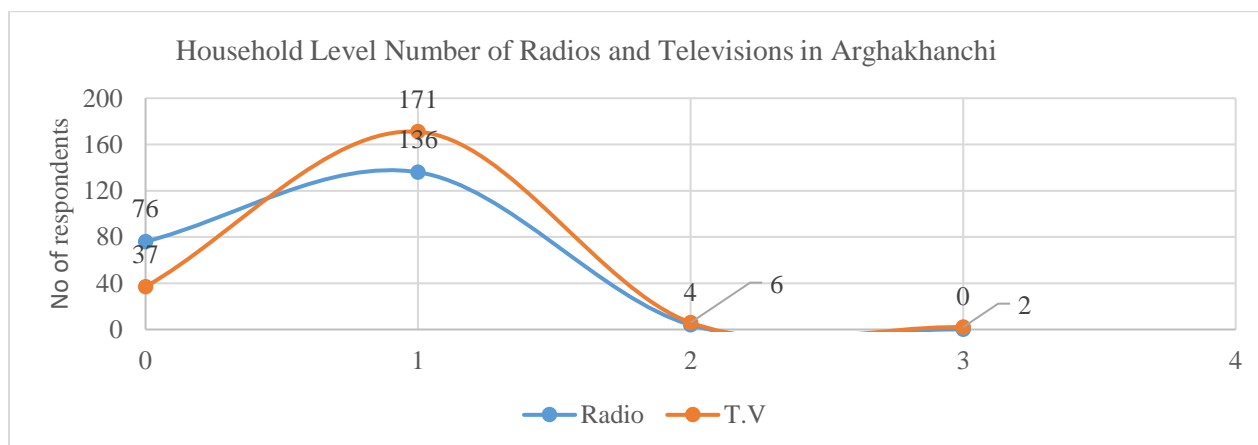


B2.5/2.6 Number of Radio and TV

146 household do not have Radios and 114 hh do not have TVs

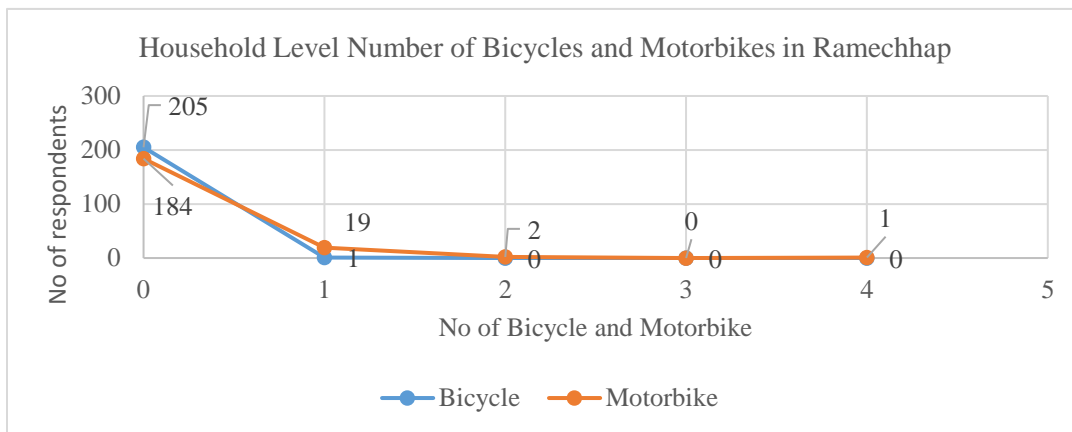


Most of household have at least one Radio and TV

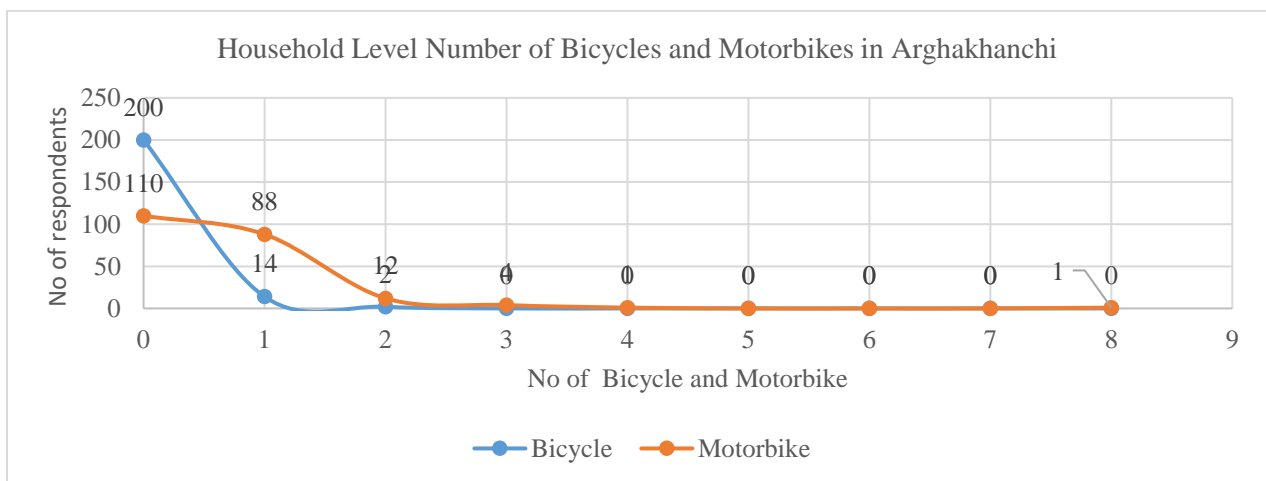


B2.7/2.8 Number of Bicycle and Motorbike

Most of household do not have bicycles and motorbikes

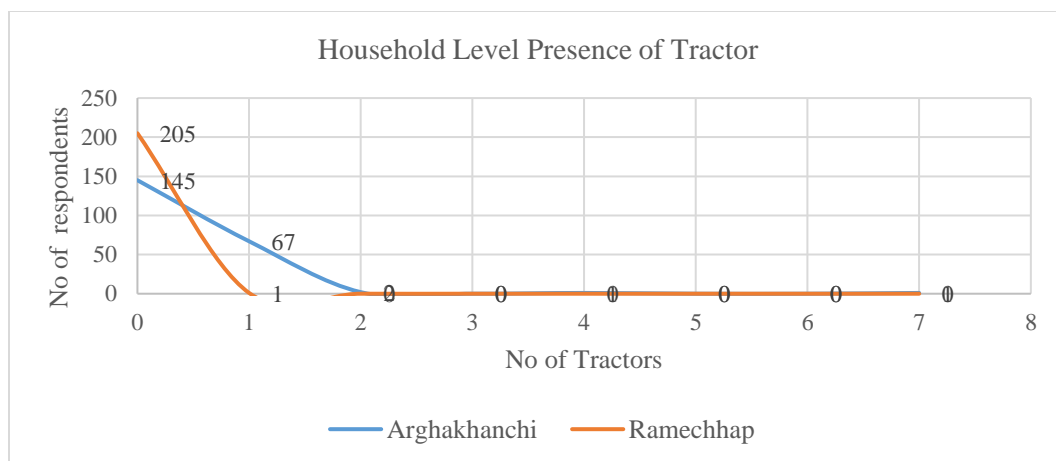


Most of farmer household do not have Bicycles and Motorbikes



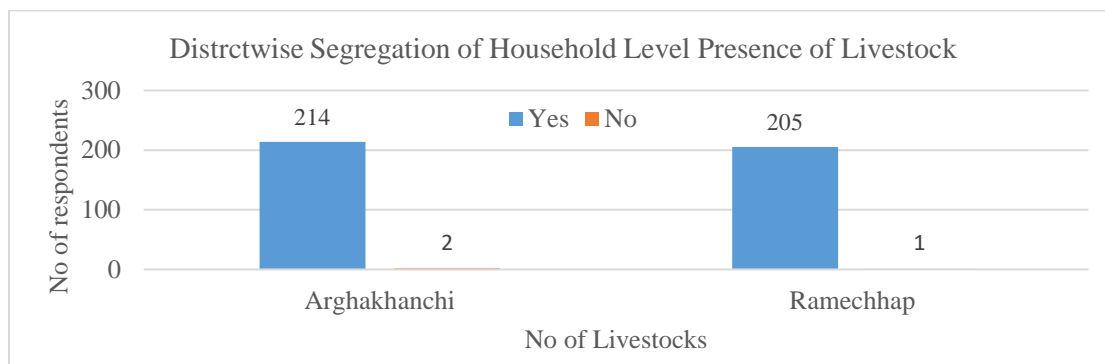
B2.9 Number of Tractor

Most of household do not have a tractor



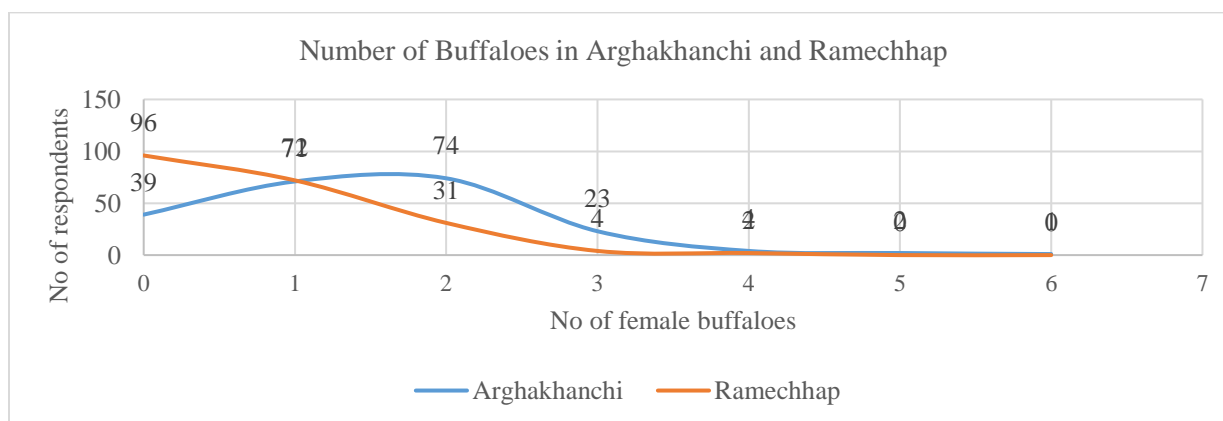
B3. Do you have any livestock?

Most of household have livestock



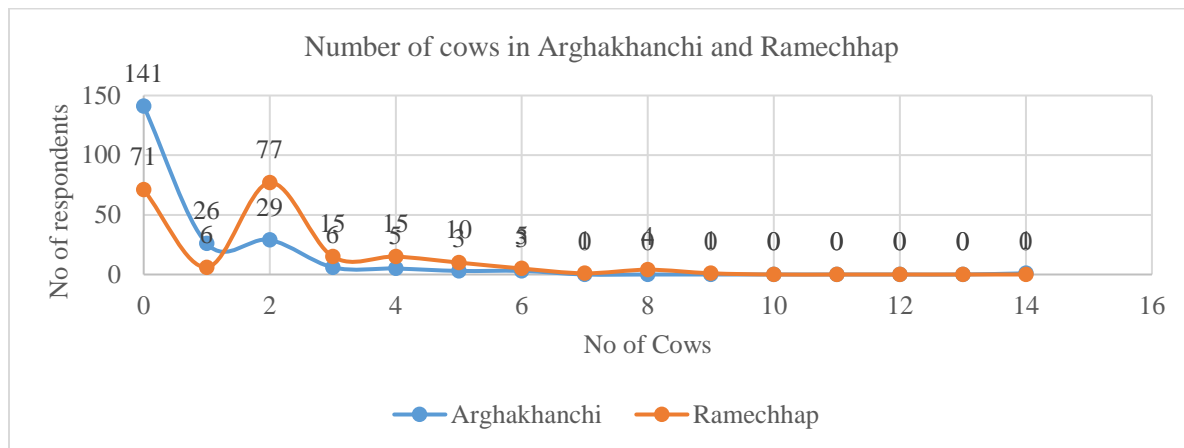
B3.1 Number of Female buffaloes

Most of household in Arghakhanchi has 1-2 female buffalos and 72 household in Ramechhap has 1 female buffalo



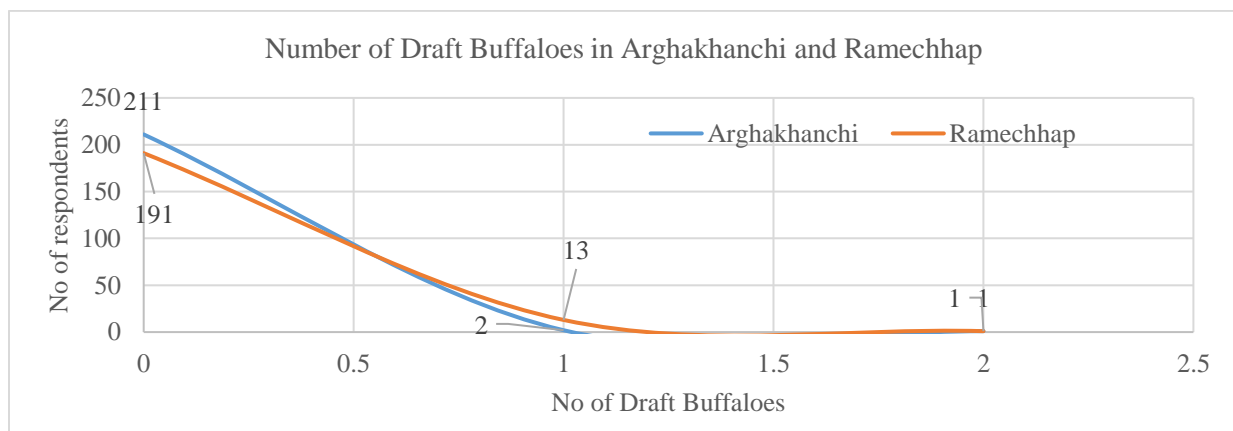
B3.2 Number of Cows

In Arghakhanchi, most of household do not have a cow



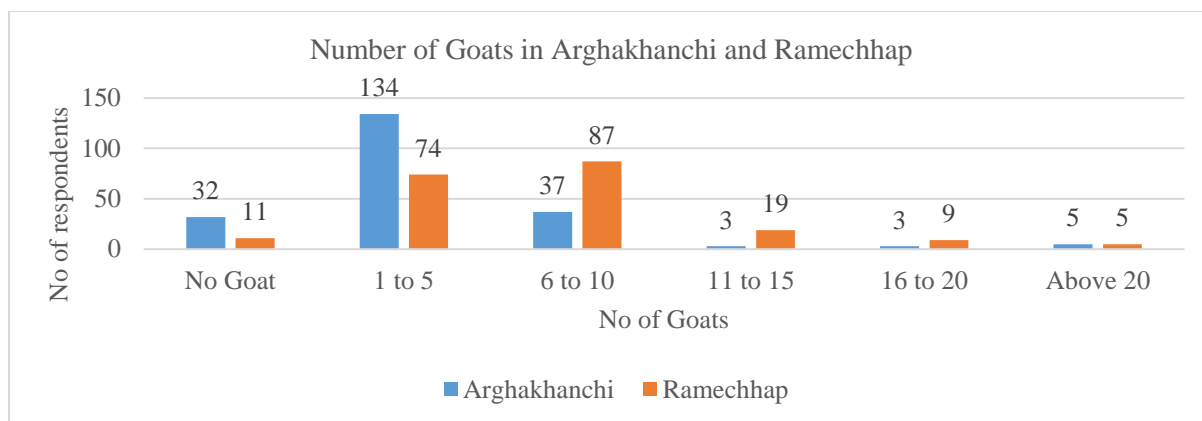
B3.3 Number of Draft buffaloes

Most of household in both districts do not have draft buffaloes



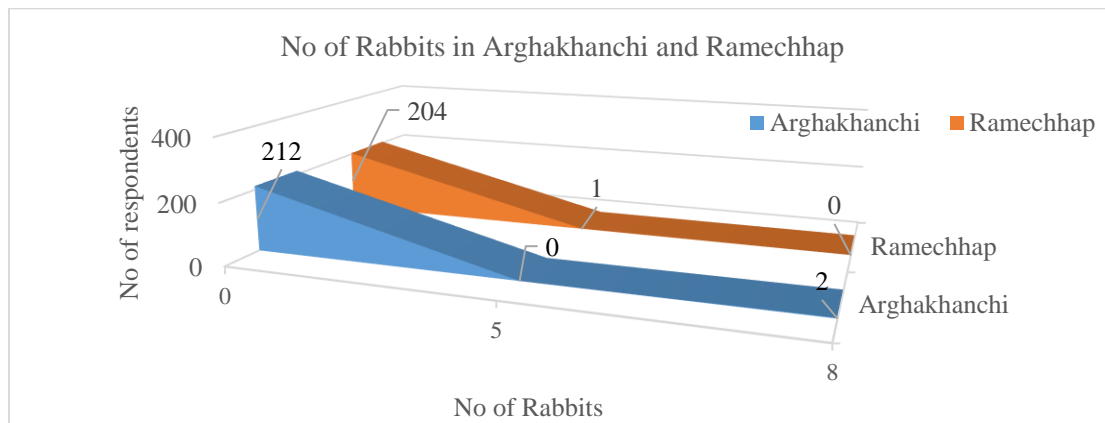
B3.4 Number of Goats

Most of household in Arghakhanchi have 1 to 5 goats, in Ramechhap most household have 6 to 10 goats



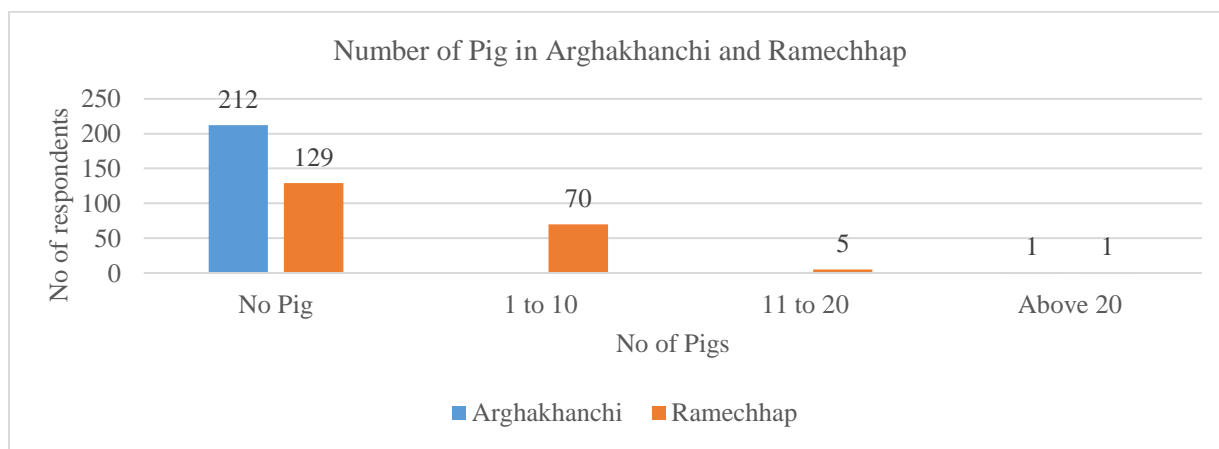
B3.5 Number of Rabbit

Most of household in both districts do not have rabbits



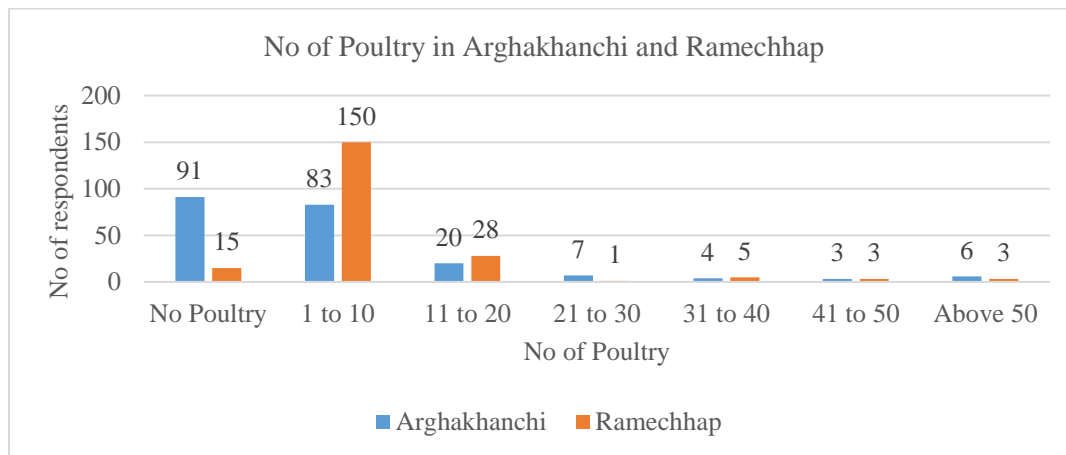
B3.6 Number of Pigs

Most of household in Arghakhanchi do not have pigs, few household have pigs in Ramechhap



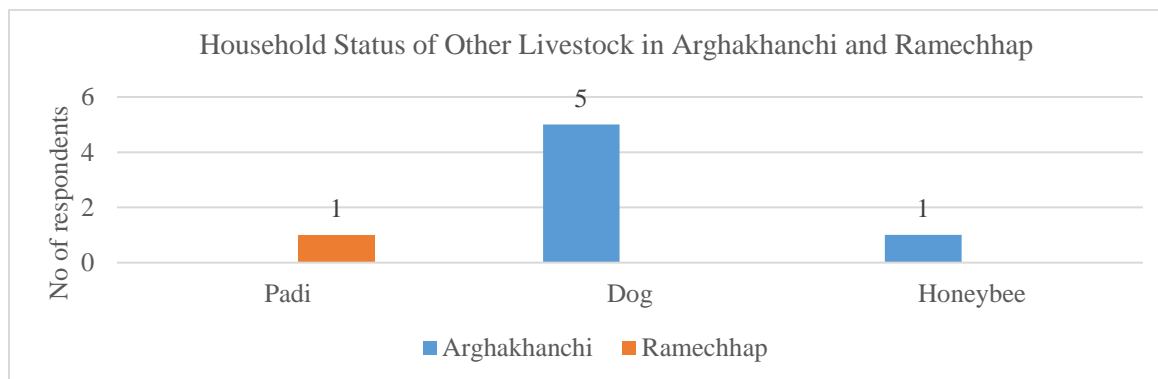
B3.7 Number of Poultry

Most of household have 1 to 10 poultry in both district



B3.8.1 Status of other livestock

Few households have dogs and one household has honeybee and padi

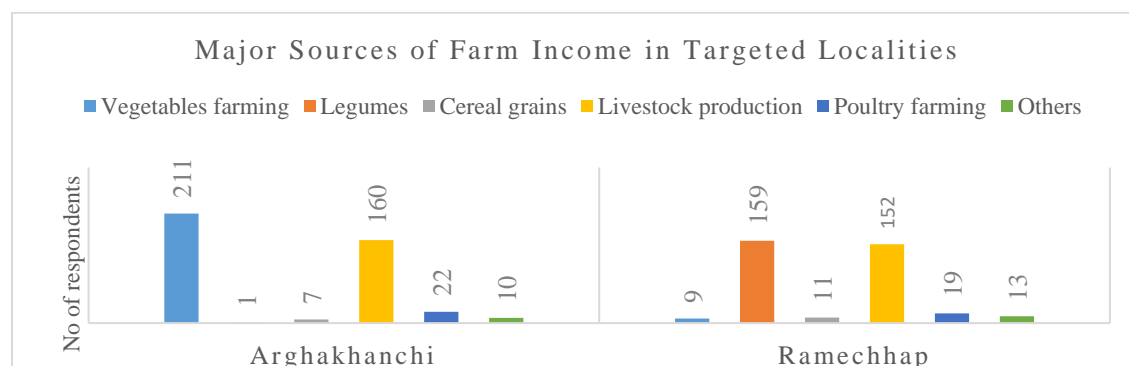


Section C. Farming characteristics

C1. What are the main sources of farm income?

Arghakhanchi: Vegetables and livestock

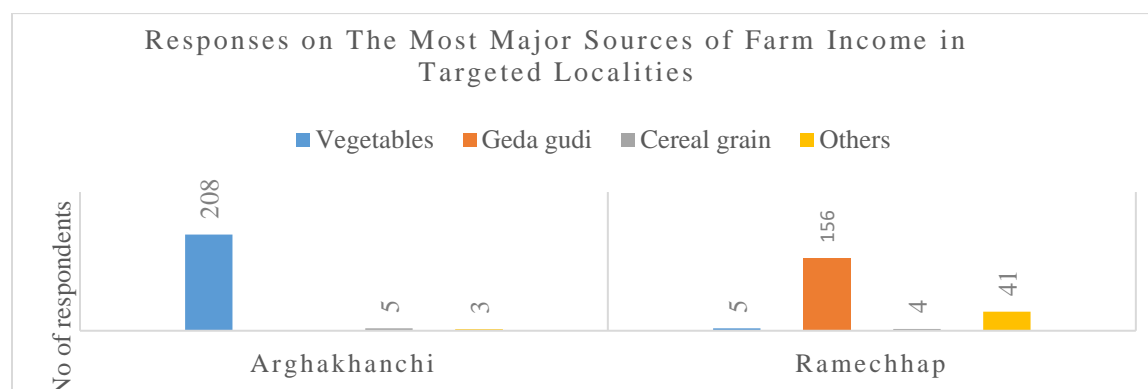
Ramechhap: Legumes and livestock



C2. What is the most significant source of farm income?

Arghakhanchi: Vegetables

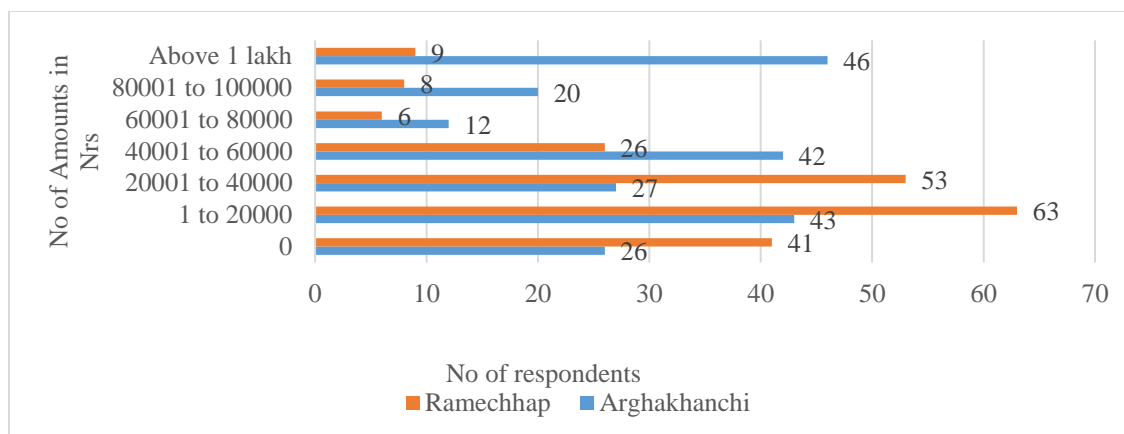
Ramechhap: Legumes



C1.3 What was the income from the sale of livestock produces last year, if any?

Most participants have small income from livestock

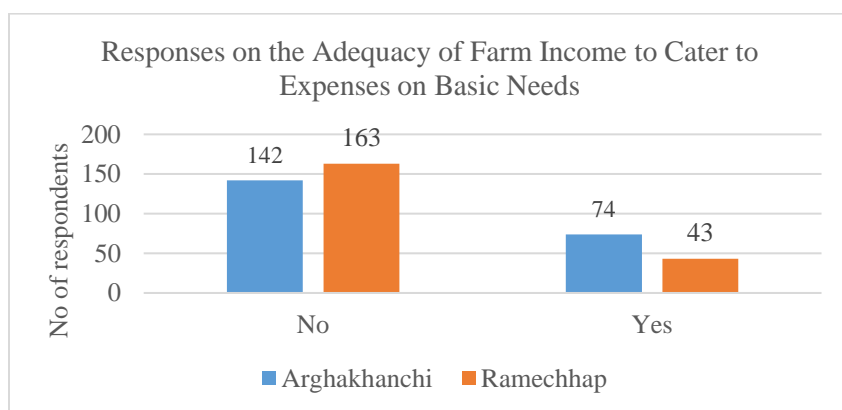
Responses on Income Level from Livestock Sales in Preceding Year



C1.4. Is farm income sufficient to support the basic needs of the family, including food, clothing, housing, sanitation, education and healthcare?

Majority responded NO.

Responses on the Adequacy of Farm Income to Cater to Expenses on Basic Needs

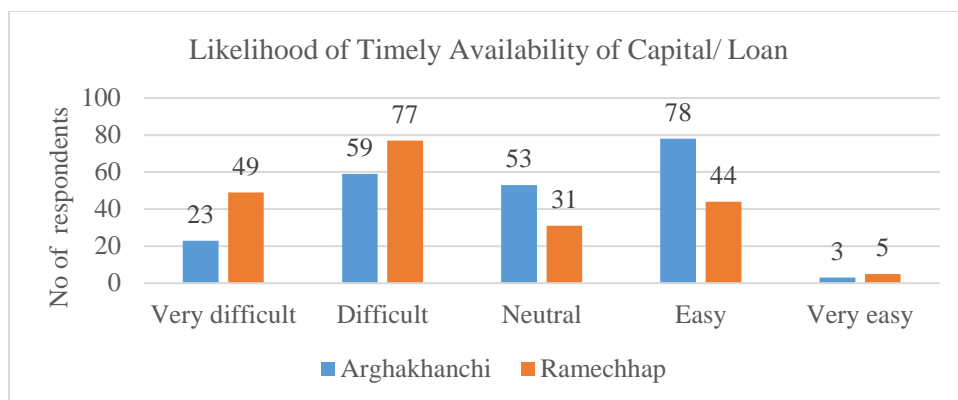


C1.5. How is the following farm inputs available on time?

Arghakhanchi: relatively difficult

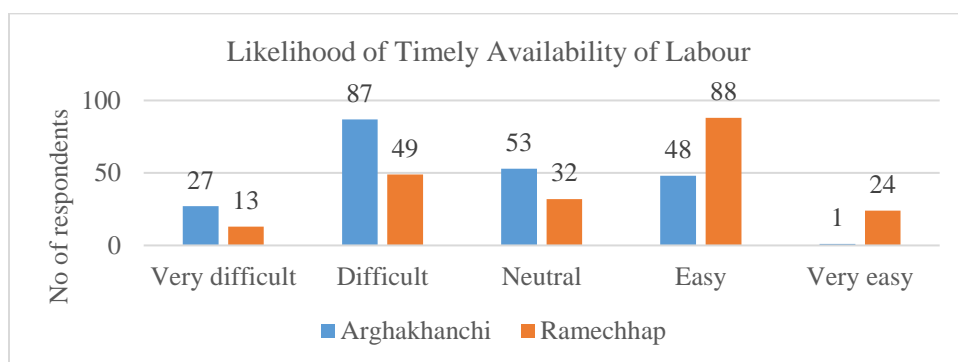
Ramechhap: relatively easier

C1.5a Likelihood of Timely Availability of Capital/Loan

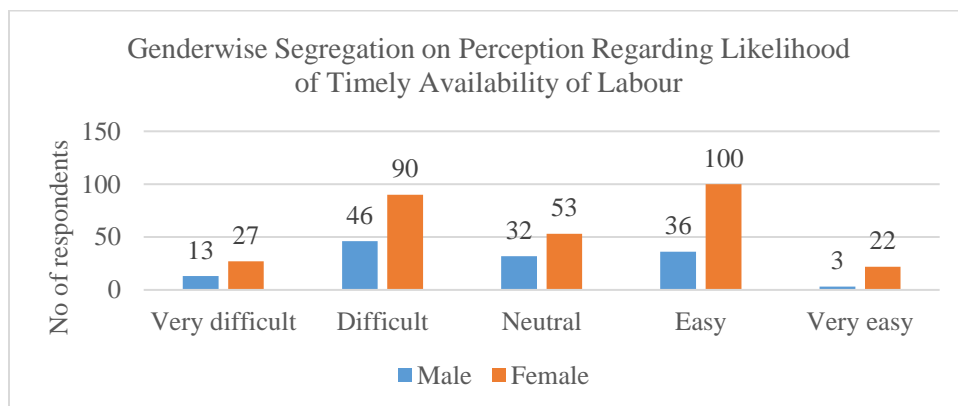


C.1.5b Likelihood of Timely Availability of Labour

Labour supply: relatively shortage



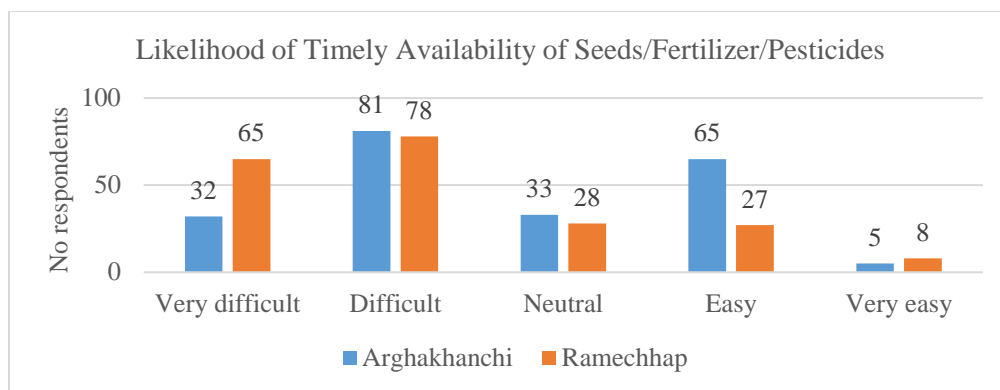
Female lead enterprises find it difficult to get labour in comparison to male led enterprises



C1.5c Likelihood of Timely Availability of Seeds

Seed supply:

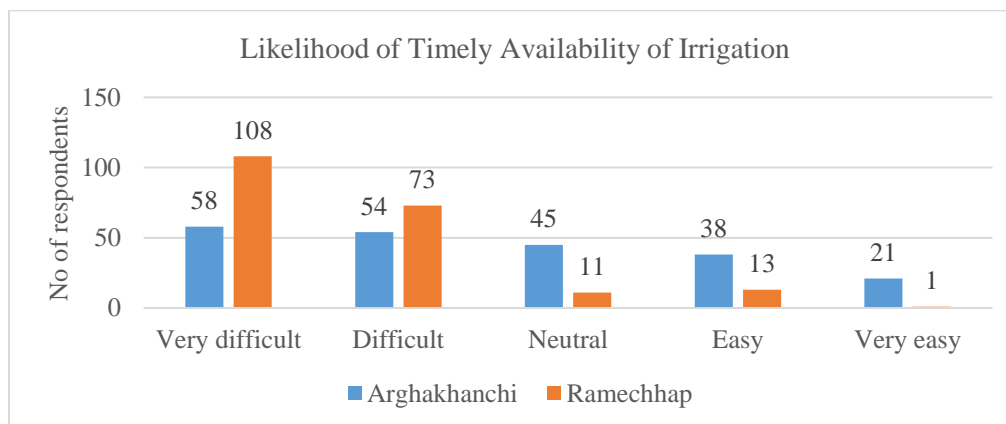
Arghakhanchi: relatively neutral Ramechhap: difficult



C.15d Likelihood of Timely Availability of Irrigation

Irrigation:

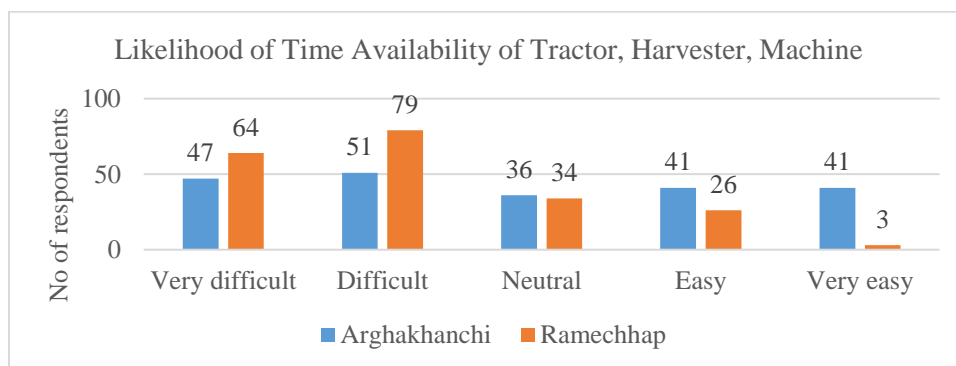
Arghakhanchi: relatively ok Ramechhap: difficult



C1.5e Likelihood of Time Availability of Tractor, Harvester, Machine

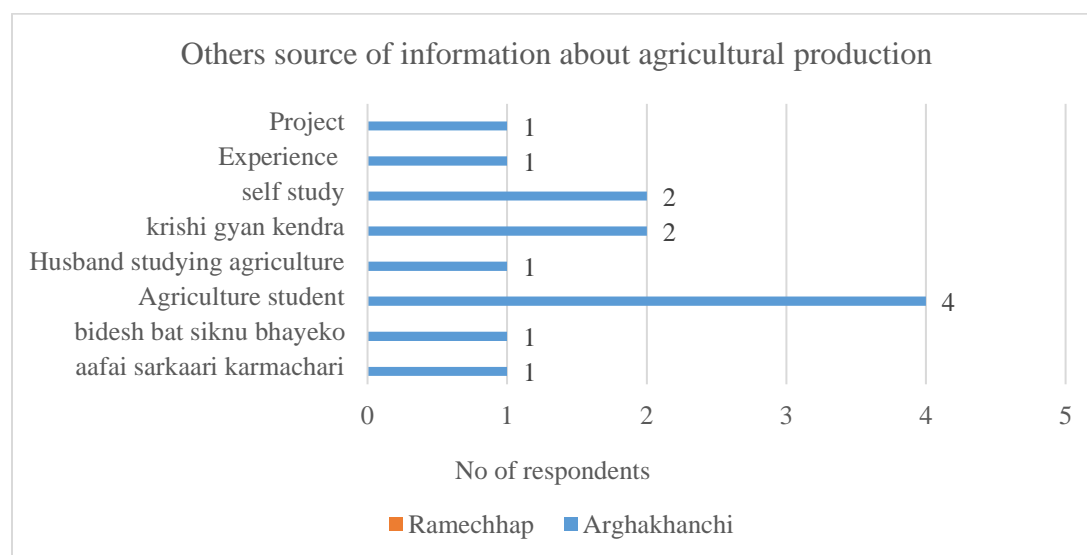
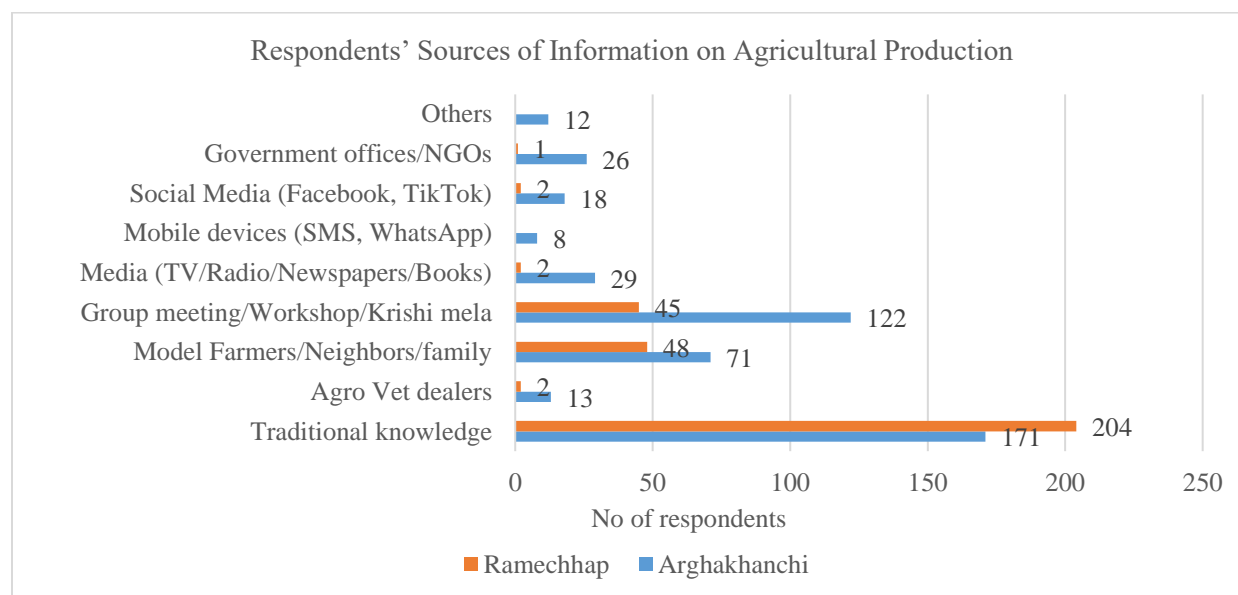
Machinery tools:

Arghakhanchi: not so difficult, Ramechhap: Difficult



C1.6. What are the primary sources of information about agricultural production?

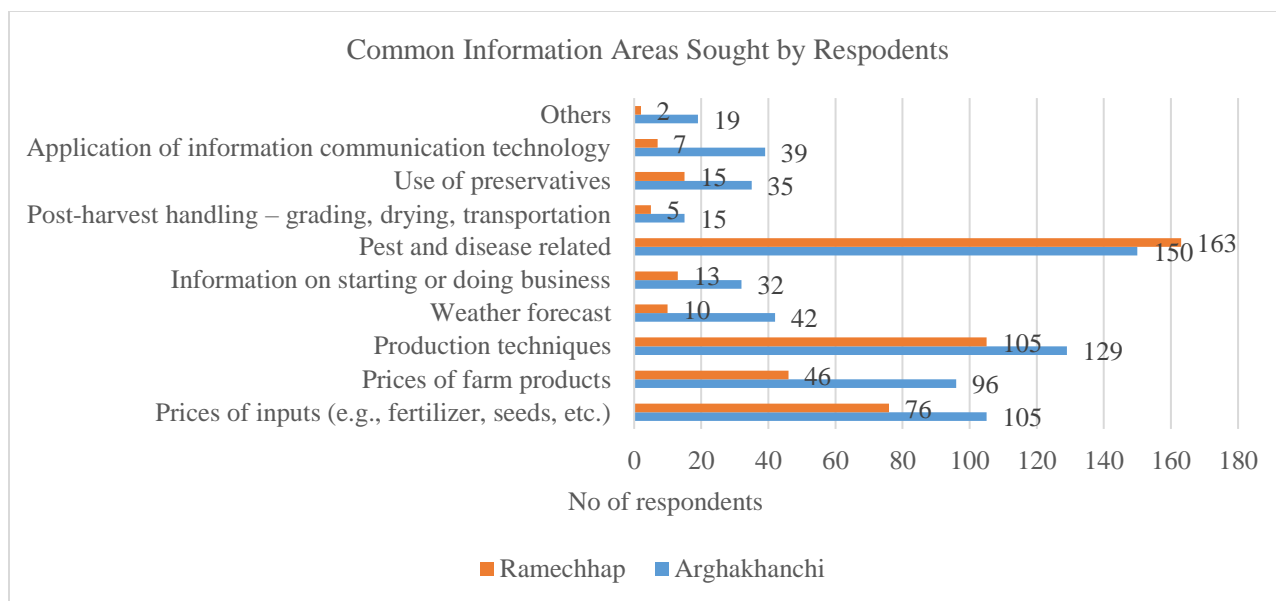
Traditional knowledge and *Krishi mela*



C1.7. What information do you often look for?

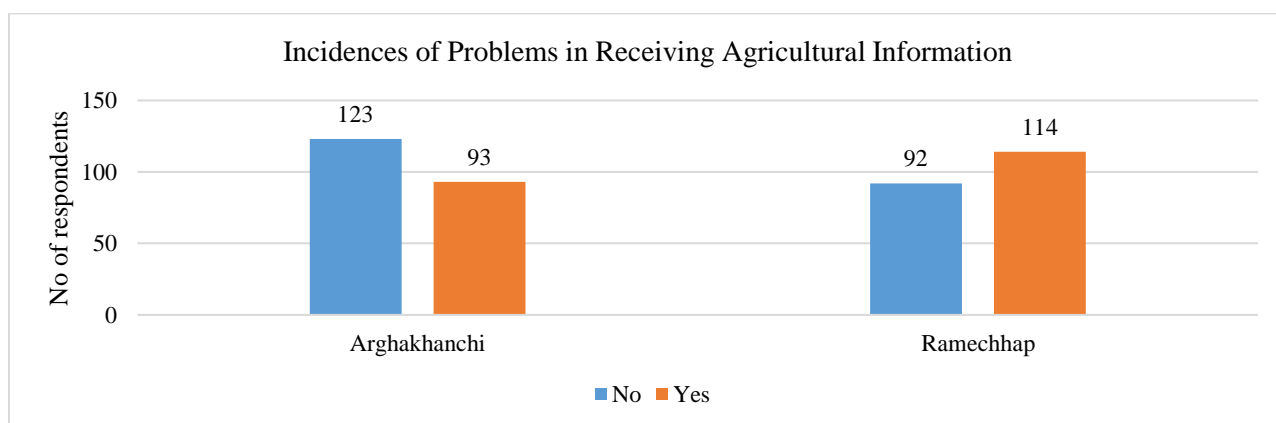
Pest management, input prices and production techniques

Common Information Areas Sought by Respondents



C1.8. Are you facing problems in receiving agricultural information?

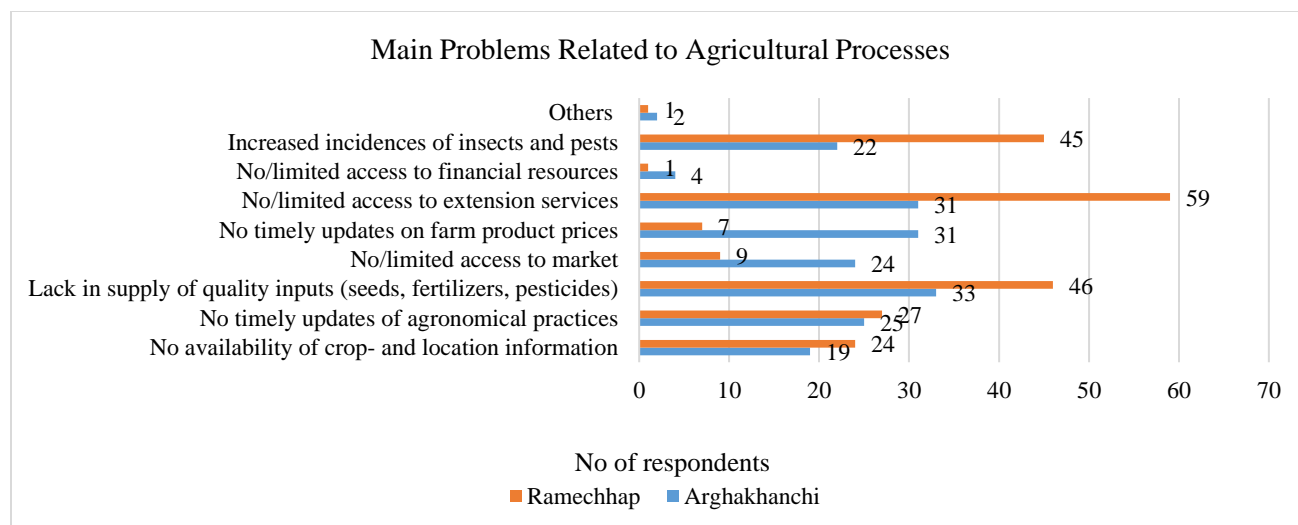
Ramechhap has more difficulty compared to Arghakhanchi



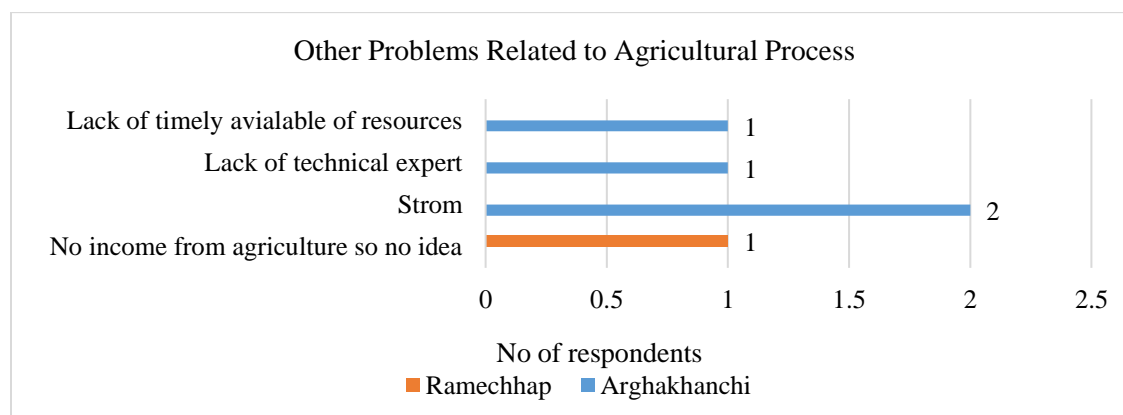
C1.9 What are those MAIN problems?

Arghakhanchi: No extension services and quality input supplies.

Ramechhap: No extension services, pest management and quality input supplies



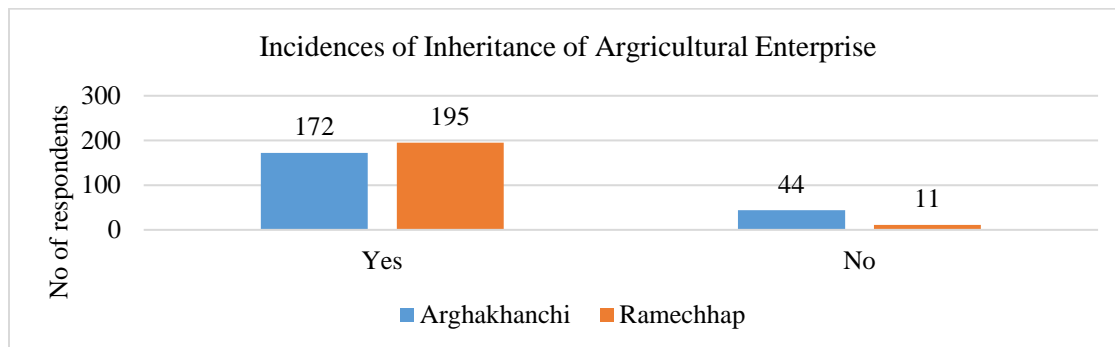
Other Problems Related to Agricultural Processes



Section D. Business attributes

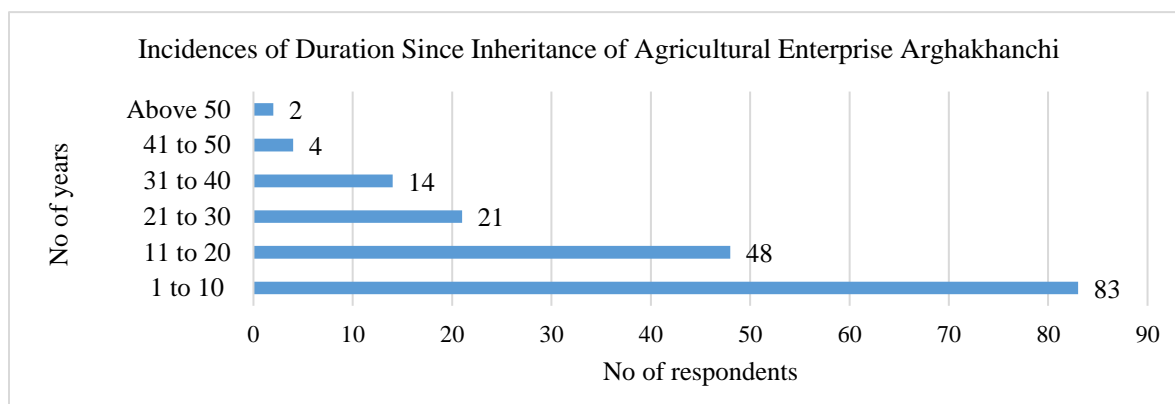
D1. Did you carry over this enterprise from your family?

More inherited farms in Ramechhap

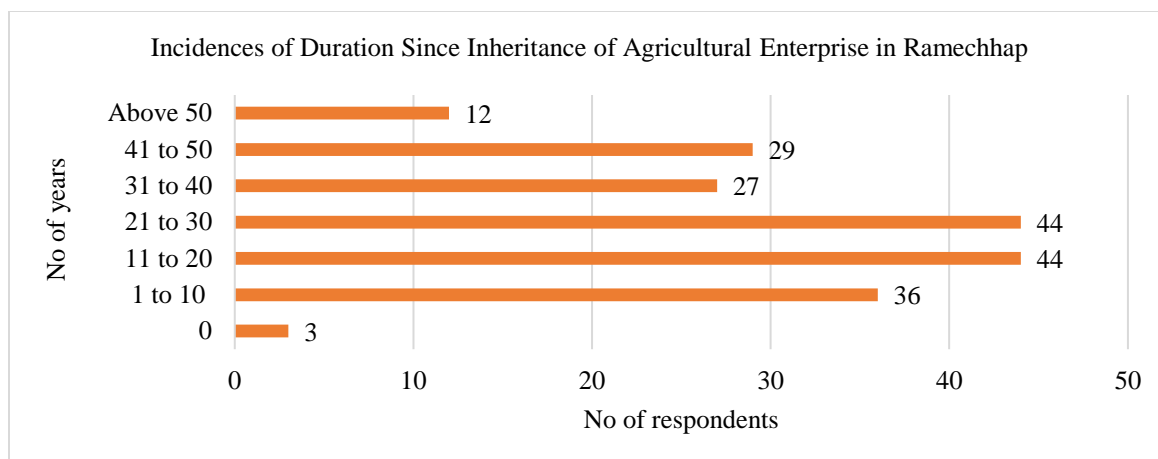


D1.1 If yes, when was it inherited? [Year]

Around 10-12 years ago in Arghakhanchi

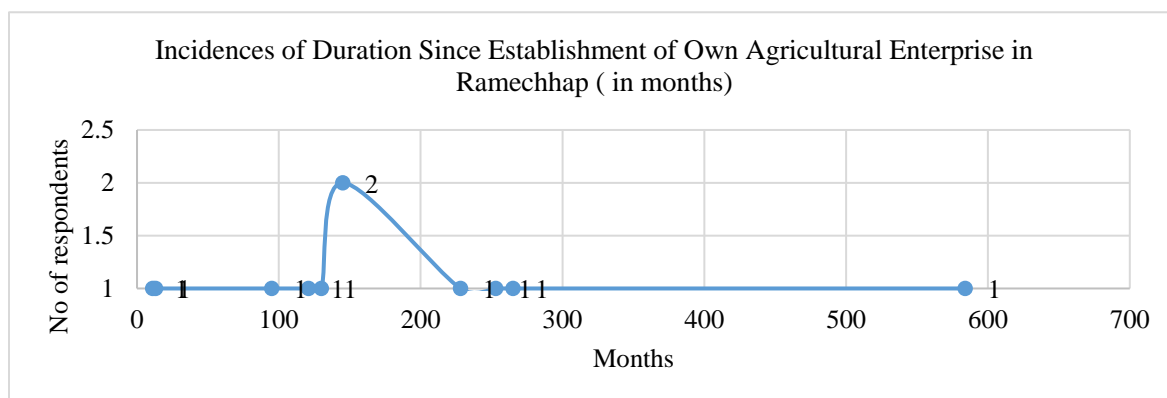
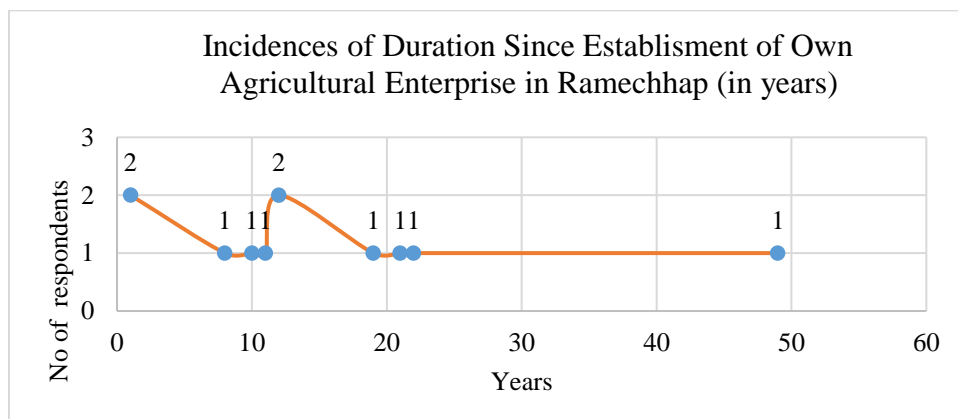


Around 10-30 years ago in Ramechhap

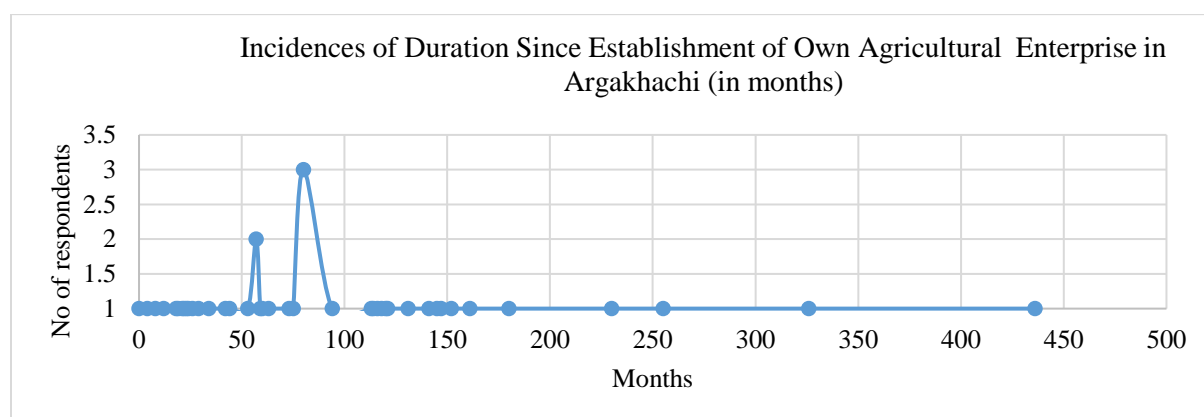
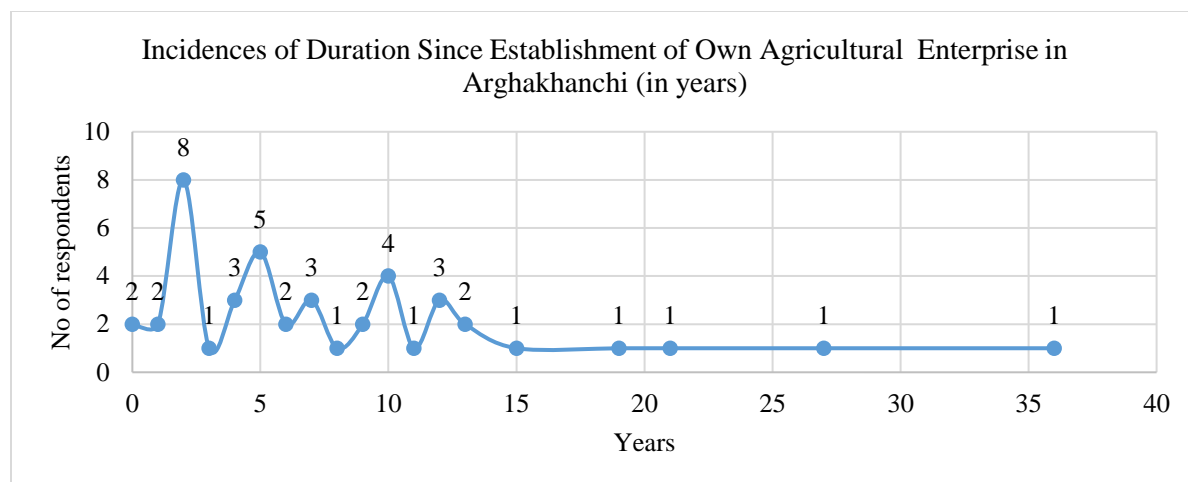


D1.2 If no, when did you start your commercial vegetable /legume production/business enterprise?

Ramechhap: More than 15 years ago



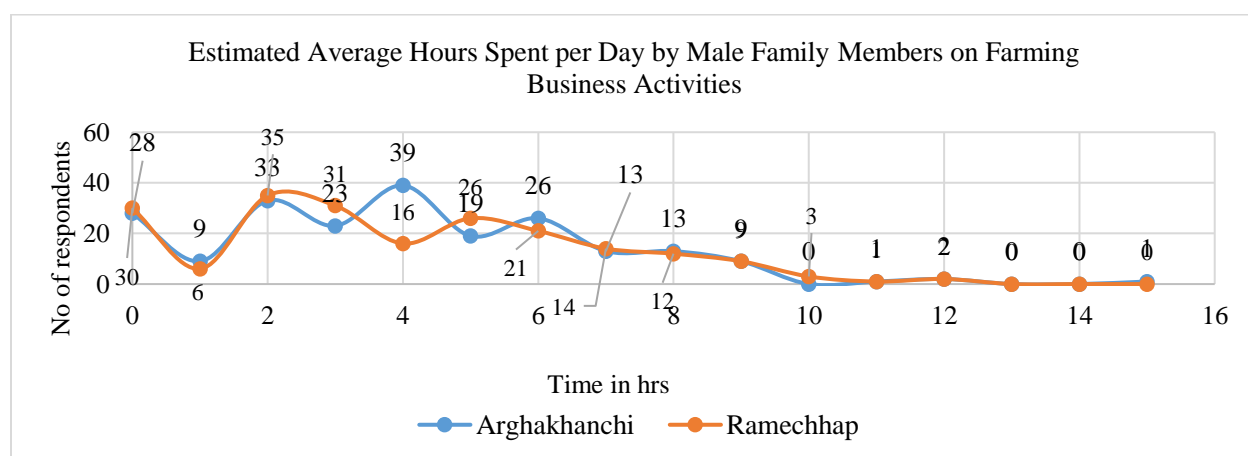
Arghakhanchi: around 10 years ago



D2a. How many hours do Male family members spend on farming/business activities? [hours/day]

Arghakhanchi: average 5 hours per day

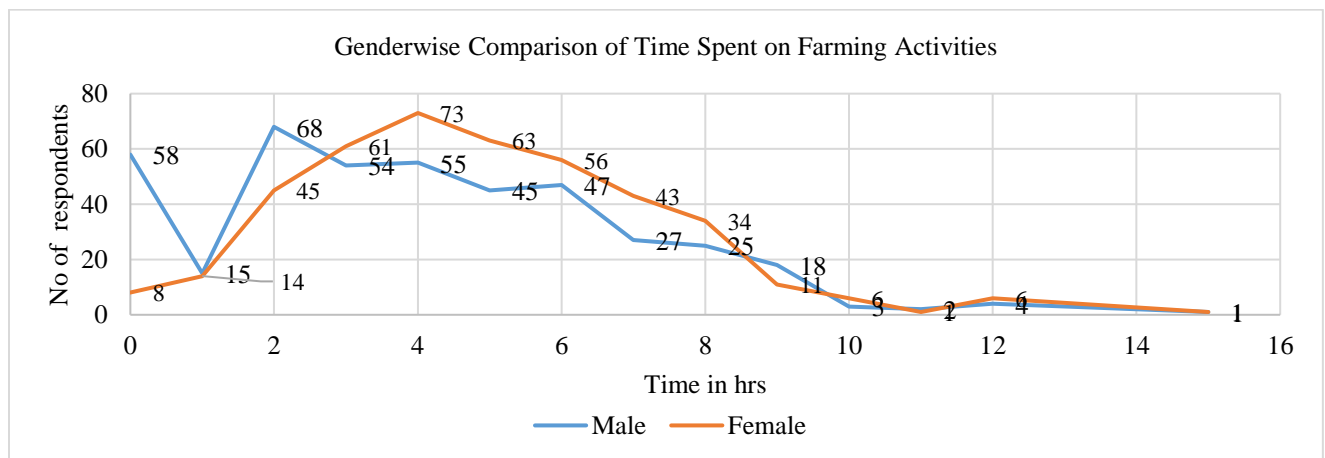
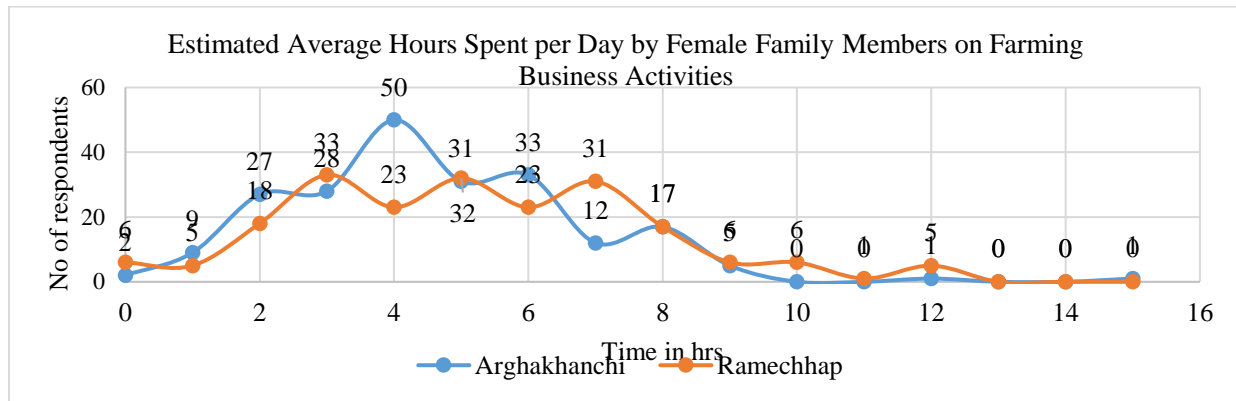
Ramechhap: average 4 hours per day



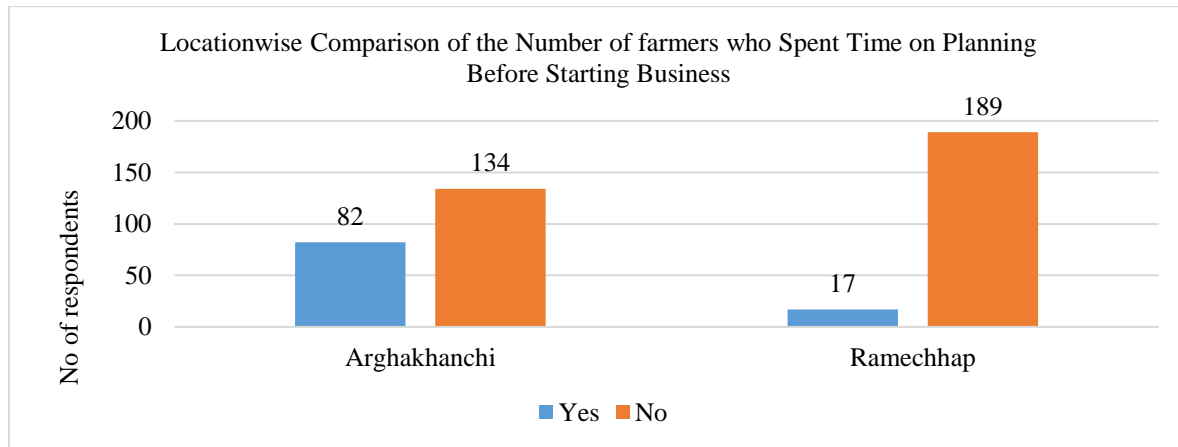
D2b. How many hours do Female family members spend on farming/business activities? [hours/day]

Arghakhanchi: 5-6 hours/day

Ramechhap: 4 hours/day



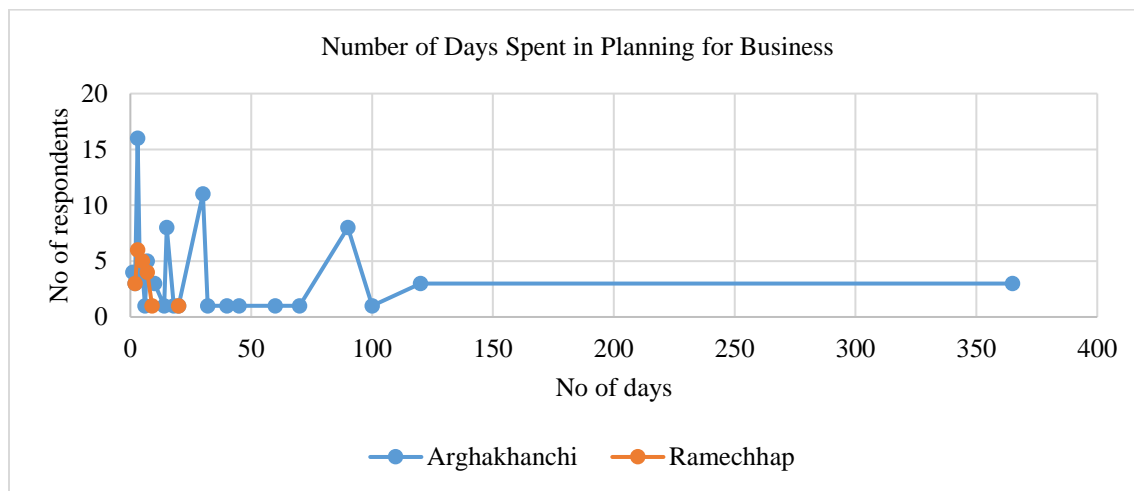
D3. Did you spend time in business planning before taking over the business or in the early stage of business? (e.g., consultation, training)?



D3.1 If yes, how many days did you spend on business planning [no. of days]

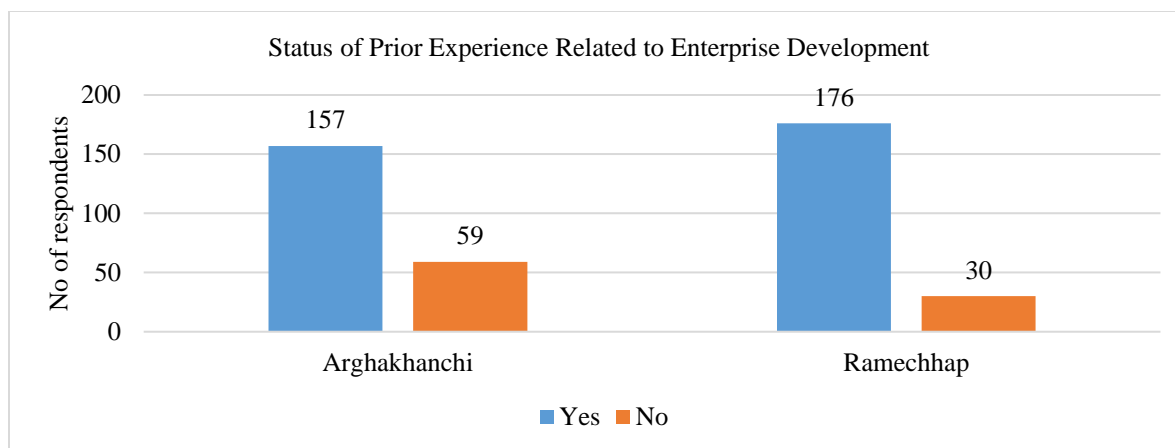
Arghakhanchi: slowly started

Ramechhap: not so popular



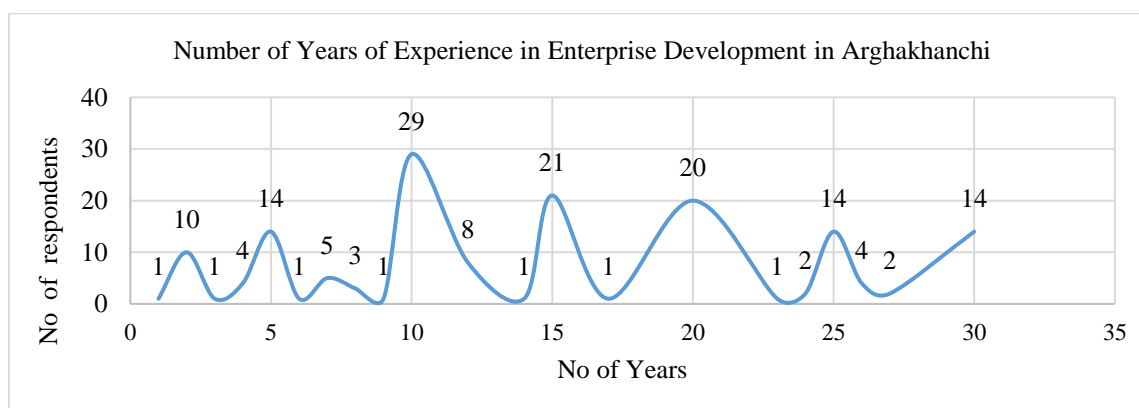
D10. Do you have prior experiences relating to enterprise development (e.g., legume and vegetable farming)?

Most of the farmers have prior experiences

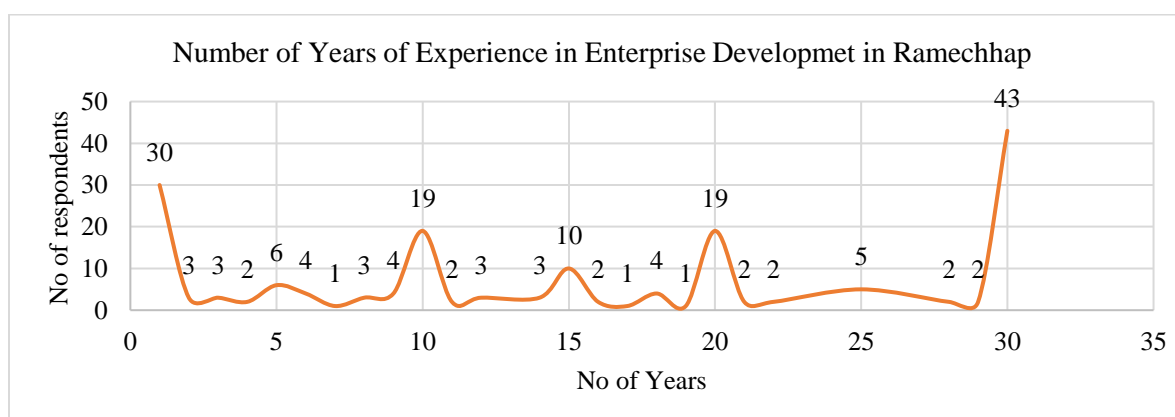


D11. State the no. of years of experience

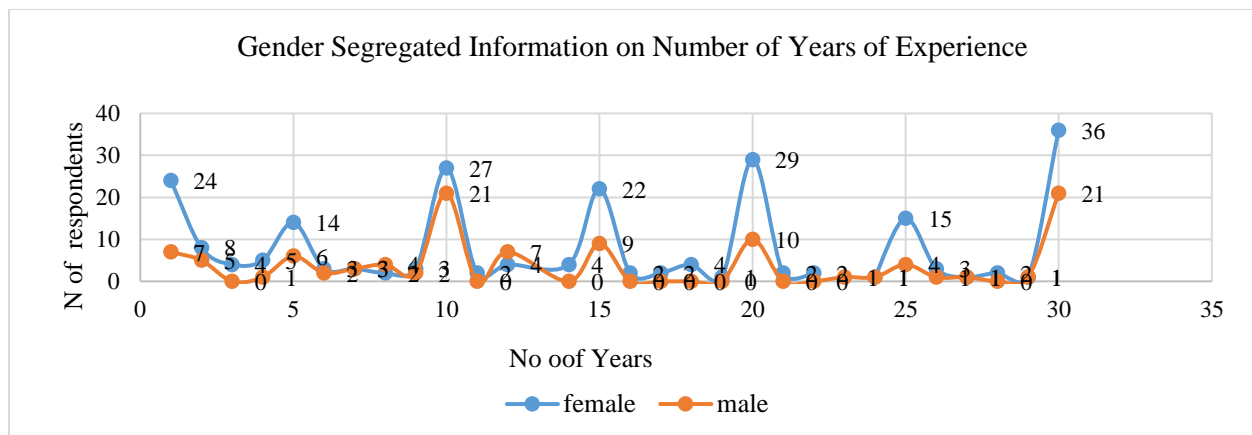
Most of the farmers have 5-20 years of experience



Most of the farmers have 10-30 years of experience

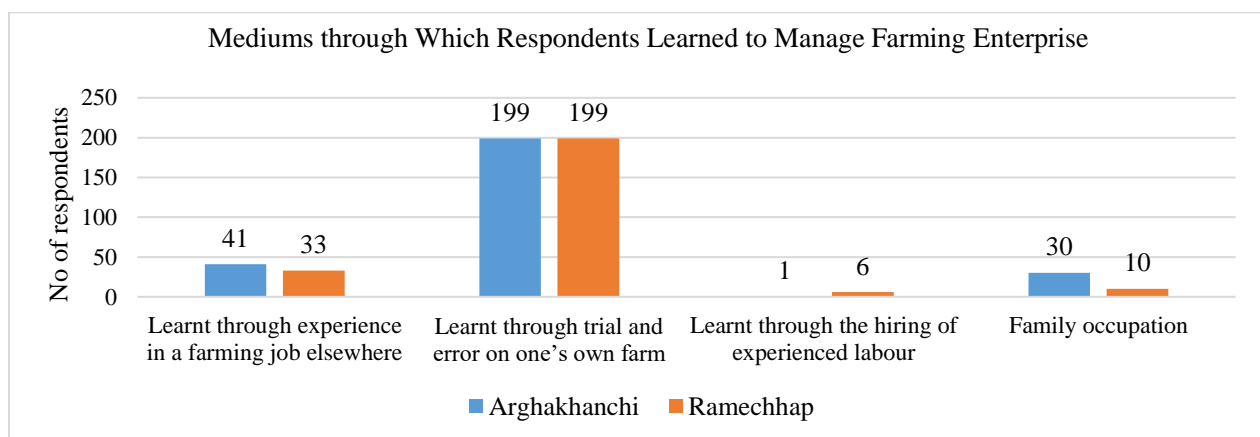


Arghakhanchi: many of them were experienced, Ramechhap: few years of experience



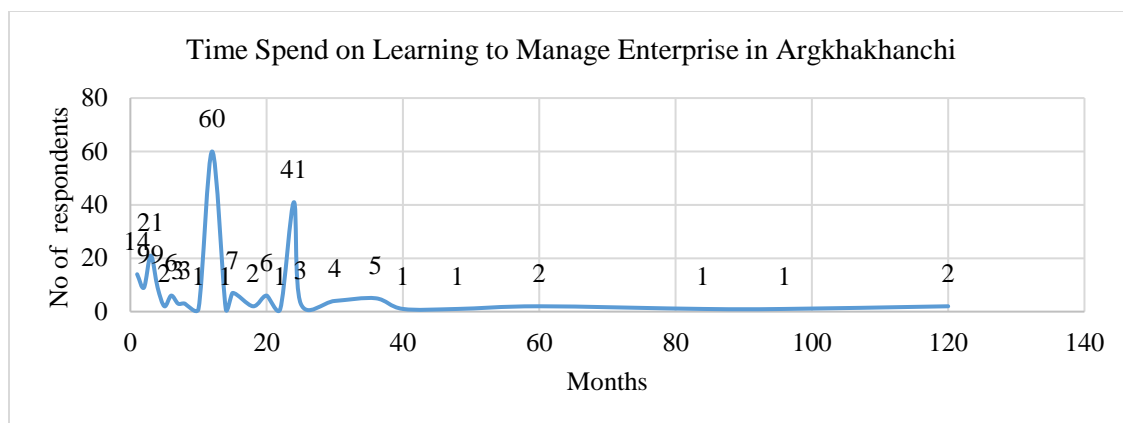
D6. How did you mainly learn to farm or manage your farming enterprise?

Most of them by trial and errors

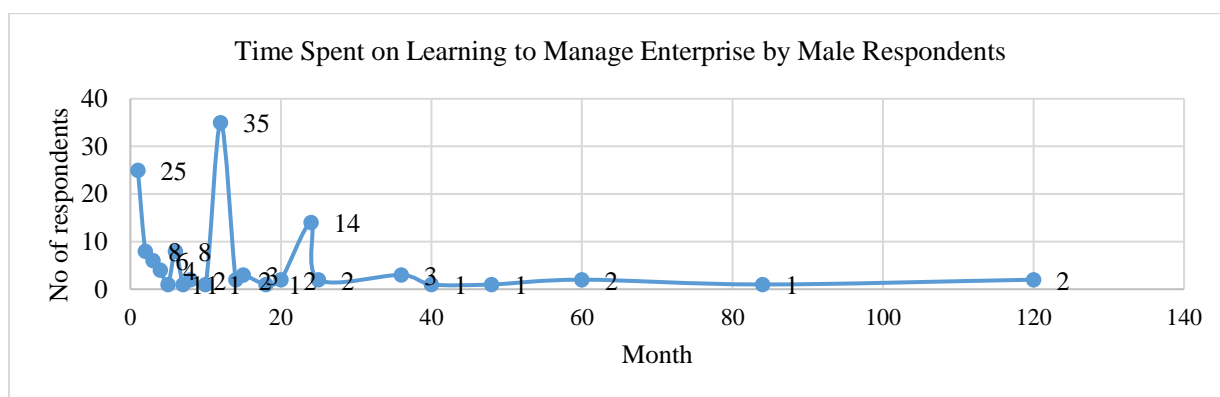
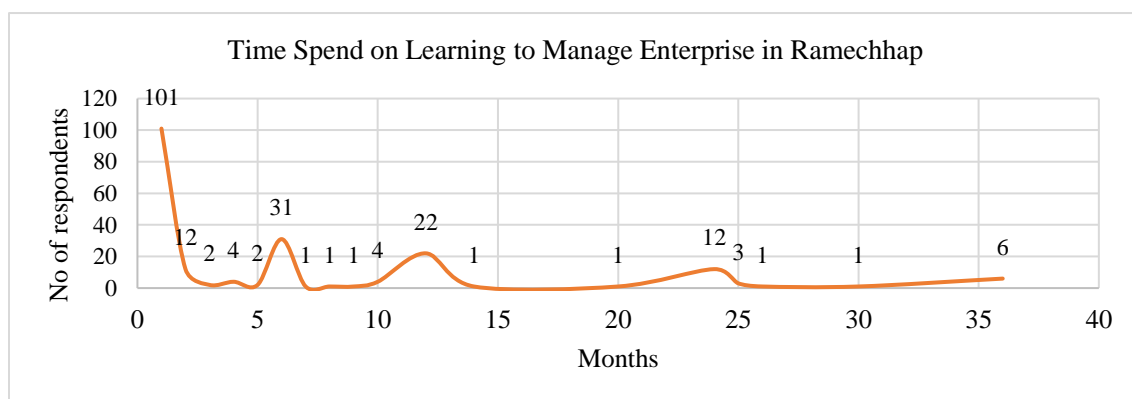


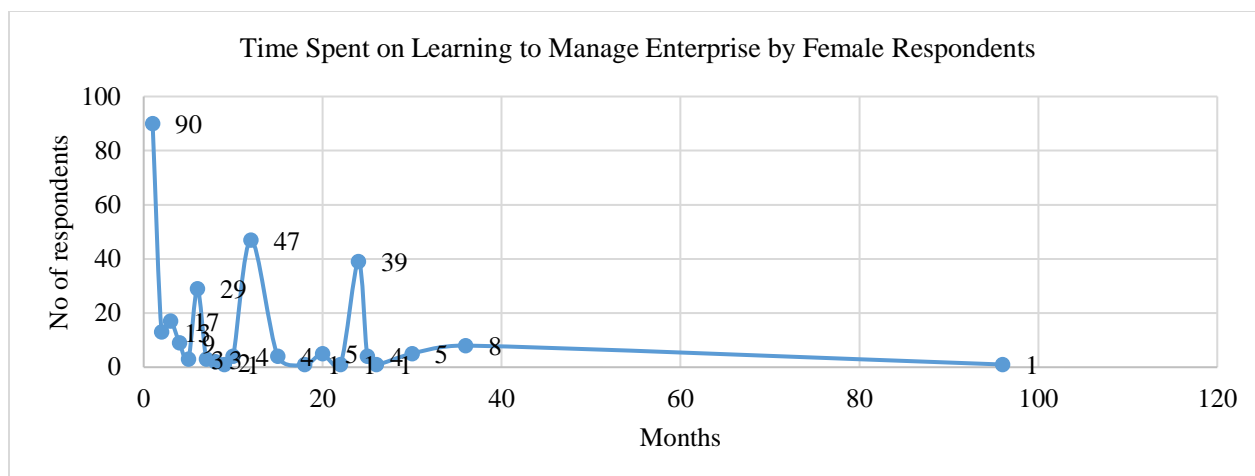
D7. How long did you spend learning farming enterprises? Mention the number of months spent in learning phase

Most of the farmers learned in less than 30 months



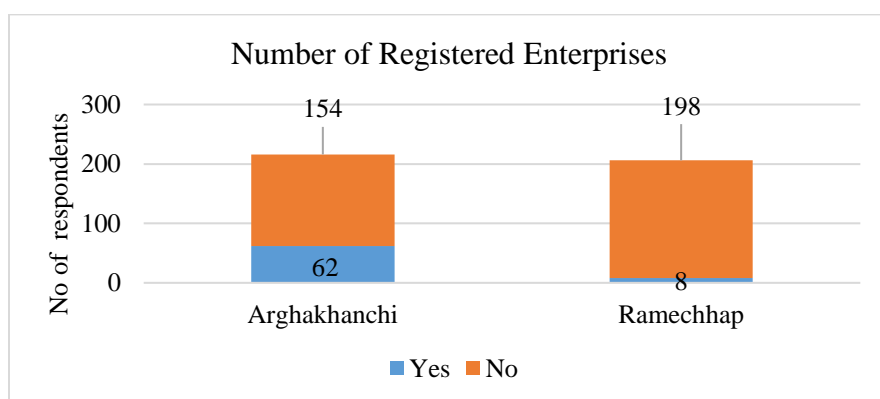
Most of the farmers learned in less than 15 months





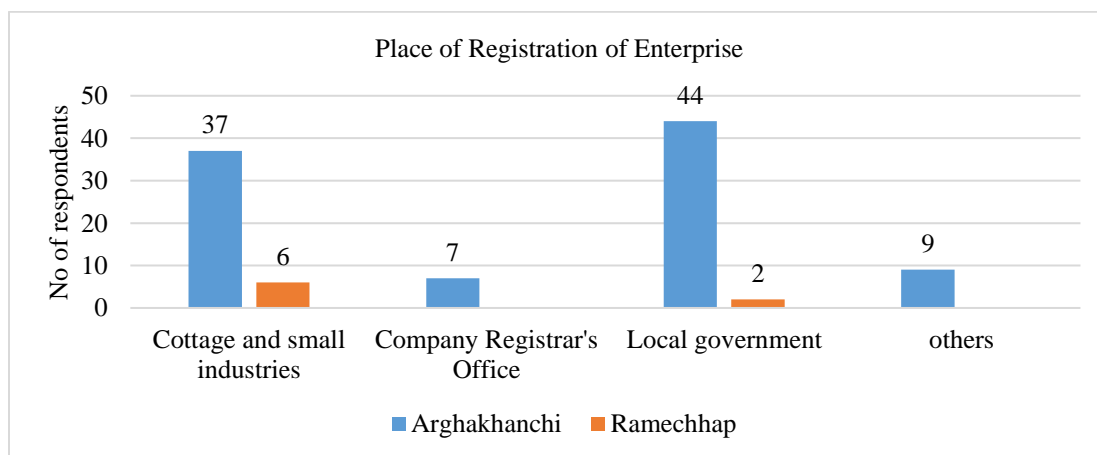
D8. Is your enterprise registered?

Majority registered in Arghakhanchi



D9.2 Where have you registered your firm/enterprise?

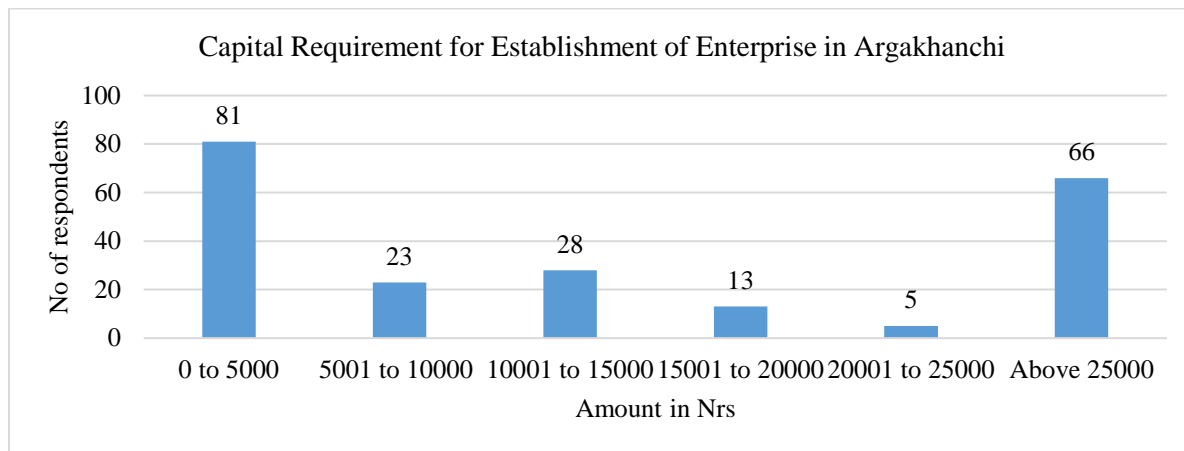
Arghakhanchi: Local govt., and cottage and small industries



D13. What was the capital required for establishing your firm/ enterprise development?

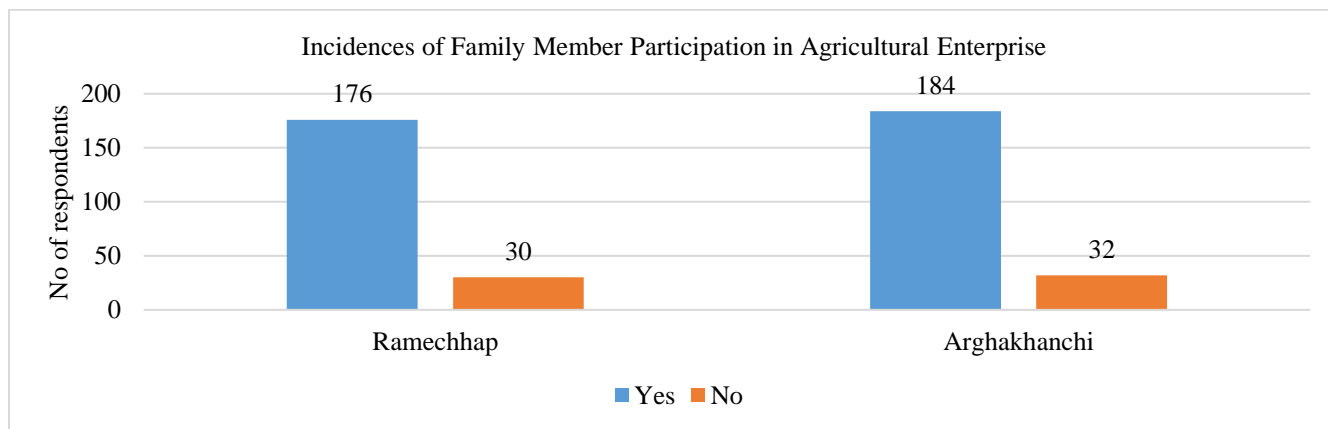
(Ask question only in Arghakhanchi)

Majority had small investments, but a significant number also made a large investment



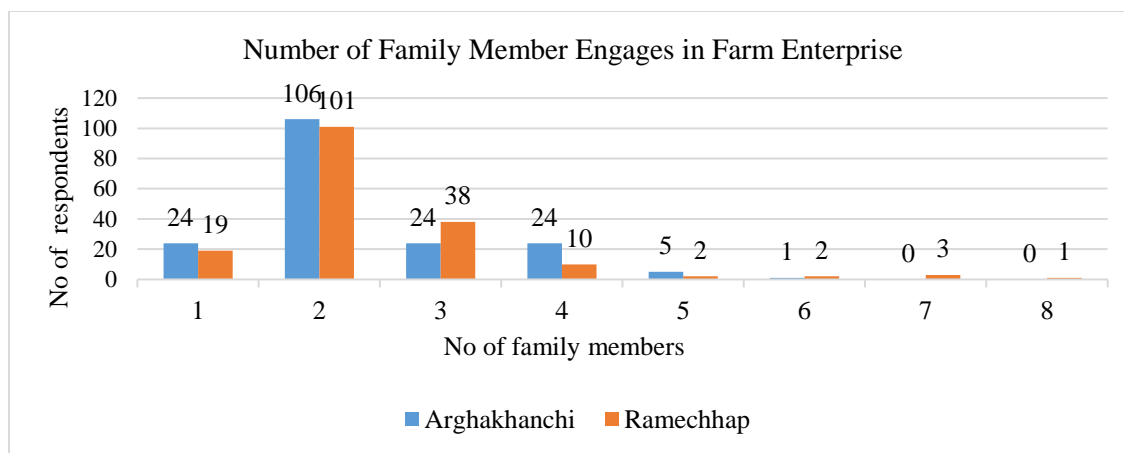
D14. Do your family members participate in your farm/ enterprise too?

Majority receive family support



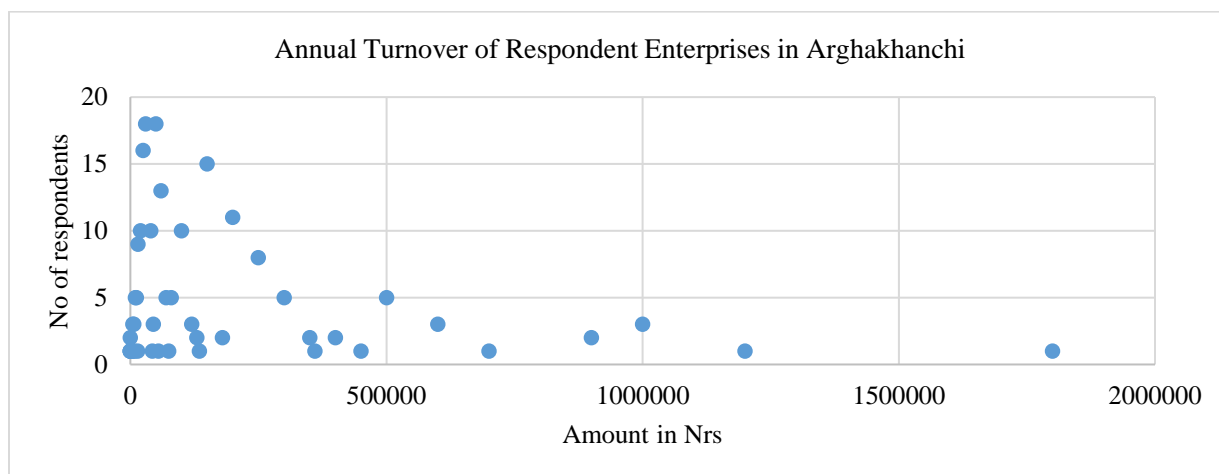
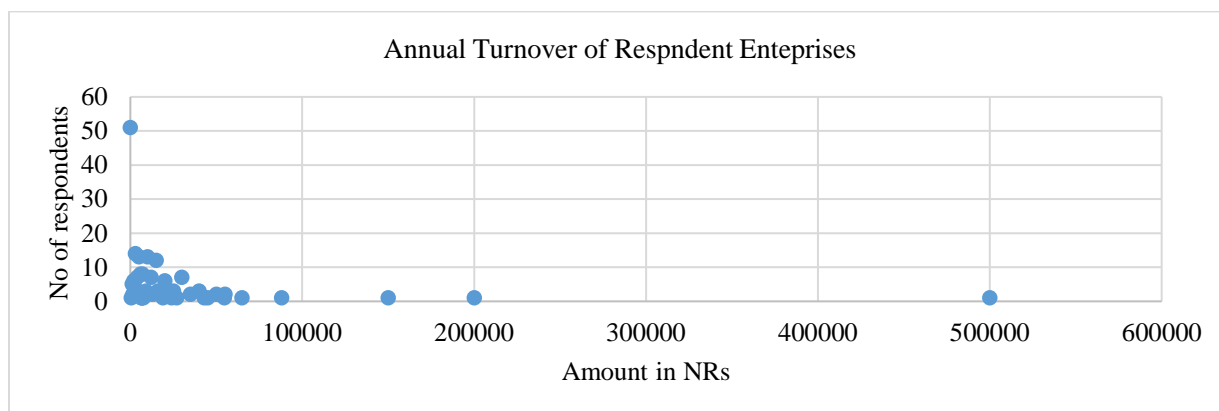
D15. How many family members, including you, are involved in farm enterprise?

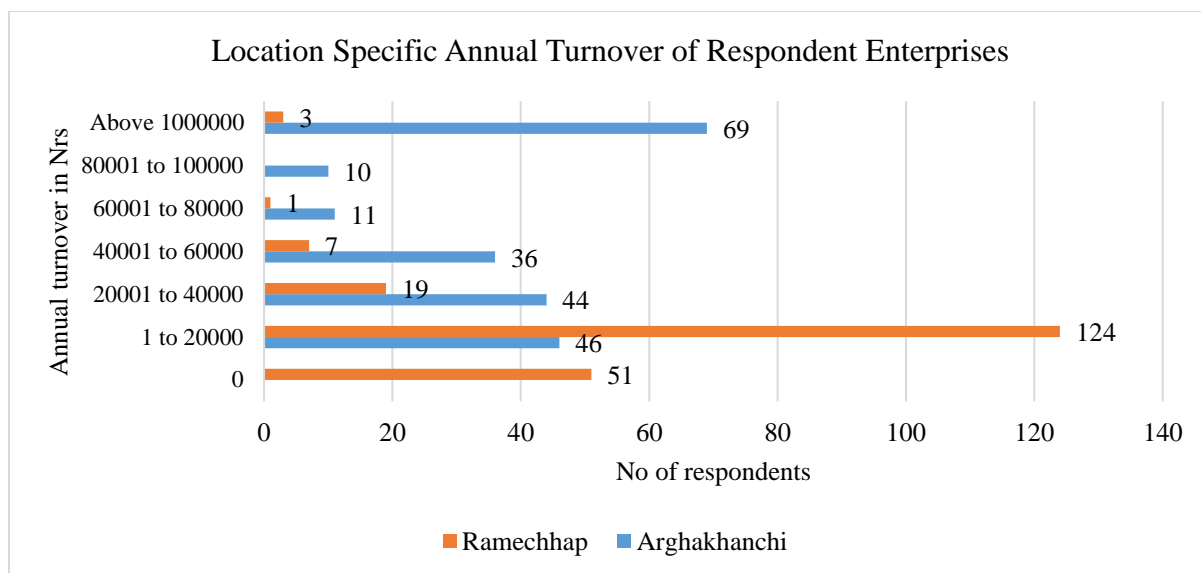
Mostly 2 family members engage in farm enterprise



D16. What was the annual turnover of your vegetable farming/legume production/enterprises?

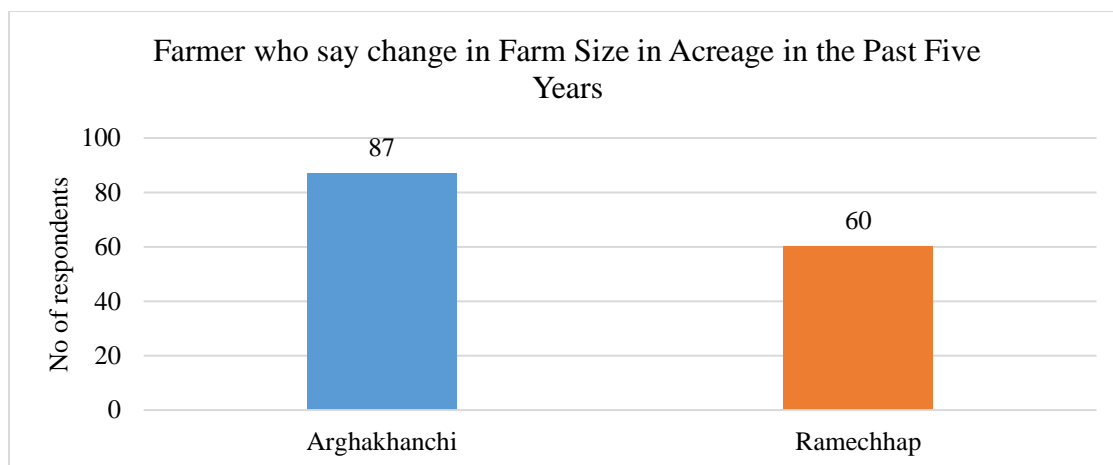
Ramechhap: small annual turnover Arghakhanchi: relatively large turnover.





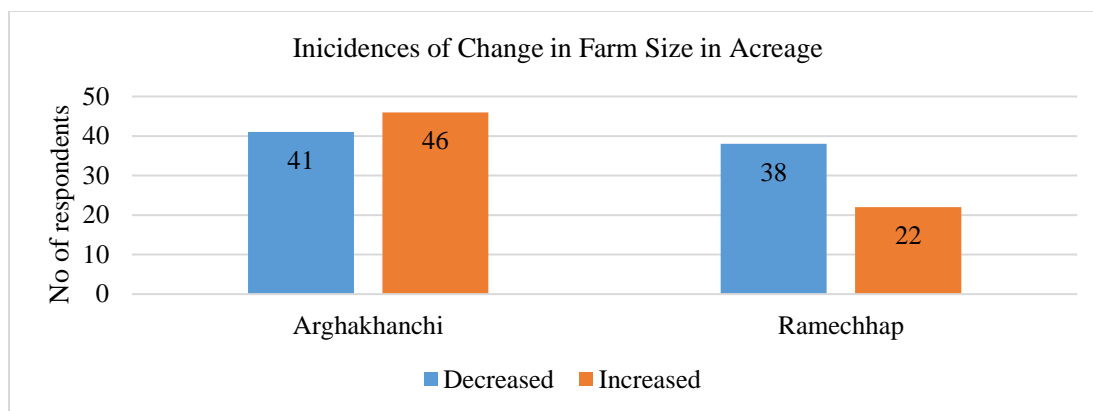
D18. Has your farm size in average changed over the last five years?

Arghakhanchi 87 and Ramechhap 60 farmers' farm size changed



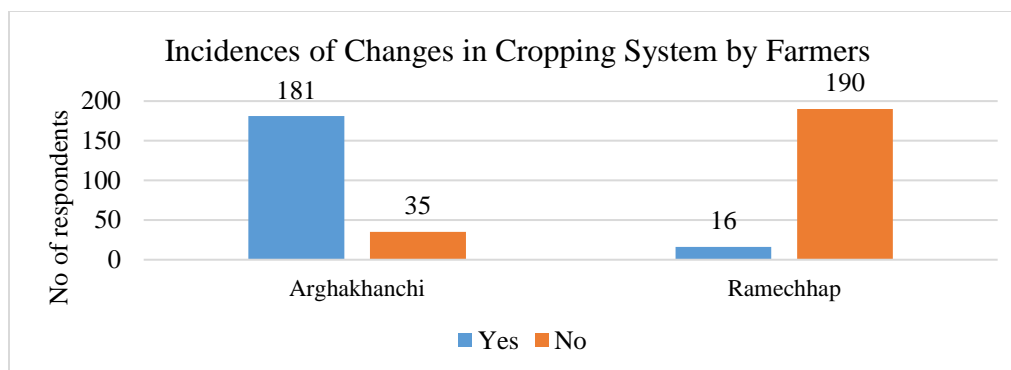
D18.1 If yes, how have you made changes to farm sizes?

Arghakhanchi: equally increased and decreased Ramechhap: many decreased



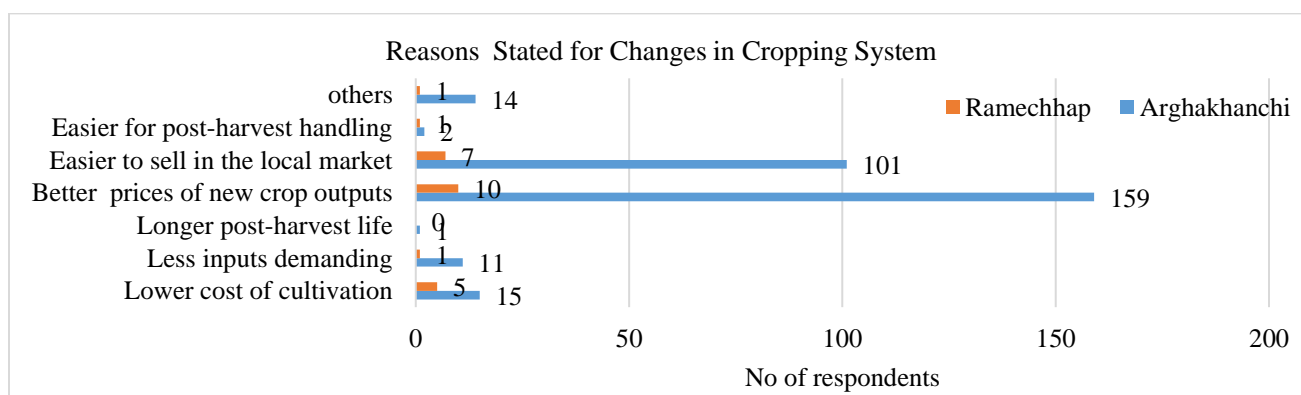
D20. Have you changed the cropping system and/or crop rotation, e.g., subsistence/regular crops to vegetables, legumes or winter green?

Arghakhanchi: more than 50% change the enterprise specialization, but not so popular in Ramechhap



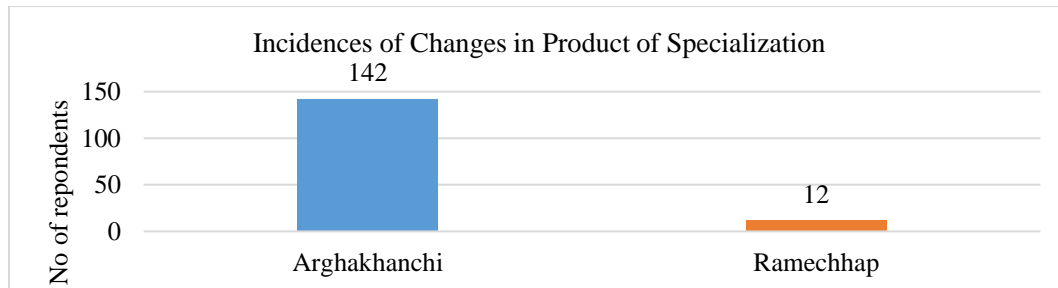
D20.1 if yes, state the reason

Arghakhanchi: Market development and easy access Ramechhap: not significant

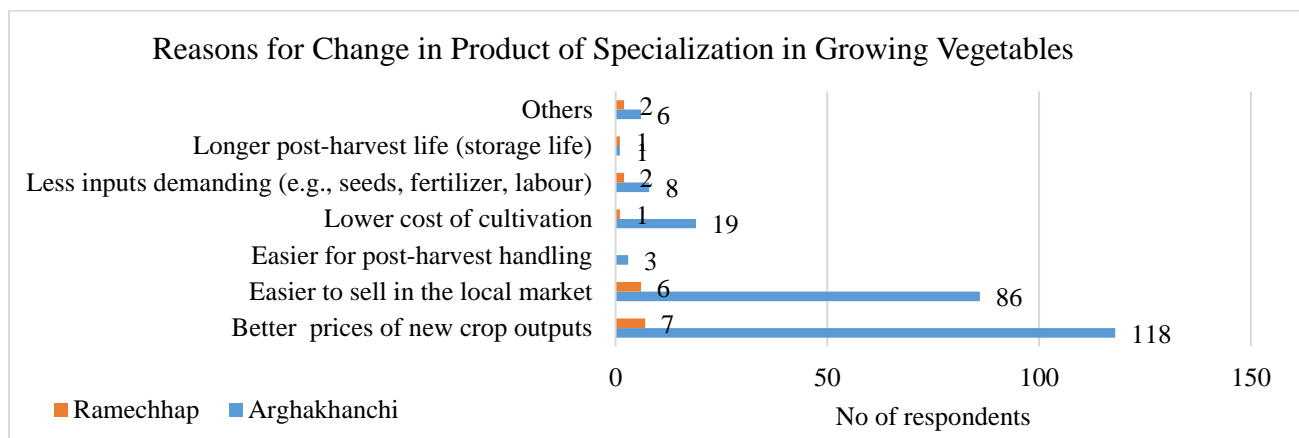


D21. Have you changed the product of specialization in growing vegetables (e.g., tomato to cauliflower) or legumes (e.g., beans to lentil)?

Arghakhanchi: mostly changed

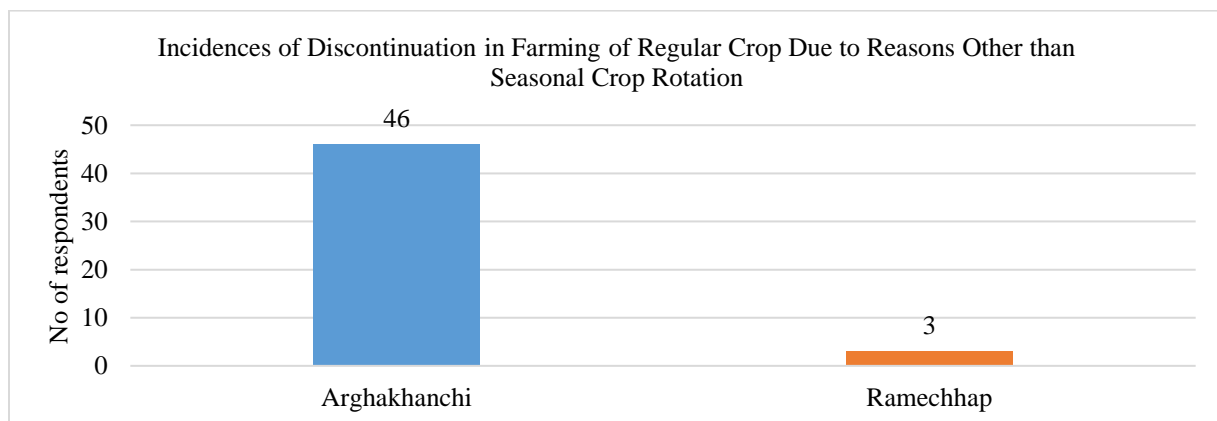


D21.1 If yes, state the reason



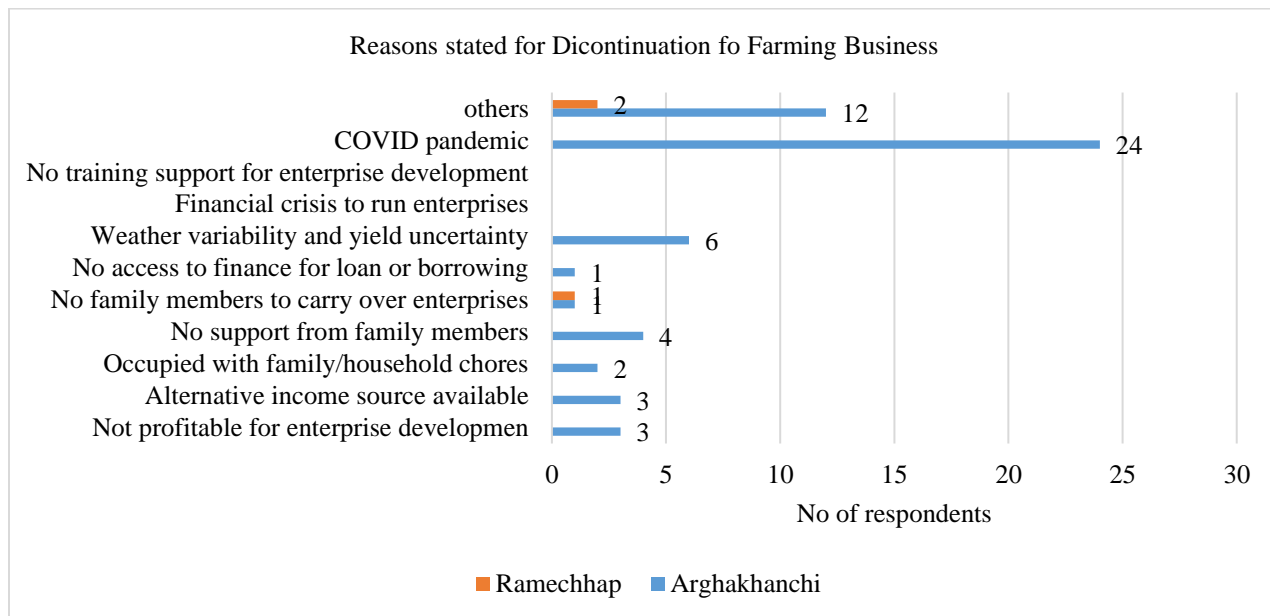
D22. Did you ever discontinue vegetable farming/legume production/business enterprises, due to any reasons other than seasonal crop rotation?

A few in Arghakhanchi, but not many in Ramechhap



D22.1 If yes, state the reason

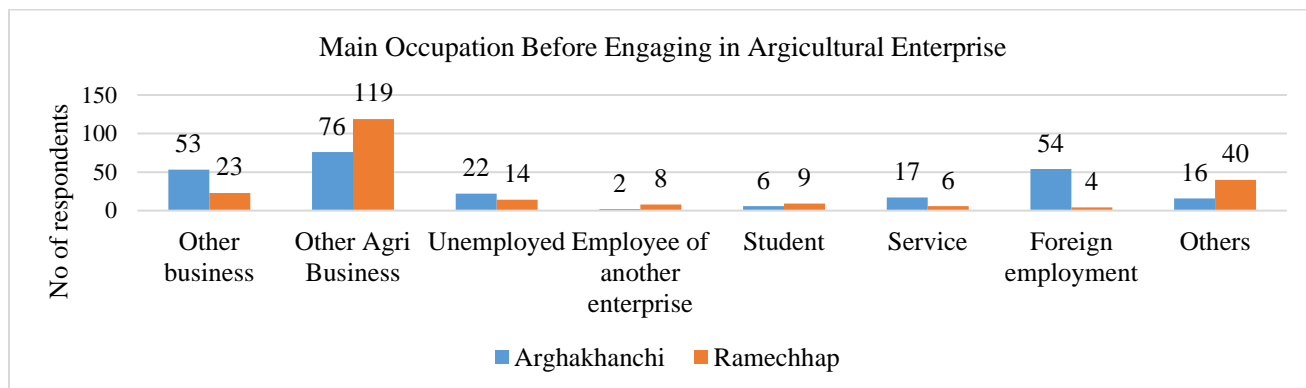
Arghakhanchi: due to COVID-19 pandemic

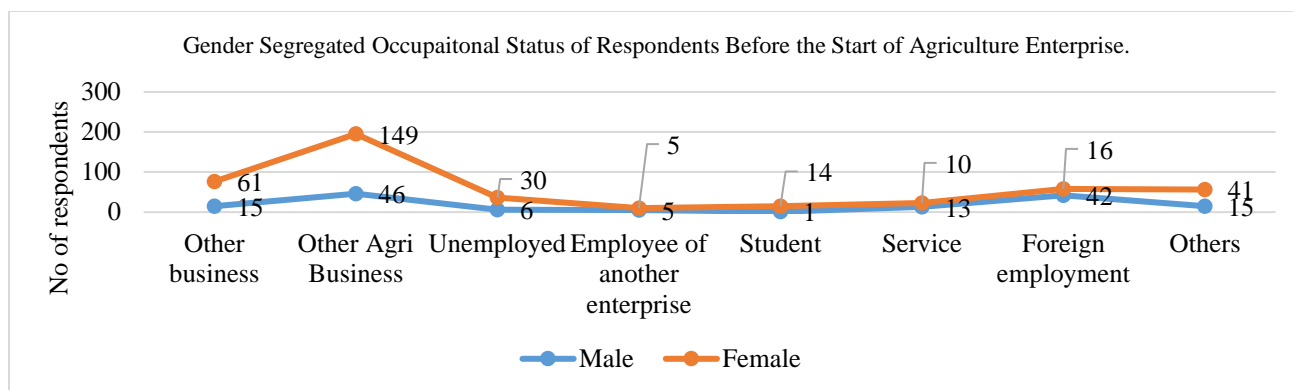


D24. What did you mainly do for a living before the start of the vegetable farming/legume production/enterprise?

Arghakhanchi: Agri-business

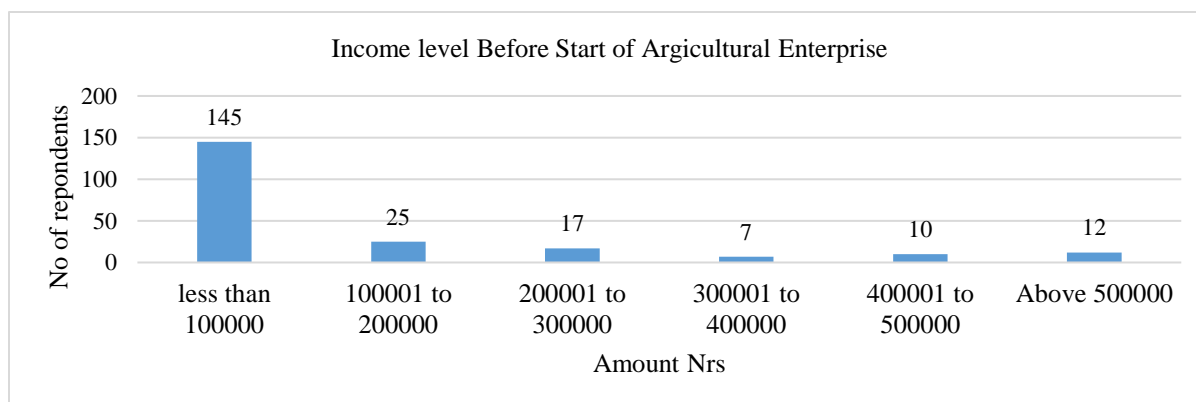
Ramechhap: Agri-business



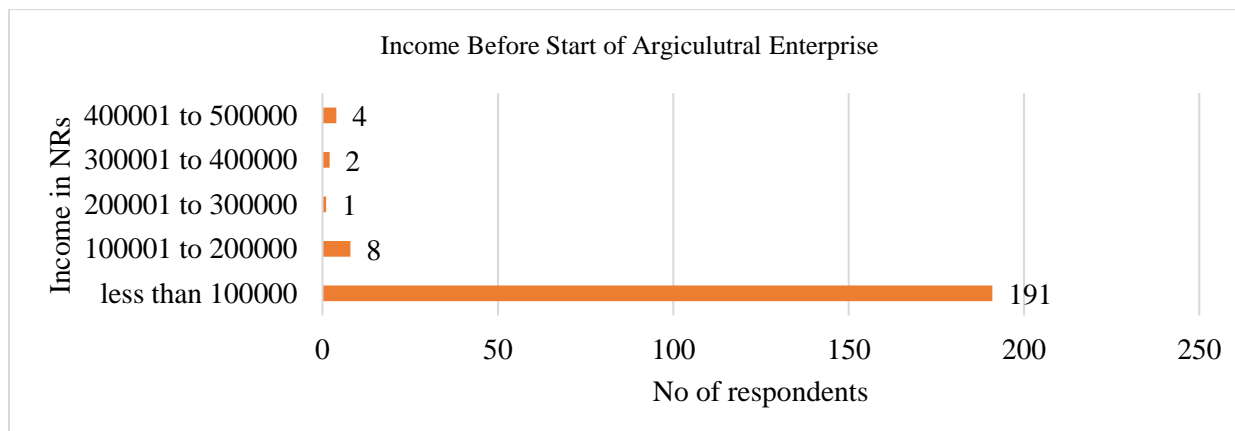


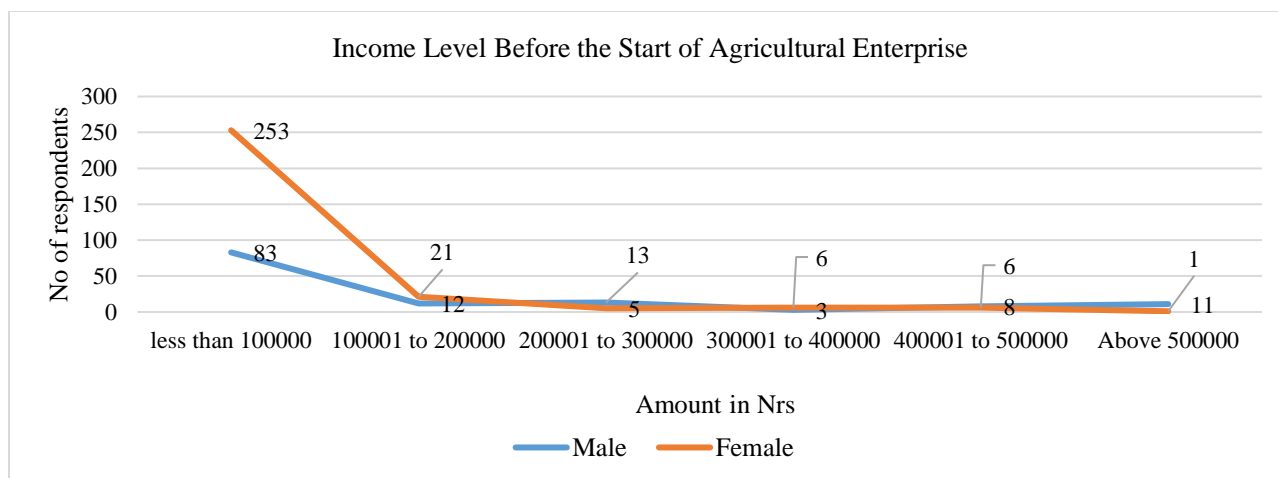
D25. What was your income before you started this vegetable farming/legume production/ enterprise?
(State your income in annual basis)

Arghakhanchi: majority had a decent level of income



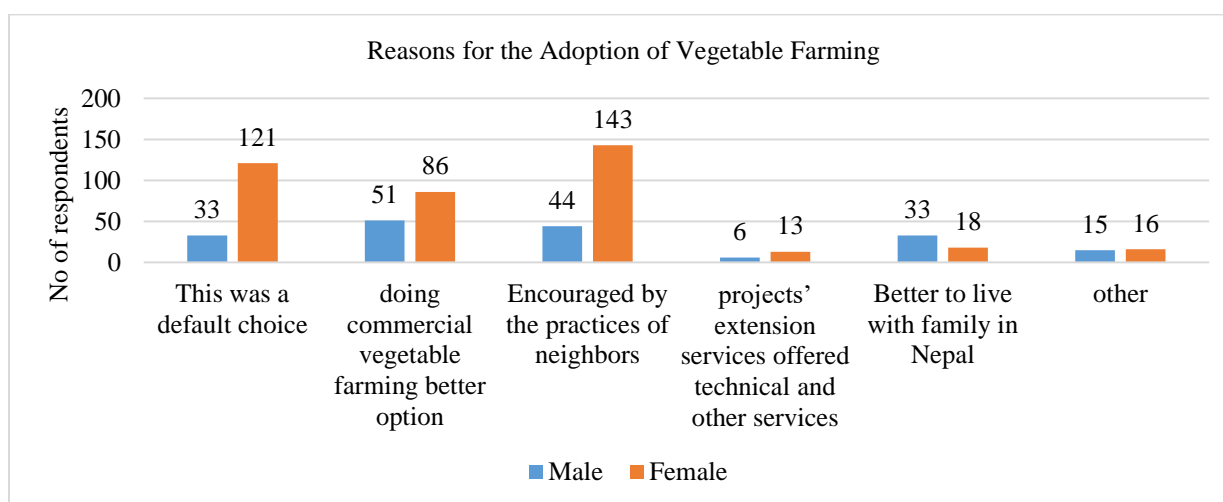
Ramechhap: subsistence income





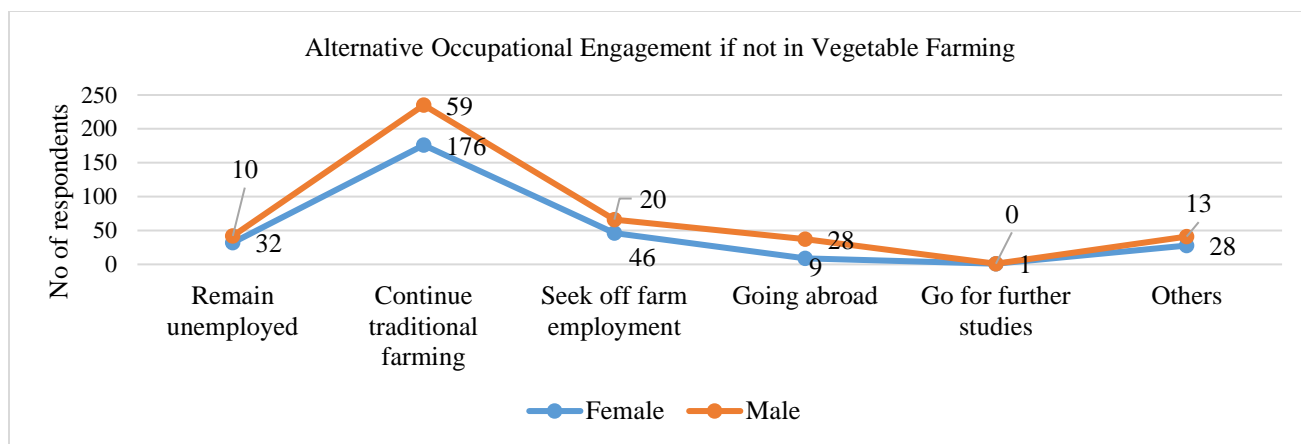
D26. What mainly made you decide to start this vegetable farming/legume production/enterprise?

Default option, career choice and neighbors' motivation



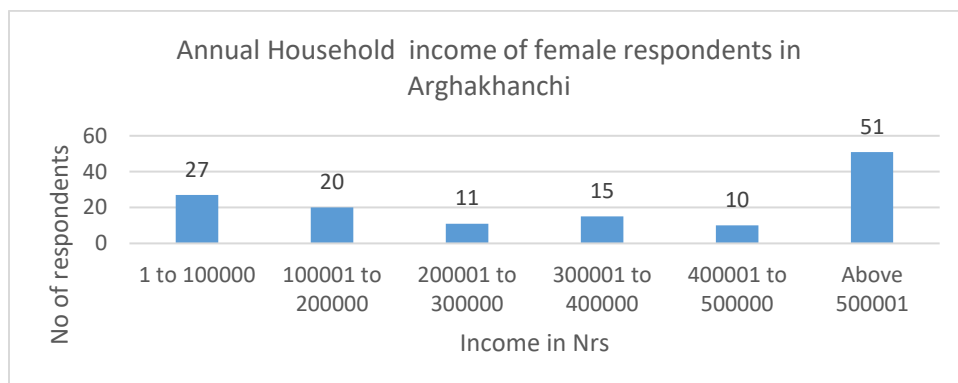
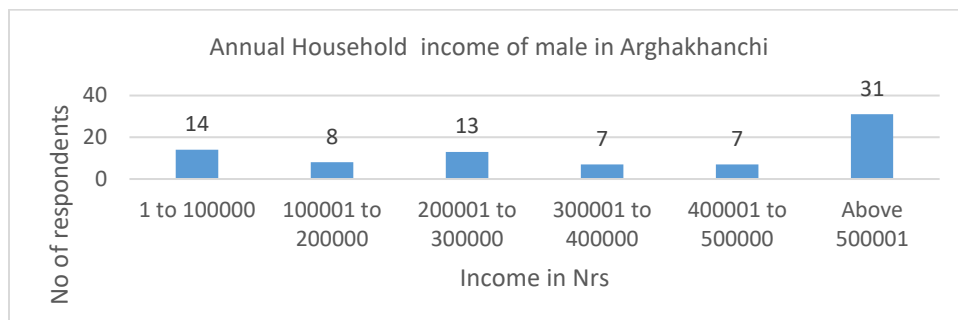
D27. What would you do if you had not started your own vegetable farming/legume production/enterprise?

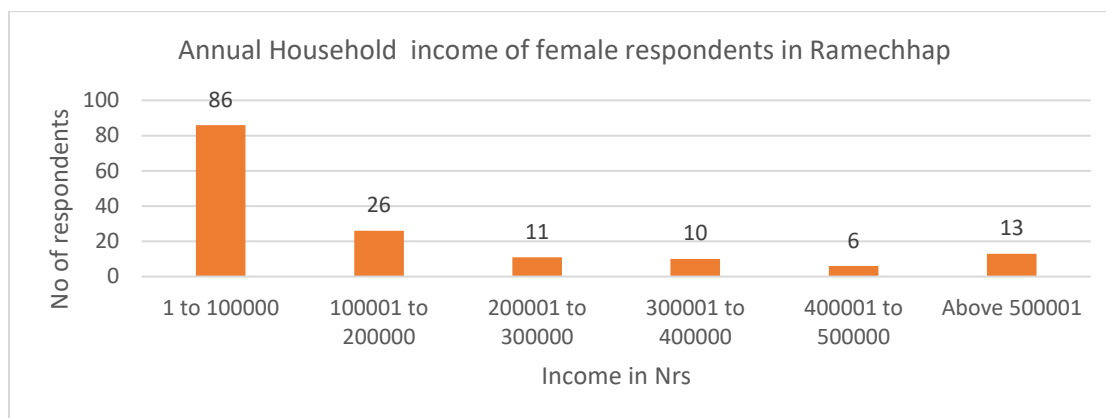
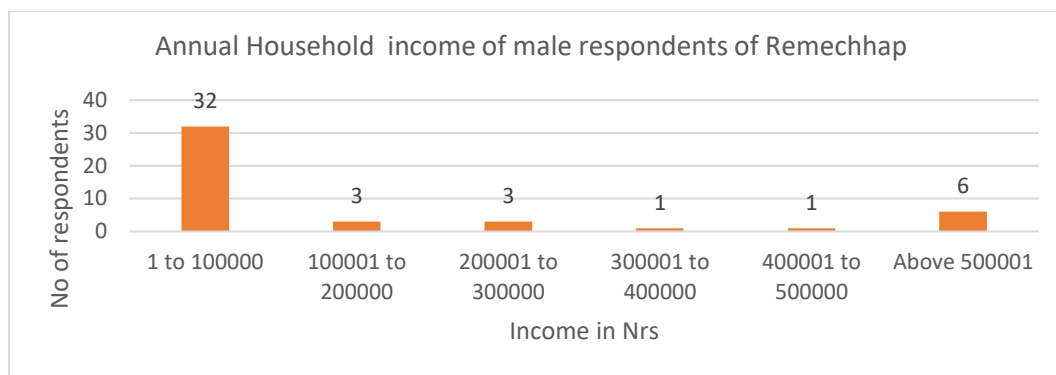
Majority had no other option



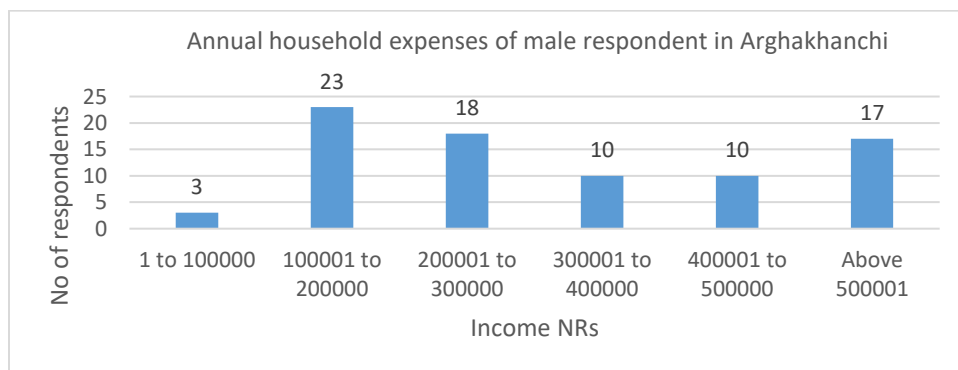
Section E. Income, expenses and finances

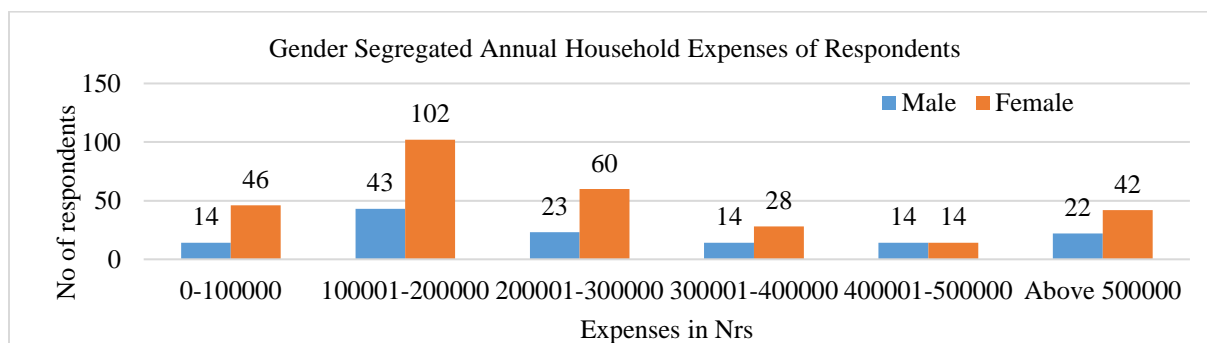
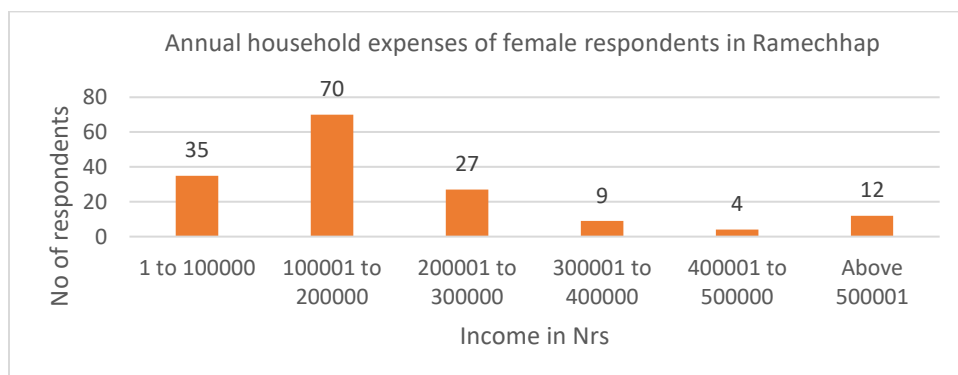
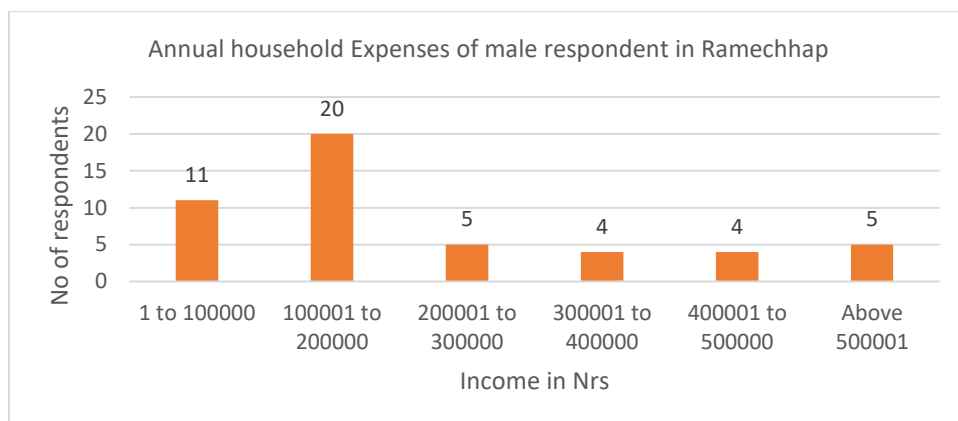
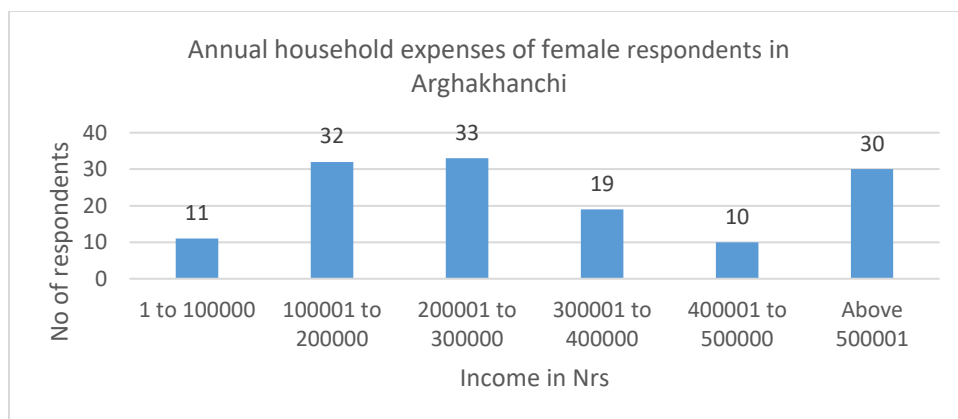
E.1 Provide average annual household income from [Rs/year]





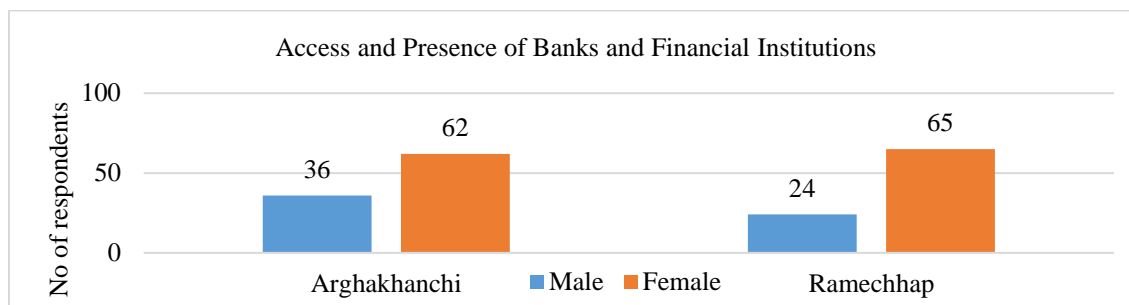
E.2 Provide average annual household expenses for [Rs/year]





3.2. Do you have banks and financial institutes in your locality? [Yes/No]

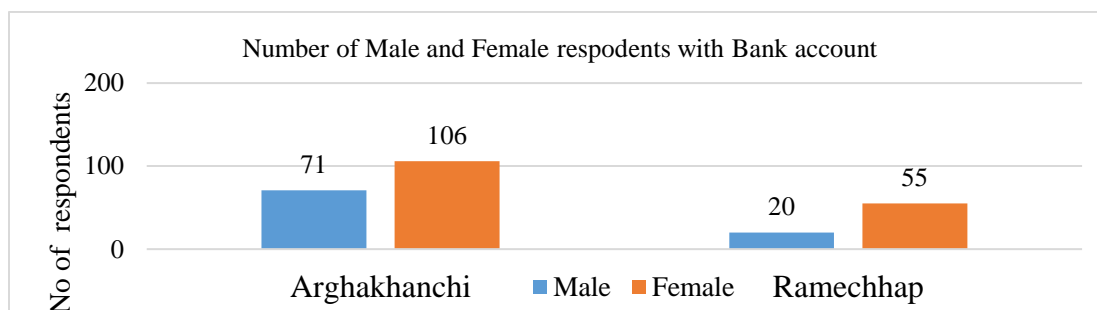
Equal access to banks



E3.3. Do you have a bank account?

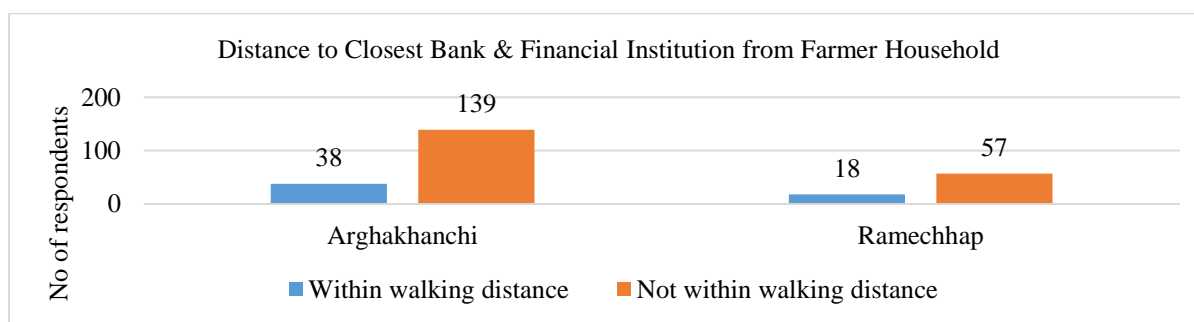
Arghakhanchi: majority yes

Ramechhap: only a few

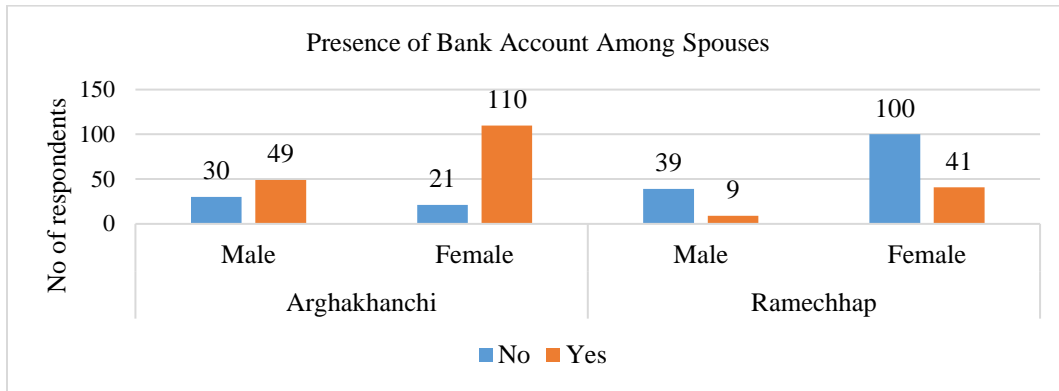


E3.3.1 Where is it located?

Banks are far from most of the farmers in Ramechhap and Arghakhanchi

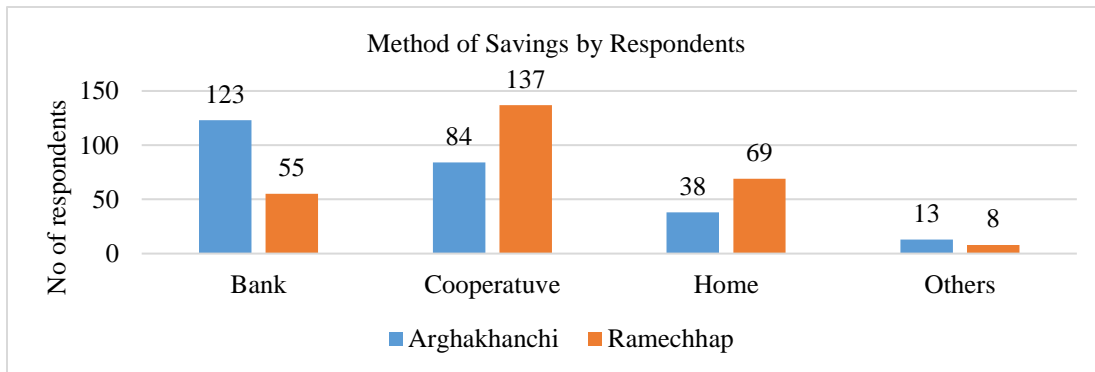


E3.4. Does your spouse have a bank account as well?

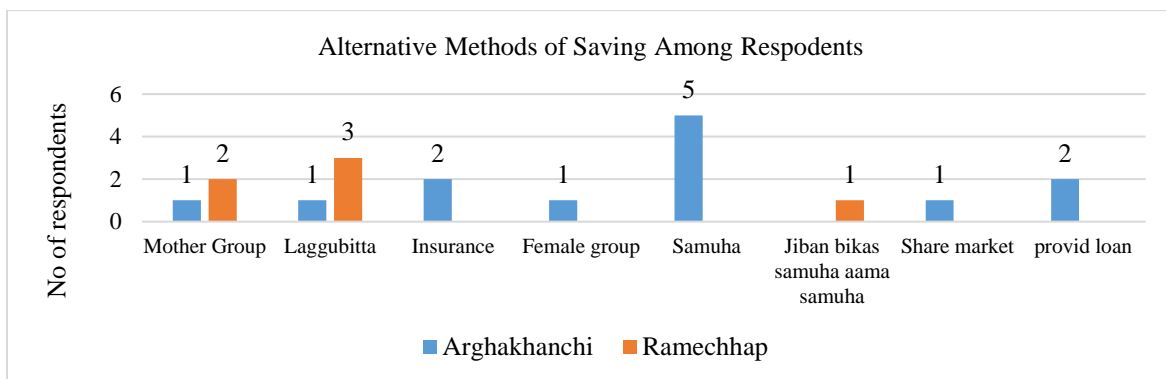


E3.5. How do you mainly keep/save your money?

Cooperatives and banks

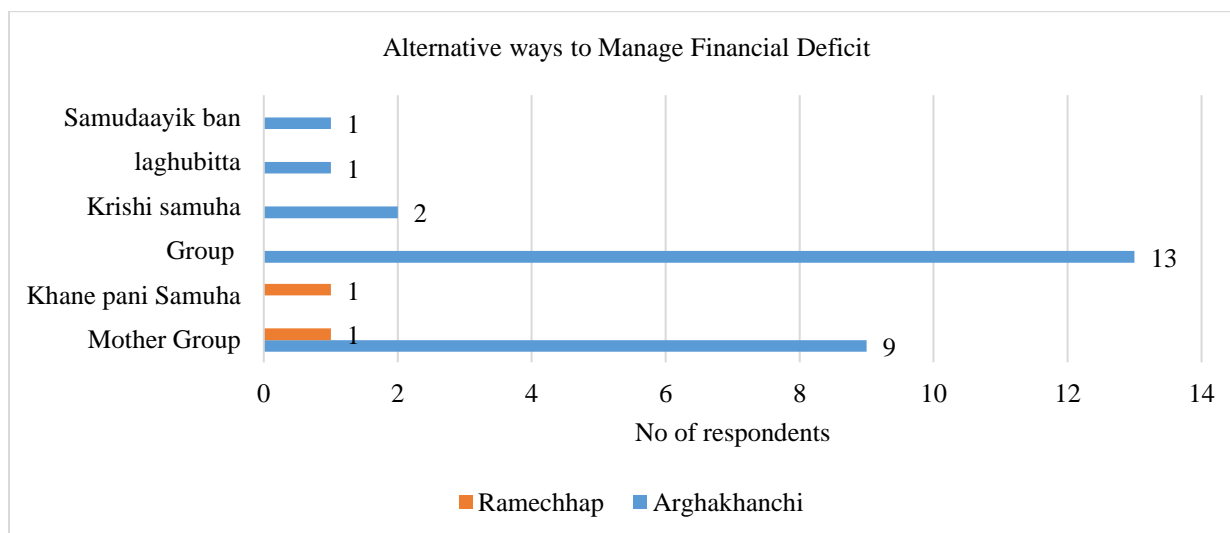
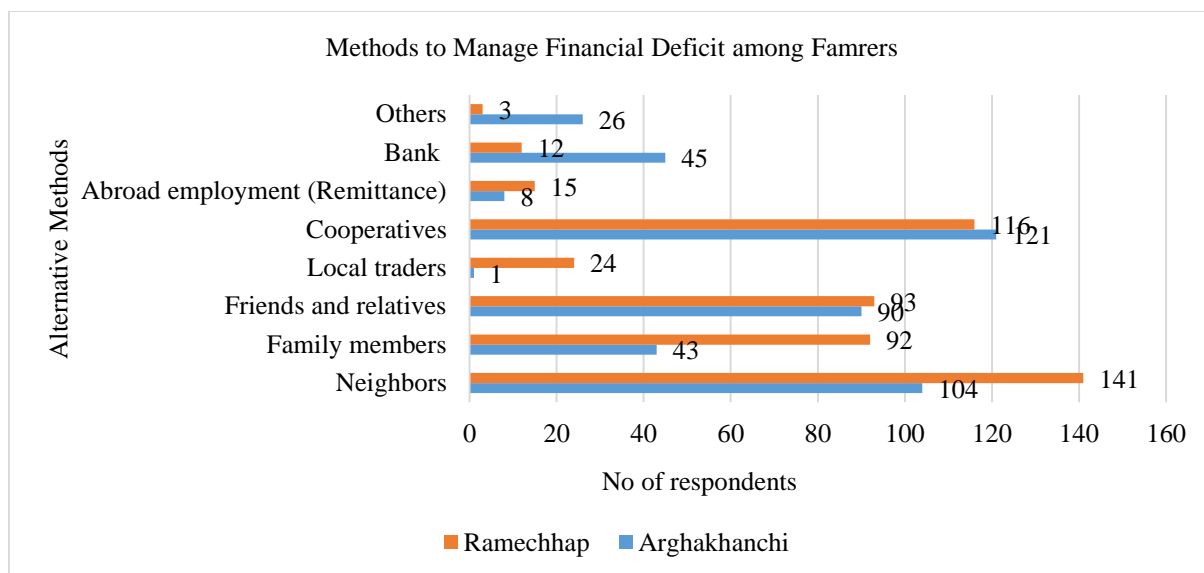


Savings in mother groups or other groups



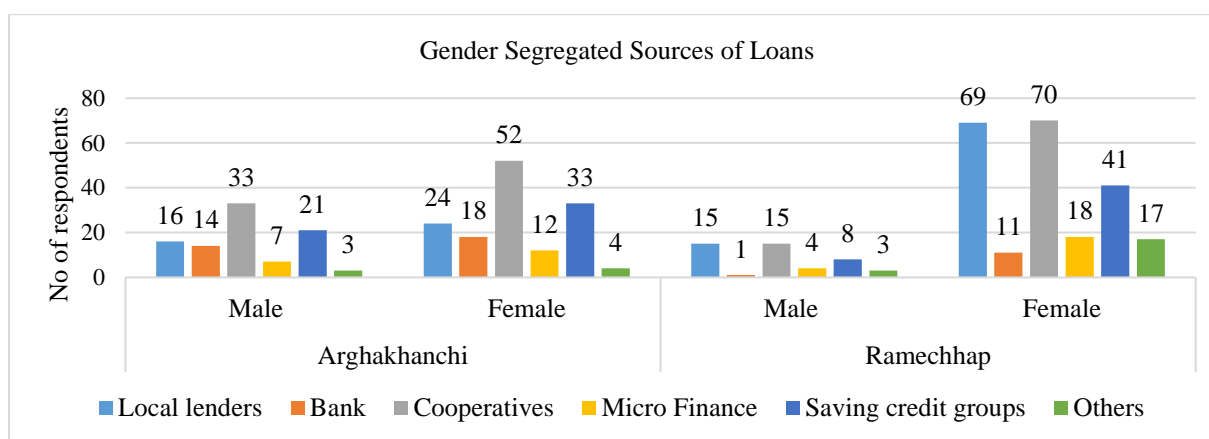
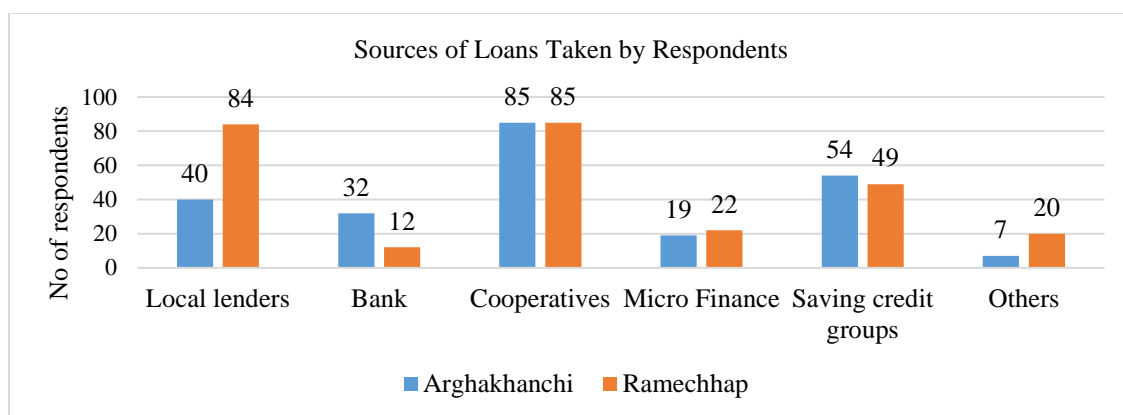
E3.6. How do you usually manage your financial deficits?

Loans, neighbors, cooperatives, family and friends



E3.7a Have you taken out a loan in the recent years?

Arghakhanchi: Cooperative & farmers' group Ramechhap: Cooperatives & local traders



E3.7a.3 What is the purpose of loan from the local lenders, cooperatives, banks, saving-credit group, micro-finance and others?

Household consumption, health and education, and a few were for enterprise expansion

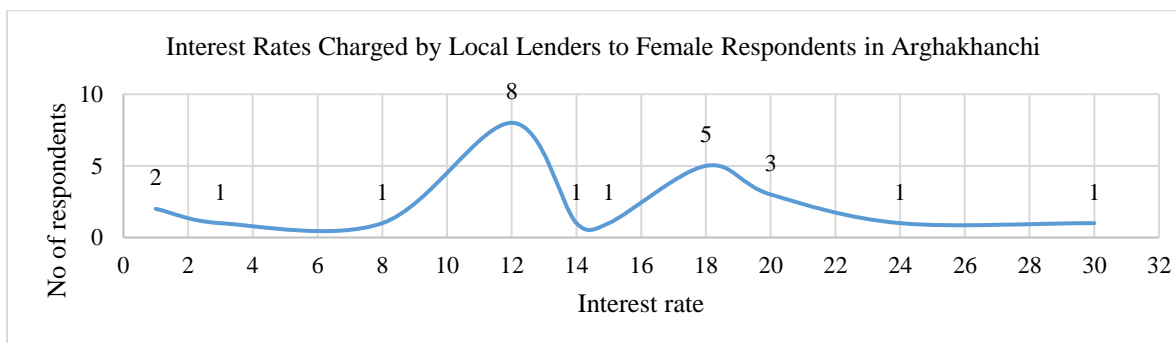
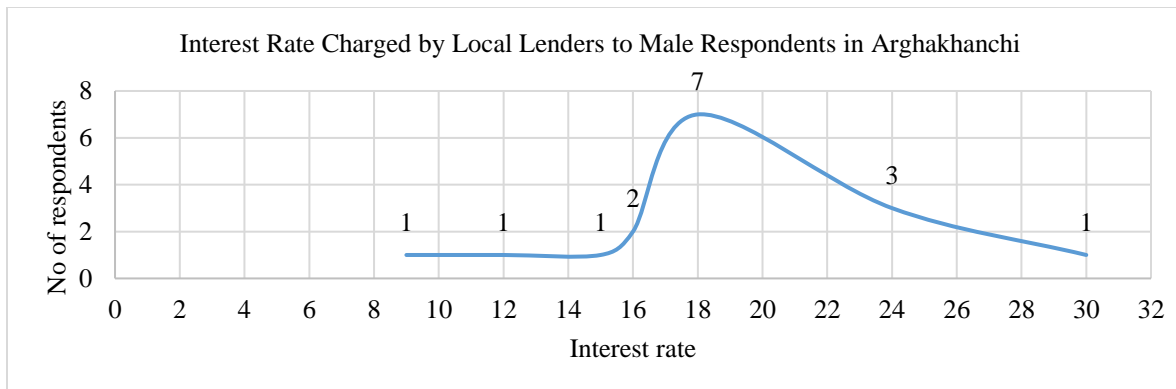
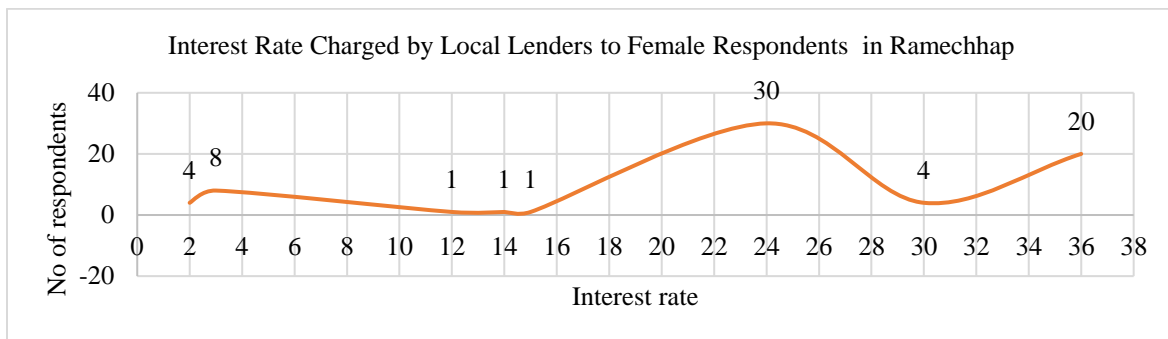
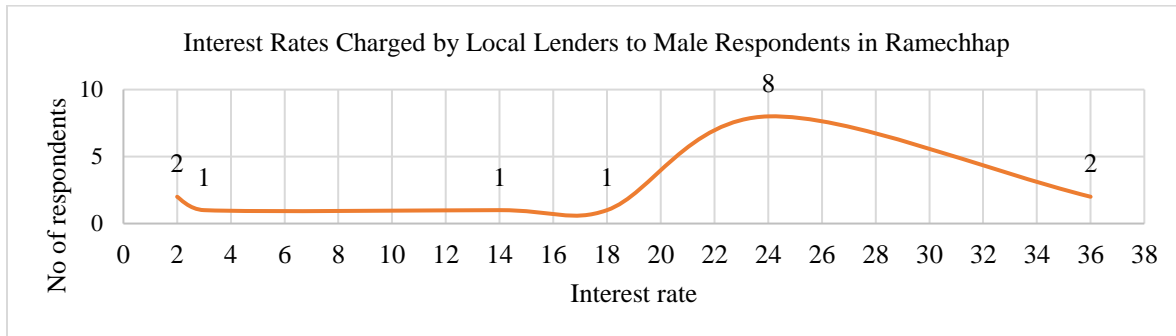
Source Specific Purpose of Loans Taken by Female Respondents						
Purpose of loan	Loan taken from					
	Local trader	Cooperative s	Bank	Saving-credit group	Micro-financ e	Others
Household consumption	66	76	7	56	17	15
Support for health and education	38	29	7	16	6	7

Enterprise establishment	5	9	5	5	4	1
Enterprise expansion	10	37	9	19	9	2
Purchases of accessories for enterprise development	0	0	0	0	0	0
Special occasion	8	10	1	3	0	1
others	14	15	12	2	4	4

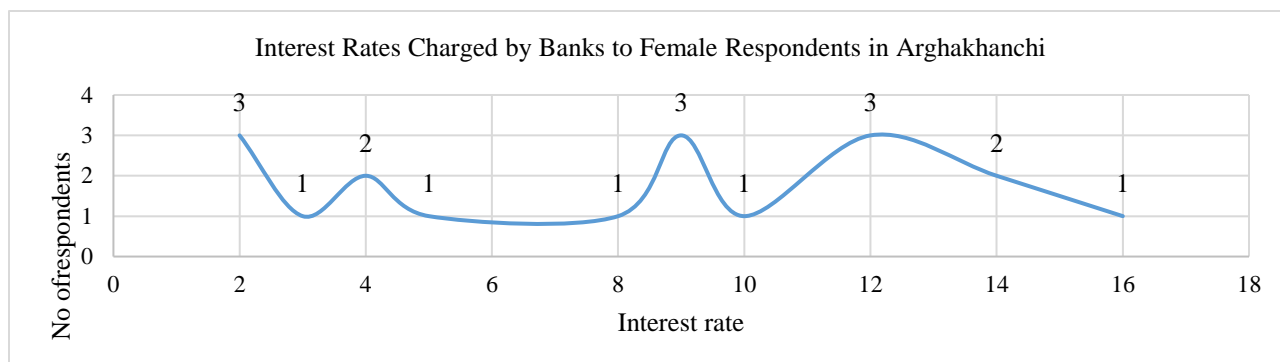
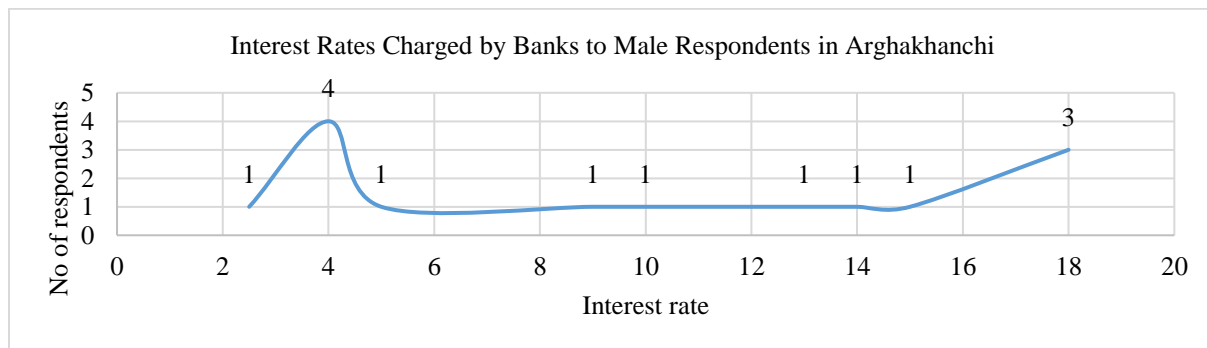
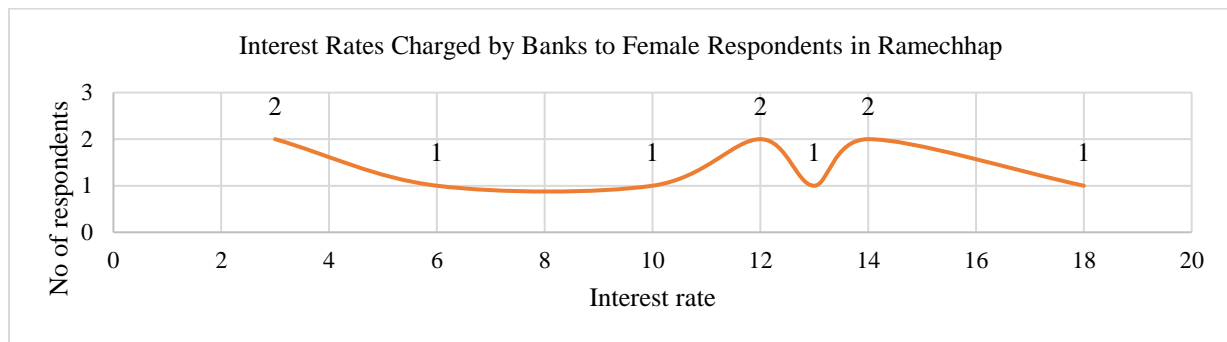
Source Specific Purpose of Loans Taken by Male Respondents

<u>Purpose of loan</u>	Loan taken from					
	Local trader	Cooperatives	Bank	Saving- credit group	Micro- finance	Others
Household consumption	24	25	2	18	4	2
Support for health and education	11	10	0	6	0	2
Enterprise establishment	4	7	5	2	2	1
Enterprise expansion	12	24	11	14	9	3
Purchases of accessories for enterprise development	0	2	0	0	1	0
Special occasion	4	0	0	2	0	0
others	2	5	2	0	0	0

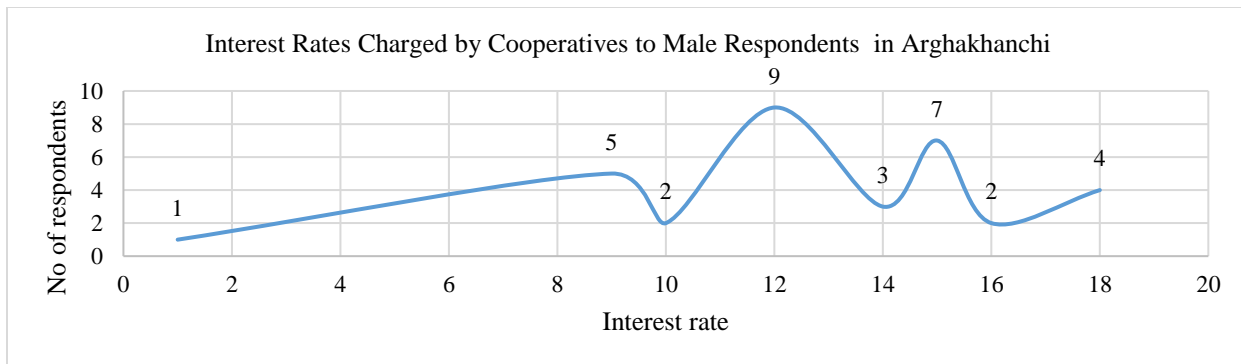
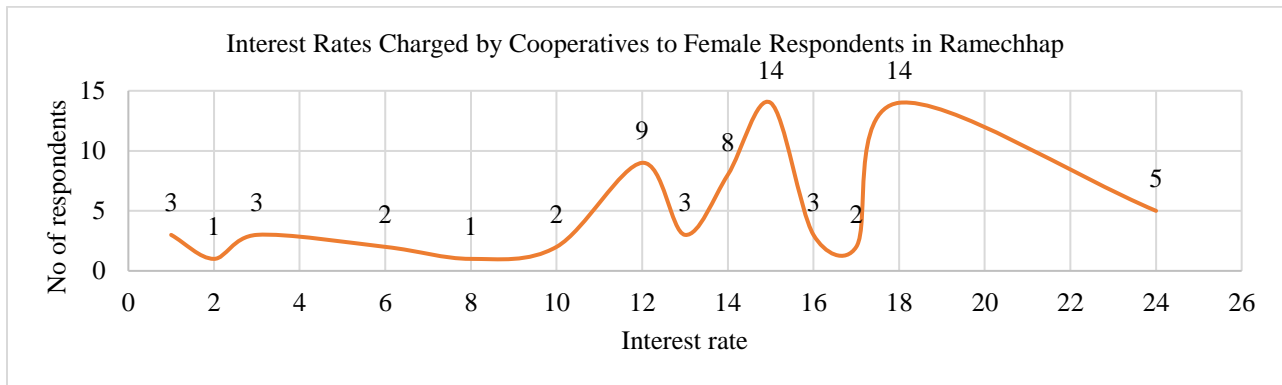
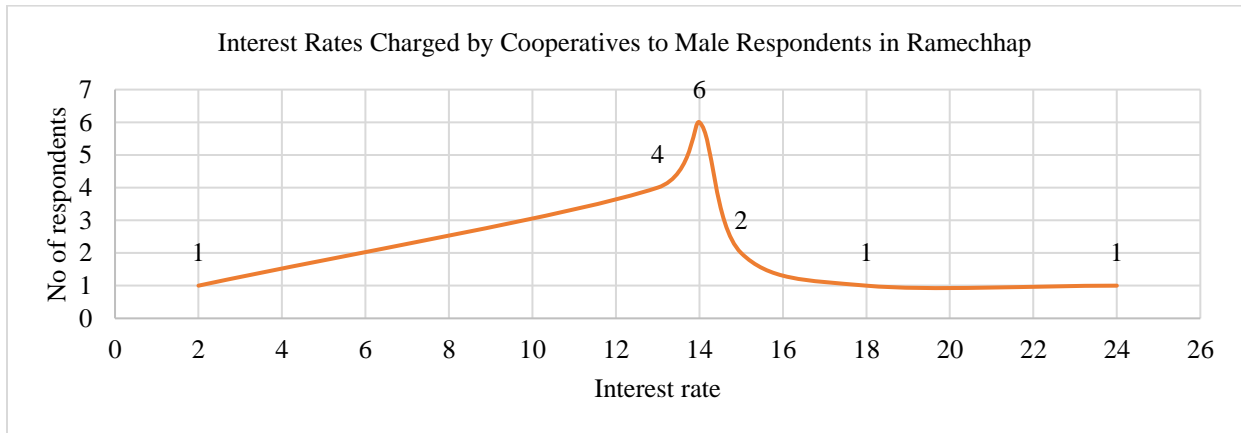
E3.7a.2 What is the interest rate charged from local lenders? (%)

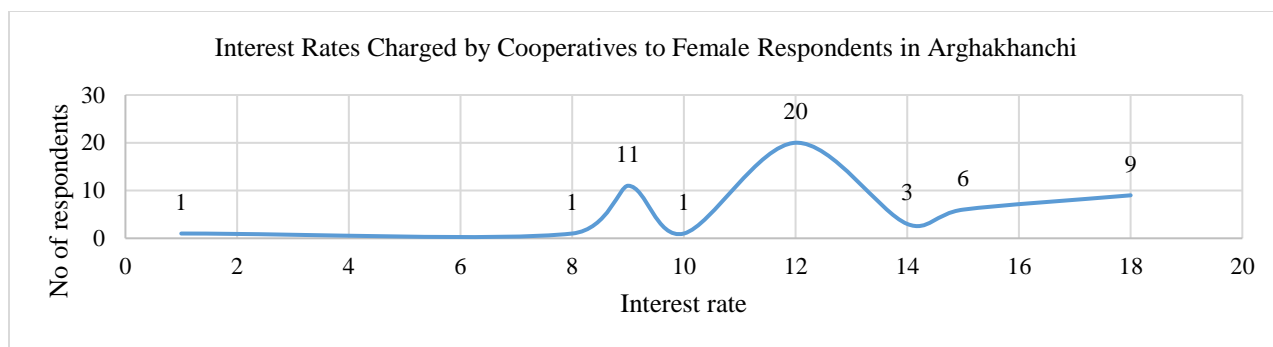


E3.7b.2 What is the interest rate charged from Banks? (%)

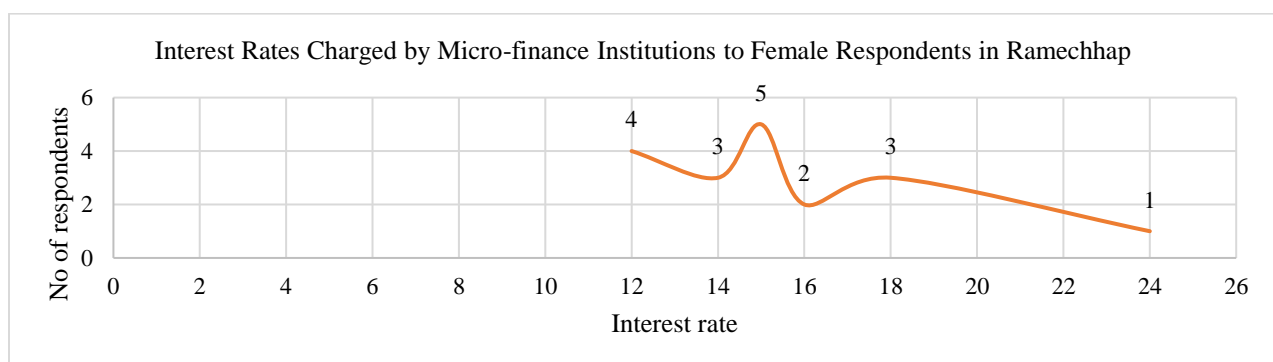
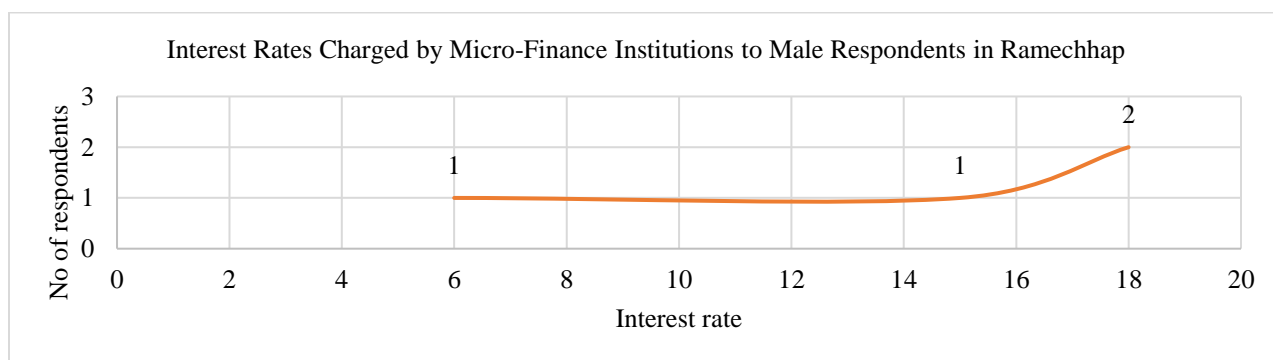


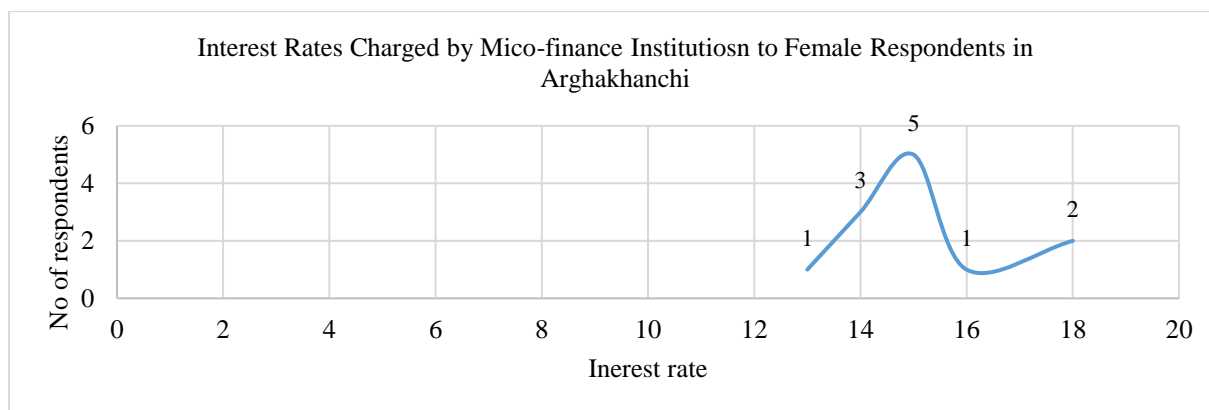
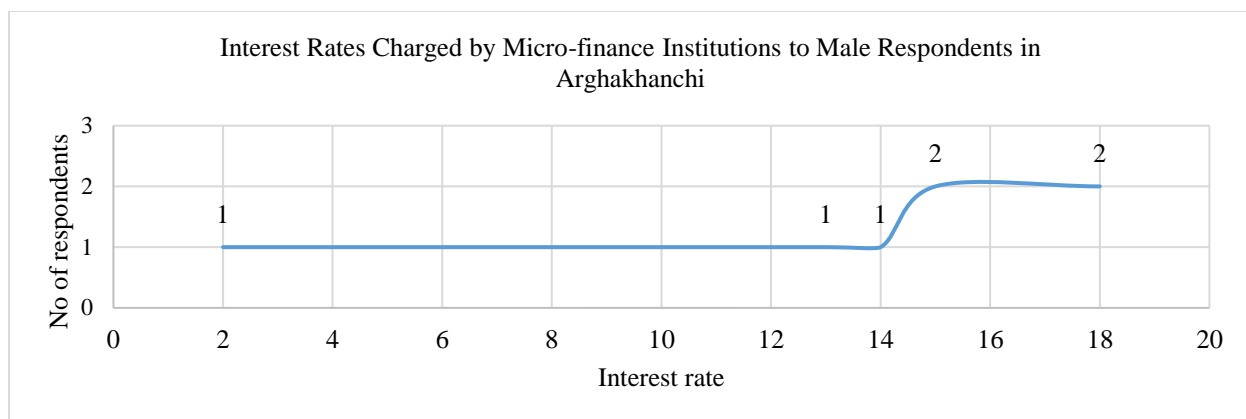
E3.7c.2 What is the interest rate charged from Cooperatives? (%)



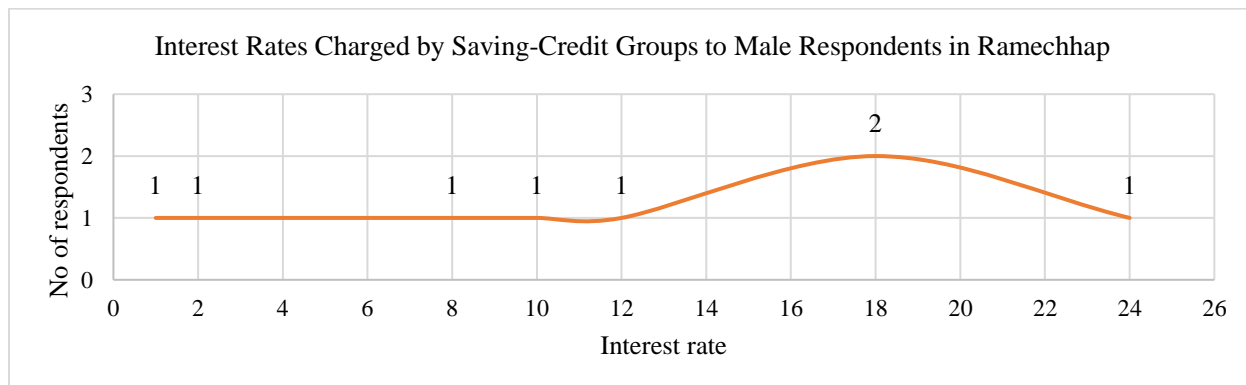


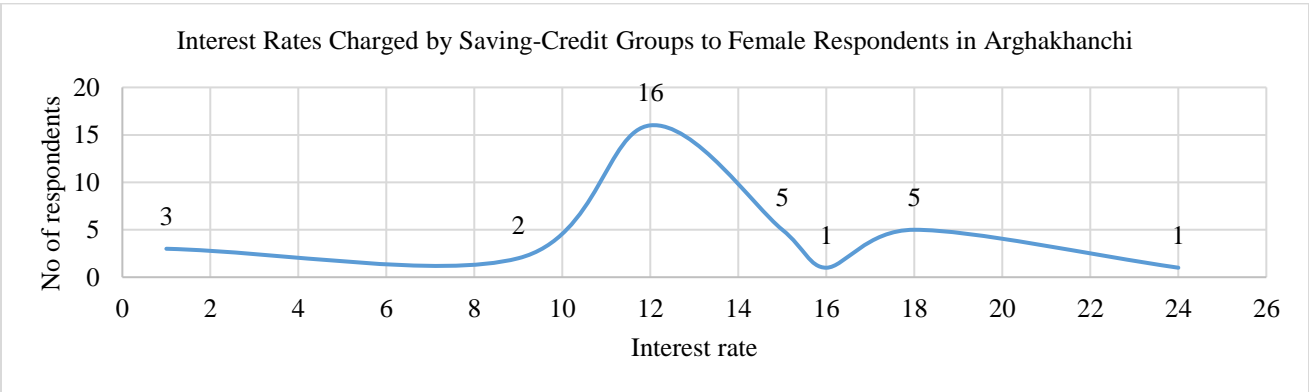
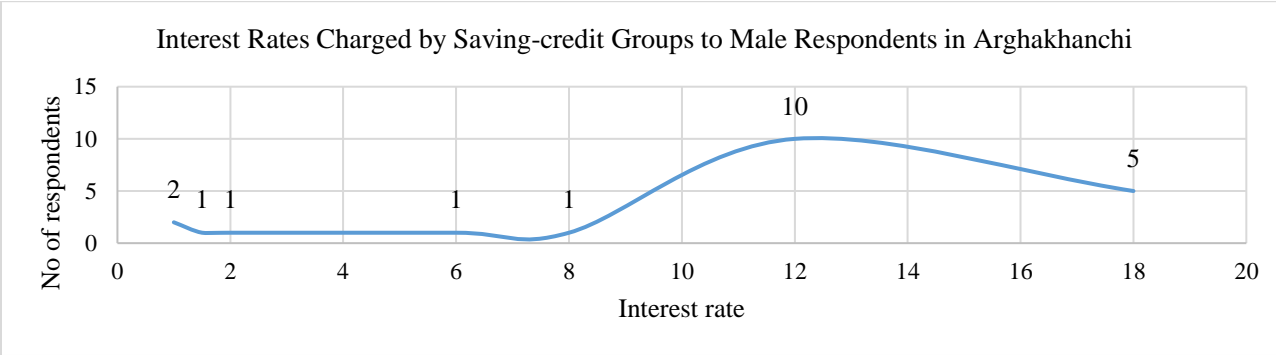
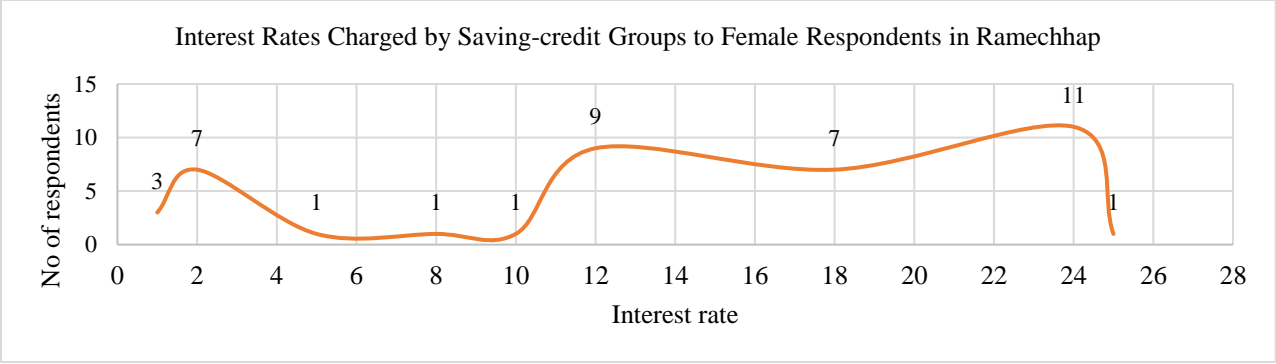
E3.7d.2 What is the interest rate charged from Micro-finance? (%)



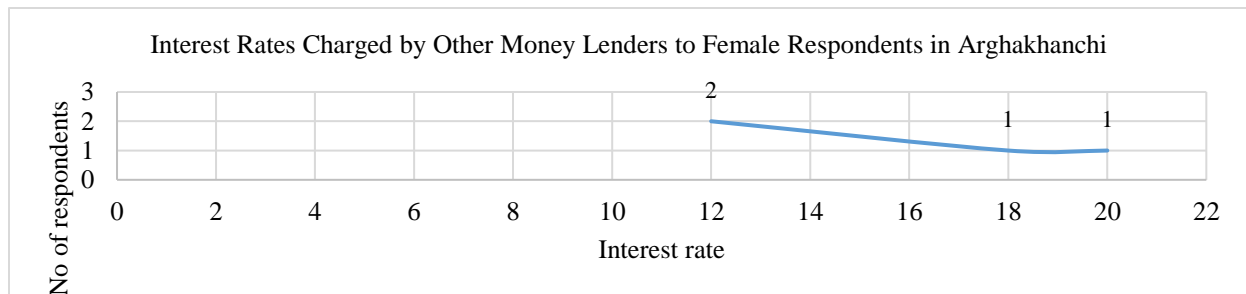
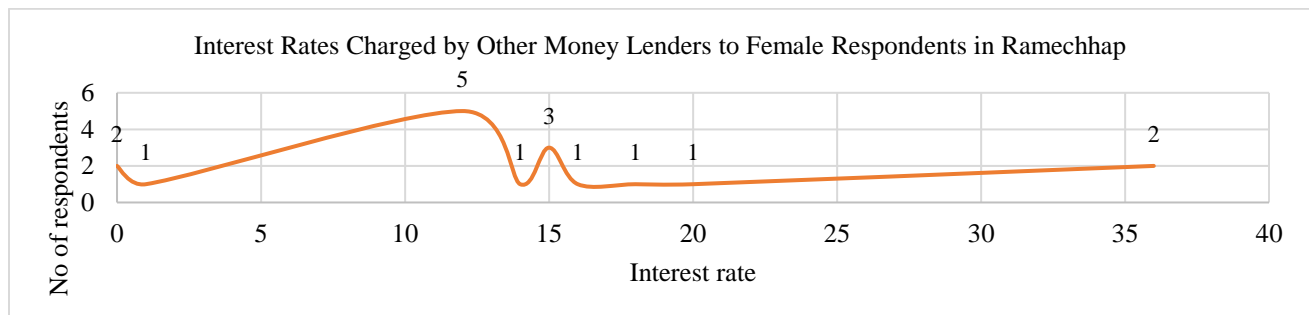
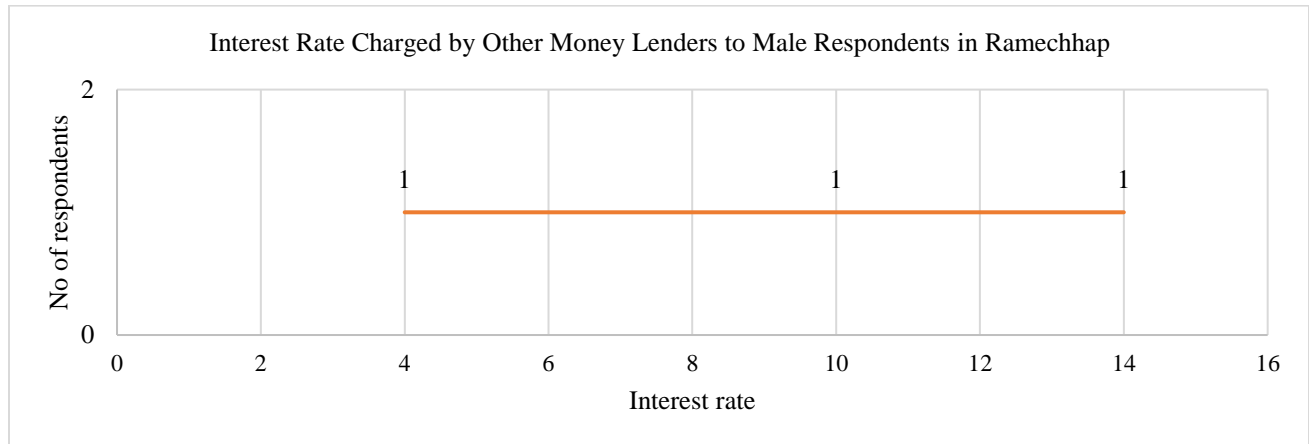


E3.7e.2 What is the interest rate charged from Saving-credit groups? (%)

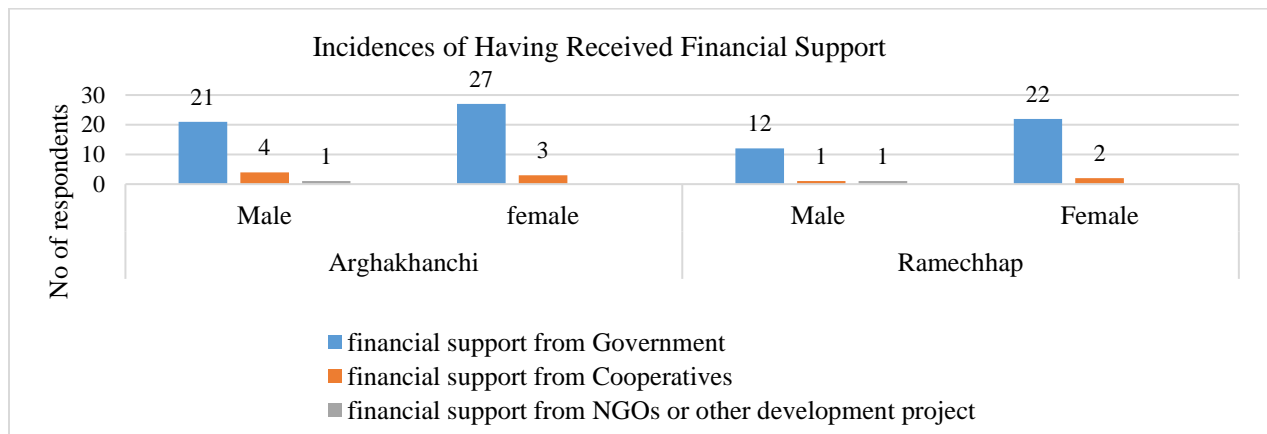




E3.7f.3 What is the interest rate charged from Others? (%)

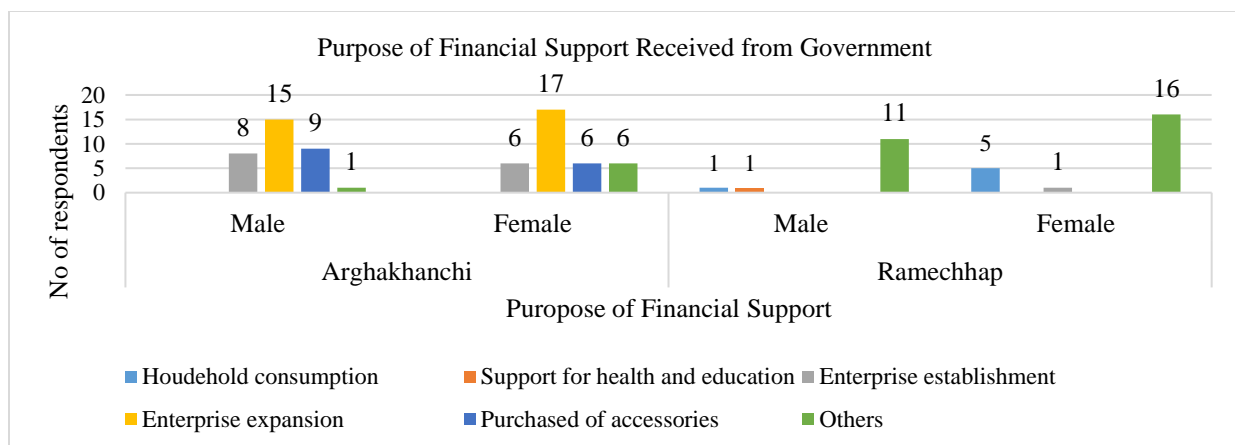


E3.9a Have you received financial supports?



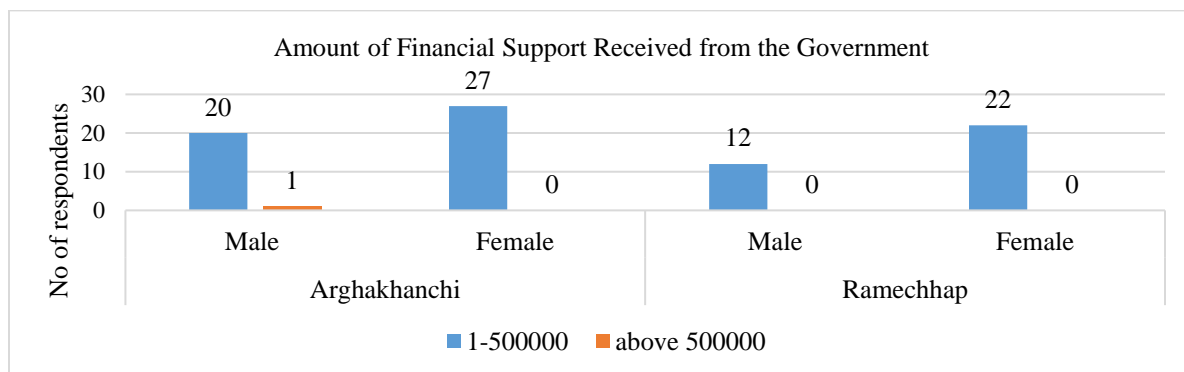
E3.9a.2 What is the purpose of financial support from the Government?

Enterprise development

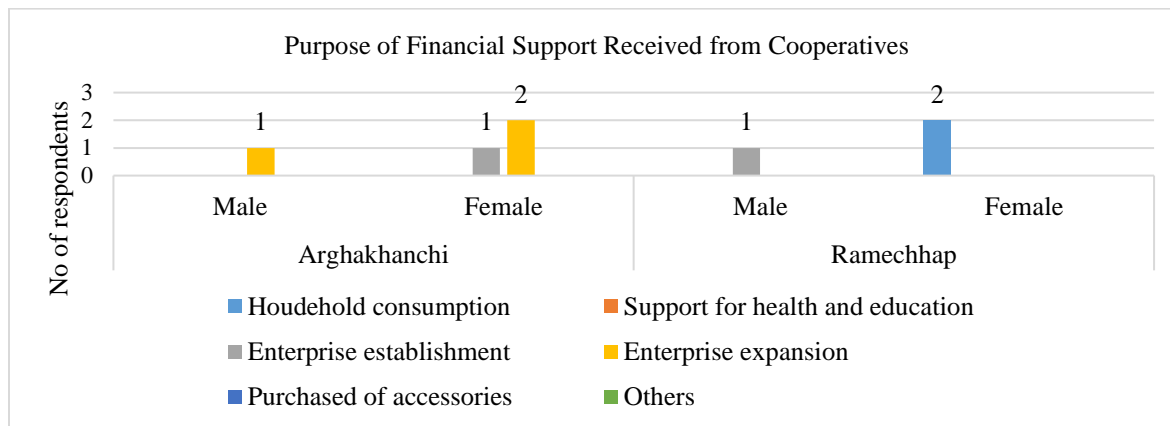


E3.9a.1 What is the amount of financial support from the Government? [Amount (Rs)]

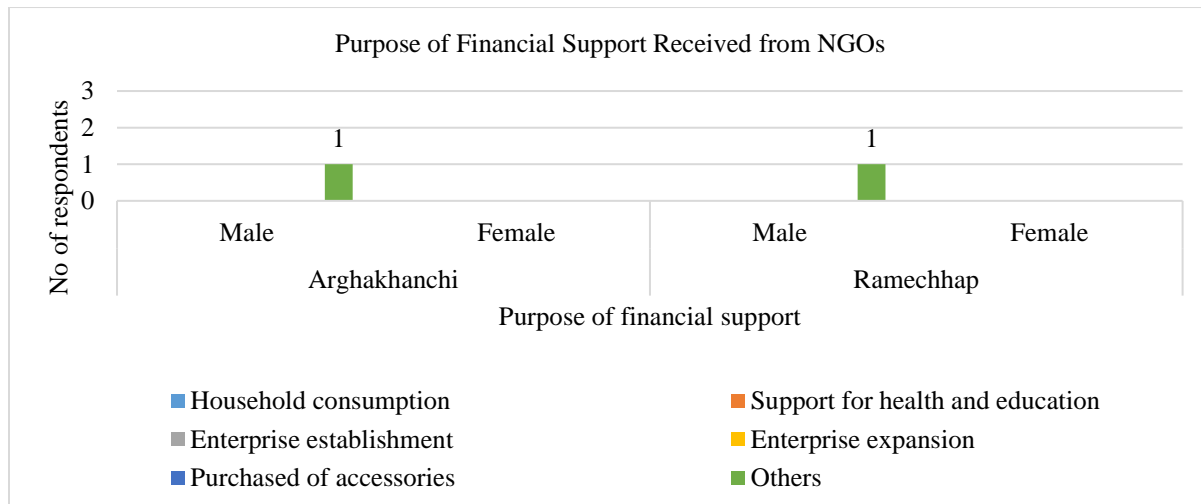
Most females have received a decent amount.



E3.9b.2 What is the purpose of financial support from the Cooperatives?



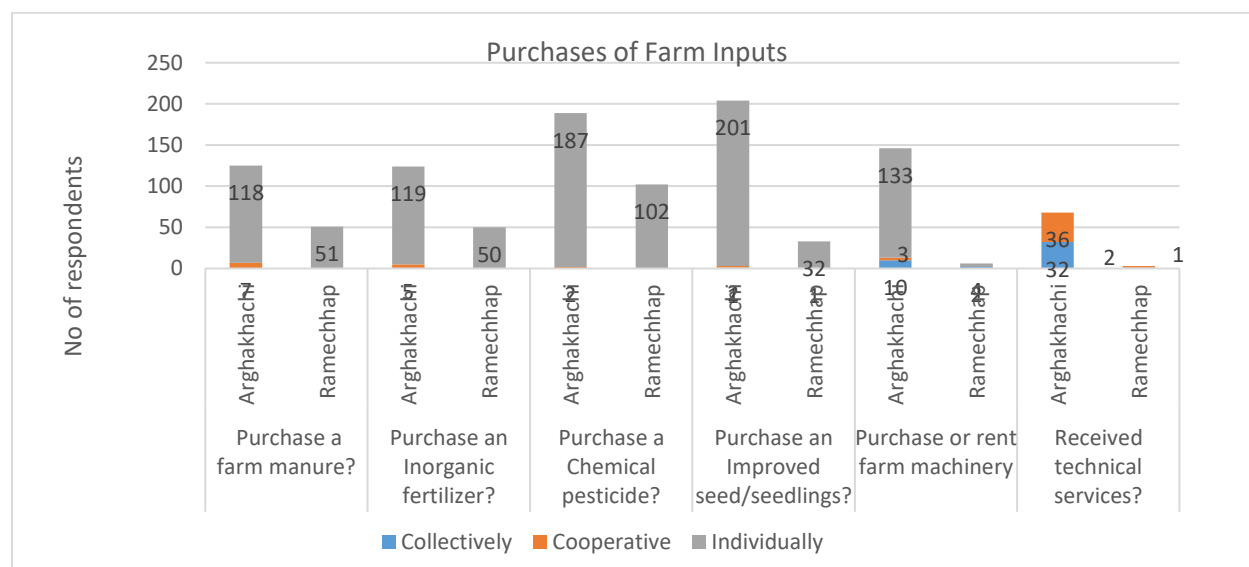
E3.9c.2 What is the purpose of financial support from the NGOs or other development organizations?



Section F. Market Environments

F1. Information about market for farm inputs

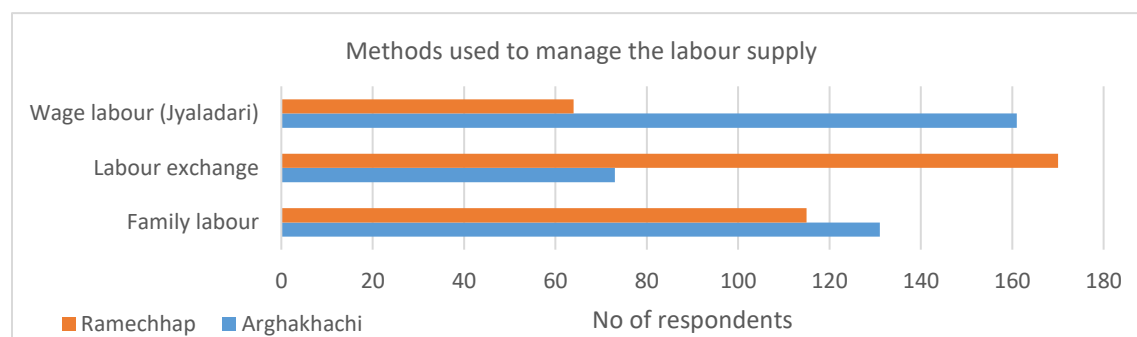
Majority: individually



F2. How do you manage the labour supply in your farm enterprises?

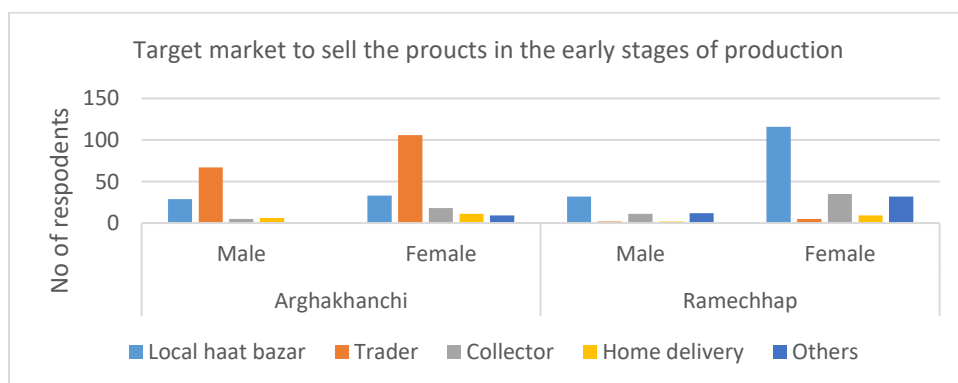
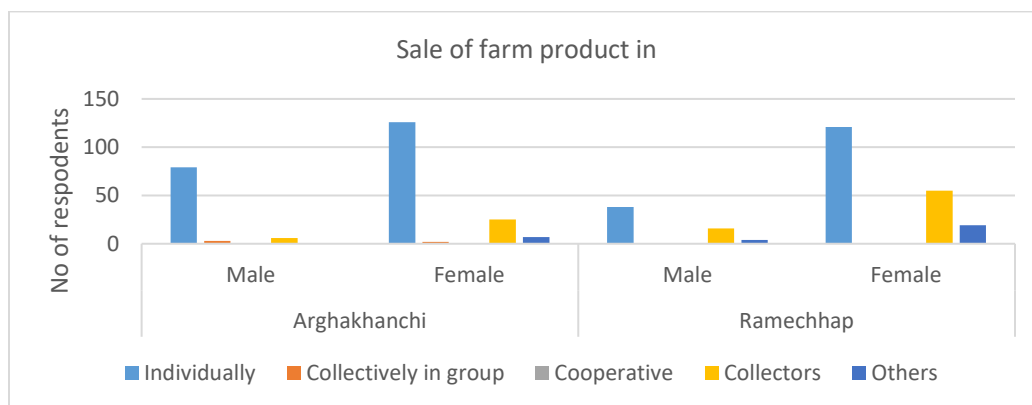
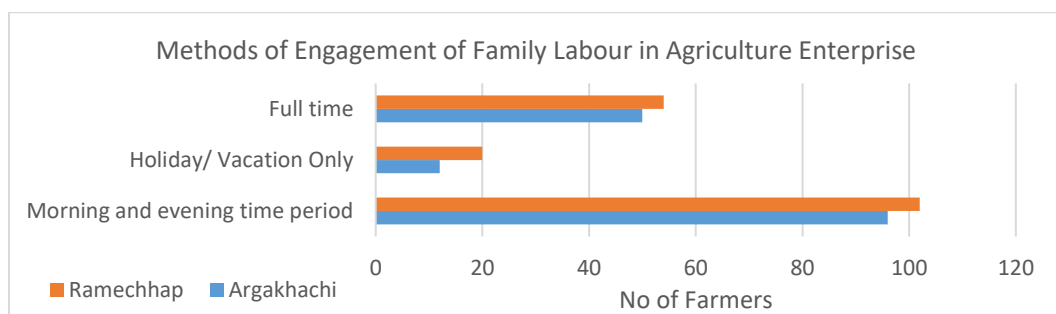
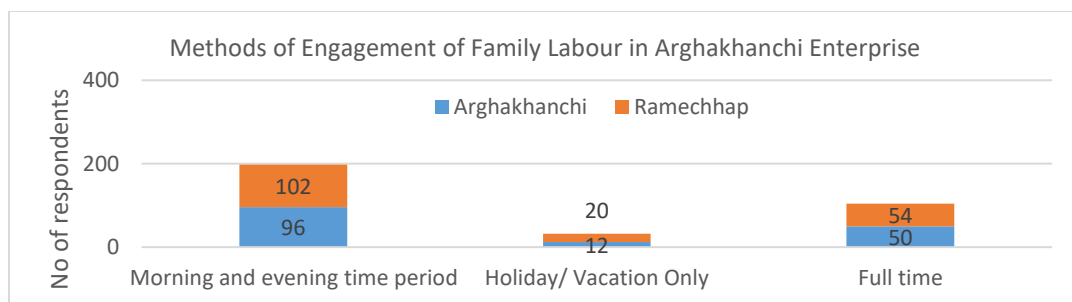
Arghakhanchi: wage labour

Ramechhap: labour exchange and family



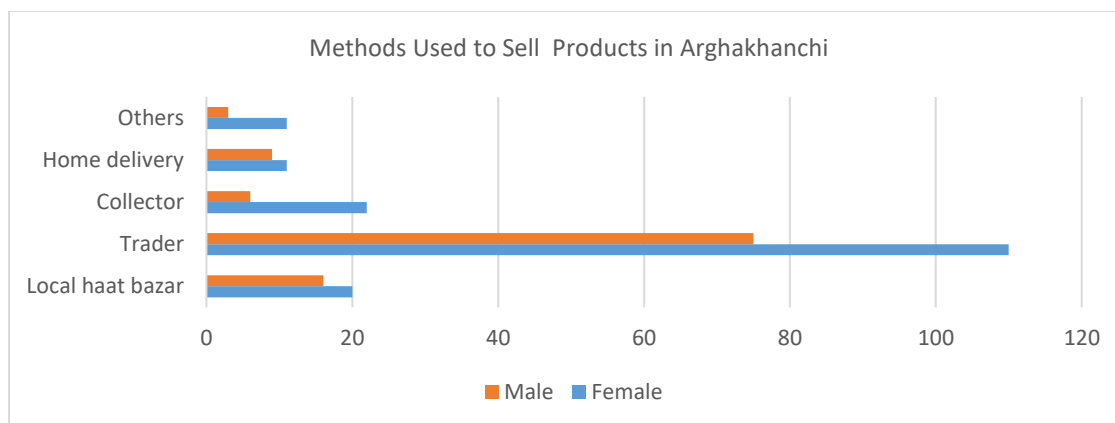
F3. In which time did you employ the family labour in the last season?

Mostly, morning and evening time

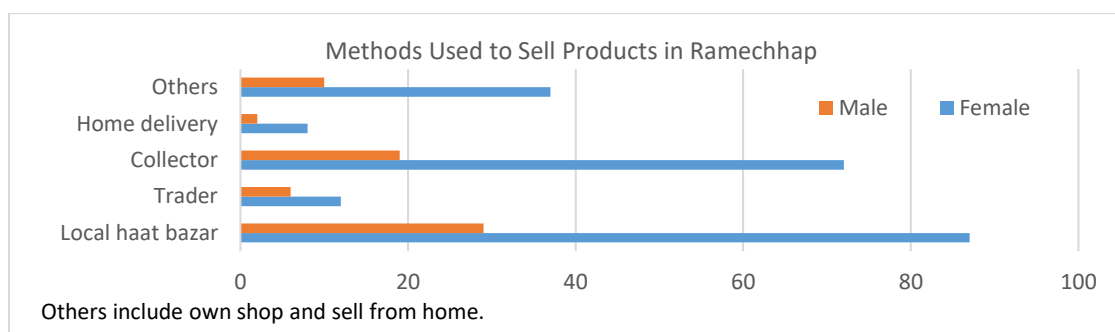


F6. Where do you mainly sell your products today?

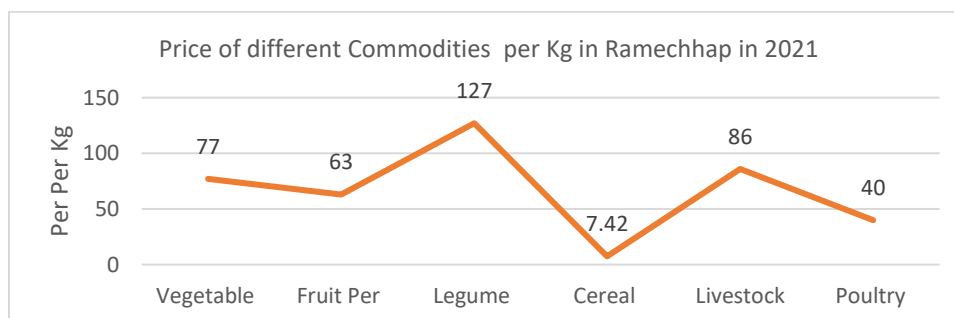
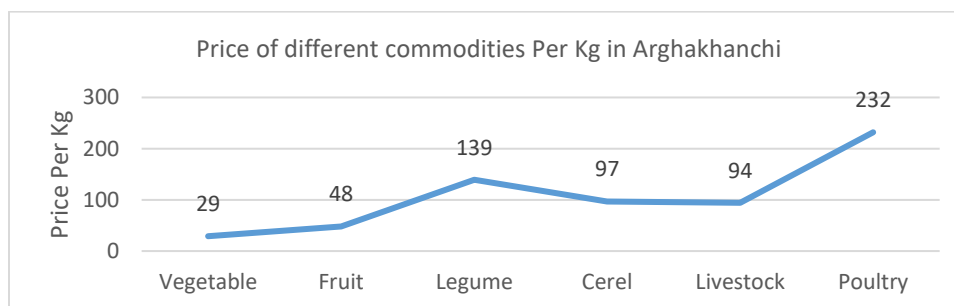
Arghakhanchi: Local traders, collectors and *haat bazar*



Ramechhap: collectors and *haat bazar*

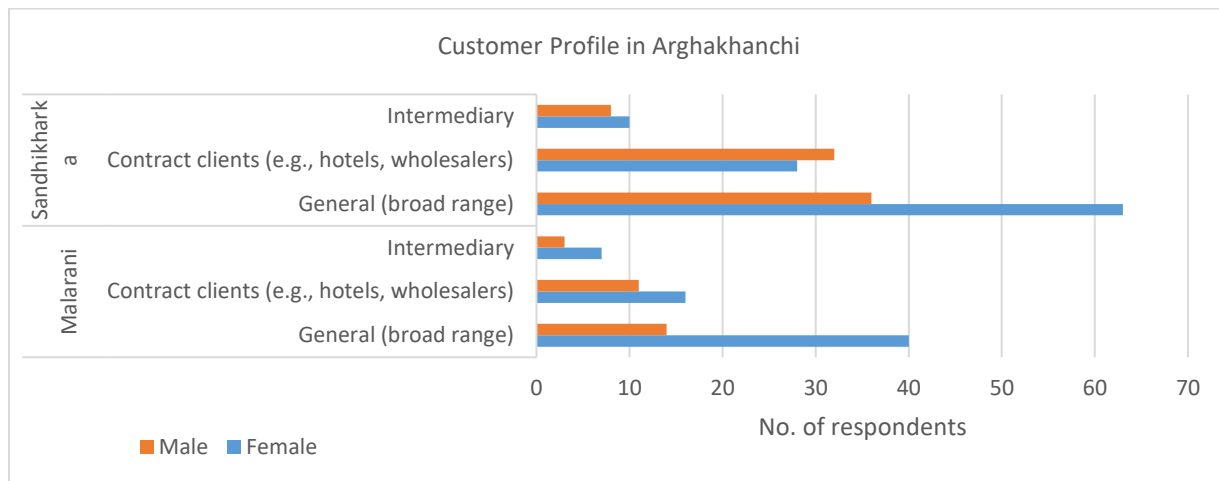


F8. Price received for vegetables/legumes/Cereal/Livestock/Poultry

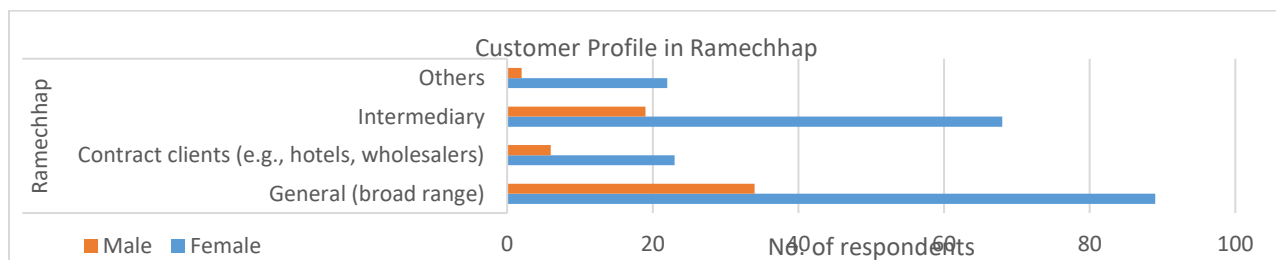


F9. Who were the main customers?

Arghakhanchi: General and contract clients

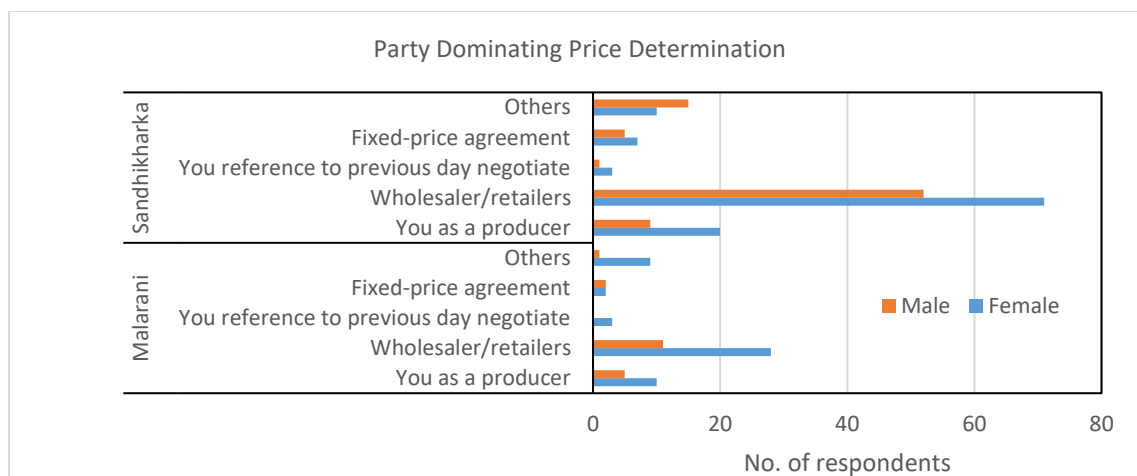


Ramechhap: General and intermediary

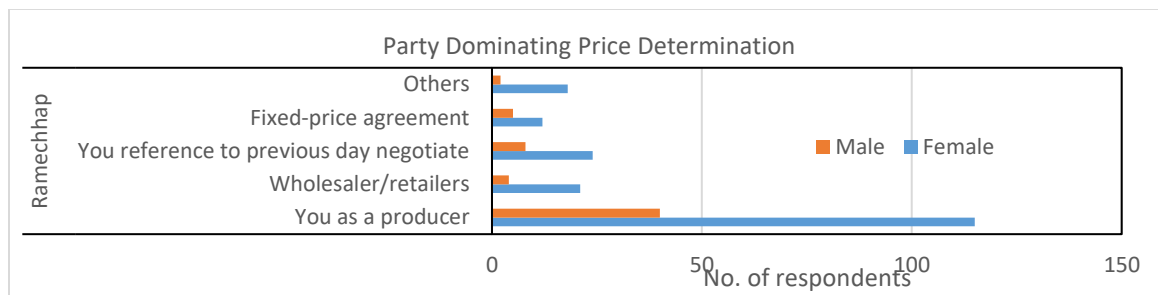


F10. Who determines the prices?

Arghakhanchi: Mainly wholesalers/retailers

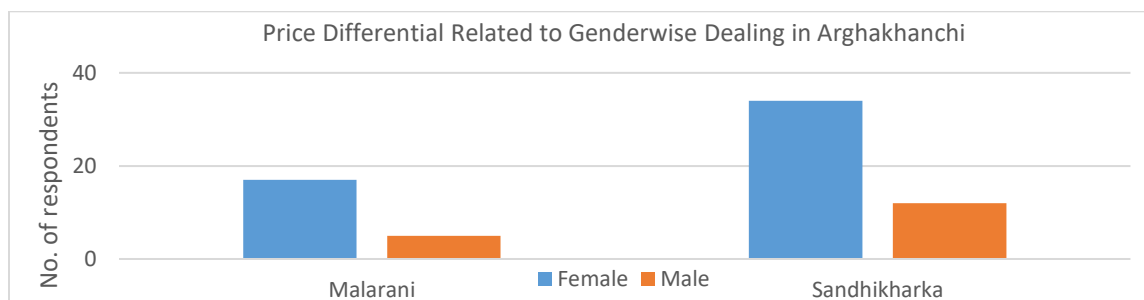


Ramechhap: Producers

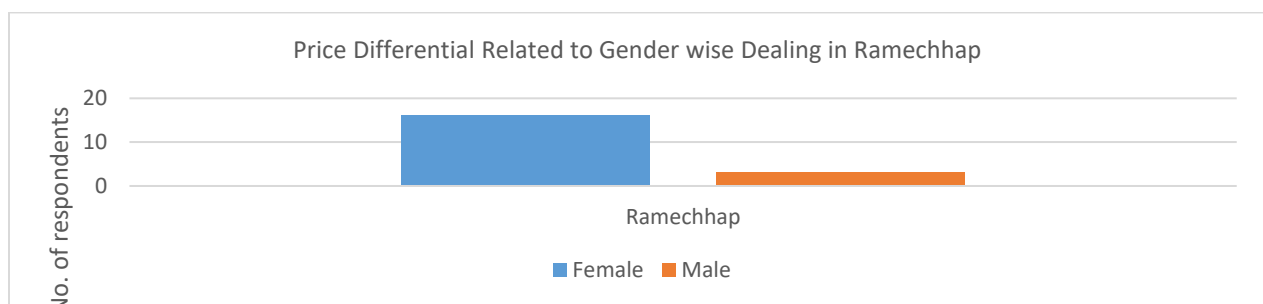


F11. Is there a price difference on the same product if a man or a woman is dealing?

Arghakhanchi: most females responded “YES”

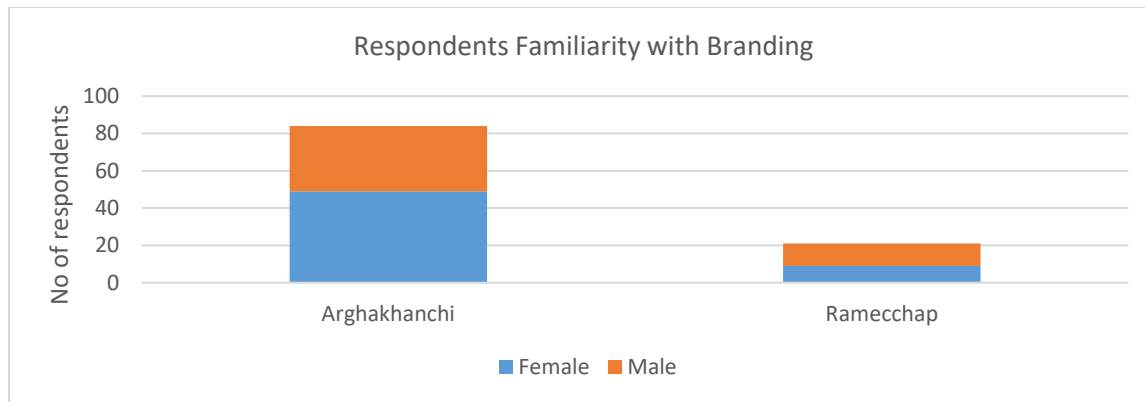


Ramechhap: most females responded “YES”



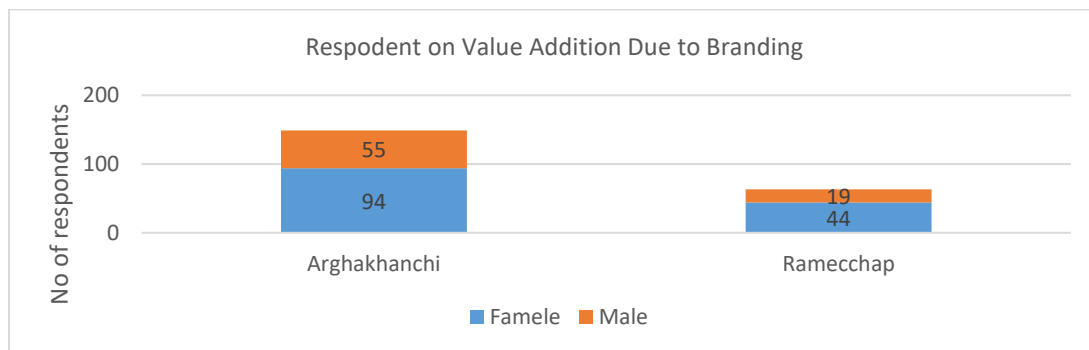
F12. Are you familiar with the branding?

A few participants were aware of it



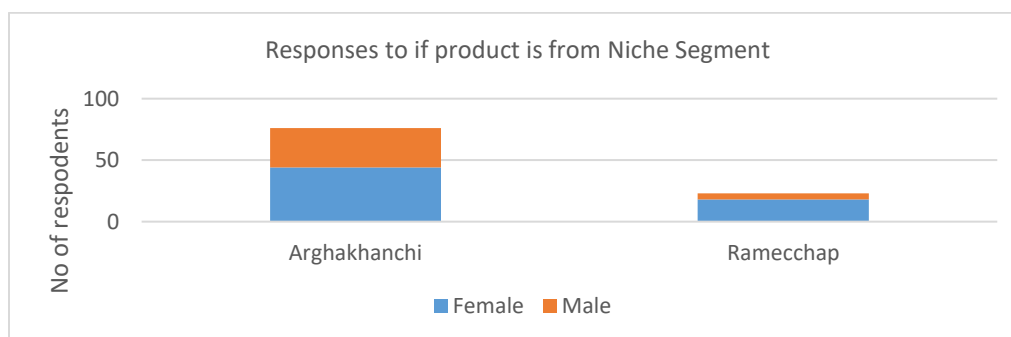
F13. Do you think that branding adds value to your products?

Many agree that branding adds value



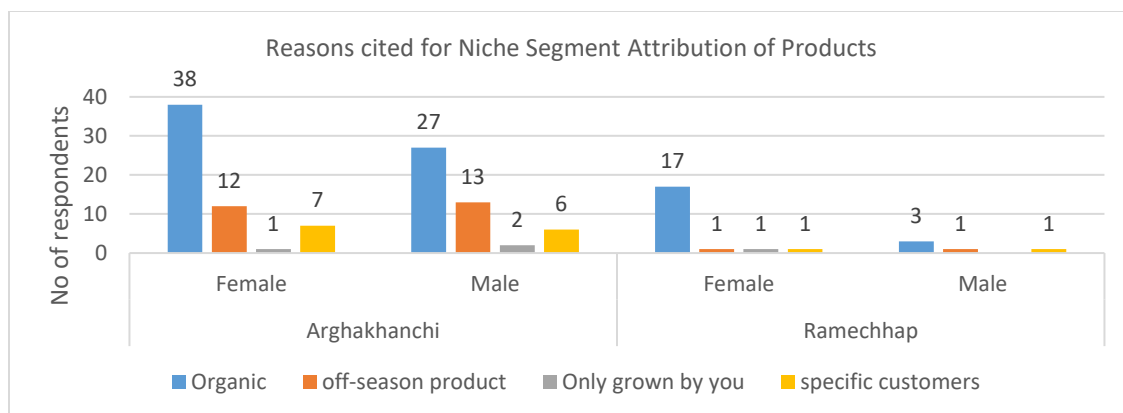
F14. Is your product a niche item in the market? (Yes/No)

Few responded YES



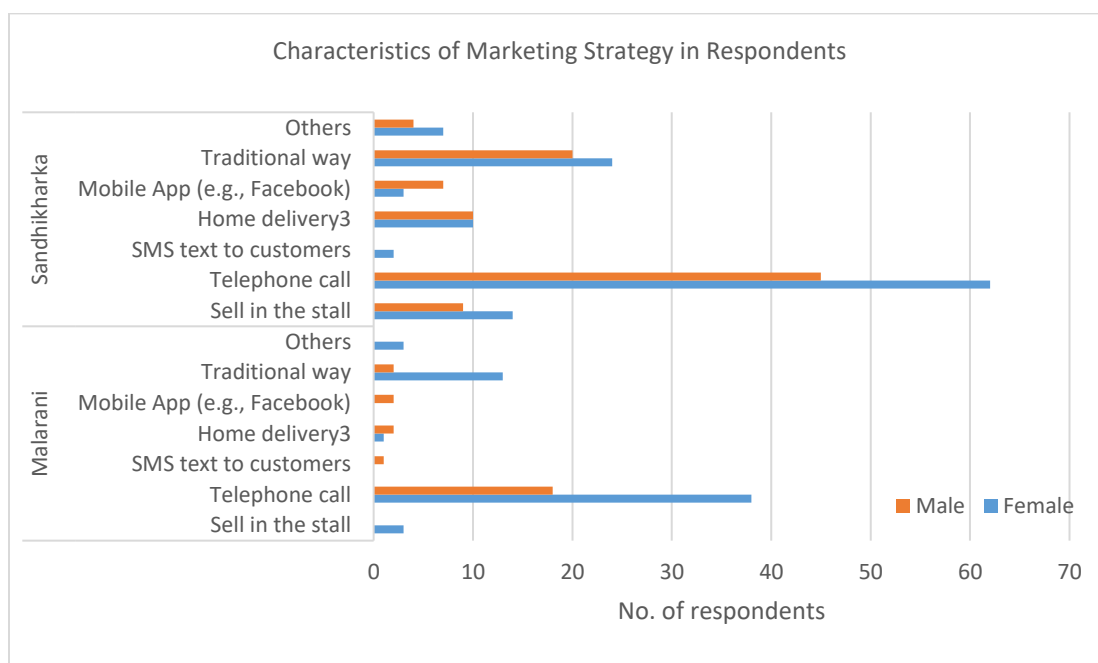
F14.1 Why is it a niche product?

Organic and off-season products

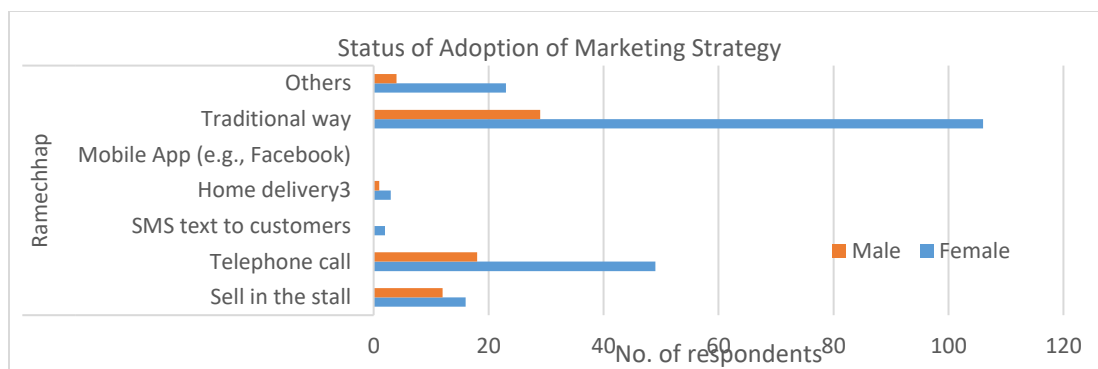


F15. Do you adopt a strategy for marketing/increasing sales of your products?

Arghakhanchi: telephone calls

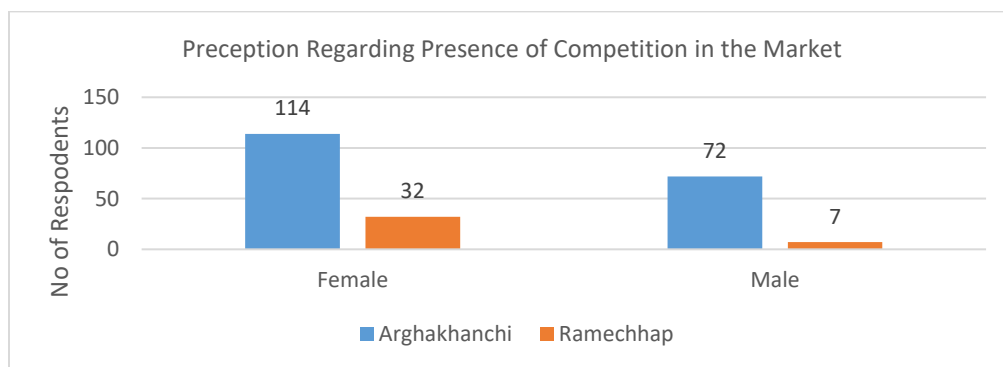


Ramechhap: traditional way



F16. Do you see competition in the market? (Yes/No)

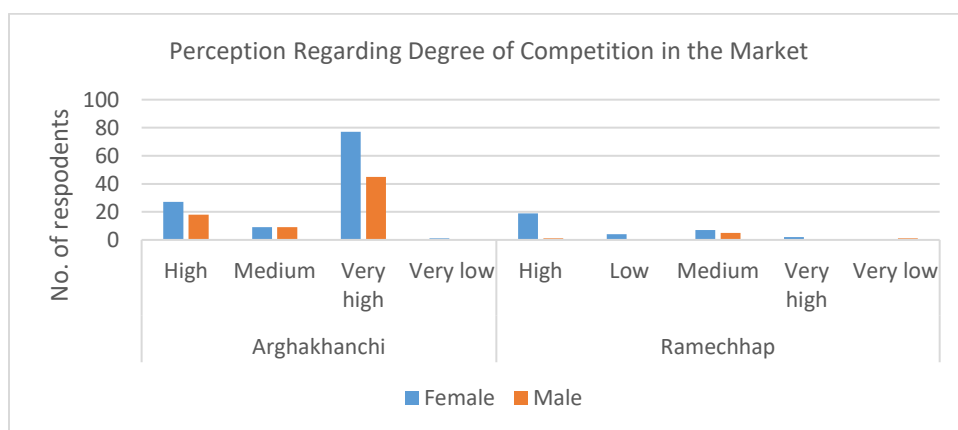
Yes



F17. If yes, what is the number of competing producers in your market?

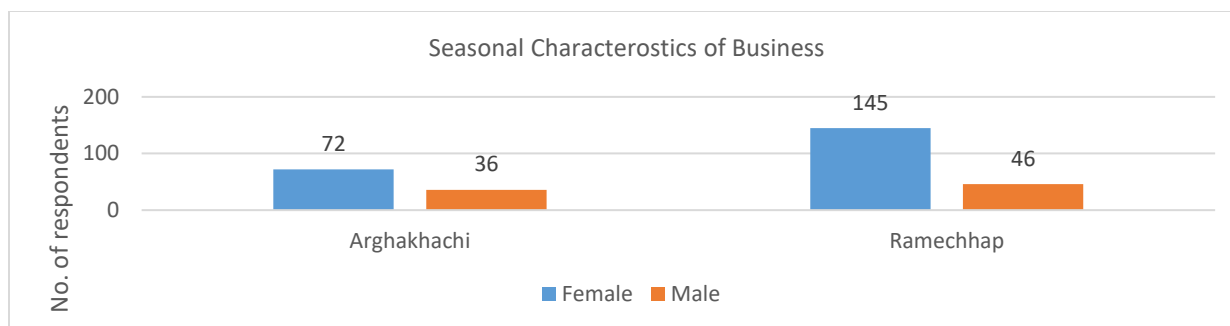
Arghakhanchi: High

Ramechhap: Low



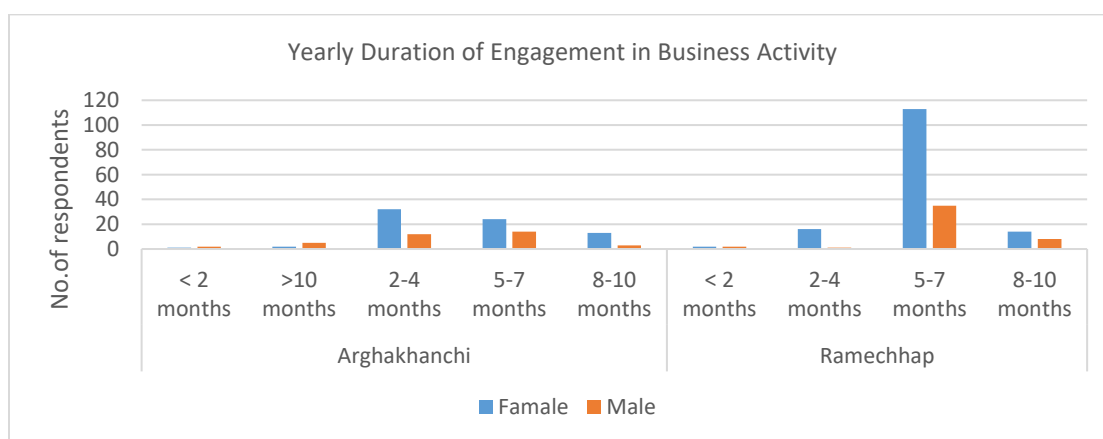
F18. Is your business seasonal, i.e., seasonal harvests of your farm products?

Ramechhap: Yes



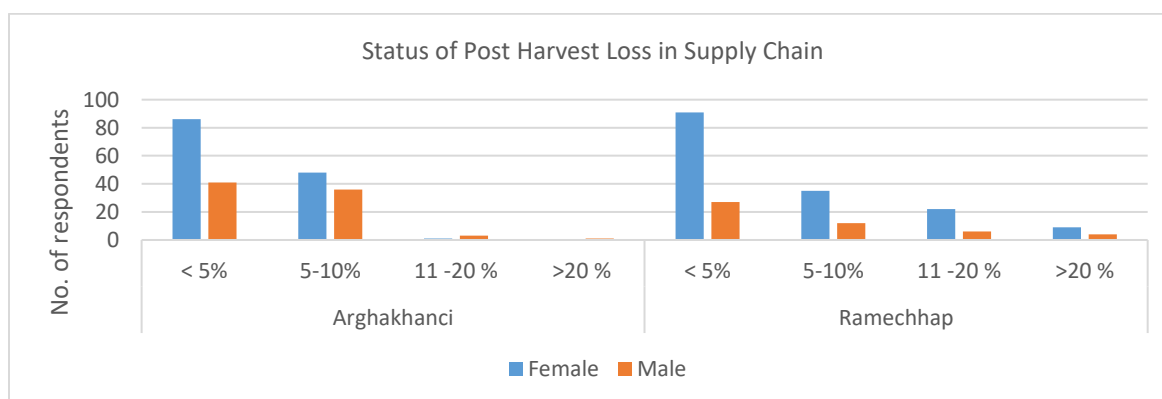
F19. If yes, how long do you engage in doing this business in a year?

Arghakhanchi: 2-4 months Ramechhap: 5-7 months



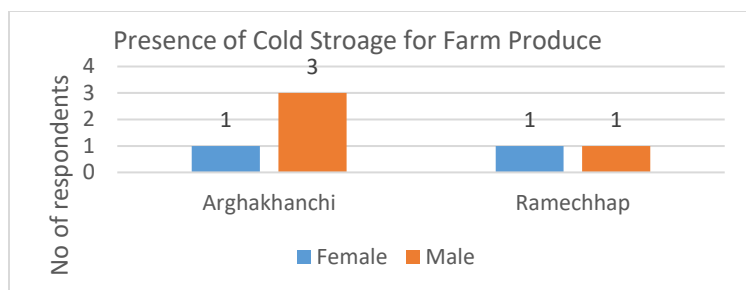
F20. What is the post-harvest loss in the supply chain?

Arghakhanchi: 5-10% Ramechhap: <5%



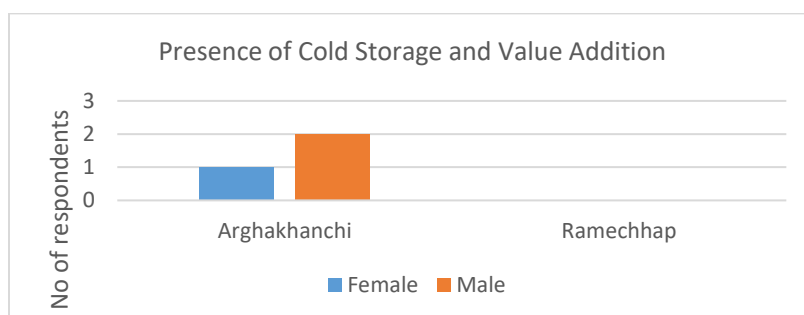
F21. Do you have cold storage for your farm produces? (Yes/No)

No



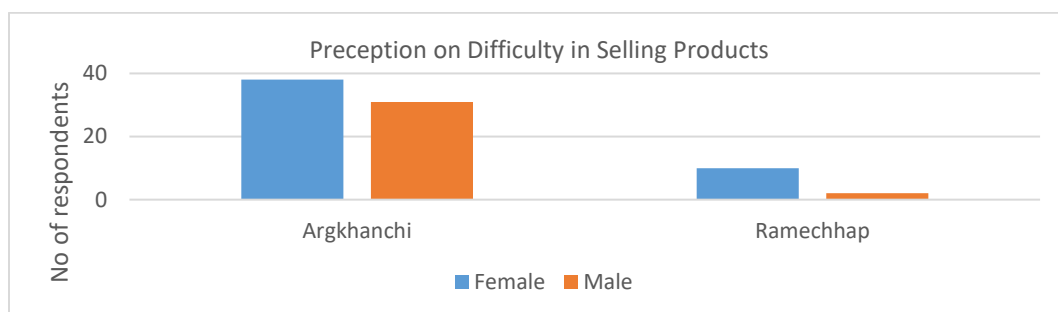
F22. If yes, does this add value to selling your produces off-season? (Yes/No)

(Answer missing)



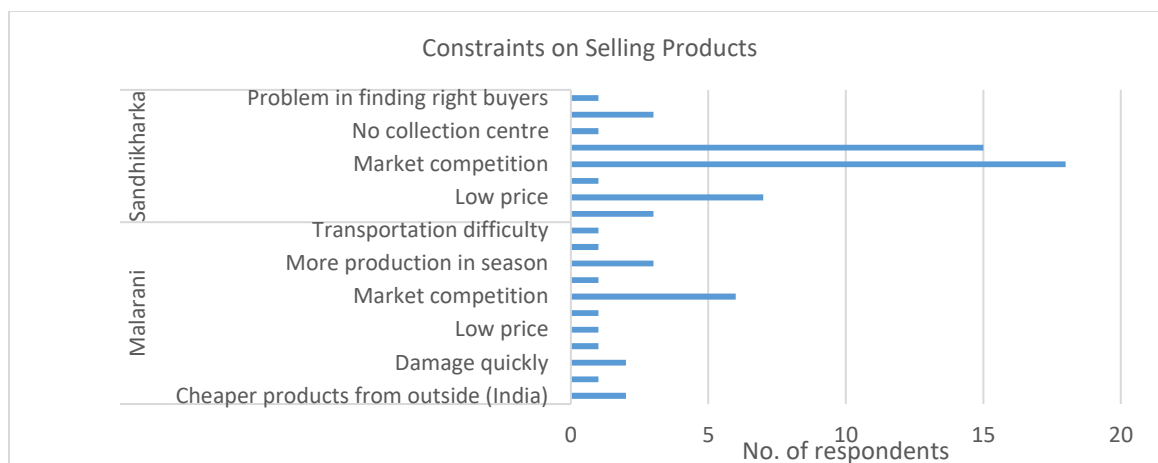
F24. Do you have difficulties in selling products? (Yes/No)

Arghakhanchi: many problems

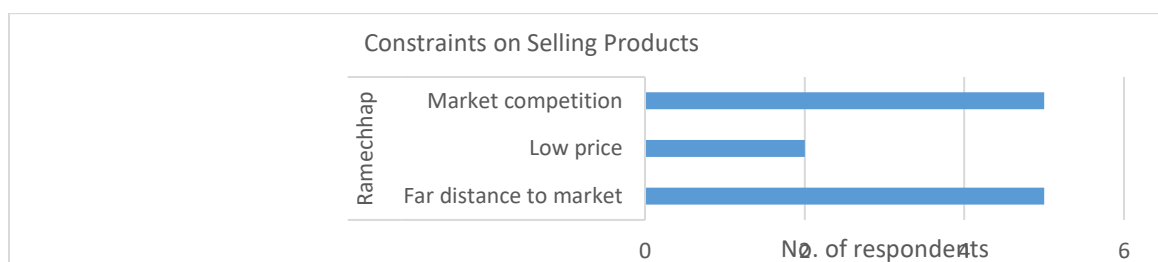


F25. What are those difficulties for selling?

Arghakhanchi: market competition

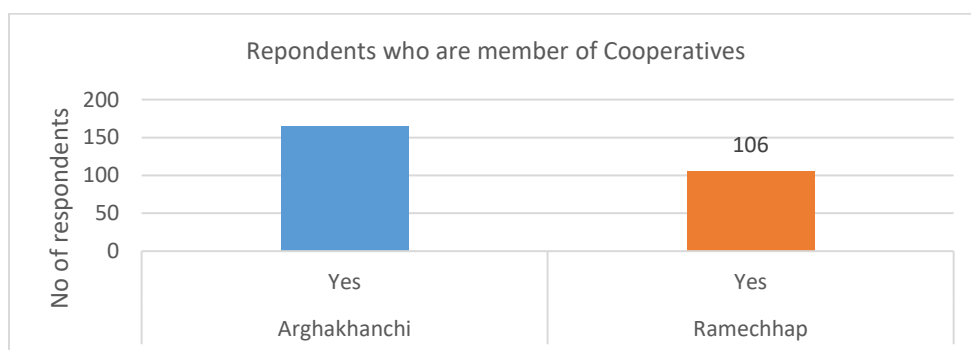


Ramechhap: market access and competition

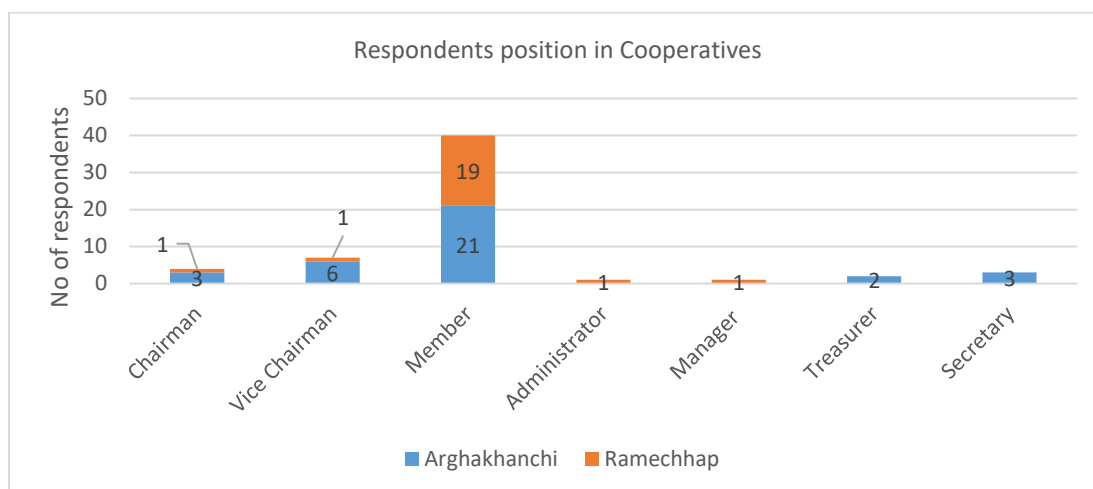


Section G. Livelihood and Changes

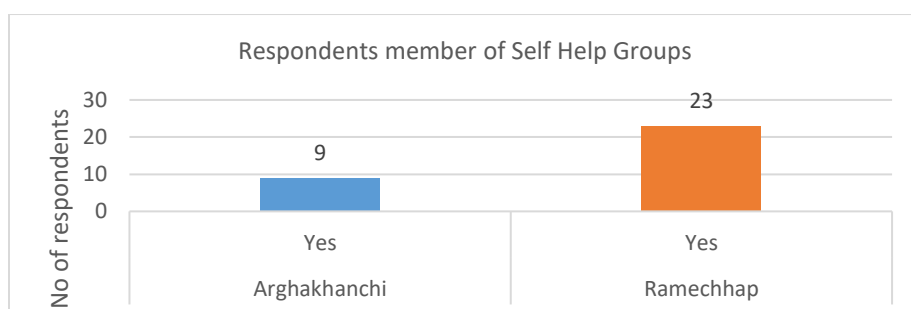
G1.1a Are you a member of Cooperatives?



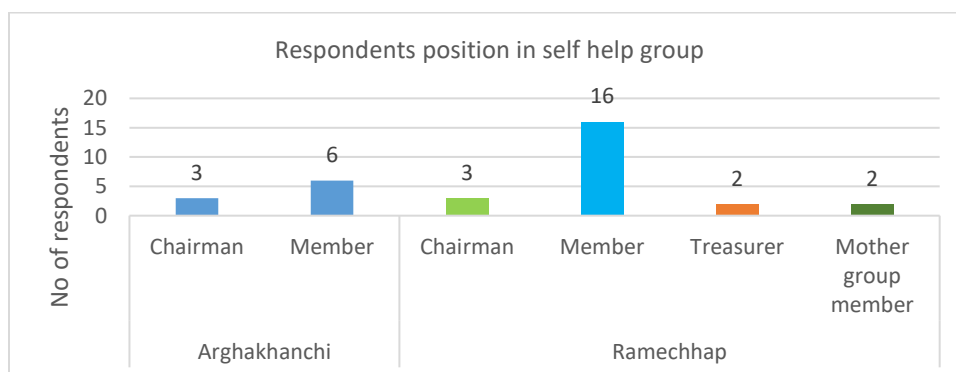
G1.1a.1 If yes, what is your position in the group?



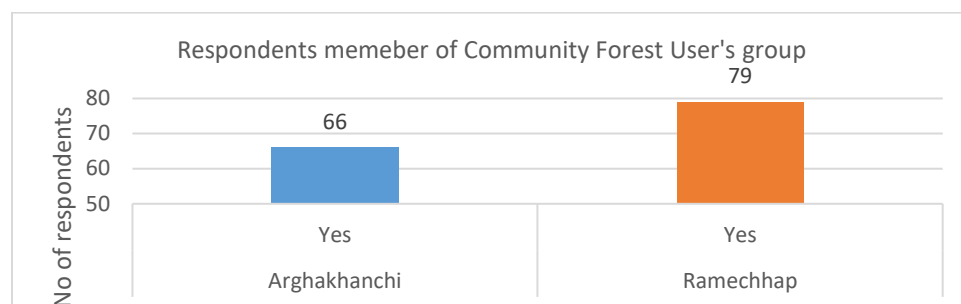
G1.1b Are you a member of Self-help groups?



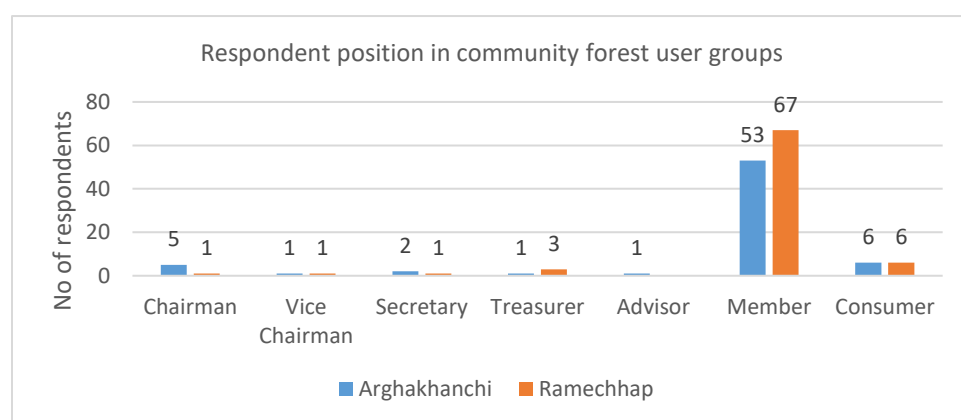
G1.1b.1 If yes, what is your position in the group?



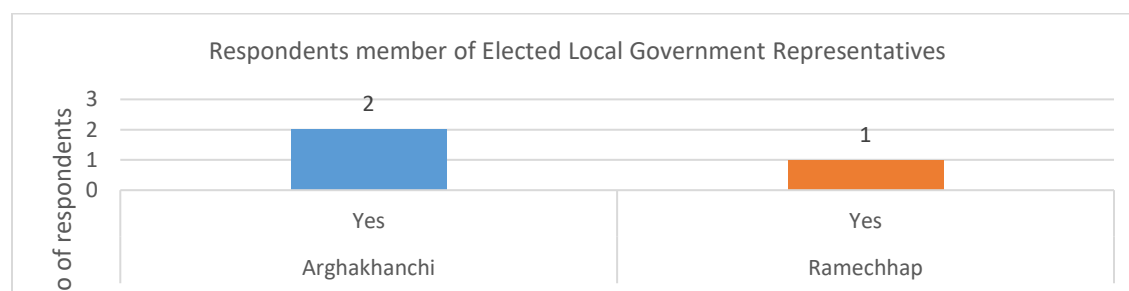
G1.1c Are you a member of Community Forest users' group?



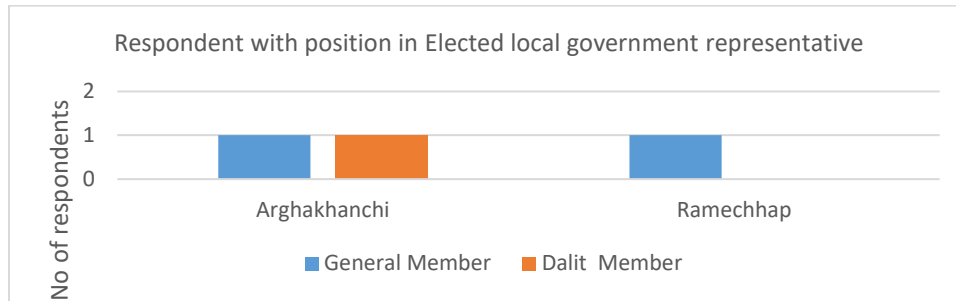
G1.1c.1 If yes, what is your position in the group?



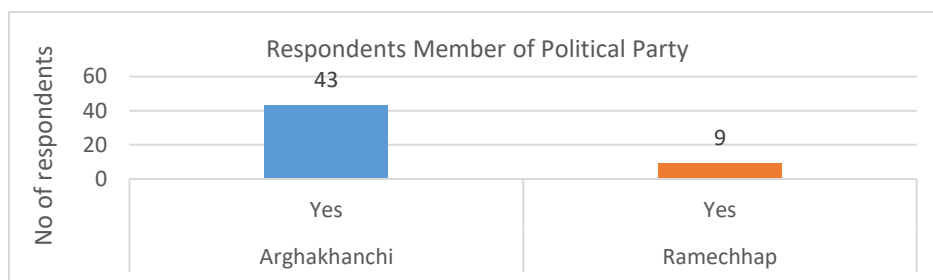
G1.1d Are you a member of elected local government representative?



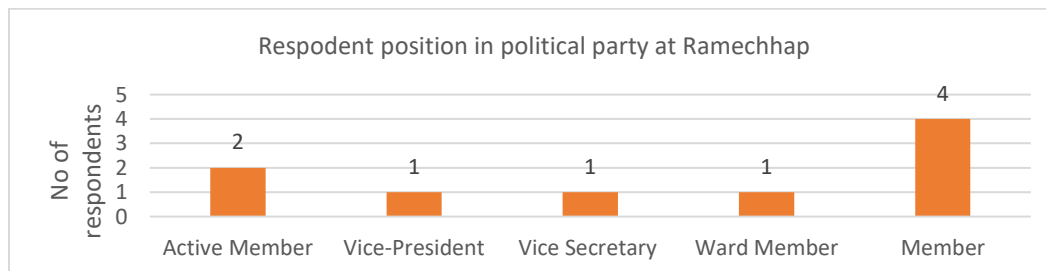
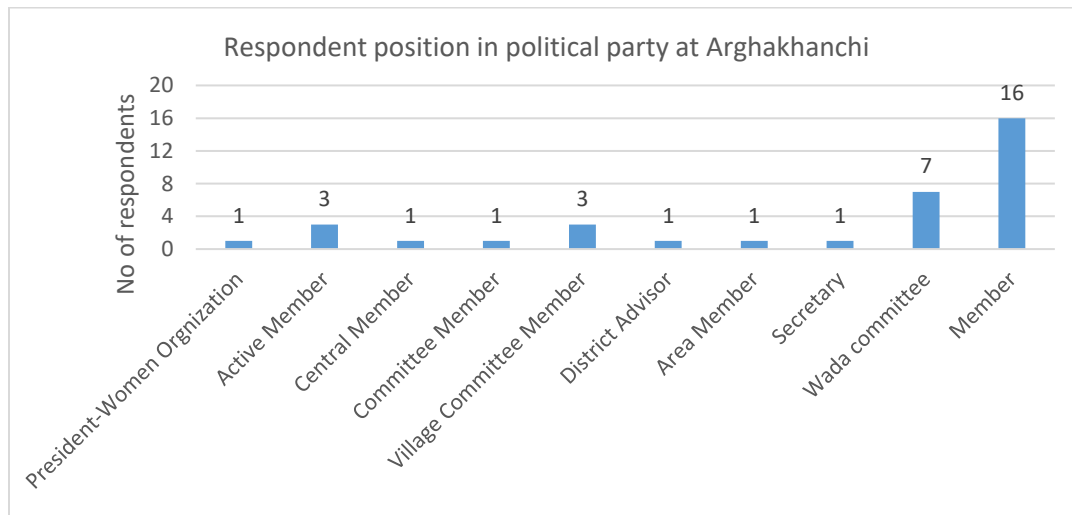
G1.1d.1 If yes, what is your position in the group?



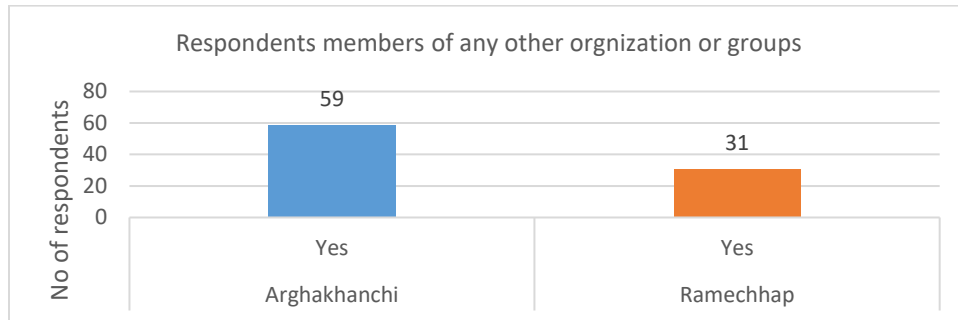
G1.1e Are you a member of Political party?



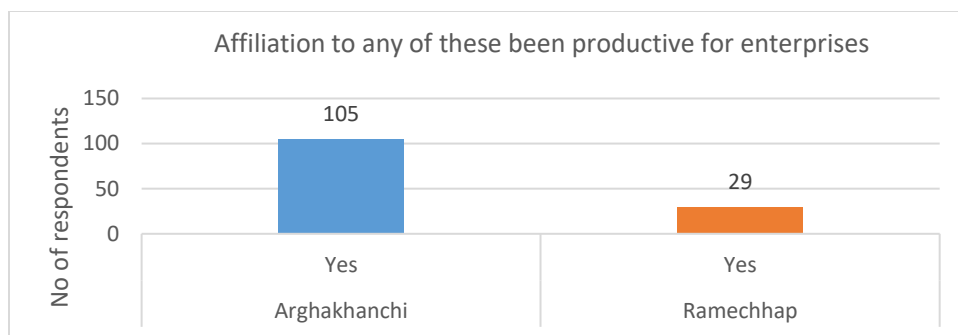
G1.1e.1 If yes, what is your position in the group?



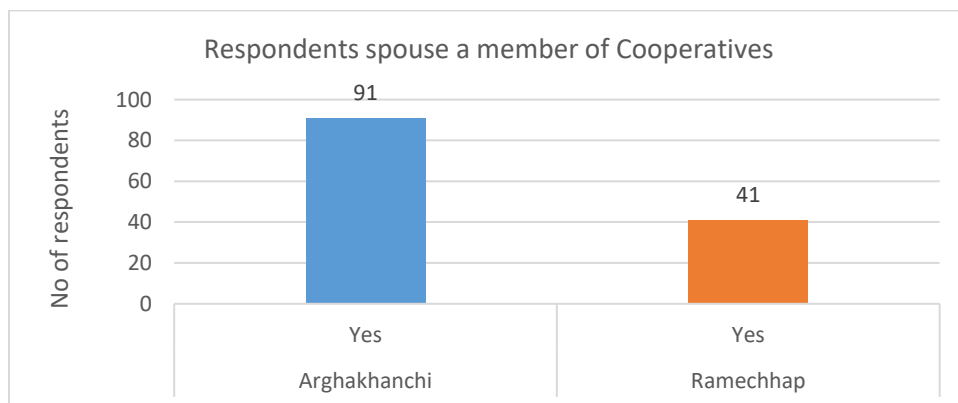
G1.If Are you a member of any other groups or organizations?



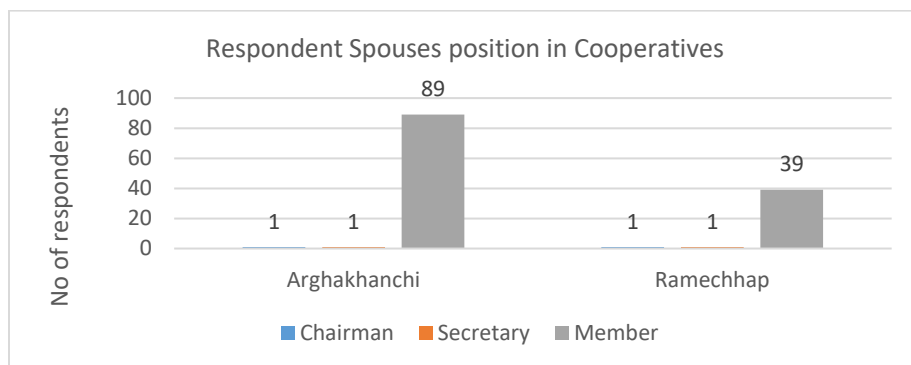
G1.2 Has affiliation to any of these been productive for your enterprise?



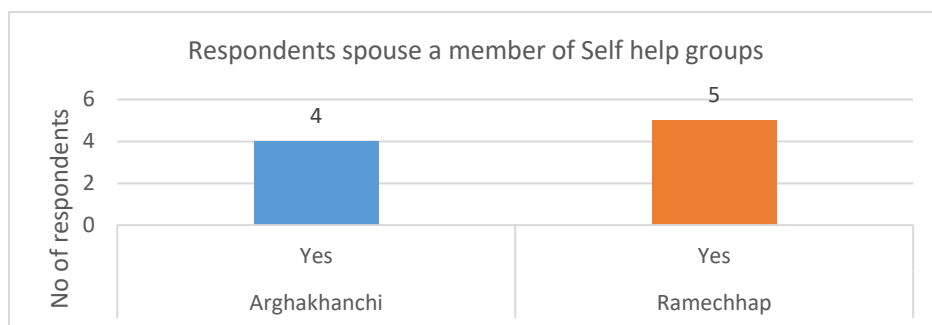
G1.3a Is your spouse a member of Cooperatives?



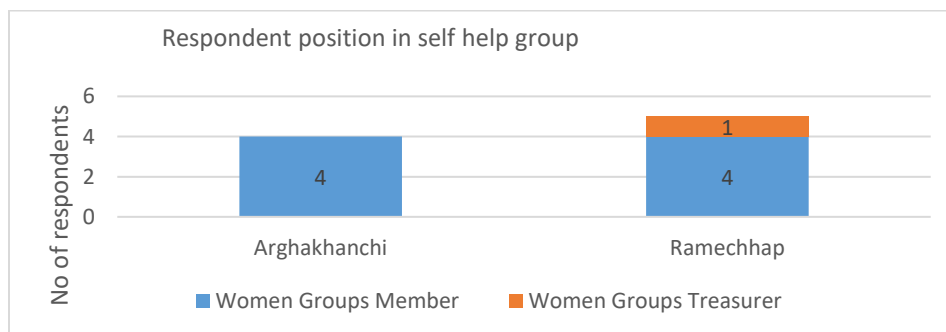
G1.3a.1 If yes, what is your position in the group?



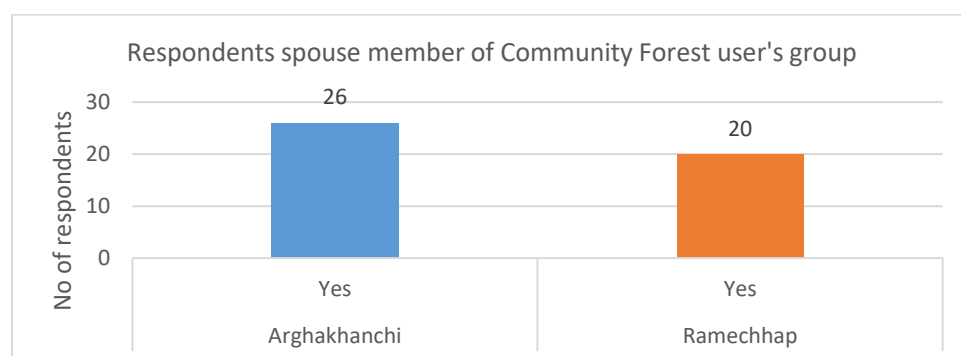
G1.3b Is your spouse a member of Self-help groups?



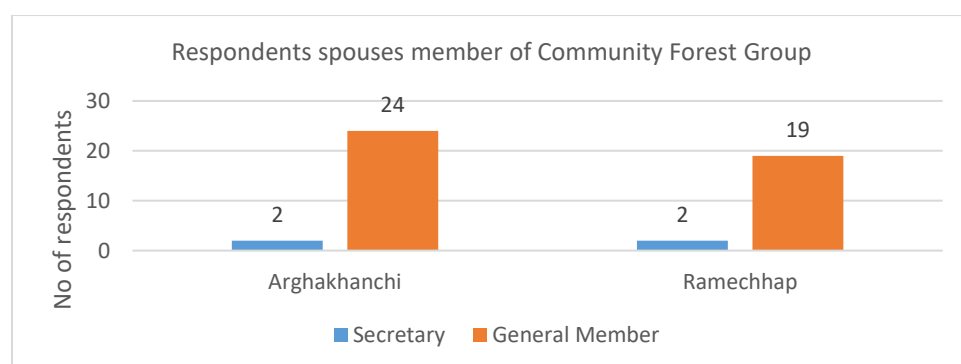
G1.3b.1 If yes, what is your position in the group?



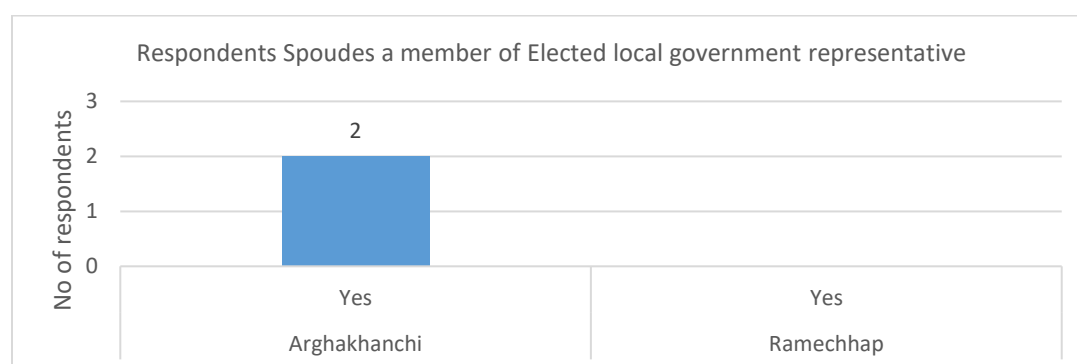
G1.3c Is your spouse a member of Community Forest users' group?



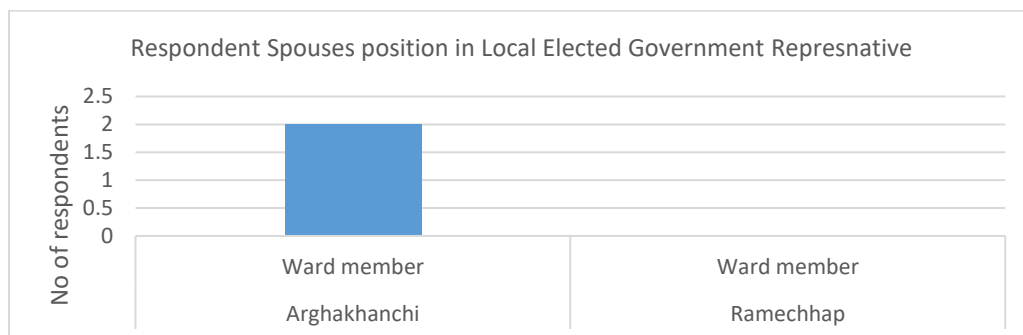
G1.3c.1 If yes, what is your position in the group?



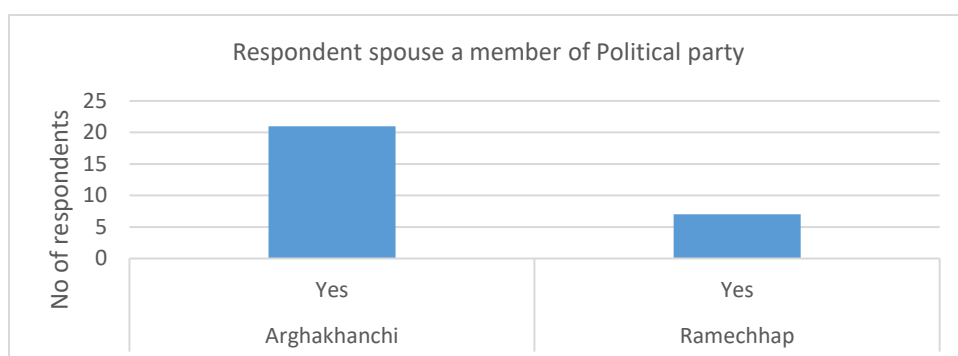
G1.3d Is your spouse a member of Elected local government representative?



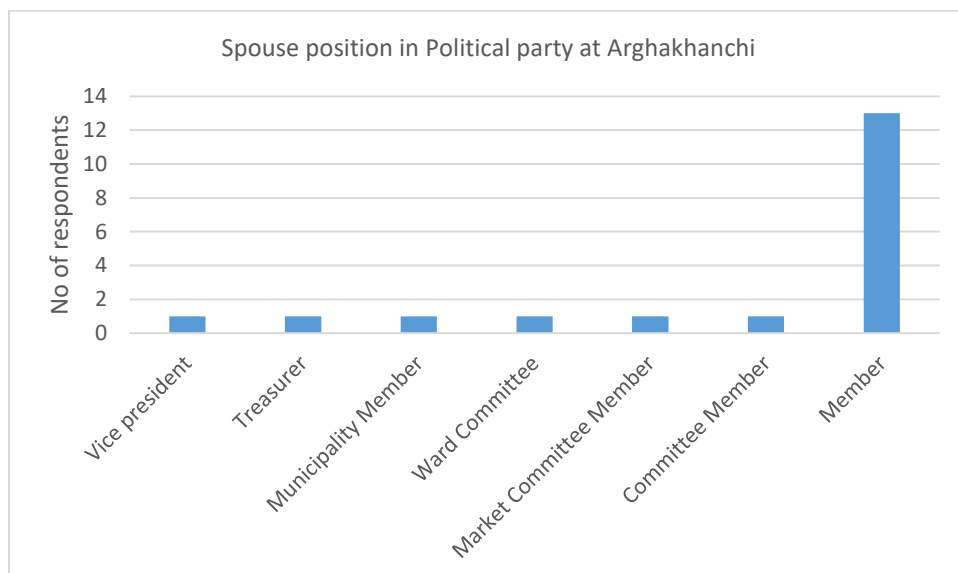
G1.3d.1 If yes, what is your position in the group?

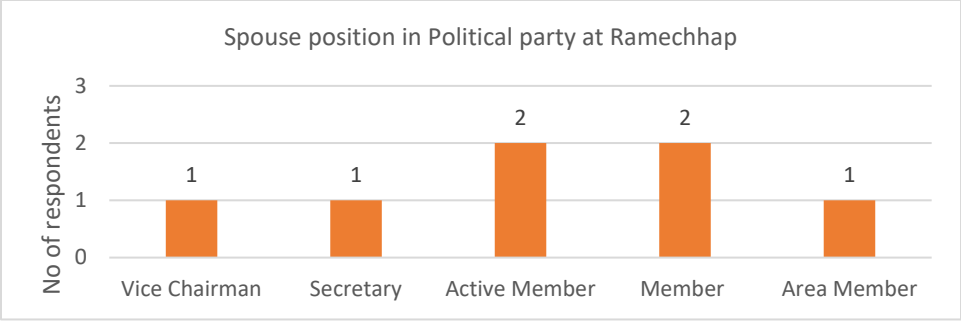


G1.3e Is your spouse a member of Political party?

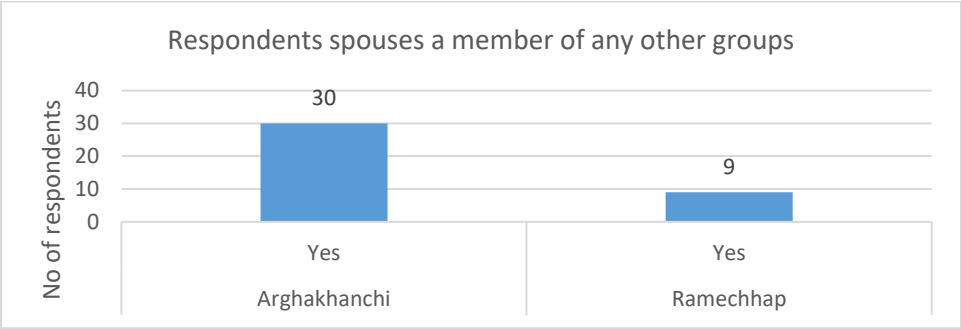


G1.3e.1 If yes, what is your position in the group?

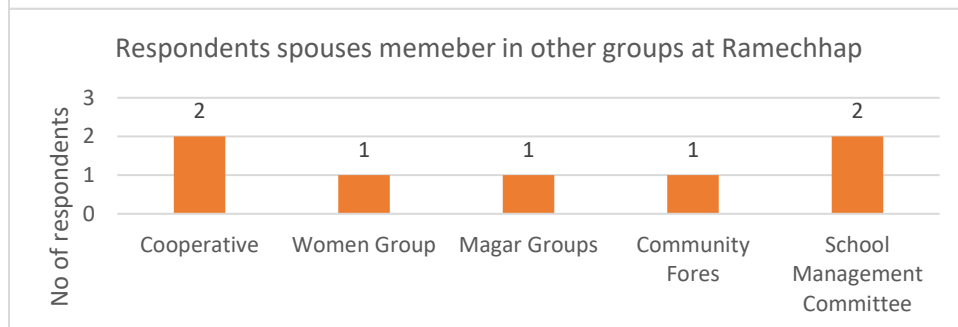




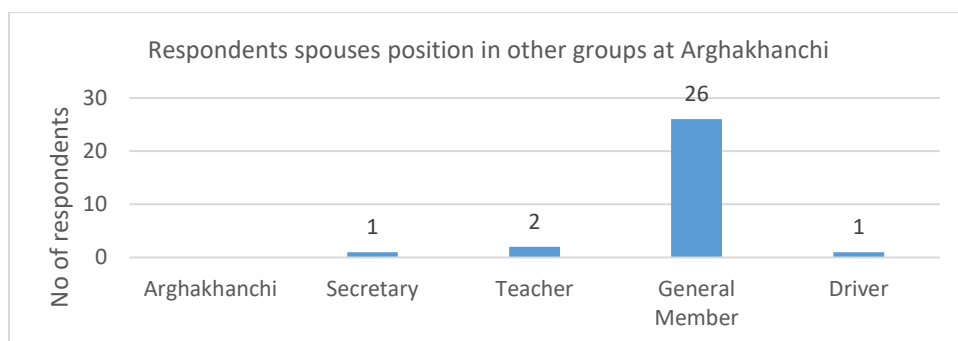
G1.3f Is your spouse a member of any other groups or organizations?

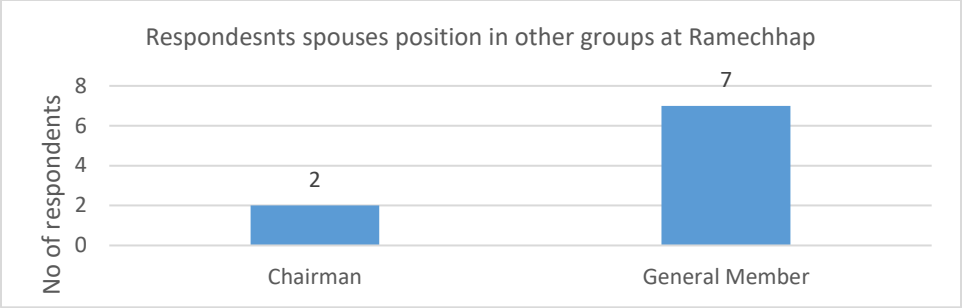


G1.3f.1 If others, then specify

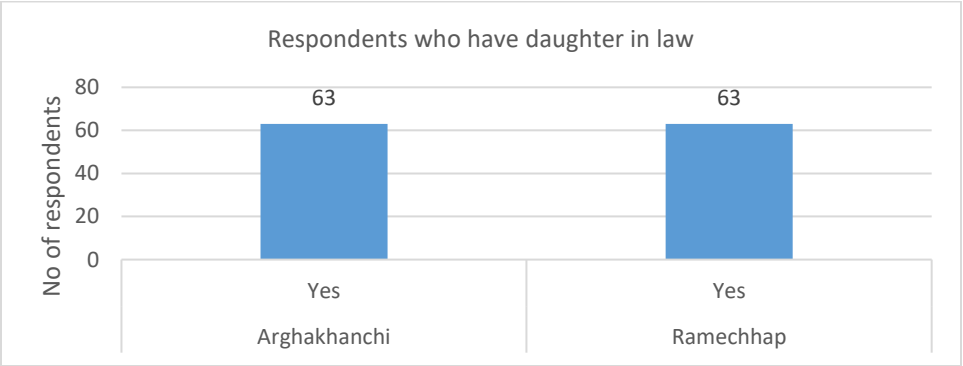


G1.3f.2 If yes, what is your position in the group?

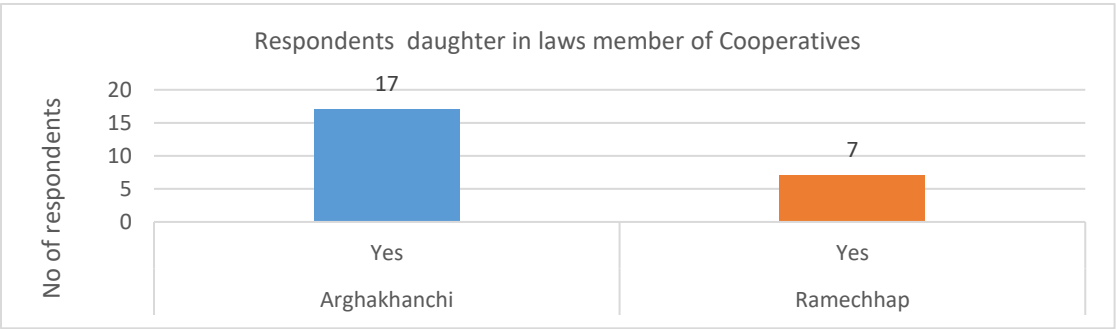




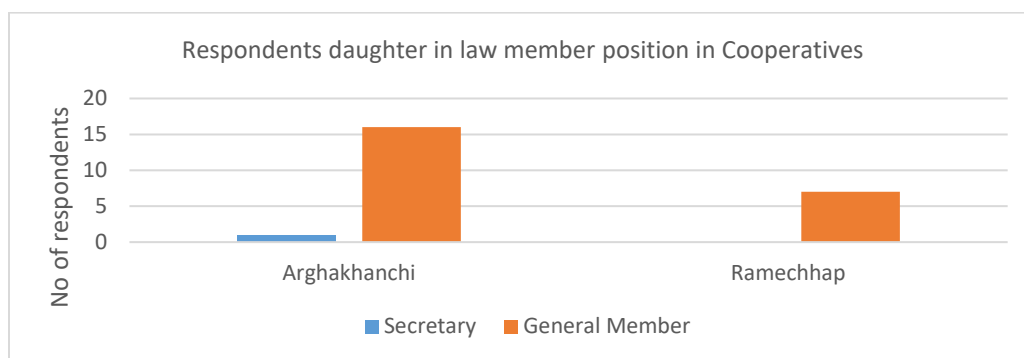
G1.4 Do you have a daughter-in-law (Buhari)?



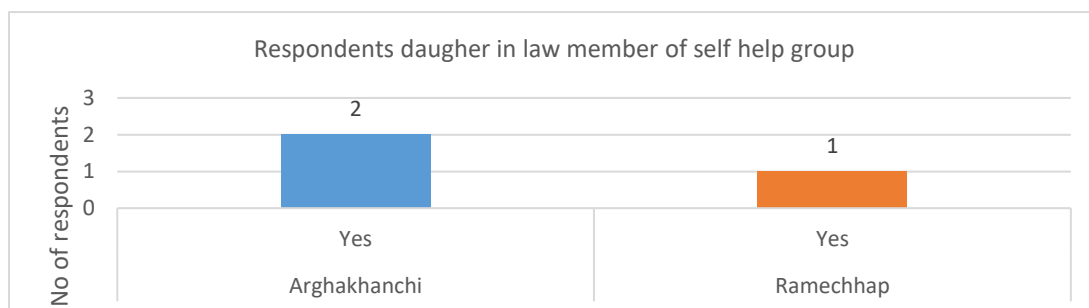
G1.4a Is your daughter- in-law (Buhari) a member of Cooperatives?



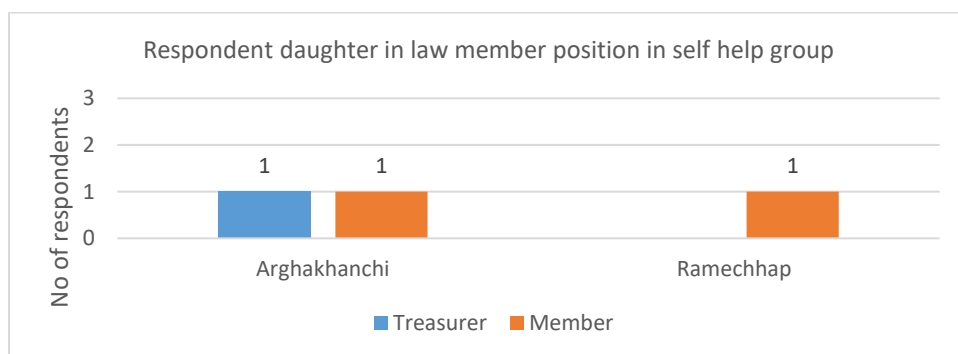
G1.4a.1 If yes, what is your position in the group?



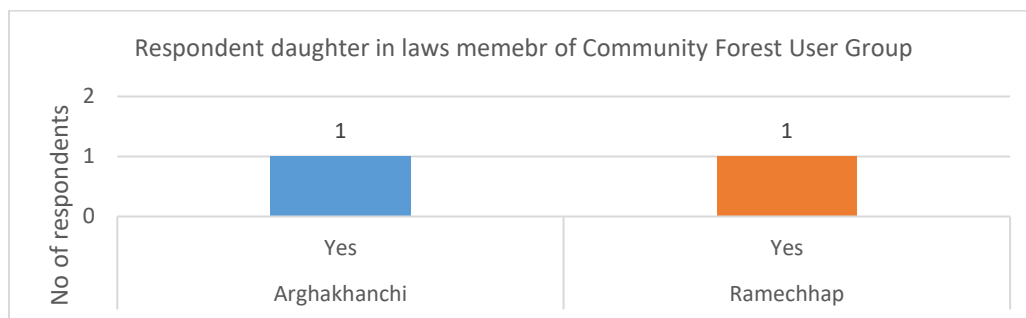
G1.4b Is your daughter- in-law (Buhari) a member of Self-help groups?



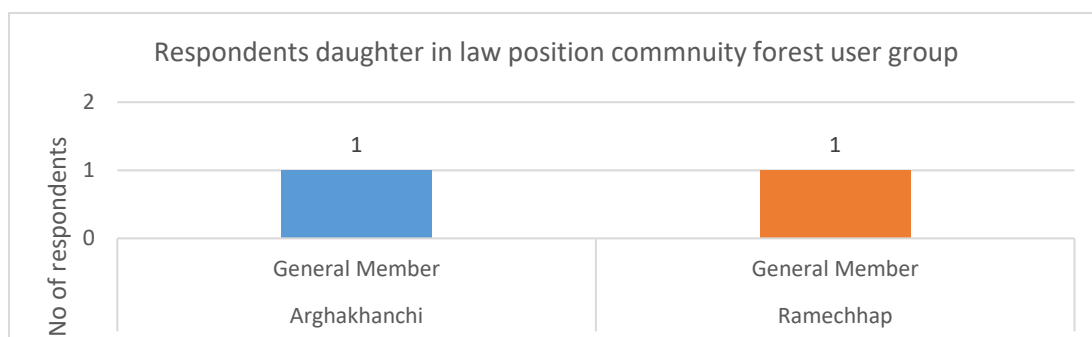
G1.4b.1 If yes, what is your position in the group?



G1.4c Is your daughter- in-law (Buhari) a member of Community Forest users' group?



G1.4c.1 If yes, what is your position in the group?



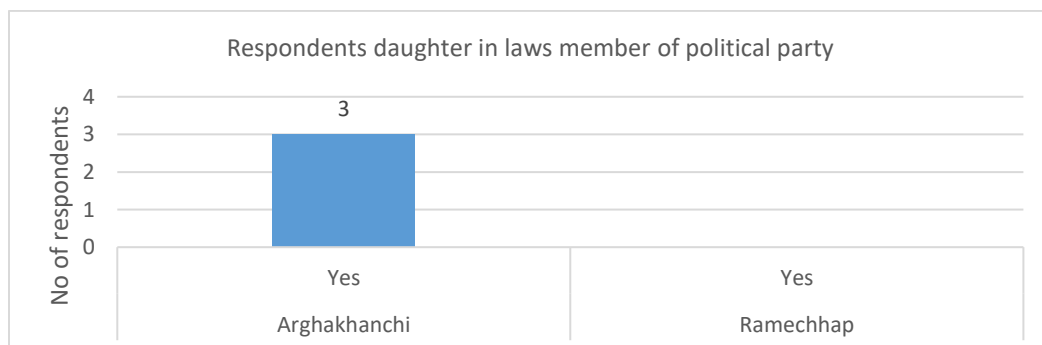
G1.4d Is your daughter- in-law (Buhari) a member of Elected local government representative?

None

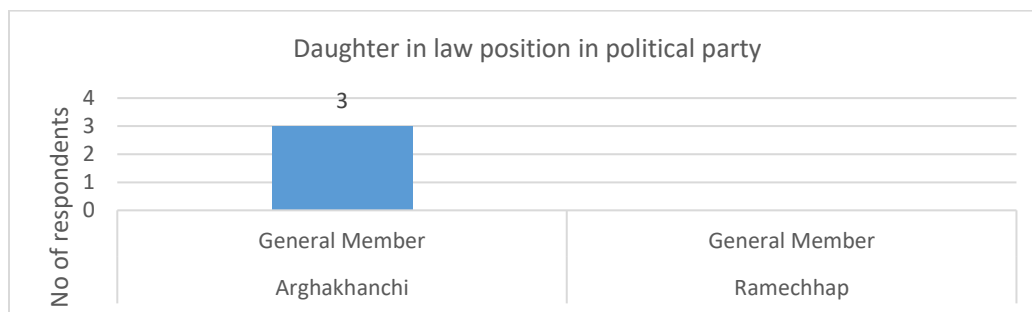
G1.4d.1 If yes, what is your position in the group?

None

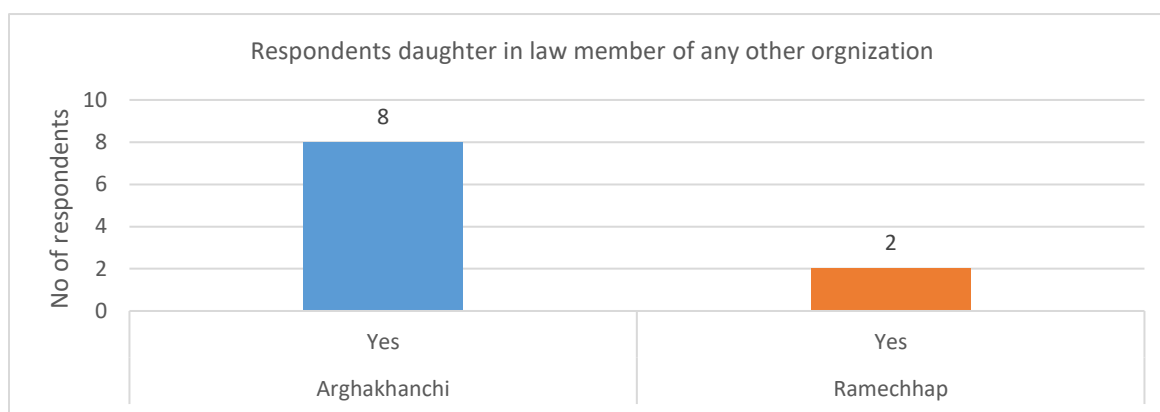
G1.4e Is your daughter- in-law (Buhari) a member of Political party?



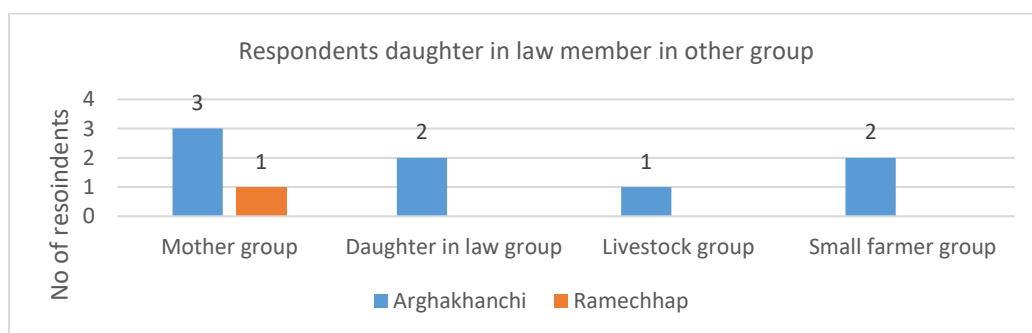
G1.4e.1 If yes, what is your position in the group?



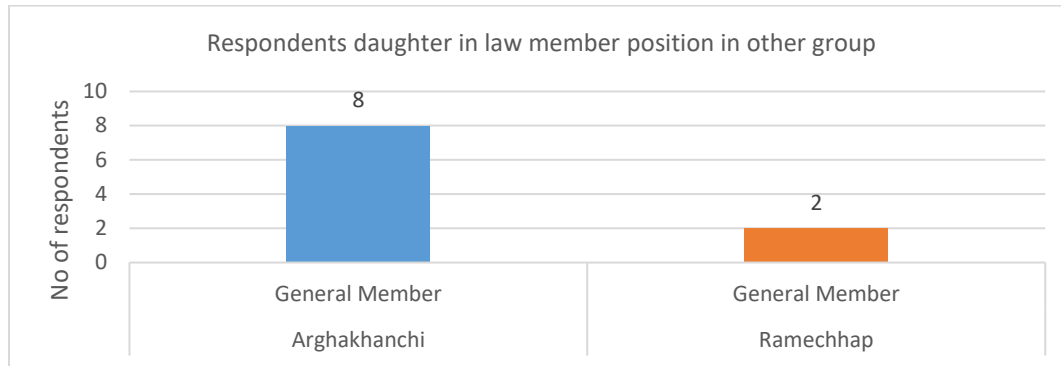
G1.4f Is your daughter- in-law (Buhari) a member of any other groups or organizations?



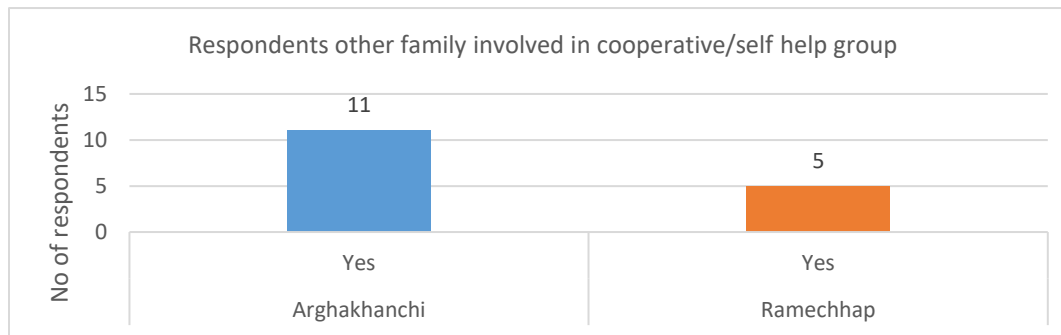
G1.4f.1 If others, then specify



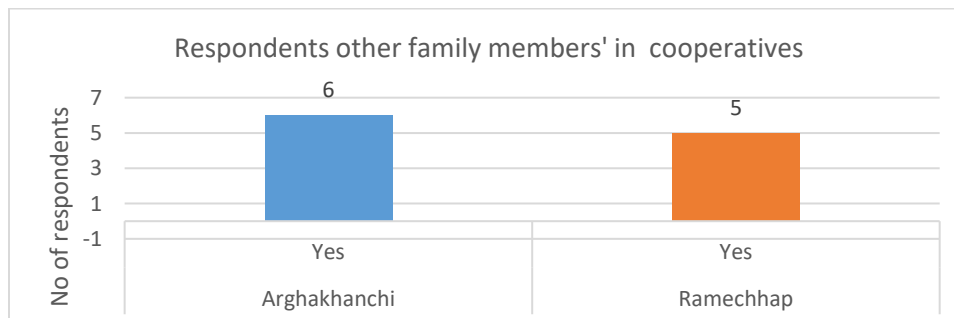
G1.4f.2 If yes, what is your position in the group?



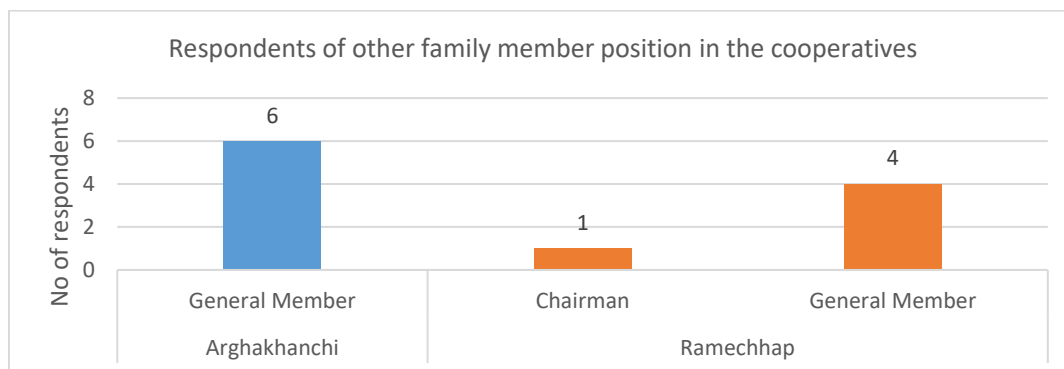
G1.5 Are other family members involved in groups like cooperative, Self-help groups, political party?



G1.5a Is your other family members a member of Cooperatives?



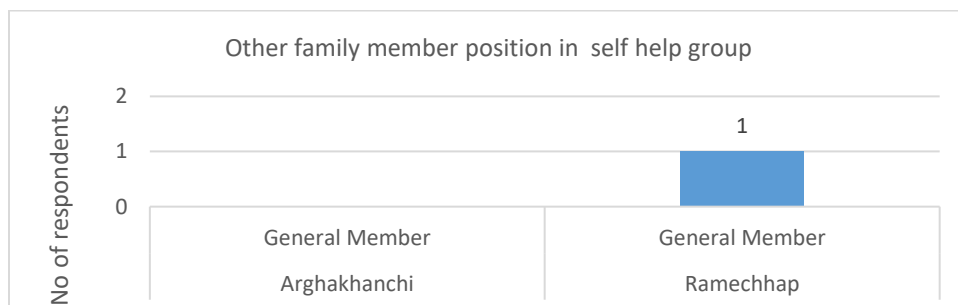
G1.5a.1 If yes, what is your position in the group?



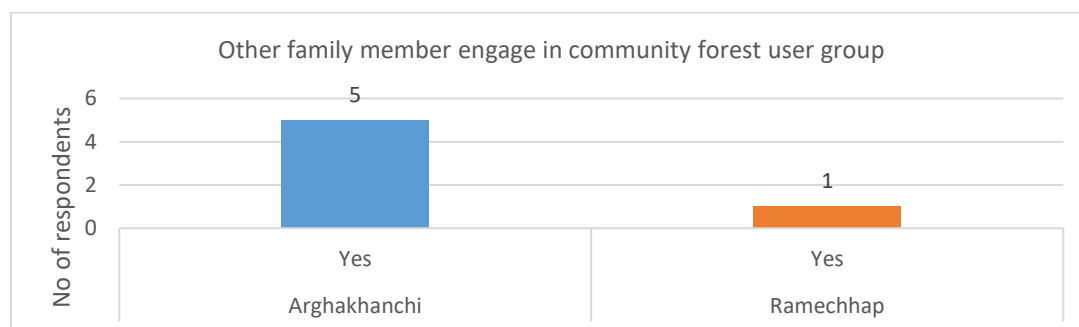
G1.5b Is your other family members a member of Self-help groups?



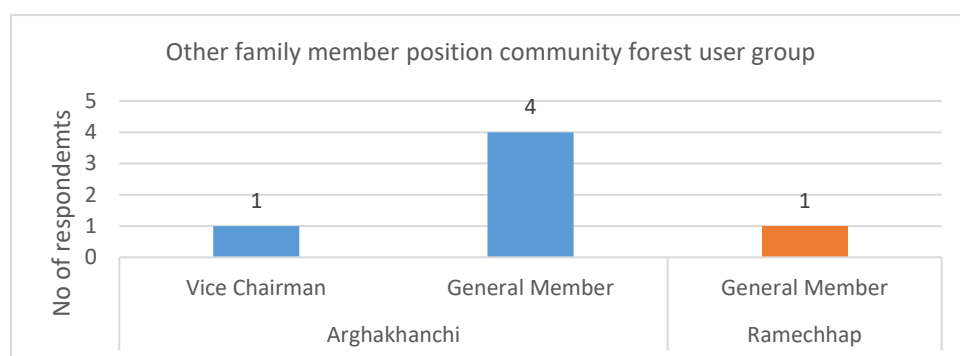
G1.5b.1 If yes, what is your position in the group?



G1.5c Is your other family members a member of Community Forest users' group?



G1.5c.1 If yes, what is your position in the group?



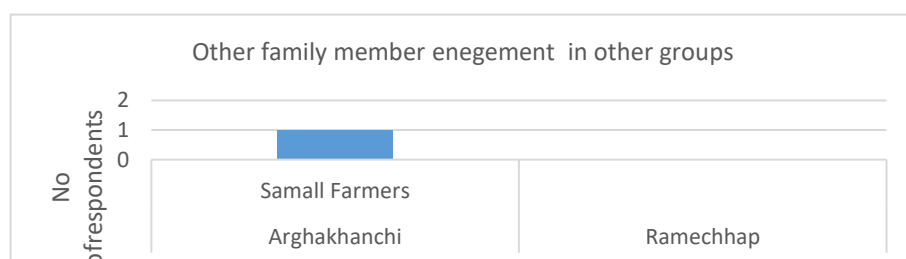
G1.5d Is your other family members a member of Elected local government representative?

None

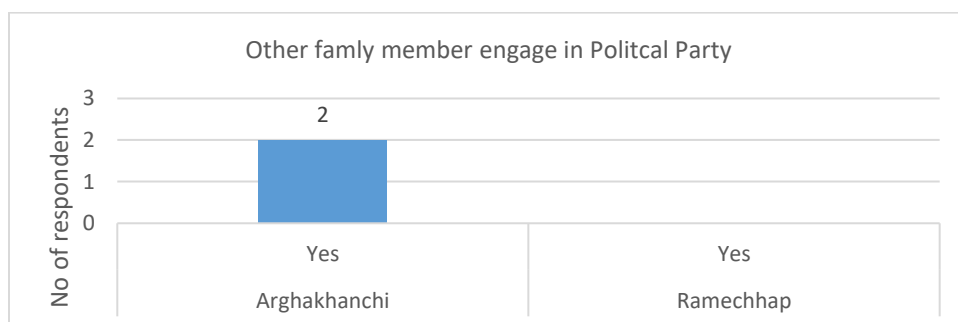
G1.5d.1 If yes, what is your position in the group?

None

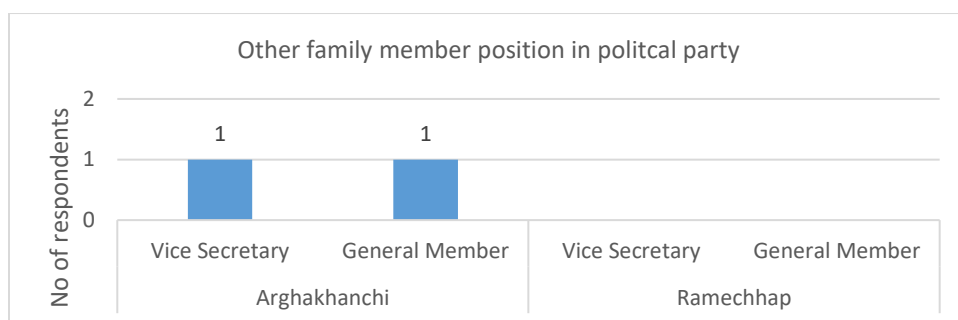
G1.5e Is your other family members a member of Political party?



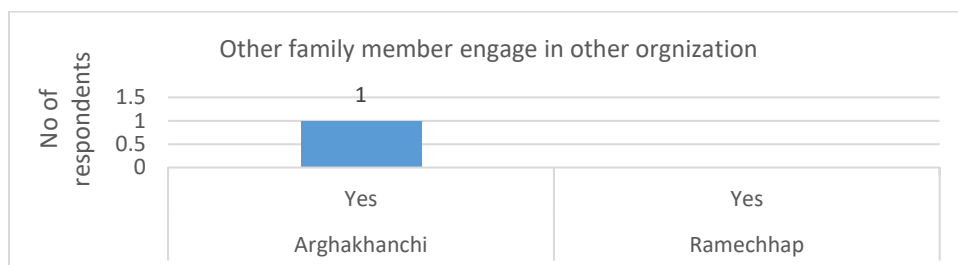
G1.5e.1 If yes, what is your position in the group?



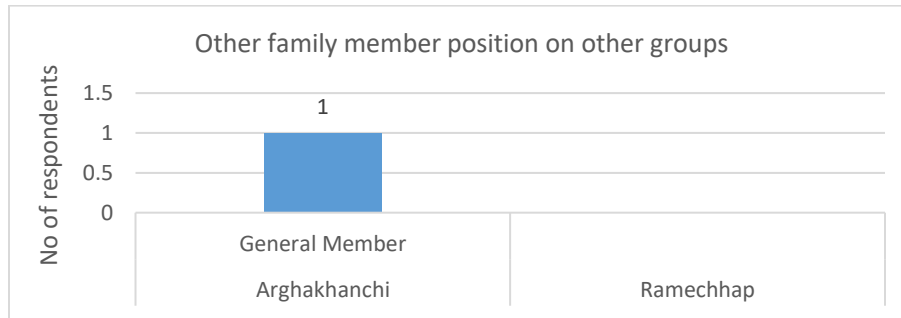
G1.5f Is your other family members a member of any other groups or organizations?



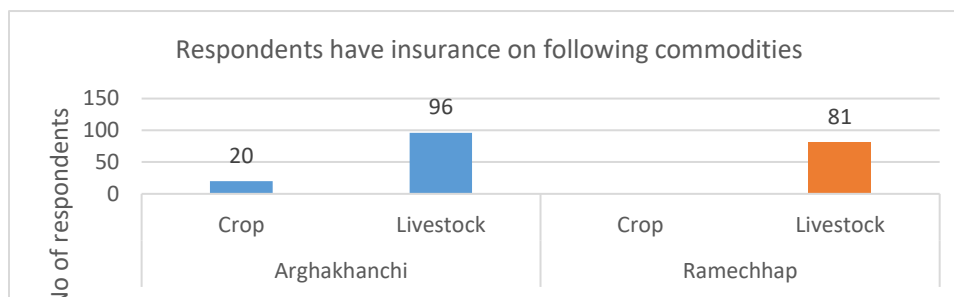
G1.5f.1 If others, then specify



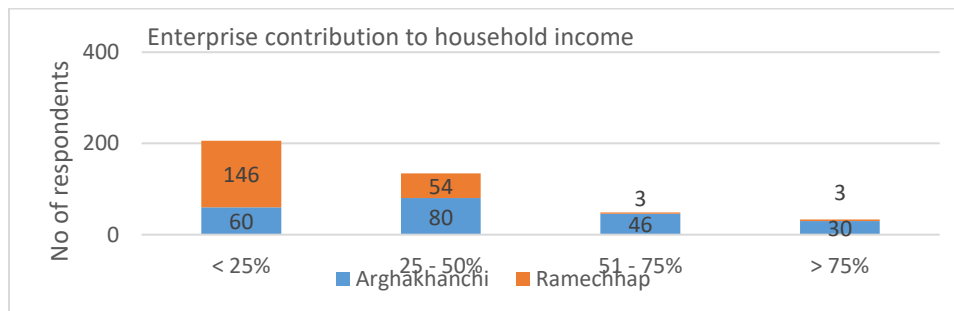
G1.5f.2 If yes, what is your position in the group?



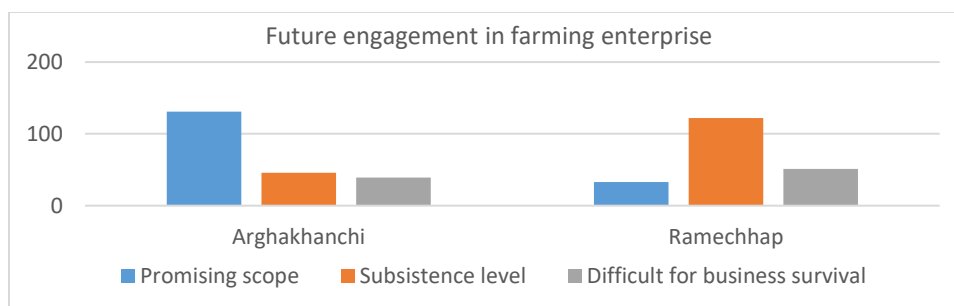
G2.1 Do you have insurance for the following commodities?



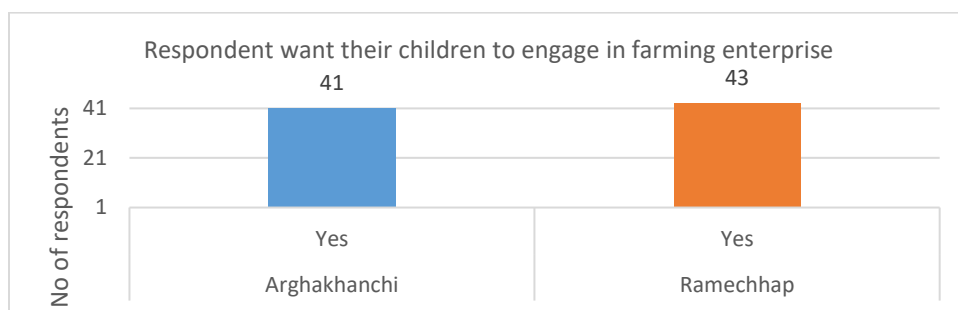
G2.2 What is the enterprise's contribution (legume/vegetable farming) to your household income?



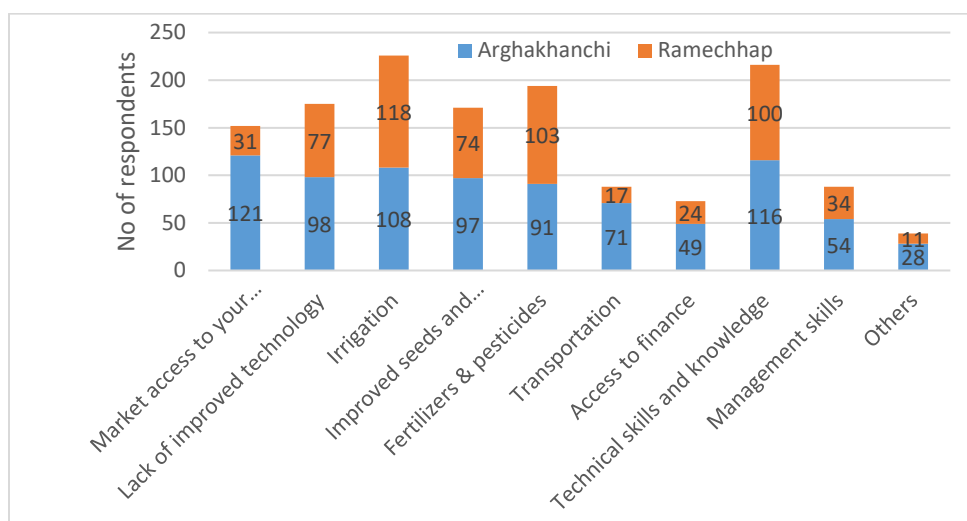
G2.3 How do you see your future engagements in farming enterprises?



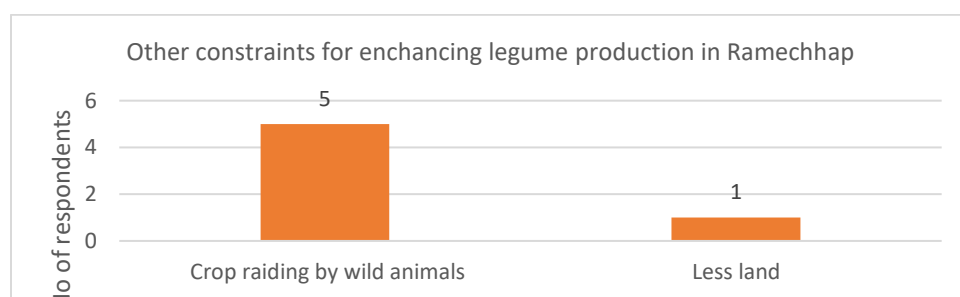
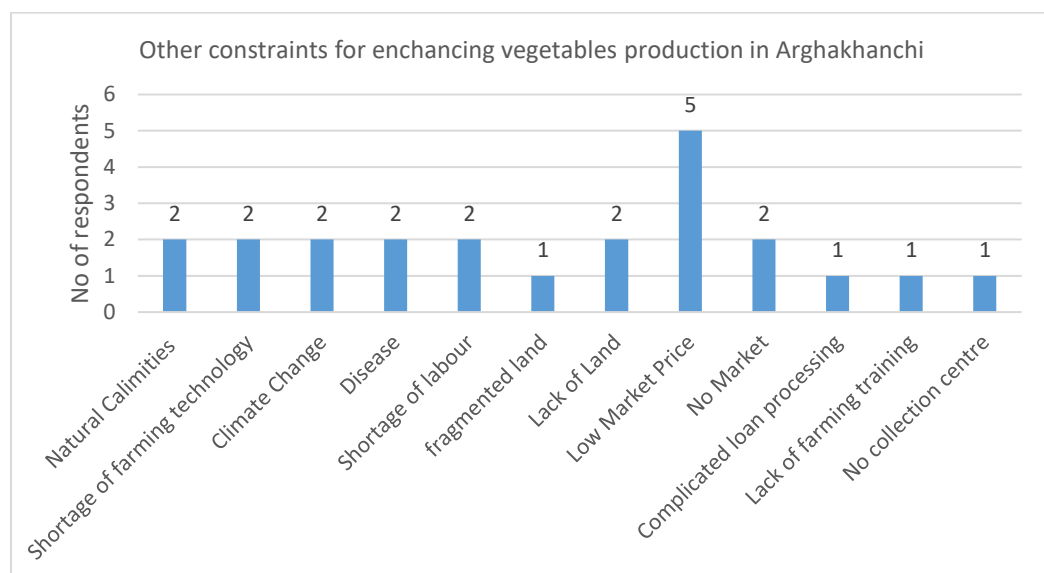
G2.4 Do you want your children to be in the same enterprise?



G2.5 What are your main constraints for enhancing vegetable production/legume production/enterprises?



G2.5.1 If others, then specify



Section H. Decision-making and workload distribution

H1. Decision-making process and workload distribution among family members

Arghakhanchi: Quite similar perceptions of male and female on workload distribution.

Status of Work Load Distribution and Decision-Making Process Among Family Members

	Arghakhanchi					
	Female			Male		
	Equally distribute	Female does more	Male does more	Equally distribute	Female does more	Male does more
Crop selection	19%	28%	16%	19%	5%	13%

Purchasing of seeds	16%	22%	25%	13%	4%	21%
Purchasing of fertilizers	18%	21%	23%	14%	4%	19%
Purchasing of pesticides	16%	20%	27%	9%	4%	25%
Purchasing/renting machines/tools	17%	20%	26%	10%	2%	25%
Renting and purchasing farm land	15%	19%	28%	13%	2%	23%
Accessing loans	23%	26%	13%	21%	4%	12%
Marketing of produce	20%	25%	18%	16%	3%	18%
Membership in a group/cooperative	24%	32%	6%	25%	7%	5%

Ramechhap: Female responded as female does more, but males claim for equally distributed.

Gender Wise Distribution of Work Load in Farming Activities

	Ramechhap					
	Female			Male		
	Equally	Female	Male	Equally	Female	Male
	distribute	does	does	distribute	does	does
	d	more	more	d	more	more
Crop selection	29%	39%	8%	16%	2%	6%
Purchasing of seeds	24%	37%	15%	16%	2%	6%
Purchasing of fertilizers	24%	37%	16%	17%	1%	6%
Purchasing of pesticides	24%	35%	17%	16%	1%	7%
Purchasing/renting machines/tools	24%	29%	23%	13%	1%	10%

Renting and purchasing farm land	27%	26%	23%	15%	0%	8%
Accessing loans	26%	28%	22%	14%	1%	8%
Marketing of produce	29%	35%	13%	14%	2%	8%
Membership in a group/cooperative	27%	39%	10%	17%	0%	6%

H2. Workload distribution among family members in household activities

Arghakhanchi: Female responded as females do more, but males claim for equally distributed.

Gender Wise Distribution of Workload Among Family Members

	Arghakhanchi					
	Female			Male		
	Equally distributed	Female does more	Male does more	Equally distributed	Female does more	Male does more
Household work (chores, care work)	15%	46%	1%	15%	21%	1%
Child handling (education, pickup & drop-off at school)	15%	47%	0%	15%	22%	1%
Land preparation	21%	25%	17%	20%	4%	13%
Seeding, weeding, earthing-up	30%	29%	4%	26%	7%	4%
Application of fertilizers/manuring	31%	27%	5%	25%	6%	6%
Application of pesticides	16%	22%	25%	8%	3%	26%
Harvesting (collecting, threshing)	29%	29%	4%	29%	5%	4%
Post-harvest activity (cleaning, grading, packaging)	30%	31%	2%	27%	7%	3%

Marketing (purchasing inputs and selling outputs)	21%	27%	15%	14%	5%	19%
Livestock management (fodder collection, feeding at stalls, milking, etc.)	26%	33%	3%	23%	11%	4%
Attending social activities (meetings, training)	24%	34%	5%	28%	4%	6%

Ramechhap: Female responded as females do more, but males claim for equally distributed.

Status of Gender Wise Work Load Distribution

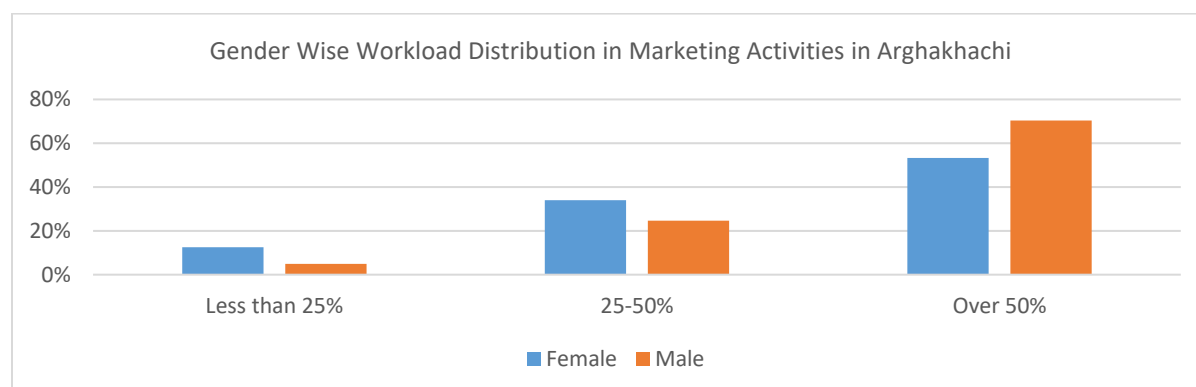
	Ramechhap					
	Female			Male		
	Equally distributed	Female does more	Male does more	Equally distributed	Female does more	Male does more
Household work (chores, care work)	17%	55%	4%	10%	10%	3%
Child handling (education, pickup & drop-off at school)	17%	56%	3%	11%	10%	3%
Land preparation	32%	28%	17%	16%	6%	2%
Seeding, weeding, earthing-up	35%	36%	5%	18%	1%	4%
Application of fertilizers/manuring	33%	36%	7%	19%	0%	4%
Application of pesticides	27%	30%	19%	15%	0%	9%
Harvesting (collecting, threshing)	42%	30%	4%	19%	0%	4%
Post-harvest activity (cleaning, grading, packaging)	38%	34%	4%	18%	1%	4%

Marketing (purchasing inputs and selling outputs)	27%	38%	12%	17%	0%	6%
Livestock management (fodder collection, feeding at stalls, milking, etc.)	27%	43%	6%	17%	3%	4%
Attending social activities (meetings, training)	19%	39%	18%	15%	1%	8%

H4. What is your workload share in marketing activities?

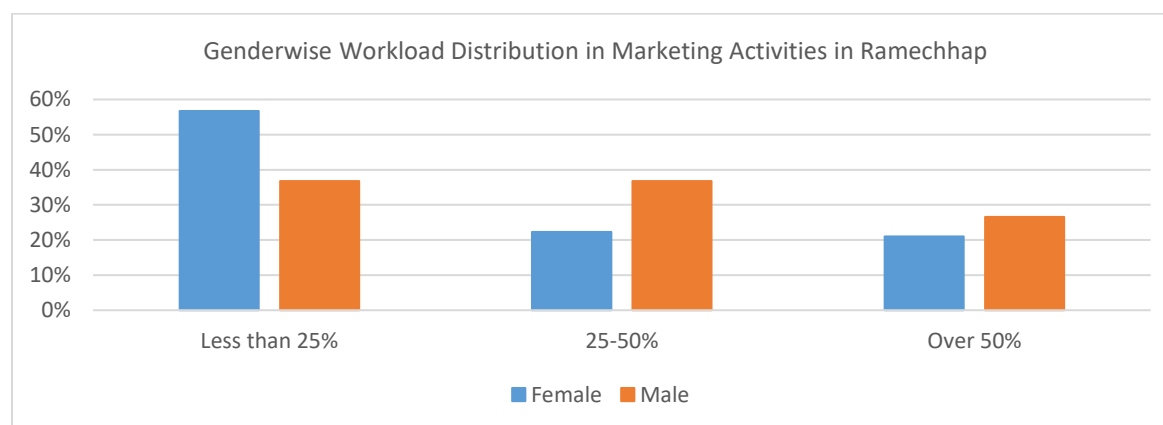
Arghakhanchi: males are more engaged in marketing

Gender Wise Workload Distribution in Marketing Activities in Arghakhanchi



Ramechhap: almost equally involved

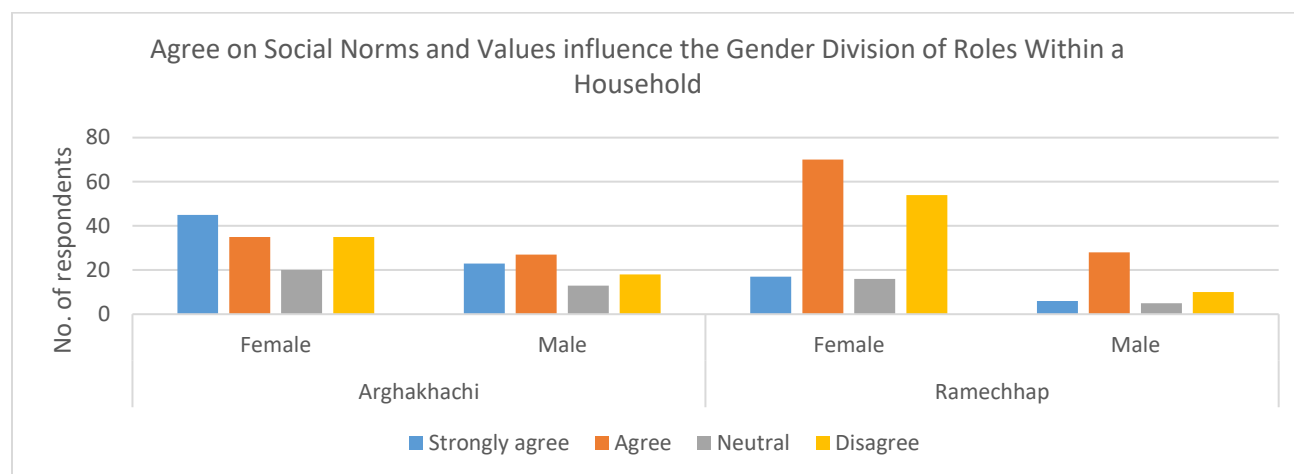
Gender wise Workload Distribution in Marketing Activities in Ramechhap



H5. Do you agree with the statement “Social norms and values influence the gender division of roles within a household?”

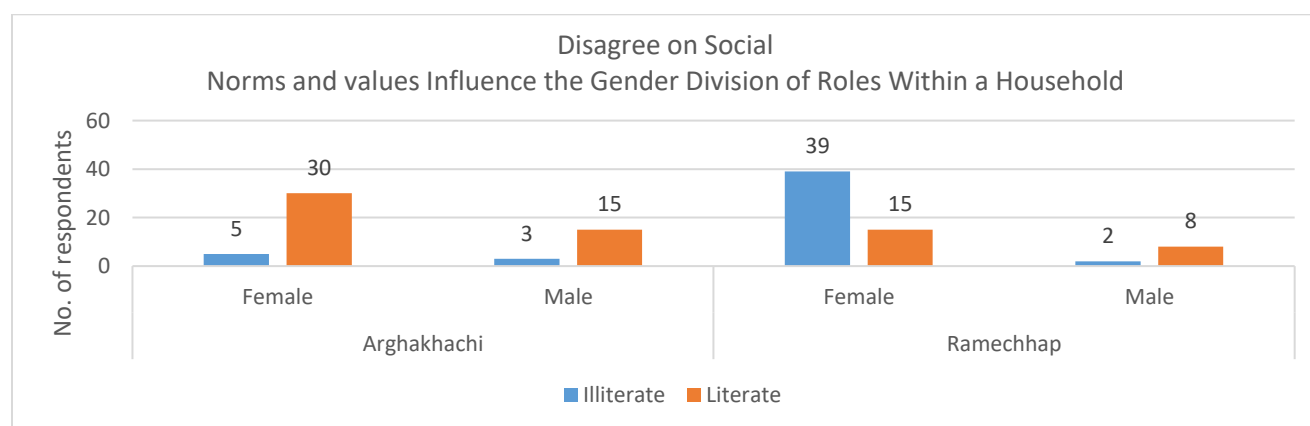
Arghakhanchi: Most females disagree, Ramechhap: few females agree

Responses to Statement “Social norms and values influence the gender division of roles within a household?”

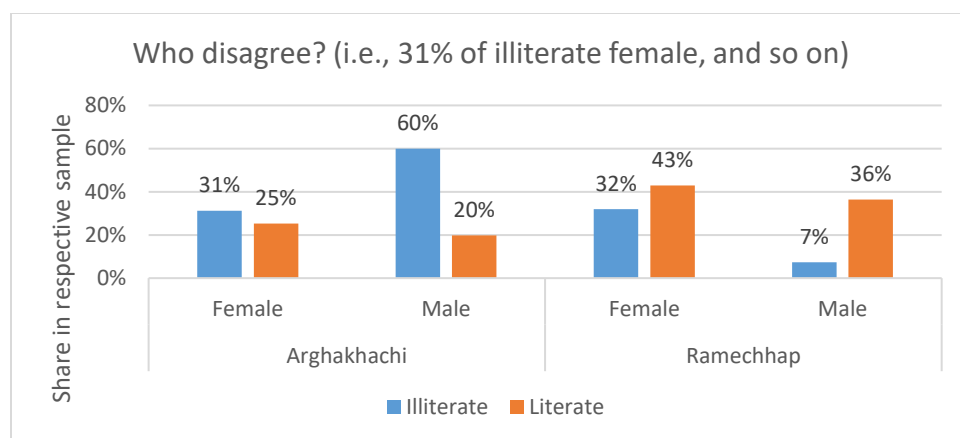


Arghakhanchi: more literates disagree, Ramechhap: more illiterates disagree

Responses to Statement “Social norms and values influence the gender division of roles within a household?”- Segregated According to Literacy Level and Gender



Responses to Statement “Social norms and values influence the gender division of roles within a household?”- Segregated According to Literacy Level and Gender

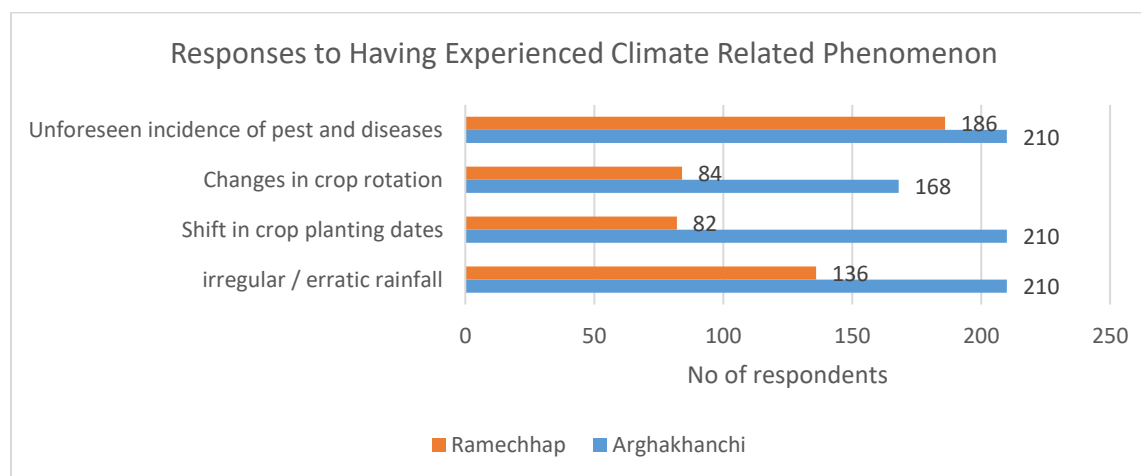


Section I. Perceptions about Climate Change in general

II. Observations on impact of climate change

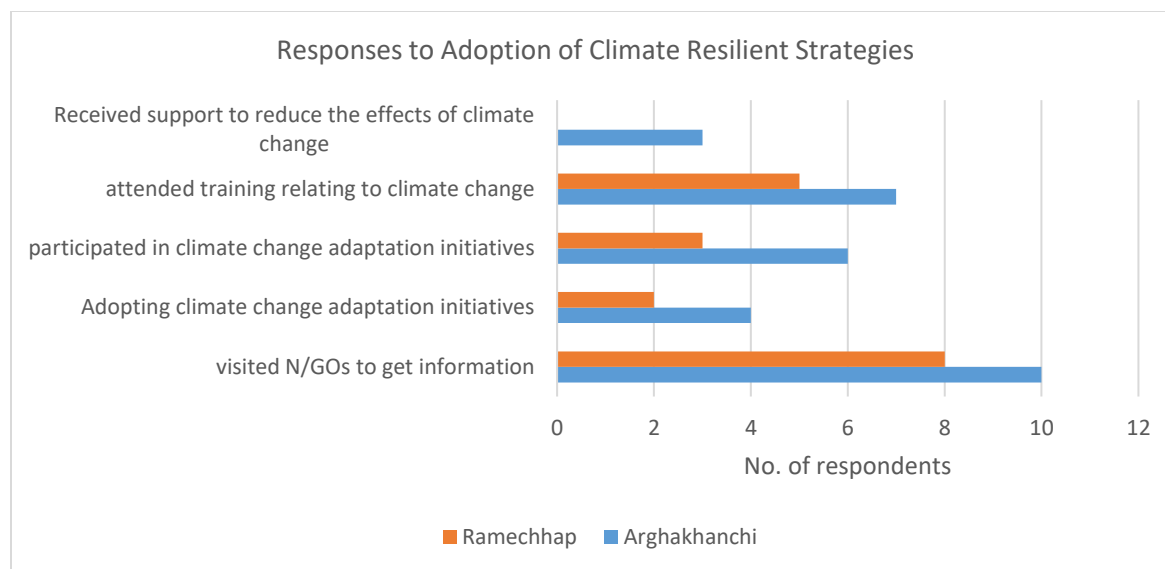
Arghakhanchi: more observation of climate change impact

Ramechhap: Pest incidence and irregular rainfall are frequently observed



12. Adoption of climate change adaptation/resilience strategies

Few participants attempted to address climate change mitigation strategies

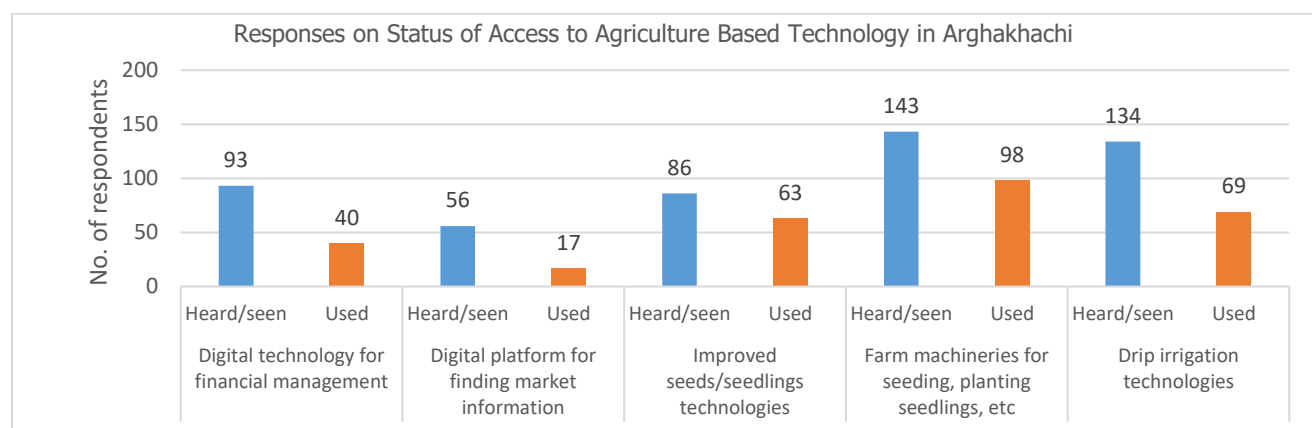


Section J. Information on access to improved technology and smart phones

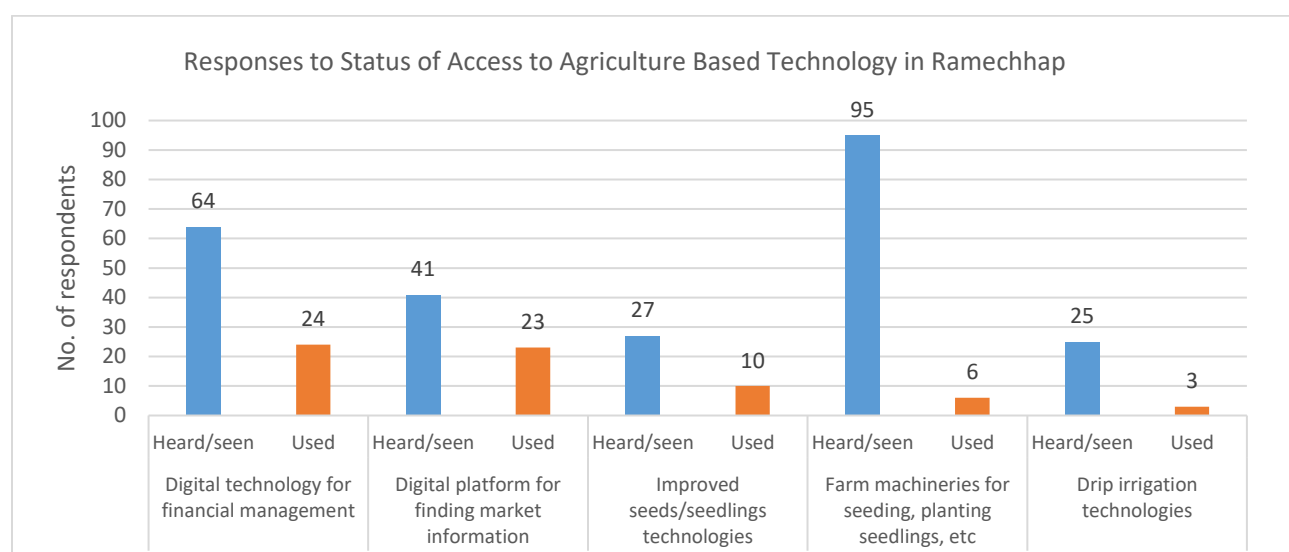
J.1. Access to technology

Arghakhanchi: No wide gap on access to technology

Responses on Status of Access to Agriculture Based Technology in Arghakhanchi

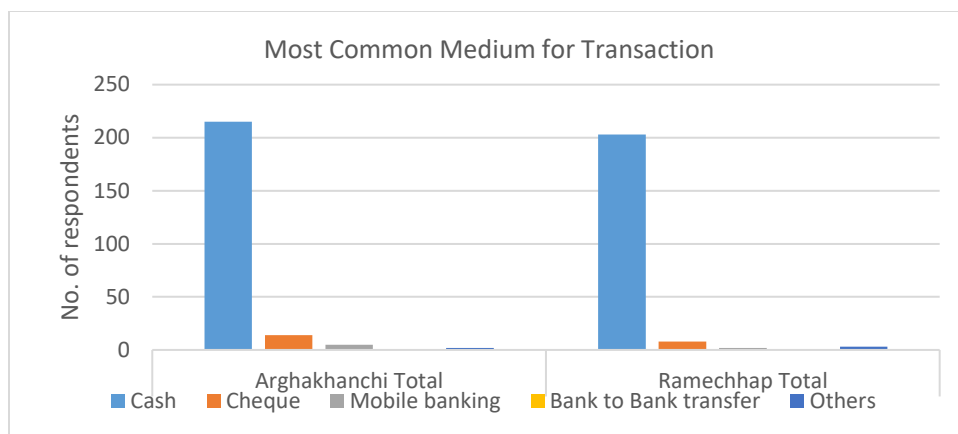


Ramechhap: wide gap in technology adoption



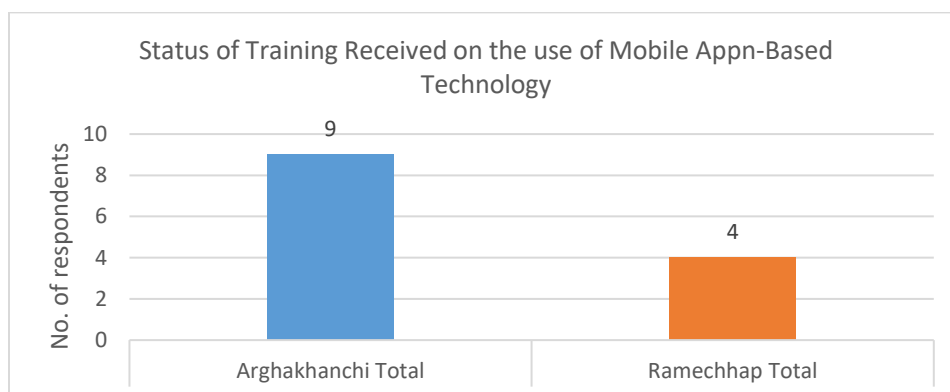
J1.4 How do you carry out financial transactions while buying farm inputs or selling products?

Mainly cash



J1.5 Have you received any training on the use of mobile app?

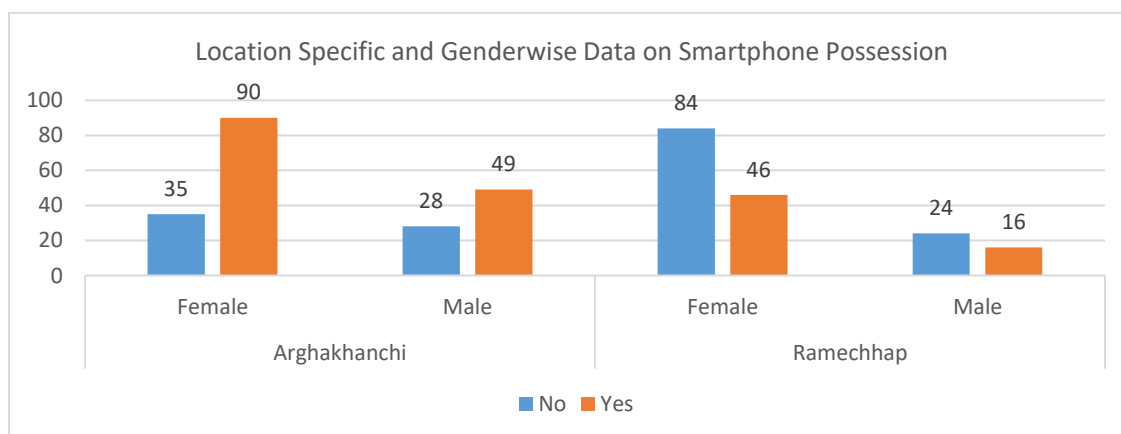
Only a few have received it



J2.1 Do you have smart phone?

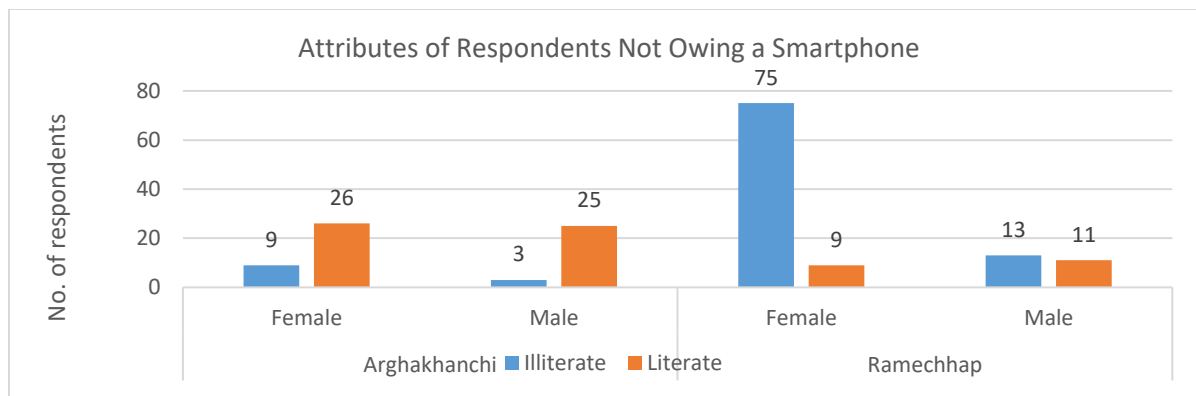
Arghakhanchi: more female YES

Ramechhap: more male YES



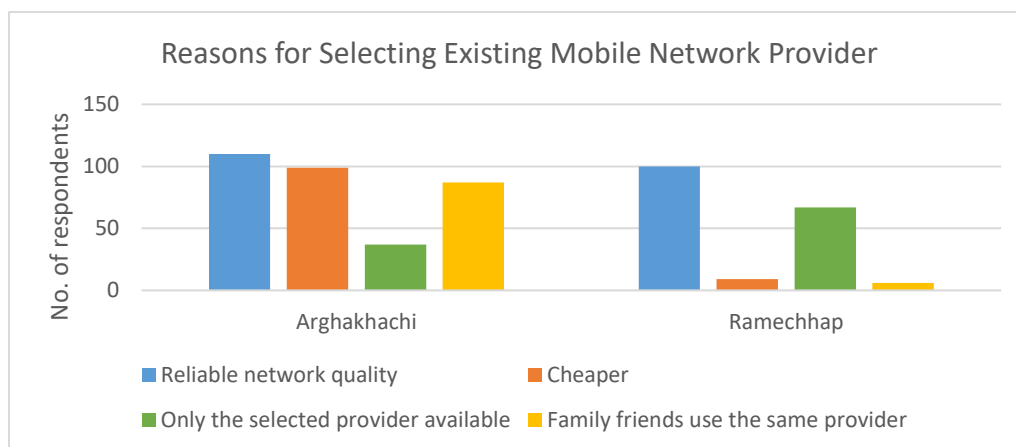
Arghakhanchi: mainly literate

Ramechhap: many illiterates as well



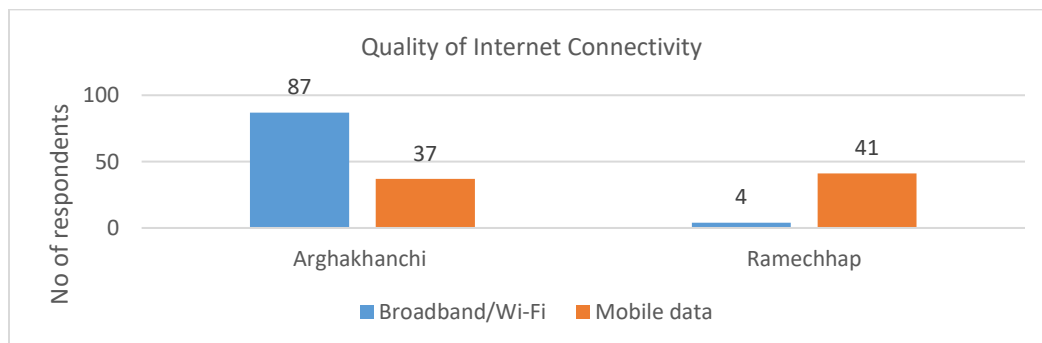
J2.7. Why did you select the existing mobile network provider?

Response: Arghakhanchi – reliable network and cheaper Ramechhap – reliable network and no alternative provider



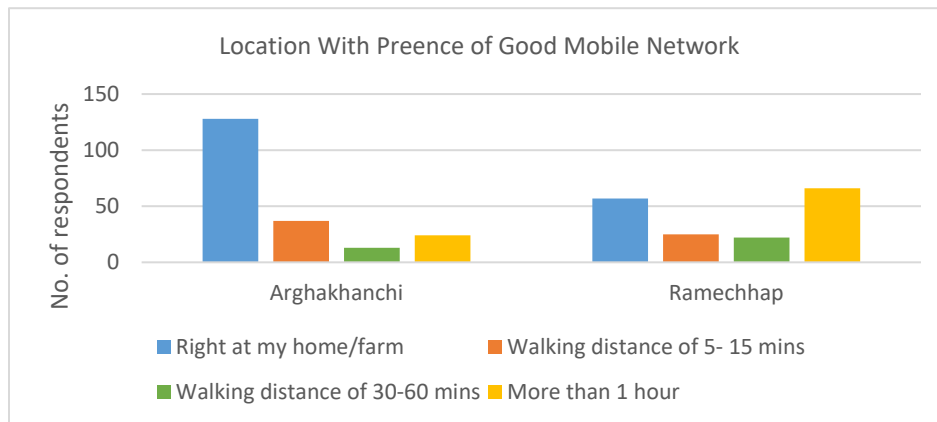
J2.8 Do you have an internet connection?

Response: Arghakhanchi – Broadband Ramechhap – Mobile data



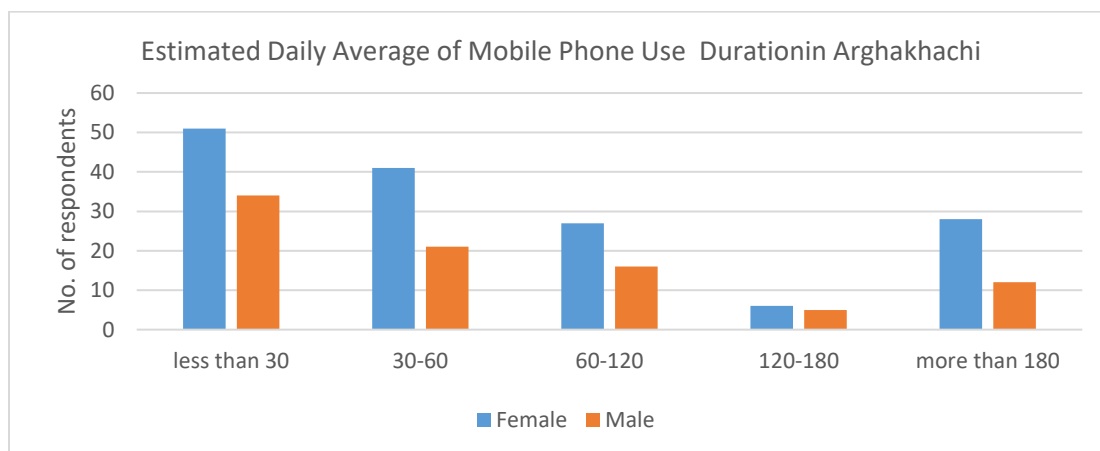
J2.11 Where do you get a good mobile network?

Response: Arghakhanchi – right at home Ramechhap – few at home and many received in a distance

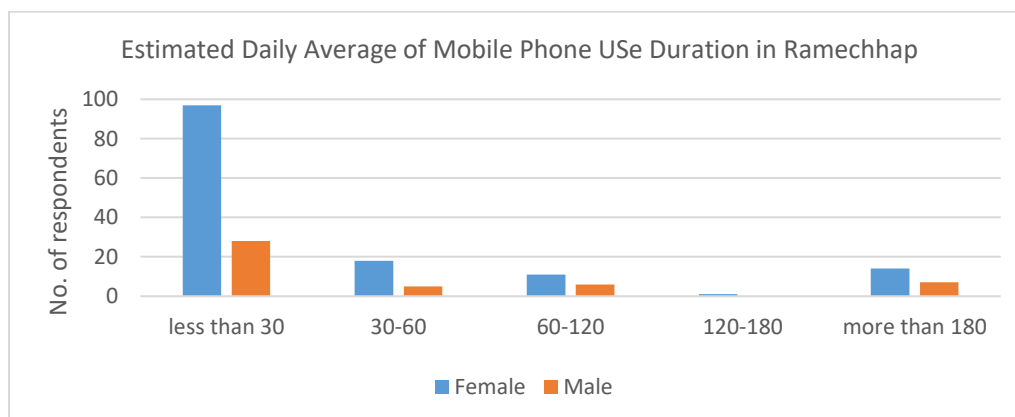


J2.14 How much time do you spend in average in using your mobile phone on a daily basis?

Response: Arghakhanchi – in average 30-60 minutes

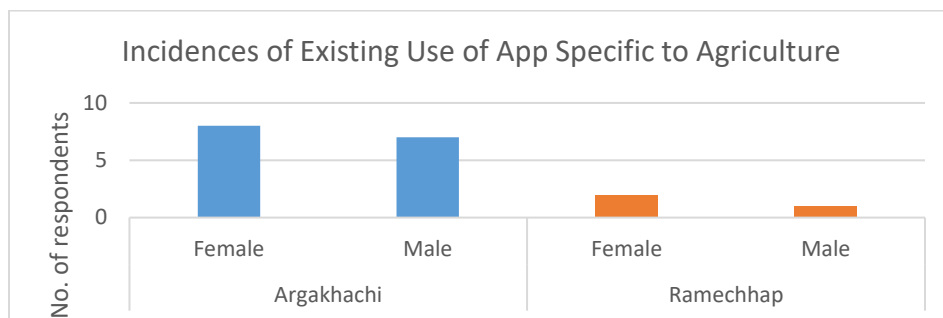


Ramechhap: in average less than 30 minutes



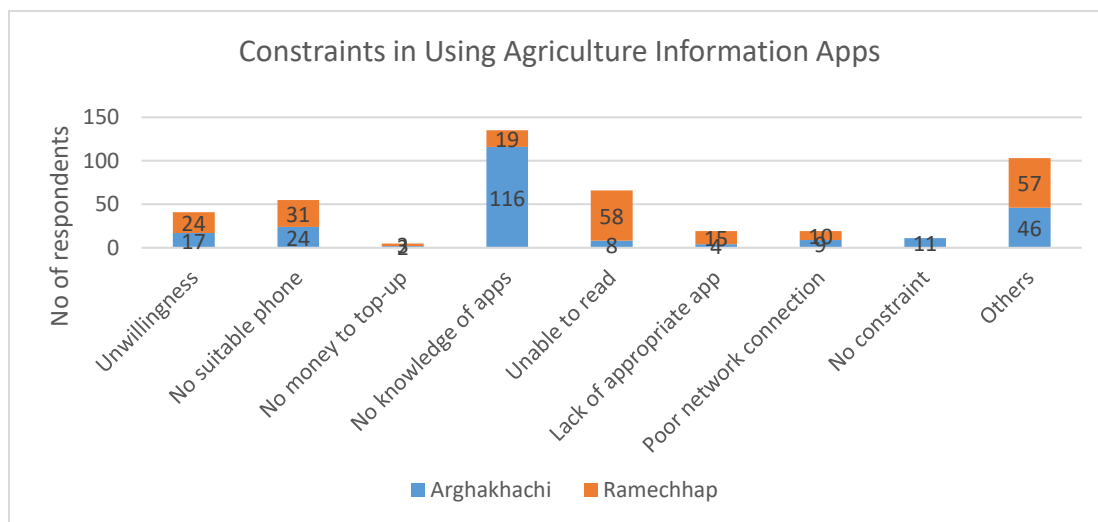
J2.15 Have you used any app specific to agriculture?

Arghakhanchi: Few used it Ramechhap: very few



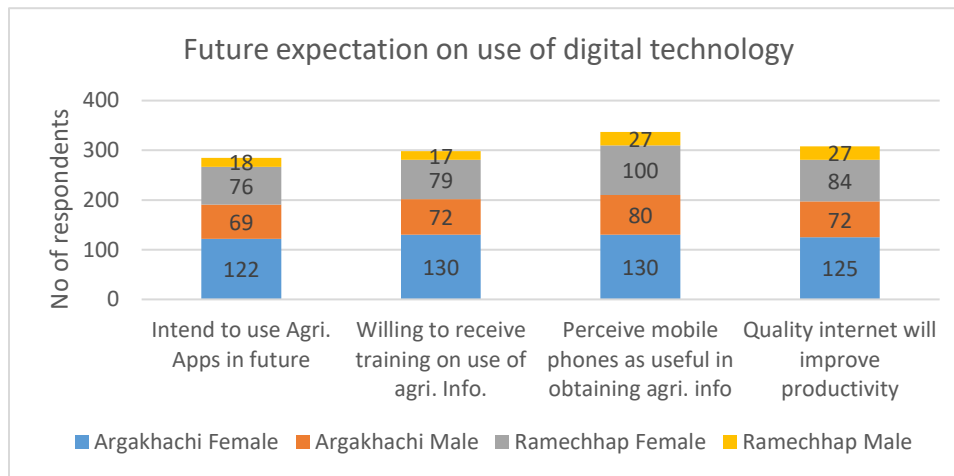
J2.16 What are the constraints in using agriculture information Apps?

Arghakhanchi: No knowledge of apps Ramechhap: Unwillingness, illiteracy, no suitable phone etc.



J2.17 Future expectation on use of digital technology (intentions to use digital tech)

Improvement of network quality, awareness raising and trainings will improve



J.21 Do you agree on the following statements?

Quite many were pessimistic on increased use of mobile apps and digital technology

Perception on Statement Related to Use of Agriculture Related Digital Technology in Arghakhanchi

		Strongly Agree		Neutral	Strongly Disagree	
		Agree	Agree		Disagree	Disagree
Intend to use agri. Info. in future	Female	5	89	23	10	8
	Male	10	51	9	9	2
try to utilize agri info apps	Female	8	74	33	16	4
	Male	4	56	14	6	1
utilize agriculture information apps frequently	Female	7	63	37	25	3
	Male	3	36	28	13	1
People whose opinions are important to me would want me to use agri	Female	10	65	50	8	2
	Male	10	40	19	11	1
	Female	15	72	33	12	3

Agri advice received through mobile phones is useful	Male	10	35	31	5	0
apps help in increasing my productivity	Female	12	69	44	9	1
	Male	11	37	28	3	2
easy for me to learn to use apps	Female	8	72	35	13	7
	Male	9	37	21	8	6

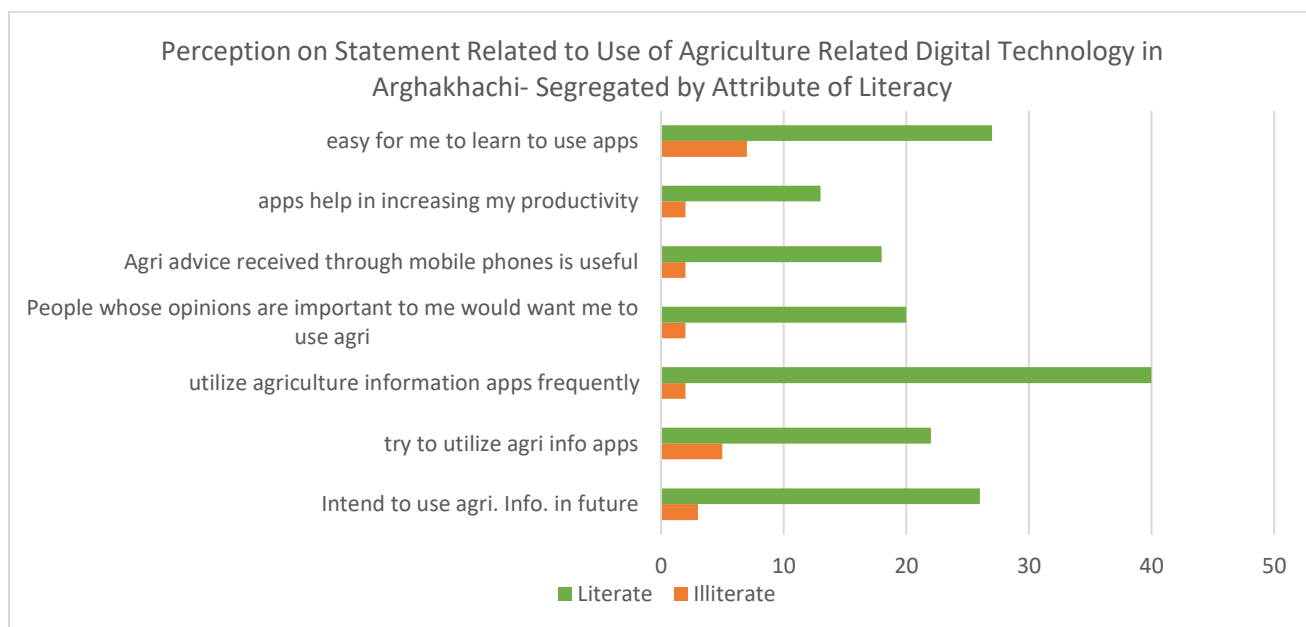
Perception on Statement Related to Use of Agriculture Related Digital Technology in Ramechhap

		Ramechhap				
		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
Intend to use agri. Info. in future	Female	10	70	34	9	34
	Male	5	15	17	4	8
try to utilize agri info apps	Female	10	68	39	9	31
	Male	4	16	17	4	8
utilize agriculture information apps frequently	Female	7	48	45	21	36
	Male	4	14	18	5	8
People whose opinions are important to me would want me to use agri	Female	8	44	40	25	40
	Male	3	17	18	4	7
Agri advice received through mobile phones is useful	Female	10	66	40	10	31
	Male	7	15	18	3	6
apps help in increasing my productivity	Female	11	65	37	9	35
	Male	5	16	18	3	7

easy for me to learn to use apps	Female	18	28	32	12	67
	Male	4	14	16	3	12

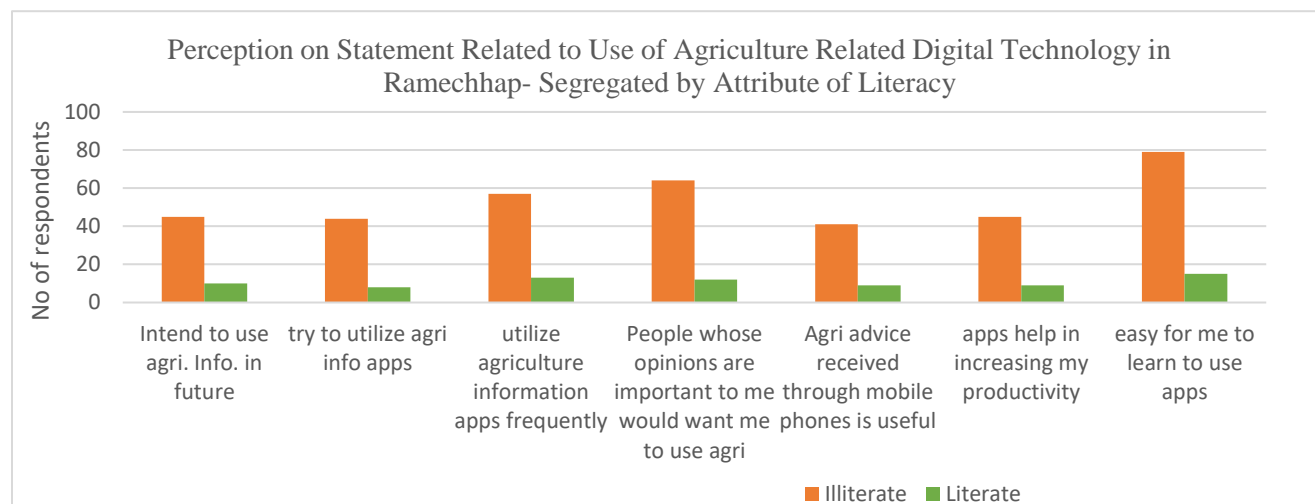
Arghakhanchi: mainly literates disagree on increasing use of mobile apps with increased access to technology

Perception on Statement Related to Use of Agriculture Related Digital Technology in Arghakhanchi- Segregated by Attribute of Literacy



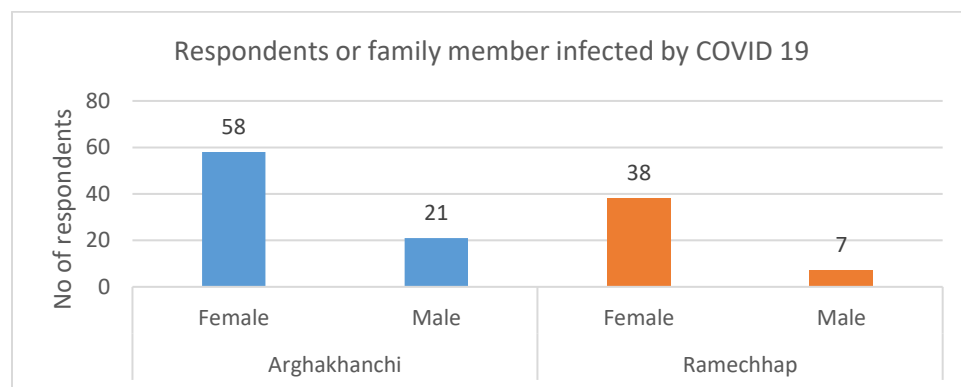
Ramechhap: mainly illiterates disagree on increasing use of mobile apps with increased access to technology

Perception on Statement Related to Use of Agriculture Related Digital Technology in Ramechhap -
Segregated by Attribute of Literacy

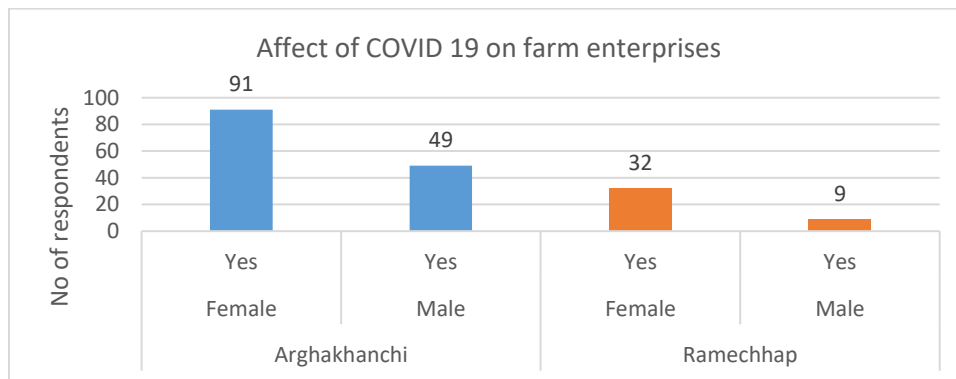


Section K. Information about the impact of COVID-19

K1. Were you or members of your family infected by COVID-19?



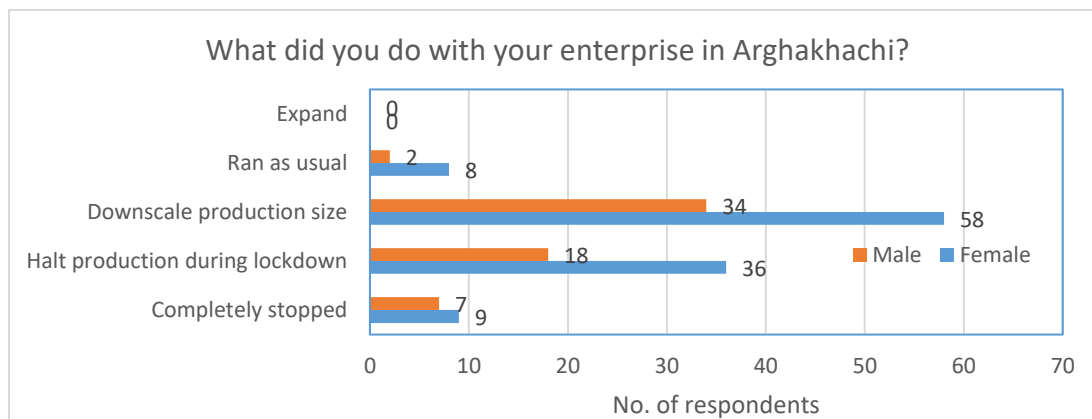
K2. Did the COVID-19 pandemic affect your farm enterprises?



K3. What did you do with your vegetable production/legume production/running?

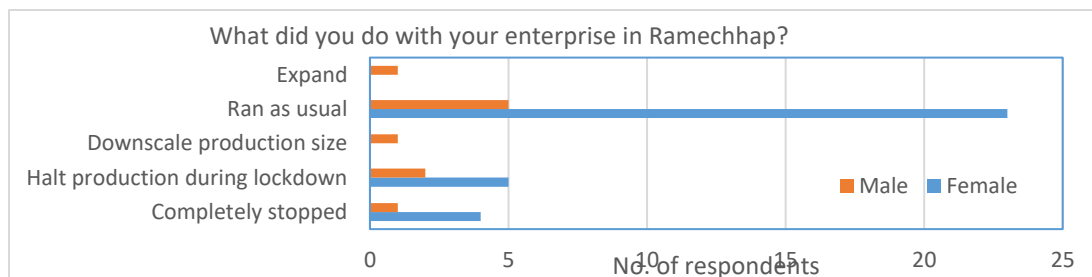
Arghakhanchi: downscale or halt production

Response to COVID19 in Farming Activities in Arghakhanchi



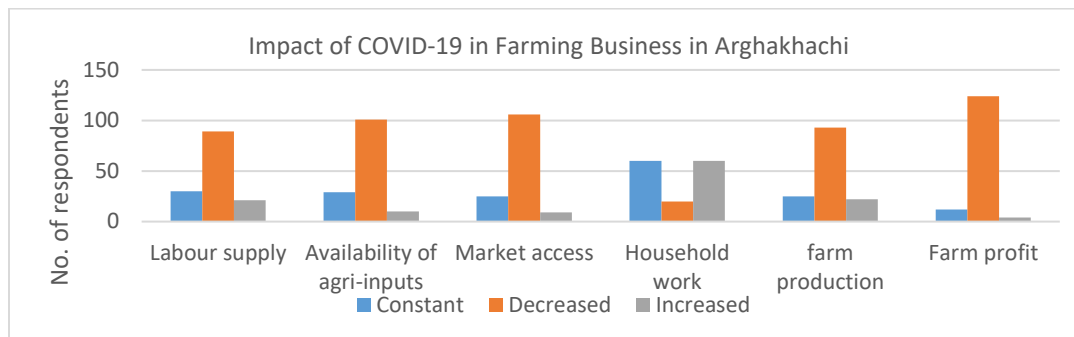
Ramechhap: minimal impact of COVID-19 pandemic

Response to COVID-19 in Farming Activities in Ramechhap

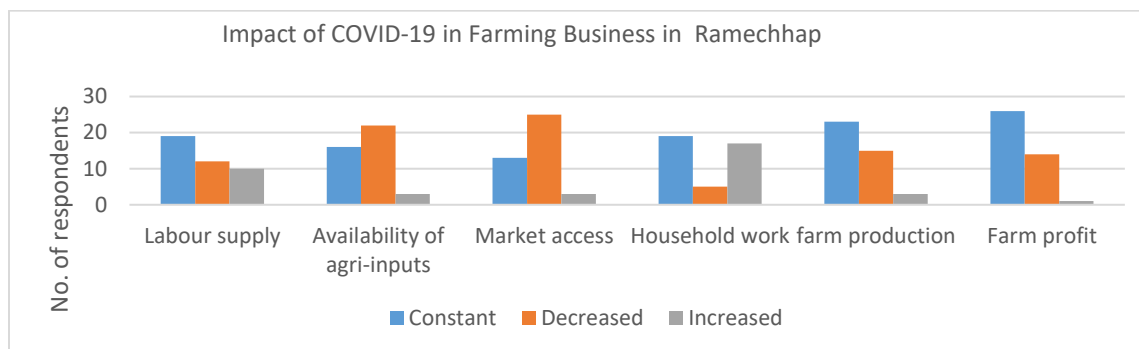


K4. Have your farm businesses been impacted by COVID-19?

Arghakhanchi: most participants experienced negative impacts

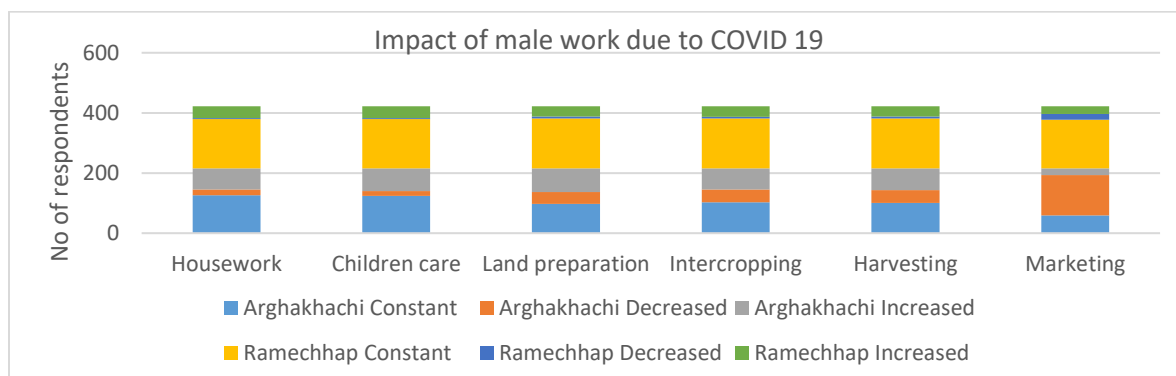


Ramechhap: Negative impact (decrease) was more visible on market access to farm inputs and outputs



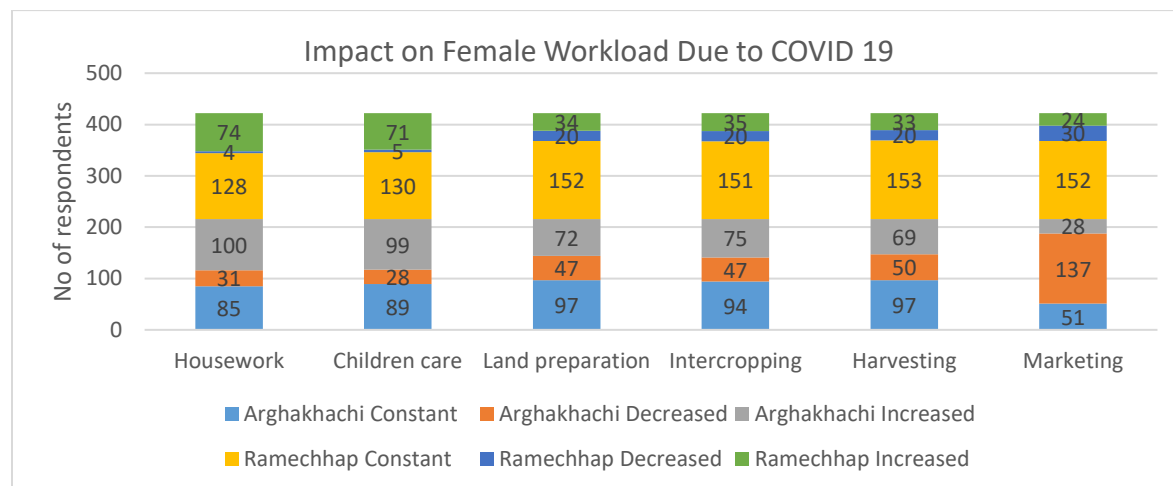
K5.1 What was the impact on MALE workload for distribution in the following activities during COVID-19?

Arghakhanchi: increased role of male on marketing Ramechhap: no significant impact on male workload



K5.2 What was the impact on FEMALE workload for distribution during COVID-19?

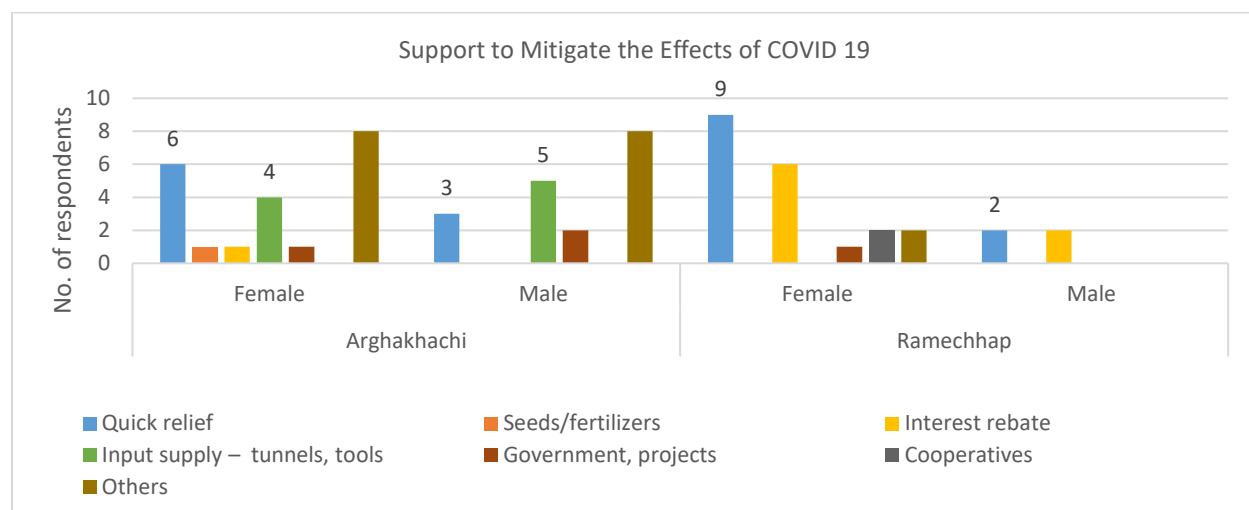
Arghakhanchi: increased role of female on marketing Ramechhap: no significant impact on female workload



K5.3 Support to mitigate the effects of COVID-19

Arghakhanchi: received supports from government and non-government agencies

Ramechhap: received rebate on interest rate, and quick relief



Appendix A1. Questionnaire for the CREW Project Impact Assessment

<p>Enumerators Name</p> <p>अन्तर्वाताकारको नाम</p>	<p>Need to have a drop-down list of Enumerators</p>
<p>Informed consent सहमति</p> <p>Instructions: Read the Informed Consent to the respondent and ask for permission for the interview.</p> <p>उत्तरदातालाई सूचित सहमति पढेर सुनानुहोस् र अन्तर्वाताको लागि अनुमति लिनुहोस्</p> <p>Purpose of the study: This study aims to identify the determining factors explaining the promotion of Agri-enterprises. We analyze the instruments and constraints for the success and failure of farm business enterprises. We collect information on the characteristics of farm households and the attributes of business enterprises. We ask you the role of digitalization, particularly smartphones, in improving the production efficiency of your enterprises.</p> <p>अध्ययनको उद्देश्य : यस अध्ययनले कृषि उद्यमहरूको प्रवर्द्धनलाई व्याख्या गर्ने निर्णायक कारकहरू पहिचान गर्ने उद्देश्य राखेको छ। हामी कृषि व्यवसाय उद्यमहरूको सफलता र असफलताका लागि उपकरणहरू र अवरोधहरूको विश्लेषण गर्छौं। हामी खेतिमा आसृत परिवारका विशेषताहरू र व्यापारको विशेषताहरूमा जानकारी सङ्कलन गर्छौं। हामी तपाईंलाई तपाईंको उद्यमहरूको उत्पादन दक्षता सुधार गर्न डिजिटलाइजेसनको भूमिका, विशेष गरी स्मार्टफोनको बारेमा सोध्दछौं।</p> <p>Do you grant permission for the interview?</p> <p>के तपाईं यस अन्तर्वातामा सहभागि हुन चाहनु हुन्छ?</p>	<p>Yes..... 1</p> <p>No..... 0 End Interview and Go to Next Person</p> <p>चाहन्छु1</p> <p>चाहान्न0, अन्तर्वाता अन्त्य गर्नुहोस् र अर्को व्यक्तिमा जानुहोस्</p>

<p>If no why?</p> <p>हुदैन भने किन ?</p>	<p>Postponed ...1</p> <p>Unable to respond (ill or absent)2</p> <p>Not at home ...3</p> <p>Ineligible respondent4</p> <p>Others ...97</p> <p>अन्तर्वार्ता पछि सरेको ...1</p> <p>सर्वेक्षण दिनु असक्षम ((बिरामी वा अनुपस्थित)2</p> <p>घरमा नभएको ...३</p> <p>अयोग्य उत्तरदाता...4</p> <p>अन्य...९७</p>
<p>Postponed time and Date</p> <p>अन्तर्वार्ता पछि सरेको समय र मिति</p>	
<p>Other Specify अन्य</p>	

Geography भूगोल

<p>Q1. District जिल्ला</p>	<p>Ramechhap ...1</p> <p>Argakhachi ...2</p> <p>Dolakha ...3</p>
<p>Q2. Palika Name पालिको नाम</p>	<p>Ramechhap Municipality ...1</p> <p>Sandhikharka Municipality ...2</p> <p>Malarani Rural Municipality (RM) ...3</p> <p>Bhimeshwor Municipality (Boch, Lakuri danda) ...4</p> <p>Gaurishankar Rural Municipality (RM) RM (Jhyanku) ...5</p>

Q3. Ward No. वडा नं.	
Q4. Toile Name टोलको नाम	
Q5. Household code घरदुरीको कोड	

General Information

सामान्य जानकारी

A. Identification & household

घरपरिवार पहिचान

Questions प्रश्नहरू	Options विकल्पहरू	Remarks टिप्पणीहरू
A1. Name of the household head तपाइ घरमुलीको नाम के हो ?		
A2. Gender of the head (Tick only one option) घरमुलि को हुनुहुन्छ ? (एउटा मात्र छनोट गर्नुहोस)	Male ...1 पुरुष ' १ Female ...2 महिला ।।। २ Others ...97 अन्य ।।। ९७	
A3. Age of household head (years completed) घरमुलि कति बर्ष पुगुभयो ?		The age should be between 18 to 80 उमेर १८-८० हुनुपर्छ
A4. Name of the entrepreneur ब्यबसाय / खेतिपाती गर्नेको नाम के हो		
A5. Gender of entrepreneur (Tick only one option) ब्यबसाय / खेतिपाती गर्ने को हुनुहुन्छ ? (एउटा मात्र छनोट गर्नुहोस)	Male ...1 पुरुष ' १ Female ...2 महिला ।।। २ Others ...97 अन्य ।।। ९७	
A6. Age of entrepreneur (years completed) ब्यबसाय / खेतिपाती गर्नेकति बर्ष पुगुभयो ? (पुरा भएको)		The age should be between 18 to 80

		उमेर १८-८० हुनुपर्छ
<p>A7. Caste/Ethnicity (Tick only one option)</p> <p>तपाईं कुन जातीको हुनुहुन्छ ? (एउटा मात्र छनोट गर्नुहोस्)</p>	<p>Bhramin ...1</p> <p>ब्राह्मण ... १</p> <p>Janajati ...2</p> <p>जनजाती ... २</p> <p>Chhetri ...3</p> <p>क्षेत्री ...3</p> <p>Dalit ...4</p> <p>दलित</p> <p>Others ...97</p> <p>अन्य ।।। ९७</p>	<p>If 97 go to A7.1</p> <p>यदी ९७ भए A7.1मा जानुहोस् ।</p>
<p>A7.1 Specify Other Caste/Ethnicity</p> <p>"अन्य" जात/जातीयता खुलाउनु होला:</p>		
<p>A8. Education of entrepreneur* (tick one)</p> <p>सामान्य लेखपढ गर्न सक्नुहुन्छ ? (एउटा छनोट गर्नुहोस्)</p>	<p>Illiterate ...1</p> <p>निरक्षर ...१</p> <p>Literate ...2</p> <p>साक्षर ...२</p> <p><i>Literate indicates informal education with the ability to read and write.</i></p> <p>साक्षर भन्नाले औपचारिक शिक्षा नभए पनि सामान्य लेख पढ गर्न सक्ने ब्यक्तिलाई जनाउछ ।</p>	<p>If 1 go to A10 and if 2 go to A9</p> <p>यदी १ भएमा A10 र २ भएमा A9 मा जानुहोस् ।</p>
<p>A9. Inscribe years of schooling completed?</p> <p>तपाईंले कति कक्षा सम्म पढ्नु भएको छ?</p>	<p>Formal education ...0</p> <p>औपचारिक शिक्षा ... 0</p> <p>Grade 1 ...1</p> <p>कक्षा १ ... १</p> <p>Grade 2 ...2</p> <p>कक्षा २ २</p> <p>Grade 3 ...3</p> <p>कक्षा ३ ... ३</p> <p>Grade 44</p>	

	कक्षा ४ ... ४ Grade 5 ...5 कक्षा ५... ५ Grade 6 ...6 कक्षा ६ ... ६ Grade 7 ...7 कक्षा ७ ... ७ Grade 8 ...8 कक्षा ८ ... ८ Grade 9 ...9 कक्षा ९ ... ९ Grade 10 ...10 कक्षा १० ... १० Grade 11 ...11 कक्षा ११ ...११ Grade 12 ...12 कक्षा १२ ... १२ Bachelor's degree ...13 स्नातक तह ... १३ Master's degree ...14 मास्टर डिग्री ... १४ Above master's degree ...15 मास्टर डिग्री भन्दा माथि ... १५	
A10. Has your family migrated into this village? के तपाईंको परिवारले यो गाउँमा बसाई सराइ गरि आउनु भएको हो?	Yes ...1 हो ... १ No ...0 होइन... ०	If 1 go to A10.1 यदी १ भए A10.1 मा जानुहोस् ।
A10.1 If yes, how long have you been to this village? (No. of years) यदी हो भने, तपाईं यस गाउँमा आउनुभएको कति वर्ष भयो ?		

<p>A11. Marital status of entrepreneur [Tick only one]</p> <p>तपाइको बैबहिक स्थितिको जानकारी दिनुहोस् (एउटा मात्र छनोट गर्नुहोस्)</p>	<p>Single ...1</p> <p>अविवाहित ... १</p> <p>Married ...2</p> <p>विवाहित... २</p> <p>Widowed ...3</p> <p>एकल (श्रीमान वा श्रीमती बितेको) ..३</p> <p>Divorced ...4</p> <p>सम्बन्ध-विच्छेद भएको ... ४</p> <p>Separated ...5</p> <p>आलगिएको (श्रीमान-श्रीमती छुट्टेर बसेको)</p> <p>... ५</p>	
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AA. Household composition

AA1. Number of Family Members तपाइको घरमा कति जना हुनुहुन्छ ?	
AA1.1 Number of Male adult's family members ठुला केटा मान्छे कति जना हुनुहुन्छ ?	
AA1.2 Number of Female adult's family members ठुला केटी मान्छे कति जना हुनुहुन्छ ?	
AA1.3 Number of Children (<18 years old) in family members १८ बर्ष मुनिका बालबालिका कति जना हुनुहुन्छ ?	
AA1.1 to AA1.3 should be equals to AA1 AA1.1 देखी AA1.3 सम्मको जोड AA1 सँग बराबर हुनुपर्छ ।	
AA2. Family members involved in farming (<i>Tick all that apply</i>) तपाइको परिवारका को -को सदस्यहरू खेतीपातीमा संलग्न छन् ? (मिल्दो सबै छनोट गर्नुहोस्)	Spouse ...1 श्रीमान् / श्रीमती ... १ Children ...2 छोरा छोरी ... २ Parents ...3 आमाबुवा ... ३ In-laws ...4 सासु ससुरा ... ४ Other's relatives...97 अन्य नातेदार ... ९७

	a.	b.	c.	d.	e.	f.	g.	h.	i.
	Literate	Farming	Wage labour	Service	Business	Home	School	Migration	Others
	(no.)	(no.)	(no.)	(no.)	(no.)	(no.)	(no.)	(no.)	अन्य
	साक्षर	खेती	ज्याला	जागिरे	व्यापार	घरै बस्ने	बिद्यालय जाने	घरबाट टाढा बस्ने	(संख्या)
	(संख्या)	(संख्या)	मजदुरी	(संख्या)	(संख्या)	(संख्या)			

			(संख्या)				(संख्या)	(संख्या)	
AA3.1 Male adults वयस्क पुरुष									
AA3.2 Female adults वयस्क महिला									
AA3.3 Children (<18 years old) (१८ वर्ष मुनिका बालबालिका)									

Note: Wage labor indicates employment outside the own farm, while service refers to teachers and other office holders. Similarly, businesses represent retailers and unemployed adults are classified in the 'home' category. Farming no refers to no of family members involved in farming.

B. Assets

सम्पत्ति

B1. Land (Prompt for estimates if they are not aware of the exact no/amount).

जमिन (अनुमान मात्र, यदि तिनीहरू सही संख्या र रकम बारे जानकारी छैनन् भने)

Questions प्रश्नहरू	Options विकल्पहरू	Remarks टिप्पणीहरू
B1.1 Total own farm land (Ropani) तपाइको आफ्नै खेति गर्ने जग्गा कति छ (रोपनीमा)		
B1.2. Total <i>Bari</i> land (Ropani) जम्मा बारी (रोपनीमा)		
B1.3. Total <i>Khet</i> land (Ropani) जम्मा खेत (रोपनीमा)		
B1.4. Total rainfed land (Ropani) सिँचाइ नलाग्ने जम्मा जग्गा कति छ (रोपनीमा)		

B1.5. Total irrigated land (Ropani) सिँचाइ लाग्ने जग्गा कति छ ? (रोपनीमा)		
B1.6. Land rented-in (Ropani) कति जग्गा भाडामा लिनुभएको छ ? (रोपनीमा)		
B1.7. Land rented-out (Ropani) कति जग्गा भाडामा दिनुभएको छ ? (रोपनीमा)		
B1.2 to B1.7 should be equals to B1.1		
B1.8. Estimated average distance to <i>Khet/Bari</i> (vegetables/legumes plot) [walking distance in minutes] तपाइको घरबाट दाल गोडागुडी/तरकारी खेति गरेको जग्गा सम्मको अनुमानित-औसत दुरी कति छ ? [पैदल दूरी मिनेटमा]		(Note: if they respond in range values use the higher value) (नोट: दायरामा उच्च प्रयोग गर्नु होस्)
B1.8.1 How do you mostly commute to and from your <i>Khet/Bari</i> majority of the time? तपाईं आफ्नो घरबाट खेतबारी सम्म धेरैजसो समय कसरी आवतजावत गर्नुहुन्छ?	Walking...1 हिंडेर... १ Two-wheeler ...2 दुई पाङ्गे सवारी ... २ Four-wheeler ...3 चार पाङ्गे सवारी ... ३ Public transportation ...4 सार्वजनिक यातायात ... ४	
B1.9 Distance to the nearest market [km] तपाइको घरबारीबाट नजिकको बजार सम्मको दुरी कति छ ? (कि .मि)		
B1.9.1 How do you mostly commute to and from the nearest market? नजिकको बजार सम्म आवत जावत गर्नको लागि धेरै जसो समय के को प्रयोग गर्नु हुन्छ?	Walking...1 हिंडेर... १ Two-wheeler ...2 दुई पाङ्गे सवारी ... २ Four-wheeler ...3 चार पाङ्गे सवारी ... ३	

	Public transportation ...4 सार्वजनिक यातायात ... ४	
B10. Who has more land ownership? (Tick one) तपाइको परिवारमा जग्गाको बढी स्वामित्व कसको नाम छ ? (कुनै एउटा छनोट गर्नुहोस्)	Male ...1 पुरुष ...१ Female ...2 महिला ...२ Both equally ...3 दुवैको समान ...३	If 2 go to B11 यदी २ भएमा B11 मा जानुहोस्
B11. Land size recorded in the woman's name (Ropani) महिलाको नाममा कति रोपनि जग्गा छ?		

B2. House characteristics of the respondent घरको बिबरण

Questions प्रश्नहरू	Options विकल्पहरू	Remarks टिप्पणीहरू
<p>B2.1 House type (Tick one)</p> <p>तपाइको घर कस्तो प्रकारको/ के ले बनेको छ ? (एउटा छनोट गर्नुहोस्)</p> <p><i>*Kachcha houses are structures made of bamboo, clay, flax, crop residues and twigs, while pakka houses are solid buildings made of iron, bricks, concrete, metal and other materials. Semi-pakka houses can have a solid construction in the foundations with a roof made of galvanized steel sheets.</i></p> <p>कच्चा घर भन्नेले बास, माटो, पराल, काठ जस्ता सामग्रीको प्रयोग गरी बनेएको घरलाई भनिन्छ ।</p> <p>पक्की घर भन्नेले इटा, फलामे छद, सीमेन्त, धलान गरी बनाएको थोस् भावनालाई भनिन्छ ।</p> <p>अर्ध पक्की घर भन्नेले पक्की जग तर जस्ता को छानो लगाइएको घरलाई भनिन्छ।</p>	<p>Kachcha ...1 कच्चा .. १</p> <p>Semi-pakka ...2 अर्ध पक्की ... २</p> <p>Pakka ...3 पक्की...३</p>	
<p>B2.2 Number of rooms</p> <p>तपाइको घरमा कति वटा कोठा छन् ?</p>		

B2.3 Number of Basic featured phones तपाइको घरमा साधारण फोन कति वटा छन् ?		
B2.4 Number of Smart phones तपाइको घरमा स्मार्ट फोन कति वटा छन् ?		
B2.5 Number of Radio तपाइको घरमा रेडियो कति वटा छन् ?		
B2.6 Number of T. V तपाइको घरमा टि.भी कति वटा छन् ?		
B2.7 Number of Bicycle तपाइको घरमा साईकल कति वटा छन् ?		
B2.8 Number of Motorbike तपाइको घरमा मोटरसाईकल कति वटा छन् ?		
B2.9 Number of Tractor तपाइको घरमा ट्रयाक्टर कति वटा छन् ?		
B2.10 Do you have Electricity supply? तपाइको घरमा बिजुली छ?	Yes ...1 छ ... १ No ...0 छैन ... ०	

B3. Livestock Assets [no.] चौपया सन्ख्या

Questions प्रश्नहरू	Options विकल्पहरू	Remarks टिप्पणीहरू
B3. Do you have any livestock? के तपाइको वा तपाइको घर परिवारसंग बस्तुभाउहरू जस्तै: गाईबस्तु, खसी, बोका, बाख्रा, कुखुरा आदि छन् ?	Yes ...1 छन् ... १ No ...0 छैन ... ०	If 0 go to next section यदी ० भए अर्को B3.2 मा जानु होस्
B3.1 Number of Female buffaloes भैंसी कति वटा छन् ?		
B3.2 Number of Cows गाई कति वटा छन् ?		
B3.3 Number of Draft buffaloes		

राडा कति वटा छन् ?		
B3.4 Number of Goats बाख्रा कति वटा छन् ?		
B3.5 Number of Rabbit खरायो कति वटा छन् ?		
B3.6 Number of Pigs सुङ्गर कति वटा छन् ?		
B3.7 Number of Poultry कुखुरा / हास कति वटा छन् ?		
B3.8 Do you have any other livestock? के तपाइको वा तपाइको घर परिवारसंग माथि उल्लेखित बाहेक अरु कुनै बस्तुभाउहरु छन् ?	Yes ...1 छन् ... १ No ...0 छैनन् ... ०	If 1 go to B3.8.1 and B3.8.2 यदी १ भए B3.8.1 र B3.8.2 मा जानुहोस्
B3.8.1 Specify the other livestock अरु बस्तुभाउहरु उल्लेख गर्नुहोस्		
B3.8.2 Number of other livestock अरु बस्तुभाउहरु कति वटा छन् ?		

C. Farming characteristics

Questions प्रश्नहरू	Options विकल्पहरू	Remarks टिप्पणीहरू
C1. What are the main sources of farm income? कृषि खेति/ बारीमा आमदानीको मुख्य स्रोत के के हुन् ?	Vegetable farming ...1 तरकारी खेती १ Legumes ...2 दाल गेडागुडी २ Cereal grains ...3 अन्न-अनाज ३ Livestock production ...4 पशुपालन / पशुजन्य उत्पादन ४ Other ...97	If 97 go to C1.1 यदी ९७ हो भने C1.1 मा जानुहोस

	अन्य ९७				
C1.1 Other Specify अन्य खुलाउनुहोस्					
C2. What is the most significant source of farm income (other than livestock) from the last year? गत वर्ष कृषिबाट भएको आम्दानीमा सबैभन्दा महत्वपूर्ण स्रोत (पशुपालन बाहेक) के हो?	Vegetables ...1 तरकारी १ Gedagudi ...2 गेडागुडी..... २ Cereal grain ...3 अन्न-अनाज ३ Other ...97 अन्य ९७	If 97 go to C1.2 यदी ९७ हो भने C1.2 मा जानुहोस			
C1.2 Other Specify अन्य खुलाउनुहोस्					
C1.3 What was the income from the sale of livestock produced last year, if any? गत वर्ष पशुपालनबाट कति आम्दानी भएको थियो ?		(Provide estimates in Rs.) अनुमानित रकम			
C1.4. Is farm income sufficient to support the basic needs of the family, including food, clothing, housing, sanitation, education and healthcare? खाना, लत्ताकपडा, आवास, सरसफाइ, शिक्षा र स्वास्थ्य जस्ता परिवारका आधारभूत आवश्यकताहरू पूरा गर्न खेतिपाती/पशुपालनको आम्दानीबाट पर्याप्त छ?	Yes ...1 छ १ No ...0 छैन 0				
C1.5. How is the following farm inputs available on time? (Tick one option in every scale) तल उल्लेखित कृषिका लागि चाहिने कुराहरु ठिक समयमा पाइन्छ ? (एक विकल्प छान्नुहोस)					
C1.5a. Capital / loan पूँजी/ऋण	Very easy ...5 धेरै सजिलो	Easy ... 4 सजिलो	Neutral ...3 समान्य (न सजिलो न त गारो)	Difficult ...2 गारो	Very difficult ...1 धेरै गारो

C1.5b. Labour कामदार					
C1.5c. Seeds/ fertilizers/pesticides बिउ/ मल/ कीटनाशक					
C1.5d. Irrigation सिंचाई					
C1.5e. Tractor, harvester, machines ट्रयाक्टर, हार्भेस्टर, मेसिन					
<p>C1.6. What are the primary sources of information about agricultural production?</p> <p>कृषि उत्पादन बारे ज्ञान/जानकारी कहाँबाट पाउनुहुन्छ?</p> <p>Check all that apply) (लागु हुने सबै चिन्ह लगाउनुहोस)</p>	<p>Traditional knowledge ...1 परम्परागत ज्ञान १</p> <p>Agro Vet dealers ...2 कृषि सामाग्री ब्यापारी २</p> <p>Model Farmers/Neighbors/family ...3 नमुना किसान, छिमेकी, परिवार ३</p> <p>Group meeting/Workshop/Krishi mela ...4 समुह, बैठक, तालिम, कृषि मेला ४</p> <p>Media (TV/Radio/Newspapers/Books) ...5 मिडिया (टेलिभिजन, रेडियो, समाचारपत्र, पुस्तकहरू). ५</p> <p>Mobile devices (SMS, WhatsApp) ...6 मोबाईल उपकरण (SMS, WhatsApp). ६</p> <p>Social Media (Facebook, TikTok) ...7 सामाजिक सन्जाल(फेसबुक,टिकटक)</p> <p>Government offices/NGOs ...8 सरकारी कार्यालय /गैरसरकारी संस्था. . .</p> <p>Others ...97 अन्य ९७</p>	<p>If 97 go to C1.6.1 यदी ९७ हो भने C1.6.1 मा जानुहोस</p>			
<p>C1.6.1 Other Specify अन्य खुलाउनुहोस्</p>					

<p>C1.7. What information do you often look for?</p> <p>तपाईं प्राय कुन सुचना तथा ज्ञान/जानकारी खोज्नुहुन्छ?</p> <p><i>(Check all that apply)</i></p> <p><i>(लागु हुने सबै राख्नुहोस्)</i></p>	<p>Prices of inputs (e.g., fertilizer, seeds, etc.) ...1</p> <p>मल, बिउ आदी उत्पादन गर्दा लाग्ने सामानहरूको मुल्य. . . . १</p> <p>Prices of farm products ...2</p> <p>कृषि उत्पादनको मुल्य २</p> <p>Production techniques ...3</p> <p>उत्पादनको प्रविधिहरू . . . ३</p> <p>Weather forecast ...4</p> <p>मौसम पूर्व अनुमान ४</p> <p>Information on starting or doing business ...5</p> <p>ब्यवसाय सुरु गर्ने कि नगरने बारे जानकारी ५</p> <p>Pest and disease related ...6</p> <p>रोग सम्बन्धी ६</p> <p>Post-harvest handling – grading, drying, transportation ...7</p> <p>बाली भित्र्याए पछिका ग्रेडिङ् तथा यातायात आदि. . . ७</p> <p>Use of preservatives ...8</p> <p>भन्डारणमा प्रयोग हुने सामानहरू ८</p> <p>Application of information communication technology ...9</p> <p>सुचना संचार प्रविधिको प्रयोग ९</p> <p>Others ...97</p> <p>अन्य ९७</p>	<p>If 97 go to C1.7.1</p> <p>यदी ९७ हो भने C1.7.1 मा जानुहोस</p>
<p>C1.7.1 Other Specify</p> <p>अन्य खुलाउनुहोस्</p>		
<p>C1.8. Are you facing problems in receiving agricultural information?</p> <p>तपाईंलाई कृषि सम्बन्धि सुचना तथा जानकारी पाउन कुनै समस्या छ ?</p>	<p>Yes ...1</p> <p>छ. . . १</p> <p>No ...0</p> <p>छैन. . . 0</p>	<p>If 1 go to C1.9</p> <p>यदी १ हो भने C1.9 मा जानुहोस</p>

<p>C1.9 What are those problems? यदी छ भने, के-के समस्या छन् ?</p>	<p>No availability of crop- and location-specific information ...1 बाली र ठाउँ अनुसारको सहि सुचना पाइदैन १</p> <p>No timely updates of agronomical practices ...2 कृषि सम्बन्धी नया जानकारी समयमा पाइदैन २</p> <p>Lack in supply of quality inputs (seeds, fertilizers, pesticides) ...3 गुणस्तरीय बिउ, मल किटनाशकको अभाव. ३</p> <p>No/limited access to market ...4 बजारसम्म धेरै जान सकिदैन. ४</p> <p>No timely updates on farm product prices ...5 कृषि उत्पादनको मुल्य समयमा थाहै हुदैन ५</p> <p>No/limited access to extension services (soil test, insect-pest management) ...6 माटो परिक्षण, किरा नियन्त्रण लगायत सेवाहरु त्यति पाहिदैन..... ६</p> <p>No/limited access to financial resources (bank loan, government subsidy, etc.) ...7 बित्तिय स्रोतहरुमा (बैंकबाट ऋण, सरकारी आनुदान आदि) पहुच थोरै हुनु वा नहुनु..... ७</p> <p>Increased incidences of insects and pests ...8 किरा-फट्याङ्काको प्रकोप बढ्नु..... ८</p> <p>Others ...97 अन्य ९७</p>	<p>If 97 go to C1.9.1 यदी ९७ हो भने C1.9.1 मा जानुहोस</p>
<p>C1.9.1 Other Specify अन्य खुलाउनुहोस्</p>		

Questions प्रश्नहरू	Options विकल्पहरू	Remarks टिप्पणीहरू
<p>D1. Did you carry over this enterprise from your family?</p> <p>के तपाईंले आफ्नो परिवारले गरिराखेको ब्यापार सम्हाल्नु भएको हो ?</p>	<p>Yes ...1</p> <p>हो १</p> <p>No ...0</p> <p>होइन . . . 0</p>	<p>If 1 go to D1.1 or 2 go to D1.2</p> <p>यदी १ हो भने D1.1 मा जानुहोस अथवा D1.2 मा</p>
<p>D1.1 If yes, when was it inherited? [Year]</p> <p>यदी हो भने, कहिले देखी सम्हाल्नु भएको थियो? (बर्ष)</p>		
<p>D1.2 If no, when did you start your commercial vegetable /legume production/business enterprise? [Year]</p> <p>यदी होइन भने, तपाईंले कहिले देखि तरकारी खेती/ दाल् गेडागुडी उत्पादन/ ब्यापार सुरु गर्नु भयो? (बर्ष)</p>		
<p>D2a. How many hours do Male family members spend on vegetable farming/legume production/business activities? [hours/day]</p> <p>परिवारका पुरुष सदस्यहरूले, तरकारी खेती/ दाल् गेडागुडी उत्पादन/ ब्यापारमा दैनिक कति घण्टा काम गर्नुहुन्छ ?</p>		0-24 hours
<p>D2b. How many hours do Female family members spend on vegetable farming/legume production/business activities? [hours/day]</p> <p>परिवारका महिला सदस्यहरूले, तरकारी खेती/ दाल् गेडागुडी उत्पादन/ ब्यापारमा दैनिक कति घण्टा काम गर्नुहुन्छ?</p>		0-24 hours
<p>D3. Did you spend time in business planning (e.g., consultation, training)?</p> <p>तपाईंले तरकारी खेती/ दाल् गेडागुडी उत्पादन/ ब्यापार गर्दा - योजना बनाउन, अरुको सहयोग तथा तालिम लिनुभयो?</p>	<p>Yes ...1</p> <p>लिए १</p> <p>No ...0</p> <p>लिइएन. . . .0</p>	<p>If 1 go to D3.1</p> <p>यदी १ हो भने D3.1 मा जानुहोस</p>
<p>D3.1 If yes, how many months did you spend on business planning [no. of months]</p>		

यदी लिनुभयो भने तपाईंले योजना बनाउन कति महिना समय लिनुभयो?		
D4. Did you have prior job experiences while starting the enterprises? तपाइले काम सुरु गर्नु भन्दा पहिला जागिरको अनुभव थियो?	Yes ...1 थियो. . . . १ No ...0 थिएन 0	If 1 go to D5 or 2 go to D6 and D7 यदी १ हो भने D5 मा जानुहोस अथवा D6 D7 मा जानुहोस
D5. State the no of years of experience यदी थियो भने, कति वर्षको अनुभव थियो ?		
D6. How did you learn to farm or manage your farming enterprise? खेतिबारी गर्न वा आफ्नो कृषि व्यवसाय गर्न कसरी सिक्नुभयो?	Learnt through experience in a farming job elsewhere ...1 अन्यत्र खेतिपातीको काममा अनुभव गरेर सिके ...1 Learnt through trial and error on one's own farm ...2 आफ्नै खेतमा काम गर्दै सिके ...2 Learnt through the hiring of experienced labour ...3 अनुभवी कामदार ल्याएर सिके ...3 Family occupation ...4 परिवारबाट ...4	
D7. How long did you spend learning farming enterprises? Mention the number of months spent in learning phase. तपाइलाई कृषि व्यवसाय सिक्न कति महिना लाग्यो?		
D8. Is your enterprise registered? तपाईंले व्यवसाय दर्ता गर्नु भएको छ?	Yes ...1 छ १ No ...0 छैन . . . 0	If 1 go to D9.1 and D9.2 or if 2 go D10 यदी १ हो भने D9.1 र D9.2 मा जानुहोस अथवा D10 मा जानुहोस
D9.1 Inscribe the year of registration in B.S. (note to enumerators: if they don't recall the exact year, ask them after how		

<p>many years of establishment you have registered and convert that to year of registration)</p> <p>यदी दर्ता गर्नुभएको छ भने, कति सालमा गर्नु भएको थियो ?</p> <p>[बि.स.मा]</p> <p>(नोट: यदी उहाहरूलाई साल याद छैन भने स्थापना भएको वर्षलाई आधार मानेर उल्लेख गर्न लगाउनुहोस्)</p>		
<p>D9.2 Where have you registered your firm/enterprise?</p> <p>तपाईंले आफ्नो फर्म/ ब्यबसाय कहाँ दर्ता गराउनुभयो?</p>	<p>Local government ...1</p> <p>स्थानीय सरकार ...</p> <p>Cottage and small industries ...2</p> <p>साना तथा घरेलु उद्योग</p> <p>Company Registrar's Office ...3</p> <p>कम्पनी रजिस्ट्रारको कार्यालय</p> <p>Other ...97</p> <p>अन्य ९७</p>	<p>If 97 got o D9.2.1</p> <p>यदी ९७ हो भने D9.2.1 मा जानुहोस</p>
<p>D9.2.1 Other Specify</p> <p>अन्य खुलाउनुहोस्</p>		
<p>D10. Do you have prior experiences relating to enterprise development (e.g., legume and vegetable farming)?</p> <p>तपाईंसँग तरकारी खेती/ दाल् गेडागुडी उत्पादन, सम्बन्धी पुरानो अनुभव छ?</p>	<p>Yes ...1</p> <p>छ १</p> <p>No ...0</p> <p>छैन</p>	<p>If 1 go to D11 or if 2 go to D12</p> <p>यदी १ हो भने D11 मा जानुहोस अथवा D12 मा जानुहोस</p>
<p>D11. State the no of years of experience.</p> <p>यदी छ भने, कति वर्षको अनुभव छ?</p>		
<p>D12. Do you have business partners from outside of your family members?</p> <p>तपाईंले परिवारका सदस्यहरू भन्दा बाहेक अरु कोहि सङ मिलेर काम गर्दै हुनुहुन्छ ?</p>	<p>Yes ...1</p> <p>छ १</p> <p>No ...0</p> <p>छैन 0</p>	

D13. What was the capital required for establishing your vegetable firm/ business enterprise development? [Rs] तपाईंको तरकारी फर्म /ब्यवसाय स्थापनाको लागि कति रकम बराबरको पूंजी चाहिएको थियो? (रुपिया)		(Ask this question for Arghakhanchi)
D14. Do your family members participate in your farm/ enterprise too? तपाईंको परिवारका सदस्यहरु, तपाईंको खेती /ब्यवसायमा सहभागी हुन्छन ?	Yes ...1 हुन्छन.... १ No ...0 हुदैनन् 0	If 1 go to D15 or if 2 go D16 यदी १ हो भने D15 मा जानुहोस् अथवा D16मा जानुहोस्
D15. How many members are involved? [no.] कति जना सदस्यहरु सहभागी हुनुहुन्छ ?		
D16. What was the annual turnover of your vegetable farming/legume production/enterprises? (Rs/year) अघिल्लो बर्ष, तपाईंको तरकारी खेती/ दाल् गेडागुडी उत्पादन/ ब्यापारको - बार्षिक कारोबार रकम कति थियो? (रुपिया)		
D17. What type of enterprise is it? (Tick only one) तपाईंको ब्यवसाय, कस्तो प्रकार/किसिमको हो? (एउटा मात्र छनोट गर्नुहोस्)	Sole proprietorship ...1 एकल स्वामित्व ... १ Partnership ...2 साझेदारी ... २ Others ...97 अन्य ... ९७	If 97 go to D17.1 यदी ९७ भए D17.1 मा जानुहोस्
D17.1 Other Specify अन्य खुलाउनुहोस्		
D18. Has your farm size in acreage changed over the last five years? पछिल्लो ५ बर्षमा, तपाईंको खेतीपाती गर्ने जमिनको क्षेत्रफलमा परिवर्तन आएको छ?	Yes ...1 छ ... १ No ...0 छैन ... ०	If 1 go to D18.1 यदी १ भए D18.1 मा जानुहोस्
D18.1 If yes, how have you made changes to farm sizes?	Increased ...1	

यदी परिवर्तन भएको छ भने, क्षेत्रफलमा कस्तो परिवर्तन आएको छ?	बढेको छ .. १ Decreased ...0 घटेको छ ... ०	
D19. Did you carry over this enterprise from your family? तपाईंको यस ब्यबसाय पुर्वेउली ब्यबसाय हो ?	Yes ...1 हो ... १ No ...0 होइन ... ०	
D20. Have you changed the cropping system and/or crop rotation, e.g., subsistence/regular crops to vegetables, legumes or winter green? तपाइले खेतीबाली लगाउने तरिकामा केहि परिवर्तन (जस्तै: निर्वाह मुखी बाट व्यावसायिक खेति) गर्नुभएको छ ?	Yes ...1 छ ... १ No ...0 छैन ... ०	If 1 go to D20.1 यदी १ भए D20.1 मा जानुहोस्
D20.1 If yes, state the reason यदी छ भने, कारण उल्लेख गर्नुहोस्		
D21. Have you changed the product of specialization in growing vegetables (e.g., tomato to cauliflower) or legumes (e.g., beans to lentil)? तपाइले खेती गर्ने मुख्य बालीमा परिवर्तन (जस्तो: काउली - गोलभेडा, गेडागुडी - दाल) गर्नुभएको छ ?	Yes ...1 छ ... १ No ...0 छैन ... ०	If 1 go to D21.1 यदी १ भए D21.1 मा जानुहोस्
D21.1 If yes, state the reason यदी छ भने, कारण उल्लेख गर्नुहोस्		
D22. Did you ever discontinue vegetable farming/legume production/business enterprises, due to any reasons other than seasonal crop rotation? तपाईंले आफ्नो तरकारी खेती/ दाल् गेडागुडी उत्पादन/ ब्यापार कुनै पनि कारणले रोक्नु गर्नुपरेको छ? (मौसमी बाहेक)	Yes ...1 छ ... १ No ...0 छैन ... ०	If 1 go to D22.1 यदी १ भए D22.1 मा जानुहोस्
D22.1 If yes, state the reason		

यदी छ भने, कारण उल्लेख गर्नुहोस्		
<p>D23. Do you have an interest in maintaining the vegetable farming/legume production/business enterprise in the future?</p> <p>तपाईंलाई भविष्यमा तरकारी खेती/ दाल् गेडागुडी उत्पादन/ ब्यापारलाई निरन्तरता दिने सोच छ ?</p>	<p>Yes ...1</p> <p>छ ... १</p> <p>No ...0</p> <p>छैन ... ०</p>	
<p>D24. What did you do for a living before the start of the vegetable farming/legume production/ enterprise?</p> <p>तरकारी खेती/ दाल् गेडागुडी उत्पादन/ ब्यापार गर्नु अघी तपाईं जिविकोपार्जनका लागि के गर्नुहुन्थ्यो?</p>	<p>Other business ...1</p> <p>अन्य व्यवसाय ... १</p> <p>Other Agri Business ...2</p> <p>अन्य कृषि व्यवसाय ... २</p> <p>Unemployed ...3</p> <p>बेरोजगार ... ३</p> <p>Employee of another enterprise ...4</p> <p>अरुको व्यवसायमा कर्मचारी ... ४</p> <p>Student ...5</p> <p>विद्यार्थी ... ५</p>	
<p>D25. What was your income before you started this vegetable farming/legume production/ enterprise? (State your income in annual basis)</p> <p>तरकारी खेती/ दाल् गेडागुडी उत्पादन/ ब्यापार गर्नु अघी तपाईंको वार्षिक आय कति थियो? (रुपिया)</p>		
<p>D26. What made you decide to start this vegetable farming/legume production/ enterprise?</p> <p>तरकारी खेती/ दाल् गेडागुडी उत्पादन/ ब्यापार गर्ने प्रेरणा कहाँबाट पाउनु भयो?</p>	<p>This was a default choice (no option) ...1</p> <p>अरु विकल्प थिएन ... १</p> <p>Doing commercial vegetable farming/legume production/enterprise is a better option than engaging in household chores ...2</p>	<p>If 97 go to D26.1</p> <p>यदी ९७ भए D26.1 मा जानुहोस्</p>

	<p>घरायसी काम भन्दा ब्यवसयीक</p> <p>तरकारी/फलफुल उत्पादन/उधम राम्रो भएकोले</p> <p>... २</p> <p>Encouraged by the practices of neighbors ...3</p> <p>छिमेकीहरूबाट प्रोत्साहित ... ३</p> <p>Government/NGO/projects' extension services offered technical and other services</p> <p>...4</p> <p>सरकारी, गैर सरकारी, प्रोजेक्टहरूको प्रबिधिक सहयोगबाट...४</p> <p>Other ...97</p> <p>अन्य...९७</p>	
<p>D26.1 Other Specify</p> <p>अन्य खुलाउनुहोस्</p>		
<p>D27. What would you do if you had not started your own vegetable farming/legume production/enterprise?</p> <p>तपाईंले तरकारी खेती/ दाल् गेडागुडी उत्पादन/ ब्यापार नगर्नुभएको भए के गर्नुहुन्थ्यो?</p>	<p>Remain unemployed ...1</p> <p>बेरोजगार नै हुन्थे ... १</p> <p>Continue traditional farming</p> <p>...2</p> <p>परम्परागत कृषि नै अपनाउथे ... २</p> <p>Seek off farm employment ...3</p> <p>कृषि भन्दा अरु काम गर्थे ... ३</p> <p>Going abroad ...4</p> <p>बिदेश जान्थे</p> <p>Go for further studies ...5</p> <p>... ५</p> <p>पढ्न जान्थे</p> <p>Other ...97</p> <p>अन्य...९७</p>	<p>If 97 go to D27.1</p> <p>यदी ९७ भएD27.1 मा जानुहोस्</p>
<p>Other</p> <p>अन्य खुलाउनुहोस्</p>		

E. Income, expenses and finance

आम्दानी, खर्च र लगानि/वित्त

E.1 Provide average annual household income from [Rs/year] (Insert 0 for non-applicable)

परिवारको बर्ष भरिमा औसत आम्दानी (लागू नहुनेको लागि ० राख्नुहोस्)

E1.1 Farming enterprises तपाइको परिवारमा कृषि ब्यबसायबाट एक बर्षमा औसत आम्दानी कति हुन्छ ?	
E1.2 Family off-farm income (spouse, son, daughter) खेतिपाती भन्दा बाहेक परिवारको (श्रीमान/ श्रीमती, छोरा, छोरी) एक बर्षमा औसत आम्दानी कति हुन्छ ?	
E1.3 Services तपाइको परिवारमा सेवा/नोकरीबाट एक बर्षमा औसत आम्दानी कति हुन्छ ?	
E1.4 Other businesses (e.g., retail shops) तपाइको परिवारमा अन्य व्यवसायबाट (जस्तै: खुद्रा पसल)बाट एक बर्षमा औसत आम्दानी कति हुन्छ ?	
E1.5 Pensions तपाइको परिवारमा पेन्सनबाट एक बर्षमा आम्दानी कति हुन्छ ?	
E1.6 Remittances from family members परिवारका सदस्यहरूले बिदेशबाट पठाउने रेमिटेन्सबाट एक बर्षमा औसत आम्दानी कति हुन्छ ?	
E1.7 Is there any other household income घर परिवारको अरु कुनै आम्दानी छ ?	Yes (छ) ...1 No (छैन) ...0
E1.7.1 Other Specify अन्य खुलाउनुहोस्	
E1.7.2 Average annual household income from E1.7.1 अन्य श्रोतबाट एक बर्षमा औसत आम्दानी कति हुन्छ ?	

E.2 Provide average annual household expenses for [Rs/year] [Insert 0 for non-applicable]

परिवारको बर्ष भरिमा औसत खर्च (लागू नहुनेको लागि ० राख्नुहोस्)

E2.1 Food तपाइको परिवारमा खानेकुरामा बर्ष भरिमा औसत खर्च कति हुन्छ?	
E2.2 Health तपाइको परिवारमा औषधि उपचारमा बर्ष भरिमा औसत खर्च कति हुन्छ?	
E2.3 Schooling तपाइको परिवारमा बालबालिकाको पढाइमा बर्ष भरिमा औसत खर्च कति हुन्छ?	
E2.4 Clothing तपाइको परिवारमा लत्ताकपडामा बर्ष भरिमा औसत खर्च कति हुन्छ?	
E2.5 Family functions & social occasions तपाइको परिवारमा पारिवारिक समारोह, तिथिपर्व भोजभतेरहरूमा बर्ष भरिमा औसत खर्च कति हुन्छ?	
E1.6 Housing (including electricity) तपाइको परिवारमा बसोबास(बिजुली सहित)मा बर्ष भरिमा औसत खर्च कति हुन्छ?	
E1.7 Transport तपाइको परिवारमा यातायातमा बर्ष भरिमा औसत खर्च कति हुन्छ?	
E1.8 Is there any other household expenses? घर परिवारको अरु कुनै खर्च छ ?	Yes(छ)...1 No(छैन) ...0
E1.8.1 Other Specify अन्य खुलाउनुहोस्	
E1.8.2 Average annual household expenses from E1.8.1 अन्य श्रोतबाट एक बर्षमा औसत खर्च कति हुन्छ ?	

E.3 Credit & Finance कर्जा तथा लगानि

Questions	Options	Remarks
E3.1 What is the current levels of total loans? (Rs) अहिले तपाईको ऋण कति छ ? (रुपिया)		(अन्यथा 0 सम्मिलित गर्नुहोस्)
E3.2. Do you have banks and financial institutes in your locality?	Yes (छन्)...1 No (छैनन्) ...0	

तपाईंको ओरपर बैंक तथा वित्तीय संस्था छन् ?		
E3.3. Do you have a bank account? तपाईंसँग बैंक खाता छ?	Yes (छ) ...1 No (छैन) ...0	If 1 go to E3.3.1 यदि 1 भए E3.3.1 मा जानुहोस्
E3.3.1 Where is it located? तपाईंको खाता भएको बैंक कति टाढा छ?	Within walking distance ...1 (पैदल दूरी भित्र ... 1) Not within walking distance ...2 (पैदल दूरी भित्र छैन ...2)	
E3.4. Does your spouse have a bank account as well? तपाईंको श्रीमान/श्रीमतीको पनि बैंक खाता छ?	Yes (छ) ...1 No (छैन) ...0	
E3.5. How do you keep / save your money? तपाईं आफ्नो पैसा कसरी राख्नुहुन्छ / बचत गर्नुहुन्छ?	No saving बचत छैन ...1 Bank बैंकमा ...2 Cooperative सहकारीमा...3 Home घरमा ...4 Others अन्य ...97	If 97 go to E3.5.1 यदि 97 भए E3.5.1 मा जानुहोस्
E3.5.1 Other Specify अन्य खुलाउनुहोस्		
E3.6. How do you usually manage your financial deficits? <i>Tick all that apply</i> तपाईं सामान्यतया पैसाको कमि हुदा कसरी ब्यबस्था मिलाउनुहुन्छ ? मिल्ने सबैमा चिन्ह लगाउनुहोस्	Neighbors ...1 छिमेकि ...1 Family members परिवारका सदस्यहरूबाट ...2 Friends and relatives साथीभाइ र आफन्तहरूबाट ...3 Local traders स्थानीय व्यापारीहरूबाट...4	If 97 go to E3.6.1 यदि 97 भए E3.6.1 मा जानुहोस्

	<p>Cooperatives सहकारीबाट...5</p> <p>Abroad employment वैदेशिक रोजगारीबाट, ...6</p> <p>Bank loans बैंक ऋणबाट...7</p> <p>Others अन्य ...97</p>	
E3.6.1 Other Specify अन्य खुलाउनुहोस्		
E3.7a Had you taken out a loan in the recent years from Local lenders? तपाईंले हालैका वर्षमा स्थानीय साहु महाजनहरूबाट ऋण लिनुभएको छ?	<p>Yes छ...1</p> <p>No छैन ...0</p>	<p>If 0 go to next loans यदि 0 भए अर्को ऋणमा जानुहोस्</p>
E3.7a.1 What is the amount of loan that you had taken from Local lenders? तपाईंले स्थानीय साहु महाजनहरूबाट कति ऋण लिनुभएको थियो ? (रुपिया)		
E3.7a.2 What is the interest rate charged from local lenders? (%) स्थानीय साहु महाजनहरूले लिने व्याजदर कति हो ? (%)		
E3.7a.3 What is the purpose of loan from the local lenders? स्थानीय साहु महाजनबाट ऋण लिनुको उद्देश्य के हो?		
E3.7b Had you taken out a loan in the recent years from Banks? तपाईंले हालैका वर्षमा बैंकबाट ऋण लिनुभएको छ?	<p>Yes (छ) ...1</p> <p>No (छैन)...0</p>	<p>If 0 go to next loans यदि 0 भए अर्को ऋणमा जानुहोस्</p>
E3.7b.1 What is the amount of loan that you had taken from Banks? तपाईंले बैंकबाट कति ऋण लिनु भएको छ ? (रुपिया)		

E3.7b.2 What is the interest rate charged from Banks? (%) बैंकबाट लिने व्याजदर कति छ ? (%)		
E3.7b.3 What is the purpose of loan from the Banks? बैंकबाट ऋण लिनुको उद्देश्य के हो?		
E3.7c Had you taken out a loan in the recent years from Cooperatives? तपाइले हालैका वर्षमा सहकारीबाट ऋण लिनुभएको छ ?	Yes (छ) ...1 No (छैन) ...0	If 0 go to next loans यदि 0 भए अर्को ऋणमा जानुहोस्
E3.7c.1 What is the amount of loan that you had taken from Cooperatives? तपाइले सहकारीबाट कति ऋण लिनु भएको छ ? (रुपिया)		
E3.7c.2 What is the interest rate charged from Cooperatives? (%) सहकारीबाट लिने व्याजदर कति छ ? (%)		
E3.7c.3 What is the purpose of loan from the Cooperatives? सहकारीबाट ऋण लिनुको उद्देश्य के हो ?		
E3.7d Had you taken out a loan in the recent years from Micro-finance? तपाइले हालैका वर्षमा लघुवित्तबाट ऋण लिनुभएको छ ?	Yes (छ) ...1 No (छैन) ...0	If 0 go to next loans यदि 0 भए अर्को ऋणमा जानुहोस्
E3.7d.1 What is the amount of loan that you had taken from Micro-finance? तपाइले लघुवित्तबाट कति ऋण लिनु भएको छ ? (रुपिया)		
E3.7d.2 What is the interest rate charged from Micro-finance? (%) लघुवित्तबाट लिने व्याजदर कति छ ? (%)		
E3.7d.3 What is the purpose of loan from the Micro-finance? लघुवित्तबाट लिएको ऋणको उद्देश्य के हो?		
E3.7e Had you taken out a loan in the recent years from Saving-credit groups?	Yes (छ) ...1	If 0 go to next loans यदि 0 भए अर्को ऋणमा जानुहोस्

तपाईंले हालैका वर्षमा समूहहरूबाट ऋण लिनुभएको छ?	No (छैन) ...0	
E3.7e.1 What is the amount of loan that you had taken from Saving-credit groups? तपाईंले समूहबाट लिएको ऋणको रकम कति छ? (रुपिया)		
E3.7e.2 What is the interest rate charged from Saving-credit groups? (%) समूहहरूबाट लिने ब्याजदर कति छ ? (%)		
E3.7e.3 What is the purpose of loan from the Saving-credit groups? समूहबाट लिएको ऋणको उद्देश्य के हो?		
E3.7f Had you taken out a loan in the recent years from Others? तपाईंले हालैका वर्षमा अन्यबाट ऋण लिनुभएको छ ?	Yes (छ) ...1 No (छैन) ...0	If 0 go to next loans यदि 0 भए अर्को ऋणमा जानुहोस्
E3.7f.1. Other specify अन्य श्रोत के हुन् ?		
E3.7f.2 What is the amount of loan that you had taken from Others? तपाईंले अन्य श्रोतबाट लिएको ऋणको रकम कति छ ?(रुपिया)		
E3.7f.3 What is the interest rate charged from Others? (%) अन्य श्रोतमा लाम्ने ब्याजदर कति हो ? (%)		
E3.7f.4 What is the purpose of loan from the Others? अन्य बाट लिएको ऋणको उद्देश्य के हो?		
E3.8 Do you also provide loans to others? (Tick only one) तपाईं अरुलाई पनि ऋण दिनुहुन्छ ? (एउटा मात्रै चिन्ह लगाउनुहोस्)	Never (कहिल्यै दिन्न) ...1 Occasionally (कहिले काहिँ दिन्छु) ...2 Regularly (नियमित रूपमा दिन्छु) ...3	
E3.9a Have you received financial support from Government? तपाईंले सरकारबाट आर्थिक सहयोग पाउनुभएको छ ?	Yes (छ) ...1 No (छैन) ...0	If 0 go to Next source यदि 0 भए अर्को स्रोतमा जानुहोस्

E3.9a.1 What is the amount of financial support from Government? Amount (Rs) सरकारबाट कति आर्थिक सहयोग पाउनुभएको छ ? (रु.)		
E3.9a.2 What is the purpose of financial support from Government? सरकारबाट आर्थिक सहयोग लिनुको उद्देश्य के हो ?		
E3.9b Have you received financial support from Cooperatives? तपाईंले सहकारीबाट आर्थिक सहयोग पाउनुभएको छ ?	Yes (छ) ...1 No (छैन) ...0	If 0 go to Next source यदि 0 भए अर्को स्रोतमा जानुहोस्
E3.9b.1 What is the amount of financial support from Cooperatives? Amount (Rs) सहकारीबाट कति आर्थिक सहयोग पाउनुभएको छ ? (रु.)		
E3.9b.2 What is the purpose financial support from Cooperatives? सहकारीबाट आर्थिक सहयोग लिनुको उद्देश्य के हो ?		
E3.9c Have you received financial support from NGOs or other development projects? तपाईंले गैरसरकारी संस्था वा अन्य विकास आयोजनाहरूबाट आर्थिक सहयोग पाउनुभएको छ ?	Yes (छ) ...1 No (छैन) ...0	If 0 go to Next source यदि 0 भए अर्को स्रोतमा जानुहोस्
E3.9b.1 What is the amount of financial support from NGOs or other development projects? Amount (Rs) गैरसरकारी संस्था वा अन्य विकास आयोजनाहरूबाट प्राप्त भएको आर्थिक सहयोगको रकम कति हो ? (रु.)		
E3.9b.2 What is the purpose financial support from NGOs or other development projects? गैरसरकारी संस्था वा अन्य विकास आयोजनाहरूबाट प्राप्त भएको आर्थिक सहयोगको उद्देश्य के हो?		

F. Market environments बजारको वातावरण

Questions	Options	Remarks
F1.1 Had you purchase a farm manure? तपाईंले खेतबारीमा हालको लागि मल किन्नु भएको छ ?	Yes छ ...1 No छैन ...0	If 0 go to next Agri inputs यदि 0 भए अर्कोमा जानुहोस्
F1.1a How did you purchase a farm manure? तपाईंले मल कसरी किन्नुभयो ?	Individually व्यक्तिगत रूपमा ...1 Collectively in group समूहमा ...2 Cooperative सहकारी मार्फत ...3	
F1.2 Had you purchase an Inorganic fertilizer? तपाईंले रसायनिक मल किन्नु भएको छ ?	Yes छ ...1 No छैन ...0	If 0 go to next Agri inputs यदि 0 भए अर्कोमा कृषि इनपुटहरूमा जानुहोस्
F1.2a How did you purchase an Inorganic fertilizer? तपाईंले रसायनिक मल कसरी किन्नुभयो ?	Individually व्यक्तिगत रूपमा ...1 Collectively in group समूहमा ...2 Cooperative सहकारी मार्फत ...3	
F1.3 Had you purchase a Chemical pesticide? तपाईंले रासायनिक किटनासक किन्नु भएको छ ?	Yes छ ...1 No छैन ...0	If 0 go to next Agri inputs यदि 0 भए अर्को कृषि इनपुटहरूमा जानुहोस्
F1.3a How did you purchase a Chemical pesticide? तपाईंले रासायनिक किटनासक कसरी किन्नुभयो ?	Individually व्यक्तिगत रूपमा ...1 Collectively in group समूहमा ...2 Cooperative सहकारी मार्फत ...3	

<p>F1.4 Had you purchase an Improved seed/seedlings?</p> <p>तपाईंले सुधारिएको बीउ-बिजन किन्नुभएको छ ?</p>	<p>Yes</p> <p>छ ...1</p> <p>No</p> <p>छैन ...0</p>	<p>If 0 go to next Agri inputs</p> <p>यदि 0 भए अर्को कृषि इनपुटहरूमा जानुहोस्</p>
<p>F1.4a How did you purchase an Improved seed/seedlings?</p> <p>तपाईंले सुधारिएको बीउ-बिजन कसरी किन्नुभयो ?</p>	<p>Individually</p> <p>व्यक्तिगत रूपमा ...1</p> <p>Collectively in group</p> <p>समूहमा ...2</p> <p>Cooperative</p> <p>सहकारी मार्फत ...3</p>	
<p>F1.5 Had you purchase or rent farm machinery (e.g., tractor ploughing, harvester, etc.)?</p> <p>तपाईंले फार्म मेसिनरी (जस्तै: ट्रयाक्टर, जोत्ने, अन्न काट्ने मसिन आदि) किन्नु भयो वा भाडामा लिनुभयो?</p>	<p>Yes</p> <p>लिए ...1</p> <p>No</p> <p>लिएन ...0</p>	<p>If 0 go to next Agri inputs</p> <p>यदि 0 भए अर्को कृषि इनपुटहरूमा जानुहोस्</p>
<p>F1.5a How did you purchase or rent farm machinery (e.g., tractor ploughing, harvester, etc.)?</p> <p>तपाईंले फार्म मेसिनरी (जस्तै: ट्रयाक्टर, जोत्ने, अन्न काट्ने मसिन आदि) कसरी खरिद गर्नुभयो वा भाडामा लिनुभयो?</p>	<p>Individually</p> <p>व्यक्तिगत रूपमा ...1</p> <p>Collectively in group</p> <p>समूहमा ...2</p> <p>Cooperative</p> <p>सहकारी मार्फत ...3</p>	
<p>F1.4 Had you used technical services?</p> <p>तपाईंले अरुबाट प्राविधिक सहयोगहरू प्राप्त गर्नु भयो ?</p>	<p>Yes</p> <p>गरे ...1</p> <p>No</p> <p>गरिने ...0</p>	<p>If 0 go to next F2</p> <p>यदि 0 भए अर्को F2 मा जानुहोस्</p>
<p>F1.4a How did you used technical services?</p> <p>तपाईंले प्राविधिक सहयोगहरू कसरी प्राप्त गर्नु भयो ?</p>	<p>Individually</p> <p>व्यक्तिगत रूपमा ...1</p> <p>Collectively in group</p> <p>समूहमा ...2</p> <p>Cooperative</p> <p>सहकारी मार्फत ...3</p>	

<p>F2. How do you manage the labour supply in your farm enterprises (i.e., cultivation of legumes/vegetables)? Check all that apply.</p> <p>तपाईं आफ्नो कृषि ब्यबसाय (अर्थात, दाल गेडागुडी/तरकारी खेती) मा श्रमिक (कामदार) कसरी व्यवस्था गर्नुहुन्छ? लागू हुने सबै राख्नुहोस्।</p>	<p>Family labour पारिवारिक श्रमिक ...1</p> <p>labour exchange (<i>parma</i> in Nepali) पर्म...2</p> <p>wage labour (<i>Jyaladari</i> in Nepali) ज्यालादारी...3</p> <p>Others अन्य...97</p>	<p>If 97 go to F2.1 यदि 97 भए F2.1 मा जानुहोस्</p> <p>F3 question should shows only for selected options F3 प्रश्न चयन गरिएका विकल्पहरूको लागि मात्र देखाउनुपर्दछ</p>
<p>F2.1 Other specify अन्य खुलाउनुहोस्</p>		
<p>F3.1 How many hours did you employ the Family labours in the last season for vegetable or legume cultivation? [hours/season] गएको खेति सिजनमा, तरकारी वा गेडागुडी खेतीमा कति घण्टा परिवारको सदस्यलाई काममा लगाउनुभयो ? [घण्टा/सिजन]</p>		
<p>F3.2 How many hours did you employ the Labour exchange (<i>parma</i> in Nepali) in the last season for vegetable or legume cultivation? [hours/season] गएको खेति सिजनमा, तरकारी वा गेडागुडी खेतीका लागि कति घण्टा पर्म गर्नुभयो? [घण्टा/सिजन]</p>		
<p>F3.3 How many hours did you employ the wage labour (<i>Jyaladari</i> in Nepali) in the last season for vegetable or legume cultivation? [hours/season] गएको खेति सिजनमा, तरकारी वा गेडागुडी खेतीमा कति घण्टा ज्यालादारी मजदुर लगाउनुभयो ? [घण्टा/सिजन]</p>		
<p>F3.4 How many hours did you employ the Others in the last season for vegetable or legume cultivation? [hours/season] गएको खेति सिजनमा, तरकारी वा गेडागुडी खेतीमा कति घण्टा अरुलाई काममा लगाउनुभयो ? [घण्टा/सिजन]</p>		
<p>F4. How do you sell farm products? (<i>Select all that apply</i>) कृषि उत्पादन कसरी बिक्री गर्नुहुन्छ ? (लागू हुने सबै चयन गर्नुहोस्)</p>	<p>Individually व्यक्तिगत रूपमा ...1</p> <p>Collectively in group समूहमा ...2</p> <p>Cooperative</p>	

	सहकारी मार्फत ...3	
<p>F5. Where was your target market to sell the products in the early stages of vegetable farming/legume production/enterprises? (<i>Select all that apply</i>)</p> <p>दाल गेडागुडी/तरकारी खेती/ब्यबसायको प्रारम्भिक (सुरुवाती) चरणमा आफ्ना उत्पादनहरू बेच्न तपाईं कहाँ लैजानुहुन्थ्यो ? (लागू हुने सबै चयन गर्नुहोस्)</p>	<p>Local haat bazar (स्थानीय हाट बजार)...1</p> <p>Trader व्यापारी ...2</p> <p>Collector संकलनकर्ता ...3</p> <p>Home delivery घर-घरमा ...4</p> <p>Others अन्य...97</p>	<p>If 97 go to F5.1</p> <p>यदि 97 भए F5.1 मा जानुहोस्</p>
<p>F5.1 Other specify</p> <p>अन्य खुलाउनुहोस्</p>		
<p>F6. Where do you sell your products today?</p> <p>तपाईं आज-भोलि आफ्नो उत्पादन कहाँ बेच्नुहुन्छ?</p>	<p>Local haat bazar स्थानीय हाट बजार...1</p> <p>Trader व्यापारी ...2</p> <p>Collector संकलनकर्ता ...3</p> <p>Home delivery घर-घरमा ...4</p> <p>Others अन्य...97</p>	<p>If 97 go to F6.1</p> <p>यदि 97 भए F6.1 मा जानुहोस्</p>
<p>F6.1 Other Specify</p> <p>अन्य खुलाउनुहोस्</p>		
<p>F8. State the price received for the products in relation to legume or vegetable farming. (Rs/kg or express in local units)</p> <p>गेडागुडी वा तरकारी खेतीको उत्पादन बिक्री गर्दा, प्राप्त हुने औसत मूल्य उल्लेख गर्नुहोस्। (रु/के.जी वा स्थानीय एकाइहरू)</p>		

<p>F9. Who were the main customers? (<i>Select one or multiple options</i>)</p> <p>तपाइका मुख्य ग्राहकहरू को थिए? (एक वा धेरै विकल्पहरू चयन गर्नुहोस्)</p>	<p>General (broad range)</p> <p>सामान्य सबै (बृहत् दायरा) ...1</p> <p>Contract clients (e.g., hotels, wholesalers)</p> <p>नियमीत ग्राहकहरू (जस्तै: होटेल, थोक बिक्रेता) ...2</p> <p>Intermediary</p> <p>मध्यस्तकर्ता...3</p> <p>Others</p> <p>अन्य...97</p>	<p>If 97 go to F9.1</p> <p>यदि 97 भए F9.1 मा जानुहोस्</p>
<p>F9.1 Other specify</p> <p>अन्य खुलाउनुहोस्</p>		
<p>F10. Who determines the prices? (Tick multiple options if relevant)</p> <p>बजारमा कसले मूल्य निर्धारण गर्छ? (सान्दर्भिक भएमा धेरै विकल्पहरूमा छान्नुहोस्)</p>	<p>You as a producer</p> <p>म, उत्पादकको रूपमा आफै...1</p> <p>Wholesaler/retailers</p> <p>थोक/खुदरा बिक्रेता...2</p> <p>You set the price referencing to previous day and negotiate later (मैले अघिल्लो दिनको हेरेर, बिचार गरेर मूल्य राख्छु...3</p> <p>Fixed-price</p> <p>निश्चित मूल्य सम्झौता...4</p> <p>Others</p> <p>अन्य...97</p>	<p>If 97 go to F10.1</p> <p>यदि 97 भए F10.1 मा जानुहोस्</p>
<p>F10.1 Other specify</p> <p>अन्य खुलाउनुहोस्</p>		
<p>F11. Is there a price difference on the same product if a man or woman is dealing on the market?</p> <p>यदि एक पुरुष वा महिला बजारमा कारोबार गर्दै हुनुहुन्छ भने, के एउटै उत्पादनको मूल्य फरक हुन्छ ?</p>	<p>Yes</p> <p>हुन्छ ...1</p> <p>No</p> <p>हुदैन ...0</p>	

<p>F12. Are you familiar with the branding?</p> <p>तपाईं ब्रान्डिसँग परिचित हुनुहुन्छ?</p>	<p>Yes</p> <p>छु ...1</p> <p>No</p> <p>छैन ...0</p>	
<p>F13. Do you think that branding adds value to your products?</p> <p>तपाईंलाई लाग्छ कि ब्रान्डिङले उत्पादनको मुल्य बढाउछ ?</p>	<p>Yes</p> <p>लाग्छ ...1</p> <p>No</p> <p>लाग्दैन ...0</p>	
<p>F14 Is your product a niche item in your market?</p> <p>तपाईंको उत्पादन बजारमा एक बिषेस् (फरक) वस्तु हो ?</p>	<p>Yes</p> <p>हो ...1</p> <p>No</p> <p>होइन ...0</p>	<p>IF 1 go to F14.1</p> <p>यदि 1 भए F14.1 मा जानुहोस्</p>
<p>F14.1 If yes, why is it a niche product?</p> <p>यदि हो भने, किन?</p>	<p>Organic</p> <p>अर्ग्यानीक ...1</p> <p>Specific variety or off-season product</p> <p>विशिष्ट विविधता वा अफ-सिजन उत्पादन ...2</p> <p>Only grown by you</p> <p>मैले मात्र उत्पादन गर्ने भएर...3</p> <p>There are specific customers demanding your products</p> <p>विशिष्ट ग्राहकहरू छन् जुन मेरो उत्पादनको माग गर्दछन् ...4</p>	
<p>F15. Do you adopt a strategy for marketing/increasing sales of your products? (Select one or multiple options)</p> <p>तपाईं आफ्नो उत्पादनको मार्केटिंग/बिक्री बढाउनको लागि रणनीति अपनाउनु हुन्छ? (एक वा धेरै विकल्पहरू छान्नुहोस्)</p>	<p>Sell in the stall</p> <p>स्टलमा बेच्ने...1</p> <p>Telephone call</p> <p>टेलिफोन कल ...2</p> <p>SMS text to customers</p> <p>ग्राहकहरूलाई एसएमएस पठाउने ...3</p> <p>home delivery</p> <p>घर-घरमा डेलिभरी ...4</p>	<p>If 97 go to F15.1</p> <p>यदि 97 भए F15.1 मा जानुहोस्</p>

	Mobile App (e.g., Facebook) मोबाइल एप जस्तै फेसबुक ...5 Traditional way ...6 परम्परागत तरिकाले Others अन्य ...97	
F15.1 Other specify अन्य खुलाउनुहोस्		
F16. Do you see competition in the market? तपाईं बजारमा प्रतिस्पर्धा देख्नुहुन्छ ?	Yes देख्छु ...1 No देखिदैन ...0	If 1 go to F17 यदि 1 भए F17 मा जानुहोस्
F17. If yes, what is the number of competing producers in your market? यदि प्रतिस्पर्धा छ भने, तपाईंको बजारमा प्रतिस्पर्धी उत्पादकहरूको संख्या कति छ?	Very low धेरै कम ...1 Low कम ...2 Medium मध्यम ...3 High धेरै ...4 Very high धेरै बढि ...5	
F18. Is your business seasonal, i.e., seasonal harvests of your farm products? के तपाईंको व्यवसाय मौसमी हो, अर्थात् तपाईंको कृषि उत्पादन मौसमी बाली हो?	Yes हो ...1 No हैन ...0	If 1 go to F19 यदि 1 भए F19 मा जानुहोस्
F19. If yes, how long do you be doing business in a year? यदि व्यवसाय मौसमी हो भने, तपाईं एक वर्षमा कति समयसम्म व्यवसाय गर्नुहुन्छ?	< 2 months < २ महिना ...1 2-4 months २ -४ महिना ...2 5-7 months	

	<p>५-७ महिना ...3</p> <p>8-10 months</p> <p>८-१० महिना ...4</p> <p>>10 months</p> <p>>१० महिना ...5</p>	
<p>F20. What is the post-harvest loss in the supply chain (e.g., transporting to market and inappropriate packaging)? (% of total quantity harvest)</p> <p>आपूर्ति श्रृंखला (जस्तै: बजारमा ढुवानी र अनुपयुक्त प्याकेजिङ) मा बाली उत्पादन पछिको नोक्सानि कति हुन्छ ? (कुल मात्रा फसलको%)</p>	<p>< 5% ...1</p> <p>5-10% ...2</p> <p>11 -20 % ...3</p> <p>>20 % ...4</p> <p>< ५% ...१</p> <p>५-१०% ...२</p> <p>११ -२०% ...३</p> <p>>२०% ...४</p>	
<p>F21. Do you have cold storage for your farm produces (e.g., legumes and vegetables)?</p> <p>तपाईंसँग कृषि उत्पादन (जस्तै, गेडागुडी र तरकारीहरू) भण्डारणको लागि कोल्ड स्टोरेज/ चिस्यान् छ ?</p>	<p>Yes</p> <p>छ...1</p> <p>No</p> <p>छैन ...0</p>	<p>If 1 go to F22</p> <p>यदि 1 भए F22 मा जानुहोस्</p>
<p>F22. If yes, does this add value to selling your produces off-season?</p> <p>यदि छ भने, त्यसले तपाईंका उत्पादनहरू अफ-सिजनमा बेच्दा मूल्य बढाउँछ ?</p>	<p>Yes</p> <p>छ ...1</p> <p>No</p> <p>छैन ...0</p>	<p>If 1 go to F23</p> <p>यदि 1 भए F23 मा जानुहोस्</p>
<p>F23. list the items that you put in cold storage.</p> <p>तपाईंले कोल्ड स्टोरेज/ चिस्यान्मा राख्नु भएको वस्तुहरूको सुचि भन्नुहोस्</p>		
<p>F24. Do you have difficulties in selling products?</p> <p>तपाईंलाई आफ्ना उत्पादनहरू बेच्न गारो भैराखेको छ ?</p>	<p>Yes</p> <p>छ ...1</p> <p>No</p>	<p>If 1 go F25</p> <p>यदि 1 भए F25 मा जानुहोस्</p>

	छैन ...0	
F25. If yes, list the items that are difficult to sell यदि छन् भने, बेच्न गाह्रो हुने वस्तुहरूको सूची भन्नुहोस्		

G. Livelihood & changes

जीविका र परिवर्तन

G.1 State household association with organizations or groups

संस्था वा समूहहरूसँग संस्था वा समूहहरूसँग घरपरिवारको सम्बन्ध

Questions प्रश्नहरू	Options विकल्पहरू	Remarks टिप्पणीहरू
G1.1a Are you a member of Cooperatives? तपाईं सहकारीको सदस्य हुनुहुन्छ ?	Yes ...1 छु ... १ No ...0 छैन ... ०	If 0 go to next groups यदी ० भए अर्को समुहमा जानुहोस्
G1.1a.1 If yes, your position in the group यदी हुनुहुन्छ भने, आफ्नो पद उल्लेख गर्नुहोस्		
G1.1b Are you a member of Self-help groups? तपाईं स्वयमसेवी समुहको सदस्य हुनुहुन्छ?	Yes ...1 छु ... १ No ...0 छैन ... ०	If 0 go to next groups यदी ० भए अर्को समुहमा जानुहोस्
G1.1b.1 If yes, your position in the group यदी हुनुहुन्छ भने, आफ्नो पद उल्लेख गर्नुहोस्		
G1.1c Are you a member of Community Forest users' group? तपाईं सामुदायिक बनको सदस्य हुनुहुन्छ?	Yes ...1 छु ... १ No ...0 छैन ... ०	If 0 go to next groups यदी ० भए अर्को समुहमा जानुहोस्
G1.1c.1 If yes, your position in the group यदी हुनुहुन्छ भने, आफ्नो पद उल्लेख गर्नुहोस्		

G1.1d Are you a member of Elected local government representative? तपाईं निर्वाचित स्थानिय जनप्रतिनिधि हुनुहुन्छ?	Yes ...1 छु ... १ No ...0 छैन ... ०	If 0 go to next groups यदी ० भए अर्को समुहमा जानुहोस्
G1.1d.1 If yes, your position in the group यदी हुनुहुन्छ भने, आफ्नो पद उल्लेख गर्नुहोस्		
G1.1e Are you a member of Political party? तपाईं राजनीतिक पार्टीको सदस्य हुनुहुन्छ?	Yes ...1 छु ... १ No ...0 छैन ... ०	If 0 go to next groups यदी ० भए अर्को समुहमा जानुहोस्
G1.1e.1 If yes, your position in the group यदी हुनुहुन्छ भने, आफ्नो पद उल्लेख गर्नुहोस्		
G1.1f Are you a member of any other groups or organizations? तपाईं अरु कुनै समुह वा संघ-संस्थानको सदस्य हुनुहुन्छ?	Yes ...1 छ ... १ No ...0 छैन ... ०	If 0 go to G1.2 यदी ० भए G1.2 समुहमा जानुहोस्
G1.1f.1 Other specify यदी हुनुहुन्छ भने समुह वा संघ-संस्थाको नाम उल्लेख गर्नुहोस् ।		
G1.1f.2 If yes, your position in the group यदी हुनुहुन्छ भने, आफ्नो पद उल्लेख गर्नुहोस्		
G1.2 Has affiliation to any of these been productive for your enterprise? माथि भन्नु भएको संघ-संस्थामा लागेर तपाइको ब्यबसायलाई केहि फाइदा पुगेको छ ?	Yes ...1 छ ... १ No ...0 छैन ... ०	Do not show if no in any of above
G1.3a Is your spouse a member of Cooperatives? तपाईंको श्रीमान/श्रीमती सहकारीको सदस्य हुनुहुन्छ ?	Yes ...1 हुनुहुन्छ ... १ No ...0 हुनुहुन्न... ०	If 0 go to next groups यदी ० भए अर्को समुहमा जानुहोस्
G1.3a.1 If yes, your position in the group यदी हुनुहुन्छ भने, उहा कुन पदमा हुनुहुन्छ ?		

G1.3b Is your spouse a member of Self-help groups? तपाईंको श्रीमान/श्रीमती स्वयमसेवी समुहको सदस्य हुनुहुन्छ?	Yes ...1 हुनुहुन्छ ... १ No ...0 हुनुहुन्न... ०	If 0 go to next groups यदी ० भए अर्को समुहमा जानुहोस्
G1.3b.1 If yes, your position in the group यदी हुनुहुन्छ भने, उहाको पद उल्लेख गर्नुहोस्		
G1.3c Is your spouse a member of Community Forest users' group? तपाईंको श्रीमान/श्रीमती सामुदायिक बनको सदस्य हुनुहुन्छ?	Yes ...1 हुनुहुन्छ ... १ No ...0 हुनुहुन्न... ०	If 0 go to next groups यदी ० भए अर्को समुहमा जानुहोस्
G1.3c.1 If yes, your position in the group यदी हुनुहुन्छ भने, उहाको पद उल्लेख गर्नुहोस्		
G1.3d Is your spouse a member of Elected local government representative? तपाईंको श्रीमान/श्रीमती निर्वाचित स्थानिय जनप्रतिनिधि हुनुहुन्छ?	Yes ...1 हुनुहुन्छ ... १ No ...0 हुनुहुन्न... ०	If 0 go to next groups यदी ० भए अर्को समुहमा जानुहोस्
G1.3d.1 If yes, your position in the group यदी हुनुहुन्छ भने, उहाको पद उल्लेख गर्नुहोस्		
G1.3e Is your spouse a member of Political party? तपाईंको श्रीमान/श्रीमती राजनीतिक पार्टीको सदस्य हुनुहुन्छ?	Yes ...1 हुनुहुन्छ ... १ No ...0 हुनुहुन्न... ०	If 0 go to next groups यदी ० भए अर्को समुहमा जानुहोस्
G1.3e.1 If yes, your position in the group यदी हुनुहुन्छ भने, उहाको पद उल्लेख गर्नुहोस्		
G1.3f Is your spouse a member of any other groups or organizations? तपाईंको श्रीमान/श्रीमती अरु कुनै समुह वा संघ-संस्थाको सदस्य हुनुहुन्छ?	Yes ...1 हुनुहुन्छ ... १ No ...0 हुनुहुन्न... ०	If 0 go to G1.2 यदी ० भए G1.2 समुहमा जानुहोस्
G1.3f.1 Other specify यदी हुनुहुन्छ भने समुह वा संघ-संस्थाको नाम उल्लेख गर्नुहोस् ।		
G1.1f.1 If yes, your position in the group		

यदी हुनुहुन्छ भने, उहाँको पद उल्लेख गर्नुहोस्		
G1.4a Is your in-laws a member of Cooperatives? तपाईंको सासु/ससुरा सहकारीको सदस्य हुनुहुन्छ ?	Yes ...1 हुनुहुन्छ ... १ No ...0 हुनुहुन्न... ०	If 0 go to next groups यदी ० भए अर्को समुहमा जानुहोस्
G1.4a.1 If yes, your position in the group यदी हुनुहुन्छ भने, उहाँको पद उल्लेख गर्नुहोस्		
G1.4b Is your in-laws a member of Self-help groups? तपाईंको सासु/ससुरा स्वयमसेवी समुहको सदस्य हुनुहुन्छ?	Yes ...1 हुनुहुन्छ ... १ No ...0 हुनुहुन्न... ०	If 0 go to next groups यदी ० भए अर्को समुहमा जानुहोस्
G1.4b.1 If yes, your position in the group यदी हुनुहुन्छ भने, उहाँको पद उल्लेख गर्नुहोस्		
G1.4c Is your in-laws a member of Community Forest users' group? तपाईंको सासु/ससुरा सामुदायिक बनको सदस्य हुनुहुन्छ?	Yes ...1 हुनुहुन्छ ... १ No ...0 हुनुहुन्न... ०	If 0 go to next groups यदी ० भए अर्को समुहमा जानुहोस्
G1.4c.1 If yes, your position in the group यदी हुनुहुन्छ भने, उहाँको पद उल्लेख गर्नुहोस्		
G1.4d Is your in-laws a member of Elected local government representative? तपाईंको सासु/ससुरा निर्वाचित स्थानिय जनप्रतिनिधि हुनुहुन्छ?	Yes ...1 हुनुहुन्छ ... १ No ...0 हुनुहुन्न... ०	If 0 go to next groups यदी ० भए अर्को समुहमा जानुहोस्
G1.4d.1 If yes, your position in the group यदी हुनुहुन्छ भने, उहाँको पद उल्लेख गर्नुहोस्		
G1.4e Is your in-laws a member of Political party? तपाईंको सासु/ससुरा राजनीतिक पार्टीको सदस्य हुनुहुन्छ?	Yes ...1 हुनुहुन्छ ... १ No ...0 हुनुहुन्न... ०	If 0 go to next groups यदी ० भए अर्को समुहमा जानुहोस्
G1.4e.1 If yes, your position in the group		

यदी हुनुहुन्छ भने, उहाको पद उल्लेख गर्नुहोस्		
G1.4f Is your in-laws a member of any other groups or organizations? तपाईंको सासु/ससुरा अरु कुनै समुह वा संघ-संस्थाको सदस्य हुनुहुन्छ?	Yes ...1 हुनुहुन्छ ... १ No ...0 हुनुहुन्न... ०	If 0 go to G1.2 यदी ० भए G1.2 समुहमा जानुहोस्
G1.4f.1 Other specify यदी हुनुहुन्छ भने समुह वा संघ-संस्थाको नाम उल्लेख गर्नुहोस् ।		
G1.4f.1 If yes, your position in the group यदी हुनुहुन्छ भने, उहाको पद उल्लेख गर्नुहोस्		
G1.5a Is your other family members a member of Cooperatives? तपाईंको परिवारको अन्य सदस्य सहकारीको सदस्य हुनुहुन्छ ?	Yes ...1 हुनुहुन्छ ... १ No ...0 हुनुहुन्न... ०	If 0 go to next groups यदी ० भए अर्को समुहमा जानुहोस्
G1.5a.1 If yes, your position in the group यदी हुनुहुन्छ भने, उहाको पद उल्लेख गर्नुहोस्		
G1.5b Is your other family members a member of Self-help groups? तपाईंको परिवारको अन्य सदस्य स्वयमसेवी समुहको सदस्य हुनुहुन्छ?	Yes ...1 हुनुहुन्छ ... १ No ...0 हुनुहुन्न... ०	If 0 go to next groups यदी ० भए अर्को समुहमा जानुहोस्
G1.5b.1 If yes, your position in the group यदी हुनुहुन्छ भने, उहाको पद उल्लेख गर्नुहोस्		
G1.5c Is your other family members a member of Community Forest users' group? तपाईंको परिवारको अन्य सदस्य सामुदायिक बनको सदस्य हुनुहुन्छ?	Yes ...1 हुनुहुन्छ ... १ No ...0 हुनुहुन्न... ०	If 0 go to next groups यदी ० भए अर्को समुहमा जानुहोस्
G1.5c.1 If yes, your position in the group यदी हुनुहुन्छ भने, उहाको पद उल्लेख गर्नुहोस्		
G1.5d Is your other family members a member of Elected local government representative?	Yes ...1 हुनुहुन्छ ... १ No ...0	If 0 go to next groups यदी ० भए अर्को समुहमा जानुहोस्

तपाईंको परिवारको अन्य सदस्य निर्वाचित स्थानिय जनसरकारको प्रतिनिधि हुनुहुन्छ?	हुनुहुन्न... ०	
G1.5d.1 If yes, your position in the group यदी हुनुहुन्छ भने, उहाको पद उल्लेख गर्नुहोस्		
G1.5e Is your other family members a member of Political party? तपाईंको परिवारको अन्य सदस्य राजनीतिक पार्टीको सदस्य हुनुहुन्छ?	Yes ...1 हुनुहुन्छ ... १ No ...0 हुनुहुन्न... ०	If 0 go to next groups यदी ० भए अर्को समुहमा जानुहोस्
G1.5e.1 If yes, your position in the group यदी हुनुहुन्छ भने, उहाको पद उल्लेख गर्नुहोस्		
G1.5f Is your other family members a member of any other groups or organizations? तपाईंको परिवारको अन्य सदस्य अरु कुनै समुह वा संघ-संस्थाको सदस्य हुनुहुन्छ?	Yes ...1 हुनुहुन्छ ... १ No ...0 हुनुहुन्न... ०	If 0 go to G1.2 यदी ० भए G1.2 समुहमा जानुहोस्
G1.5f.1 Other specify यदी हुनुहुन्छ भने समुह वा संघ-संस्थाको नाम उल्लेख गर्नुहोस् ।		
G1.5f.1 If yes, your position in the group यदी हुनुहुन्छ भने, उहाको पद उल्लेख गर्नुहोस्		

G.2 Livelihood security and family future

जीविकोपार्जन, सुरक्षा र परिवारको भविष्य

Questions प्रश्नहरू	Options विकल्पहरू	Remarks टिप्पणीहरू
G2.1 Do you have insurance for the following commodities? तपाइले आफ्नो बालीनाली र पशुपन्डीको बीमा गर्नुभएको छ ?	Crops ...1 बालीनाली ... १ Livestock ...2 पशुपन्डी ... २ None ...98 छैन ... ९८	

<p>G2.2 What is the enterprise's contribution (legume/vegetable farming) to your household income?</p> <p>तपाईंको घर-परिवारको कुल आम्दामी मध्ये दाल गेडागुडी / तरकारी खेतीको योगदान कति छ ?</p>	<p>< 25% ...1</p> <p>२५% भन्दा मुनी ... १</p> <p>25 - 49% ...2</p> <p>२५% देखी ४९% सम्मा ... २</p> <p>50 - 75% ...3</p> <p>५०% देखी ७५% सम्मा ... ३</p> <p>> 75%. ...4</p> <p>७५ % भन्दा माथि ... ४</p>	
<p>G2.3 How do you see your future engagement in farming enterprises?</p> <p>कृषि ब्यबसायमा आफ्नो भविष्य कस्तो देख्नु भएको छ?</p>	<p>Promising scope ...1</p> <p>आशाजनक ... १</p> <p>Subsistence level ...2</p> <p>निर्वाहा गर्न पुग्ने ... २</p> <p>Difficult for business survival ...3</p> <p>ब्यवसाय चलाउन गाह्रो ... ३</p>	
<p>G2.4 Do you want your children to be in the same enterprise?</p> <p>तपाईंको छोरा-छोरिले पनि यही ब्यबसाय गरोस भन्ने चाहाना छ ?</p>	<p>Yes ...1</p> <p>छ ... १</p> <p>No ...0</p> <p>छैन ... ०</p>	<p>If 1 go to G2.4.1</p> <p>यदी १ भए G2.4.1 समुहमा जानुहोस्</p>
<p>G2.4.1 Reasons</p> <p>छ भने के कारणहरु हुन्?</p>		
<p>G2.5 What are your main constraints for enhancing vegetable production/legume production/enterprises?</p> <p>दाल गेडागुडी / तरकारी खेती/ ब्यबसाय बढाउन मुख्य समस्या</p> <p>/बाधकहरु के के हुन्?</p>	<p>Market access to your products ...1</p> <p>बजार सम्मको पहुच... १</p> <p>Lack of improved technology ...2</p> <p>प्रविधीको कमी ... २</p> <p>Irrigation ...3</p> <p>सीचाइ ... ३</p> <p>Improved seeds and technology ...4</p> <p>उन्नत बीउबीजन र प्रविधी ... ४</p> <p>Fertilizers & pesticides ...5</p> <p>मलखाद र किटनासक ... ५</p> <p>Transportation ...6</p>	<p>If 97 go to G2.5.1</p>

	यातयात / दुवानी ... ६ Access to finance ...7 पैसाको श्रोतसम्मको पहुच ७ Technical skills and knowledge ...8 प्राविधिक शिप तथा ज्ञान ... ८ Management skills ...9 ब्यवस्थापन शिप ... ९ Others ...97 अन्य ... ९७	
G2.5.1 Other Specify अन्य खुलाउनुहोस्		

H. Decision-making and workload distribution

निर्णय र कार्यभार वितरण

Questions प्रश्नहरू	Options विकल्पहरू		Remarks टिप्पणीहरू
H1. Who makes the following decisions? तलका खेतीका कामहरूमा निर्णय कसले बढि गर्नुहुन्छ ?	Male does more (पुरुषले बढी गर्छ) ...1	Female does more (महिलाले बढी गर्छ) ...2	Equally distributed (समान रूपमा) ...0
H1.a. Crop selection बालीनाली छान्ने			
H1.b. Purchasing of seeds बीउ बीजन किन्ने			
H1.c. Purchasing of fertilizers मलखाद किन्ने			
H1.d. Purchasing of pesticides विषादी/किटनासक किन्ने			
H1.e. Purchasing/renting machines or tools (e.g., tractors, thresher) मेसिन वा औजारहरू (जस्तै: ट्र्याक्टर, थ्रेसर) किन्ने/भाडामा लिने			

H1.f. Renting and purchasing farm land खेत/जग्गा भाडामा लिने/खरिद गर्ने			
H1.g. Accessing loans ऋण लिने			
H1.h. Marketing of produce उत्पादनको बजारीकरण			
H1.i. Membership in a group (e.g., cooperative) समूहमा सदस्यता लिने (जस्तै:सहकारी)			
H2. How is the workload distributed for the following activities? तलका कामहरु कसले बढि गर्नुहुन्छ ?	Male does more (पुरुषले बढी गर्छ) ...1	Female does more (महिलाले बढी गर्छ) ...2	Equally distributed (समान रूपमा) ...0
H2.a Household work (chores, care work) घरायसी काम (घर धन्दा, हेरचाह कार्य)			
H2.b Child handling (education, pickup & drop-off at school) बालबालिका हेरचाह (घरमा पढाउने, स्कुल लैजाने ल्याउने)			
H2.c Land preparation जग्गा-जमीन खनजोत			
H2.d Seeding, weeding, earthing-up बाली रोप्ने, गोड्ने			
H2.e Application of fertilizers/manuring मलखाद हाल्ने			
H2.f Application of pesticides कीटनाशक बिषादी हाल्ने			
H2.g Harvesting (collecting, threshing) बाली काट्ने, झार्ने, संकलन गर्ने			
H2.h Post-harvest activity (cleaning, grading, packaging)			

बाली सफाई, छान्ने, पोको पार्ने (ग्रेडिङ, प्याकेजिङ)			
H2.i Marketing (purchasing inputs and selling outputs) बजारमा उत्पादन बेच्ने र कृषि सामग्री किन्ने			
H2.j Livestock management (fodder collection, feeding at stalls, milking, etc.) पशुपालनको काम (घास-पराल ल्याउने ख्वाउने, दूध दुहुने आदि)			
H2.k Attending social activities (group meetings, agricultural training, social awareness, etc.) सामाजिक गतिविधिहरूमा भाग लिने (समूह बैठक, कृषि प्रशिक्षण, जन चेतना, आदि)			
H3.1a. How many hours per day, workload distributed for male in household chores? (Hours per day) दिनमा कति घण्टा, पुरुषले घरायसी काम गर्नुहुन्छ ?			
H3.1b. How many hours per day, workload distributed for male in Farm work? (Hours per day) दिनमा कति घण्टा, पुरुषले खेत-बारीको काम गर्नुहुन्छ ?			
H3.1c. How many hours per day, workload distributed for male in Livestock Farming? (Hours per day) दिनमा कति घण्टा, पुरुषले पशुपालनको काम गर्नुहुन्छ ?			
H3.1d. How many hours per day, workload distributed for male in Leisure and entertainment? (Hours per day) पुरुषका लागि दिनमा कति घण्टा फुर्सद र मनोरञ्जनमा समय रहन्छ ?			
H3.2a. How many hours per day, distributed for female in household chores? (Hours per day) दिनमा कति घण्टा, महिलाले घरायसी काम गर्नुहुन्छ ?			
H3.2b. How many hours per day, workload distributed for female in Farm work? (Hours per day) दिनमा कति घण्टा, महिलाले खेत-बारीको काम गर्नुहुन्छ ?			
H3.2c. How many hours per day, workload distributed for female in Livestock Farming? (Hours per day) दिनमा कति घण्टा महिलाले पशुपालनको काम गर्नुहुन्छ ?			

H3.2d. How many hours per day, workload distributed for female in Leisure and entertainment? (Hours per day) महिलालाई दिनमा कति घण्टा फुर्सद र मनोरञ्जनमा समय रहन्छ ?		
H4. What is your workload share in marketing activities? बजारिकरण (बेच्ने ब्यबस्था मिलाउने) काममा तपाइको जिम्मेवारी कति रहन्छ ?	Less than 25% (25%भन्दा कम)...1 25-50% ...2 २५-५०% ...2 Over 50%(50%भन्दा बढी) ...3	
H5. Do you agree with the statement “Social norms and values influence the gender division of roles within a household”? (Select one option) "सामाजिक मूल्य मान्यताले घरभित्रको काम महिला पुरुषको जिम्मेवारी बाडफाडमा प्रभाव पार्छ" भन्ने भनाइसँग सहमत हुनुहुन्छ? (एउटा विकल्प छान्नुहोस्)	Strongly Agree पुर्ण सहमत ...5 Agree ...4 सहमत ...4 Neutral न सहमत न असहमत ...3 Disagree असहमत ...2 Strongly agree पुर्ण असहमत ...1	

I. Perceptions about climate change in general

जलवायु परिवर्तनको बारेमा सामान्य धारणा

I.1 Observations on impact of climate change

जलवायु परिवर्तन को प्रभाव अवलोकन

Questions प्रश्नहरू	Options विकल्पहरू	Remarks टिप्पणीहरू
I1.1 Have you heard of Occurrence of irregular / erratic rainfall pattern? तपाईंलाई सहि समयमा वा सहि तरिकाले पानी नपर्ने घटनाबारे सुन्नुभएको छ ?	Yes (छ) ...1 No (छैन) ...0	If 0 go to next impact यदि 0 भए अर्को प्रभावमा जानुहोस्
I1.1a Have you ever experienced Occurrence of irregular / erratic rainfall pattern?	Yes (छ) ...1	

तपाईंले कहिल्यै सहि समयमा वा सहि तरिकाले पानी नफेको अनुभव गर्नुभएको छ?	No (छैन) ...0	
I1.2 Have you heard of Frequent observations of extreme temperatures? तपाईंले बारम्बार गलत समयमा तापक्रम, धेरै घटबड भएको घटनाबारे बारेमा सुनुभएको छ?	Yes (छ) ...1 No (छैन) ...0	If 0 go to next impact यदि 0 भए अर्को प्रभावमा जानुहोस्
I1.2a Have you ever experienced Frequent observations of extreme temperatures? तपाईंले बारम्बार गलत समयमा तापक्रम धेरै घटबड भएको अनुभव गर्नुभएको छ?	Yes (छ) ...1 No (छैन) ...0	
I1.3 Have you heard of Shift in crop planting dates? तपाईंले बाली रोप्ने समय अगाडी-पछाडी सरेको बारेमा सुनुभएको छ?	Yes (छ) ...1 No (छैन) ...0	If 0 go to next impact यदि 0 भए अर्को प्रभावमा जानुहोस्
I1.3a Have you ever experienced Shift in crop planting dates? तपाईंले कहिल्यै बाली रोप्ने समय अगाडी-पछाडी सरेको अनुभव गर्नुभएको छ?	Yes (छ) ...1 No (छैन) ...0	
I1.4 Have you heard of Changes in crop rotation? तपाईंले आलोपालो मिलाएर बाली रोप्ने बारे सुनुभएको छ?	Yes (छ) ...1 No (छैन) ...0	If 0 go to next impact यदि 0 भए अर्को प्रभावमा जानुहोस्
I1.4a Have you ever experienced Changes in crop rotation? तपाईंले कहिल्यै आलोपालो मिलाएर बाली रोप्ने गर्नुभएको छ?	Yes (छ) ...1 No (छैन) ...0	
I1.5 Have you heard of Unforeseen incidence of pest and diseases over the last 5 years? तपाईंले पछिल्लो ५ वर्षमा पहिला कहिल्यै नसोचेको, नदेखेको कीरा र रोगहरूको बारेमा सुनु भएको छ?	Yes (छ) ...1 No (छैन) ...0	If 0 go to next impact यदि 0 भए अर्को प्रभावमा जानुहोस्
I1.5a Have you ever experienced Unforeseen incidence of pest and diseases over the last 5 years?	Yes (छ) ...1 No (छैन) ...0	

तपाईंले विगत ५ वर्षमा पहिला कहिल्यै नसोचेको, नदेखेको कीरा र रोगहरूको अनुभव गर्नुभएको छ?		
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I.2 Adoption of climate change adaptation / resilience strategies

जलवायु परिवर्तन अनुकूलन / रणनीतिहरू को अवलम्बन

Questions प्रश्नहरू	Options विकल्पहरू	Remarks टिप्पणीहरू
<p>I2.1 Have you visited government and non-government offices to get information on the impacts of climate change and mitigation/adaptation measures?</p> <p>तपाईंले जलवायु परिवर्तनको प्रभाव र त्यसको न्यूनीकरण/अनुकूलनका उपायहरू बारे जानकारी लिन सरकारी र गैरसरकारी कार्यालयहरूमा जानुभएको छ?</p>	<p>Yes (छ)</p> <p>...1</p> <p>No (छैन)</p> <p>...0</p>	
<p>I2.2 Have you already started adopting climate change adaptation initiatives in the locality (e.g., community forest, agroforestry)?</p> <p>तपाईंले जलवायु परिवर्तनको प्रभाव र त्यसको न्यूनीकरण/अनुकूलनका उपायहरू स्थानीय स्तरमा (जस्तै: सामुदायिक वन, कृषि-वन) अपनाउन थालिसक्नुभएको छ?</p>	<p>Yes (छ)</p> <p>...1</p> <p>No (छैन)</p> <p>...0</p>	
<p>I2.3 Have you ever participated in climate change adaptation initiatives?</p> <p>तपाईंले कहिल्यै जलवायु परिवर्तनको प्रभाव र त्यसको न्यूनीकरण/अनुकूलनका, पहल/कामहरूमा भाग लिनुभएको छ?</p>	<p>Yes (छ)</p> <p>...1</p> <p>No (छैन)</p> <p>...0</p>	
<p>I2.4 Have you attended training and awareness programs relating to climate change and climate change adaptation/mitigation?</p> <p>तपाईंले जलवायु परिवर्तन र जलवायु परिवर्तनको प्रभाव र त्यसको न्यूनीकरण/अनुकूलनक सम्बन्धी तालिम र सचेतना कार्यक्रमहरूमा भाग लिनुभएको छ?</p>	<p>Yes (छ)</p> <p>...1</p> <p>No (छैन)</p> <p>...0</p>	
<p>I2.5 Have you received financial or in-kind support to reduce the effects of climate change (e.g., insurance, subsidy, employment)?</p>	<p>Yes (छ)</p> <p>...1</p> <p>No (छैन)</p> <p>...0</p>	

तपाईंले जलवायु परिवर्तनका प्रभावहरू कम गर्न आर्थिक वा अन्य सहयोग (जस्तै: बीमा, अनुदान, रोजगारी) प्राप्त गर्नुभएको छ?		
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J. Access to improved technology

उन्नत प्रविधिमा पहुँच

J.1 Access to technology

प्रविधिमा पहुँच

Questions प्रश्नहरू	Options विकल्पहरू	Remarks टिप्पणीहरू
J1.1a Have you heard of digital technology intended for financial management (mobile wallets or banking)? तपाईंले हिसाबकिताब मिलाउनकोलागि प्रयोग हुने डिजिटल प्रविधिको बारेमा सुन्नु भएको छ ? (मोबाईल वालेट वा मोबाईल बैंकिङ)	Yes ...1 छ ... १ No ...0 छैन ... ०	If 0 go next technology यदी ० हो भने अर्को प्रविधिमा जानुहोस्
J1.1b Have you seen digital technology intended for financial management (mobile wallets or banking)? तपाईंले हिसाबकिताब मिलाउनकोलागि प्रयोग हुने डिजिटल प्रविधि देख्नुभएको छ ? (मोबाईल वालेट वा मोबाईल बैंकिङ)	Yes ...1 छ ... १ No ...0 छैन ... ०	
J1.1c Have you ever used digital technology intended for financial management (mobile wallets or banking)? तपाईंले हिसाबकिताब मिलाउनकोलागि प्रयोग हुने डिजिटल प्रविधिको प्रयोग गर्नुभएको छ? (मोबाईल वालेट वा मोबाईल बैंकिङ)	Yes ...1 छ ... १ No ...0 छैन ... ०	
J1.2a Have you heard of digital platform for finding market information (e.g., input and output prices)? तपाईंले बजारको जानकारी दिने डिजिटल माध्यमको बारेमा सुन्नु भएको छ? (खरिद मुल्य र बिक्री मुल्य)	Yes ...1 छ ... १ No ...0 छैन ... ०	If 0 go next technology यदी ० हो भने अर्को प्रविधिमा जानुहोस्
J1.2b Have you seen digital platform for finding market information (e.g., input and output prices)? तपाईंले बजारको जानकारी दिने डिजिटल माध्यम देख्नु भएको छ ?(खरिद मुल्य र बिक्री मुल्य)	Yes ...1 छ ... १ No ...0 छैन ... ०	

<p>J1.2c Have you ever used digital platform for finding market information (e.g., input and output prices)?</p> <p>तपाईंले बजारको जानकारी दिने डिजिटल माध्यमको प्रयोग गर्नुभएको छ? (खरिद मुल्य र बिक्री मुल्य)</p>	<p>Yes ...1</p> <p>छ ... १</p> <p>No ...0</p> <p>छैन ... ०</p>	
<p>J1.3.1a Have you heard of Improved seeds/seedlings technologies to produce vegetables/legumes/wintergreen?</p> <p>तपाईंलेले तरकारी/ दाल गेडागुडी बालीको उन्नत बीउबीजन उत्पादन प्रविधिको बारेमा सुनुभएको छ?</p>	<p>Yes ...1</p> <p>छ ... १</p> <p>No ...0</p> <p>छैन ... ०</p>	<p>If 0 go next technology</p> <p>यदी ० हो भने अर्को प्रविधिमा जानुहोस्</p>
<p>J1.3.1b Have you seen Improved seeds/seedlings technologies to produce vegetables/legumes/wintergreen?</p> <p>तपाईंलेले तरकारी/ दाल गेडागुडी बालीको उन्नत बीउबीजन उत्पादन प्रविधि देख्नुभएको छ?</p>	<p>Yes ...1</p> <p>छ ... १</p> <p>No ...0</p> <p>छैन ... ०</p>	
<p>J1.3.1c Have you ever used Improved seeds/seedlings technologies to produce vegetables/legumes/wintergreen?</p> <p>तपाईंलेले तरकारी/ दाल गेडागुडी बालीको उन्नत बीउबीजन उत्पादन प्रविधि प्रयोग गर्नुभएको छ?</p>	<p>Yes ...1</p> <p>छ ... १</p> <p>No ...0</p> <p>छैन ... ०</p>	
<p>J1.3.2a Have you heard of Farm machineries for seeding, planting seedlings, harvesting, etc. technologies to produce vegetables/legumes/wintergreen?</p> <p>तपाईंले तरकारी/ दाल गेडागुडी बालीको खेती, गोडमेल आदी कामको लागि प्रयोग हुने मेसीन-यन्त्रहरूको बारेमा सुनु भएको छ?</p>	<p>Yes ...1</p> <p>छ ... १</p> <p>No ...0</p> <p>छैन ... ०</p>	<p>If 0 go next technology</p> <p>यदी ० हो भने अर्को प्रविधिमा जानुहोस्</p>
<p>J1.3.2b Have you seen Farm machineries for seeding, planting seedlings, harvesting, etc. technologies to produce vegetables/legumes/wintergreen?</p> <p>तपाईंले तरकारी/ दाल गेडागुडी बालीको खेती, गोडमेल आदी कामको लागि प्रयोगहुने मेसीन-यन्त्रहरू देख्नु भएको छ?</p>	<p>Yes ...1</p> <p>छ ... १</p> <p>No ...0</p> <p>छैन ... ०</p>	
<p>J1.3.2c Have you ever used Farm machineries for seeding, planting seedlings, harvesting, etc. technologies to produce vegetables/legumes/wintergreen?</p> <p>तपाईंले तरकारी/ दाल गेडागुडी बालीको खेती, गोडमेल आदी कामको लागि प्रयोगहुने मेसीन-यन्त्रहरूको प्रयोग गर्नुभएको छ?</p>	<p>Yes ...1</p> <p>छ ... १</p> <p>No ...0</p> <p>छैन ... ०</p>	

J1.3.3a Have you heard of Drip irrigation technologies to produce vegetables/legumes/wintergreen? तपाईंले तरकारी/ दाल गेडागुडी बालीको खेतीमा थोपा सीचाइको प्रयोगको बारेमा सुन्नु भएको छ?	Yes ...1 छ ... १ No ...0 छैन ... ०	If 0 go next technology यदी ० हो भने अर्को प्रविधीमा जानुहोस्
J1.3.3b Have you seen Drip irrigation technologies to produce vegetables/legumes/wintergreen? तपाईंले तरकारी/ दाल गेडागुडी बालीको खेतीमा थोपा सीचाइको प्रयोग भएको देख्नुभएको छ?	Yes ...1 छ ... १ No ...0 छैन ... ०	
J1.3.3c Have you ever used Drip irrigation technologies to produce vegetables/legumes/wintergreen? तपाईंले तरकारी/ दाल गेडागुडी बालीको खेतीमा थोपा सीचाइको प्रयोग गर्नुभएको छ?	Yes ...1 छ ... १ No ...0 छैन ... ०	
J1.4. How do you carry out financial transactions while buying farm inputs or selling outputs? तपाईंले कृषि सम्बन्धी कारोबार के माध्यबाट गर्नुहुन्छ?	Cash ...1 नगद ... १ Cheque ...2 चेक ... २ Mobile Banking ...3 मोबाईल बैंकइ ... ३ Bank transfer ...4 बैंक ट्रान्सफर ... ४ Others ...97 अन्य ... ९७	If 9 go to J1.4.1 यदी ९ हो भने J1.4.1 मा जानुहोस्
J1.4.1 Other specify अन्य खुलाउनुहोस्		
J1.5 Have you received any training on the usage of mobile app-based technology? तपाईंले मोबाईल एप प्रयोग गर्न कुनै तालिम लिनुभएको छ?	Yes ...1 छ ... १ No ...0 छैन ... ०	

J.2 Access to smartphones

स्मार्टफोनमा पहुँच

Questions प्रश्नहरू	Options विकल्पहरू	Remarks टिप्पणीहरू
J2.1 Do you have a phone? तपाईंसँग फोन छ ?	Yes ...1 छ ... १ No ...0 छैन ... ०	If 1 go to J2.2 and J2.3 यदी १ भए J2.2 र जानुहोस् J2.3
J2.2 If yes, what kind of phone is it? यदी छ भने कस्तो प्रकारको छ ?	Basic ...1 सामान्य ... १ Smart ...2 स्मार्ट फोन ... २	
J2.3 What is the average amount spent for a mobile phone in a month [Rs] एक महिनामा, फोनमा औसत कति रुपैया खर्च गर्नुहुन्छ?		
J2.4 Does anyone in the family own a smartphone? तपाईंको परिवारमा कसैसँग स्मार्ट फोन छ ?	Yes ...1 छ ... १ No ...0 छैन ... ०	If 1 go to J2.5 and J2.6 यदी १ भए J2.5 र J2.6 जानुहोस्
J2.5 Do you have access to a smart phone within family? तपाईंको परिवार भित्र भएको स्मार्ट फोन, तपाईंले चलाउन पाउनु हुन्छ?	Yes ...1 पाउछु ...1 No ...0 पाउदिन ...0	
J2.6 How long have you or your family owned a smartphone? In months. तपाईं वा तपाईंको परिवारले स्मार्ट फोन प्रयोग गर्नुभएको कति समय भयो? (महिनामा)		Show only 1 in J2.5 or 2 in J2.2 J2.5 मा १ वा J2.2 मा २ भए मात्रा देखौनुहोस्
J2.7. Why did you select the existing mobile network provider? (<i>Select all relevant options</i>) तपाईंले हाल चलाइरहनु भएको सिम/नेटवर्क कम्पनी नै किन रोज्नु भयो? (उपयुक्त जवाफहरू रोज्नुहोला)	Reliable network quality ...1 भरपर्दो नेटवर्क ... १ Cheaper ...2 सस्तो भएर ... २ Only the selected provider available ...3 अरु विकल्प नभएर ... ३	If 97 go to J2.7.1 यदी ९७ भए J2.7.1 मा जानुहोस्

	<p>Family and/or friends use the same provider ...4</p> <p>परिवार वा साथीले चलाउने भएर ... ४</p> <p>Other ...97</p> <p>अन्य ... ९७</p>	
<p>J2.7.1 Other specify</p> <p>अन्य खुलाउनुहोस्</p>		
<p>J2.8 Do you have an internet connection?</p> <p>तपाईंसँग ईन्टरनेट सुबिधा छ ?</p>	<p>Yes ...1</p> <p>छ ... १</p> <p>No ...0</p> <p>छैन ... ०</p>	<p>If 1 go to J2.9</p> <p>यदी १ भए J2.9 मा जानुहोस्</p>
<p>J2.9 What is your main source of internet connection?</p> <p>तपाईंको ईन्टरनेटको मुख्य स्रोत के हो?</p>	<p>Broadband/Wi-Fi ...1</p> <p>ब्रोडब्यान्ड वा वाइफाई ... १</p> <p>Mobile data ...2</p> <p>मोबाईल डाटा ... २</p> <p>Other ...97</p> <p>अन्य ... ९७</p>	<p>If 97 go to J2.9.1</p> <p>यदी ९७ भए J2.9.1 मा जानुहोस्</p>
<p>J2.9.1 Other specify</p> <p>अन्य खुलाउनुहोस्</p>		
<p>J2.10 Is the quality of the network good enough for mobile or smart phone applications?</p> <p>ईन्टरनेटको क्वालिटी/स्पीड, मोबाईल एपहरू प्रयोग गर्न पर्याप्त हुन्छ?</p>	<p>Yes ...1</p> <p>हुन्छ ... १</p> <p>No ...0</p> <p>हुँदैन ... ०</p>	
<p>J2.11 Where do you get a good mobile network?</p> <p>राम्रो क्वालिटी/स्पीडको ईन्टरनेट प्रयोग गर्न कता जानुपर्छ?</p> <p>(Select multiple options if available at all locations)</p> <p>(एक भन्दा धेरै जवाफ भए छनोट गर्नुहोस्)</p>	<p>Right at my home/farm ...1\</p> <p>घरमै छ... १</p> <p>Walking distance of 5- 15 mins2</p> <p>हिंडेर ५ देखी १५ मिनेट ... २</p> <p>Walking distance of 30-60 mins3</p> <p>हिंडेर ३० देखी ६० मिनेट ... ३</p>	

	<p>More than 1 hour ...4</p> <p>१ घण्टा भन्दा धेरै हिंडेर ... ४</p>	
<p>J2.12. What are the tasks you do with using a mobile phone? (<i>Select all that apply</i>)</p> <p>तपाईं मोबाईल के के कामको लागि प्रयोग गर्नुहुन्छ? (मिलेका सबै जवाफ छनोट गर्नुहोस्।)</p>	<p>Make a phone call ...1</p> <p>फोन गर्न ... १</p> <p>Send a message ...2</p> <p>मेसेज पठाउन... २</p> <p>Read the news ...3</p> <p>समाचार पढ्न... ३</p> <p>Watch videos ...4</p> <p>भिडियो हेर्न ... ४</p> <p>Listen to Music ...5</p> <p>गीत सुन्न ... ५</p> <p>Social Media (Facebook, You-Tube) ...6</p> <p>सामाजिक सन्जाल चलाउन Facebook, You-Tube) ... ६</p> <p>Do calculations ...7</p> <p>हिसाब गर्न ... ७</p> <p>Others ...97</p> <p>अन्य... ९७</p>	<p>If 97 go to J2.12.1</p>
<p>J2.12.1 Other Specify</p> <p>अन्य खुलाउनुहोस्</p>		
<p>J2.13 How do mobile phones help you obtain information on farming practices and markets?</p> <p>(<i>Select one or multiple options</i>)</p> <p>मोबाईलको प्रयोगबाट तपाईंलाई कृषि र बजारका बारेमा सुचना पाउन कसरी मद्दत हुन्छ ?(एक वा बढी छनोट गर्नुहोस्)</p>	<p>Timely information ...1</p> <p>समयमा जानकारी पाएर ... १</p> <p>Increase market access ...2</p> <p>बजारमा पहुच पुगेर ... २</p> <p>Better prices for products increase yield ...3</p> <p>बस्तुको राम्रो मुल्य पाएर ... ३</p> <p>Adopt good agricultural practices ...4</p>	<p>If 97 go to J2.13.1</p> <p>यदी ९७ भए J2.13.1 मा जानुहोस्</p>

	राम्रा कृषि अभ्यास अपनाए ... ४ Others ...97 अन्य ... ९७	
J2.13.1 Other specify अन्य खुलाउनुहोस्		
J2.14 How much time do you spend in average in using your mobile phone on a daily basis? Inscribe number in minutes. दैनिक मोबाईल फोन कति मिनेट प्रयोग गर्नुहुन्छ?		
J2.15 Have you used any app specific to agriculture? तपाईंले कृषि सम्बन्धित कुनै एप प्रयोग गर्नुभएको छ?	Yes ...1 छ ... १ No ...0 छैन ... ०	
J2.16 What are the constraints in using agriculture information Apps? (<i>Select one or multiple options</i>) तपाईंले कृषि सम्बन्धित एप चलाउँदा के-कस्ता समस्याको सामना गर्नुभयो? (एक वा एक भन्दा बढी छनोट गर्नुहोस्)	Unwillingness ...1 मन नलाम्ने ... १ No access to a suitable phone ...2 उपयुक्त फोन नभएकोले ... २ Lack of money to top up the phone ...3 मोबाईल टपअप/रिचार्ज गर्ने पैसाको कमीले ... ३ Lack of knowledge about Apps usage ...4 एपको प्रयोग सम्बन्धी जानकारी नभएकोले ... ४ Unable to read and text messages ...5 पढ्न र लेख्न नसकेकोले ... ५ Lack of appropriate App ...6 उपयुक्त एप नभएर ... ६ Poor internet connection ...7	If 97 go to J2.16.1 यदी ९७ भए J2.16.1 मा जानुहोस्

	गुणस्तरीय ईन्टरनेट नभएर ... ७ Others ...97 अन्य ... ९७				
J2.16.1 Other Specify अन्य खुलाउनुहोस्					
J2.17 Do you intend to use agriculture information apps in the future? भविष्यमा, कृषि सम्बन्धी एप प्रयोग गर्ने सोच छ?	Yes ...1 छ ... १ No ...0 छैन ... ०				
J2.18 Are you willing to receive training on the use of agriculture information apps in the future? कृषि सम्बन्धी एप प्रयोग गर्न सिकाउने तालिम लिन इच्छुक हुनुहुन्छ?	Yes ...1 छु ... १ No ...0 छैन ... ०				
J2.19 Do you perceive mobile phones as useful in obtaining information? तपाइलाइ सुचना पाउन मोबाईल फोन एउटा सहि माध्यम हो जस्तो लाग्छ?	Yes ...1 लाग्छ ... १ No ...0 लाग्दैन... ०				
J2.20 Do you agree “quality internet services will improve productivity in your enterprise?” राम्रो ईन्टरनेटको पहुचले तपाईंको ब्यापार बढ्छ भन्ने लाग्छ ?	Yes ...1 लाग्छ ... १ No ...0 लाग्दैन... ०				
J2.21 Do you agree with the following statements? Tick one for each statement. तल दिएका कुरासँग तपाईं कतिको सहमत हुनुहुन्छ? एउटा तर्कको लागि एउटा जवाफको छनोट गर्नुहोस् ।	Strongly Agree ...5 एकदमै सहमत छु... ५	Agree ...4 सहमत छु ... ४	Neutral ...3 टठस्त (न सहमत न असहमत) ... ३	Disagree ...2 असहमत छु ... २	Strongly Disagree ...1 एकदमै असहमत छु ... १
J2.21.1 In the future, I intend to use or continue using agricultural information apps.					

म भविष्यमा पनि कृषि सम्बन्धी एप प्रयोग गरिरहने छु वा गर्ने सोचमा छु।					
J2.21.2 I will try to utilize agriculture information apps that provide me with useful information in my daily life म काम लाग्दो जानकारी दिने कृषि सम्बन्धी एप दैनिक रूपमा प्रयोग गर्ने कोशीश गर्नेछु ।					
J2.21.3 I will utilize agriculture information apps frequently. म कृषि सम्बन्धी एप चलाई रहनेछु ।					
J2.21.4 People whose opinions are important to me would want me to use agriculture information apps. मलाई सल्लह सुझाव दिने ब्यक्तीहरु, मैले कृषि सम्बन्धी एप प्रयोग गरोस भन्ने चाहन्छन ।					
J2.21.5 Agriculture advice received through mobile phones is useful. मोबाईलको माध्यमबाट पाइने कृषि जानकारी उपयोगी छन ।					
J2.21.6 Using mobile phone apps help in increasing my productivity. मोबाईल एपको प्रयोगले मेरो उब्जनी बढाउन मद्दत गर्छ ।					
J2.21.7 Generally, it is easy for me to learn to use mobile phone apps सामान्यतया, मोबाईल एप चलाउन/सिक्न मलाई सजिलो नै लाग्छ ।					

K. Impact of COVID-19 pandemic

COVID-19 महामारीको प्रभाव।

Questions (प्रश्नहरू)	Options(विकल्पहरू)	Remarks (टिप्पणीहरू)
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<p>K1. Did you or members of your family infected by COVID-19?</p> <p>तपाईं वा तपाईंका परिवारका सदस्यहरू COVID-19 बाट सङ्क्रमित हुनुभयो ?</p>	<p>Yes ...1</p> <p>हुनुभयो1</p> <p>No ...0</p> <p>हुनुभएन...0</p>		
<p>K2. Did the COVID-19 pandemic affect your farm enterprises? (Vegetable farming and marketing, legume production and marketing)</p> <p>COVID-19 महामारीले तपाईंको कृषि ब्यबसायलाई (तरकारी खेती तथा बजारीकरण, गेडागुडी उत्पादन तथा बजारीकरण) असर गर्यो?</p>	<p>Yes ...1</p> <p>गन्थो.....1</p> <p>No ...0</p> <p>गेरेन...0</p>	<p>If 0 go to K5</p> <p>यदि 0 भए K5 मा जानुहोस्</p>	
<p>K3. What did you do with your vegetable production/legume production/running enterprise since the pandemic? (Select one or multiple options).</p> <p>तपाईंले आफ्नो तरकारी उत्पादन / दाल गेडागुडी उत्पादन /चलिरहेको ब्यबसाय, COVID-19 को माहामारि फैलिए देखि के गर्नुभयो ?(एक वा धेरै विकल्पहरू चयन गर्नुहोस्)।</p>	<p>Completely stopped production /closed enterprise</p> <p>उत्पादन पूर्ण रूपमा बन्द/ ब्यबसाय बन्द) ...1</p> <p>Halt production during lockdown and resumed afterwards (लकडाउनमा उत्पादन रोकेपछि पुनः सुचारु गरियो) ...2</p> <p>Downscaled production/enterprise</p> <p>(ब्यबसाय/उत्पादन घटाइएको)...3</p> <p>Ran as usual</p> <p>(सधैं जस्तै चल्यो) ...4</p> <p>Expanded production/enterprise (उत्पादन/ ब्यबसाय बढाए) ...5</p>		
<p>K4. Have your farm businesses been impacted by COVID-19? (Select one option)</p> <p>तपाईंको खेती व्यवसाय COVID-19 द्वारा प्रभावित भएको छ?(एउटा विकल्प छान्नुहोस्)</p>	<p>Constant ...0</p> <p>(प्रभावित छैन)</p>	<p>Increased ...1</p> <p>(बढेको)</p>	<p>Decreased ...-1</p> <p>(घट्यो)</p>
<p>K4.1 Labour supply (काम गर्ने मान्छे पाउने अबस्था)</p>			

K4.2 Availability of agri-inputs (कृषि सामग्रीको उपलब्धता)			
K4.3 Market access (बजारसम्म पुग्न सक्ने अवस्था)			
K4.4 Household work (घरायसी काम)			
K4.5 Farm production (कृषि उत्पादन)			
K4.6 Farm profit (खेती व्यवसायबाट नाफा)			
<p>K5.1 What was the impact on MALE workload for distribution in the following activities during COVID-19?</p> <p>COVID-19 को समयमा निम्न कामहरूमा पुरुषको जिम्मेवारी कस्तो रह्यो?</p>	<p>Constant ...0 (स्थिर)</p>	<p>Increased ...1 (बढेको)</p>	<p>Decreased ...-1 (घट्यो)</p>
K5.1a Housework (घरायसी काम)			
K5.1b Children care (बालबालिकाको हेरचाह)			
K5.1c Land preparation (जग्गा जमिन खनजोत)			
K5.1d Intercropping (weeding, planting) (बाली रोप्ने, गोडमेल गर्ने)			
K5.1e Harvesting of farm produce (बाली काट्ने, भित्र्याउने)			
K5.1f Marketing of farm produce (कृषि उत्पादनको मार्केटिङ /बजारिकरण)			
<p>K5.2 What was the impact on FEMALE workload for distribution in the following activities during COVID-19?</p> <p>COVID-19 को समयमा निम्न कामहरूमा महिलाको जिम्मेवारी कस्तो रह्यो?</p>	<p>Constant ...0 (स्थिर)</p>	<p>Increased ...1 (बढेको)</p>	<p>Decreased ...-1 (घट्यो)</p>
K5.2a Housework (घरायसी काम)			
K5.2b Children care (बालबालिकाको हेरचाह)			
K5.2c Land preparation (जग्गा जमिन खनजोत)			

K5.2d Intercropping (weeding, planting) (बाली रोप्ने, गोडमेल गर्ने)			
K5.2e Harvesting of farm produce (बाली काट्ने, भित्र्याउने)			
K5.2f Marketing of farm produce (कृषि उत्पादनको मार्केटिङ / बजारिकरण)			
<p>K6. List all types of support received to mitigate the effects of COVID-19, if any:</p> <p>COVID-19 को प्रभावहरू कम गर्न प्राप्त भएका सबै प्रकारका सहयोगहरू छान्नुहोस्</p>	<p>Quick relief राहत...1</p> <p>Seeds/fertilizers बीउ/मल ...2</p> <p>Soft loan सजिलो ऋण...3</p> <p>Interest rebate ब्याजमा छूट...4</p> <p>Loan restructuring ऋण पुनर्संरचना ...5</p> <p>Input supply – plastic tunnels, tools प्लास्टिक टनेल, उपकरण ...6</p> <p>Technical services प्राविधिक सेवाहरू...7</p> <p>Government, projects सरकार, परियोजनाहरूबाट सहयोग...8</p> <p>Cooperatives सहकारीहरूबाट सहयोग...9</p> <p>Others अन्य...97</p> <p>Not at all ...0</p> <p>केहि पनि पाएन...0</p>	<p>If 97 go to K6.1(यदि 97 हो भने K6.1 मा जानुहोस्)</p>	
K6.1 Other Specify अन्य खुलाउनुहोस्			
End note (IF ANY)			

तपाइलाइ अरु केहि भन्नु छ ?		
GPS (जीपीएस)		
<p>Thank you for your participation in the interview</p> <p>अन्तर्वार्तामा तपाईंको सहभागिताको लागि धन्यवाद।</p>		