Executive Summary

The impact study has been conducted following the standard practice to best meet the objectives and scope of the works. This study has been carried out to determine the impact observed in project area after implementation of the IWRMP. The main objectives of this study was to assess the impact outcomes of the project on target group farmers for sustainable agriculture development through irrigation system; evaluate the project regarding production and productivity of crops, social benefit from agriculture production, the social impact and existing institutional arrangement. Similarly, this study asserts on the recommendation to improve the present situation of the project area and the lesson learned for the future project to conduct similar kind of intervention.

Various documents and reports were reviewed during the study like Baseline Study report, Project appraisal document, Detail feasibility study report and present status of project activities. Consultant has used various tool and techniques to assess the impact study, and fulfill the objective set. Tools used during the study were field observation, sample household survey using pre-structured questionnaire, focused group discussion and key informant interviews. Both qualitative and quantitative data has been collected and analyzed to assess the impact of project

The impact study of project socio economic aspect, agricultural aspect, organizational arrangement aspect, water allocation and distribution, adequacy of support services for project enhancement, impacts of subproject, Farmers perception and satisfaction towards the project, the sustainability aspect and impact evaluation based on project before and after situation.

Respondents for interviews were in such a selected that they represent all reaches of the command area i.e. head, middle and tail. In average there are 18.73 % respondents from head 65.27% of respondents from middle, and 16% from tail end of command area. The average male respondents are 60.19% and rest 39.81% are female respondents. The average age selection of respondents belongs to (15-60) 888 hh and above 60 is 212 hh.

The average family size of the beneficiaries of the system is 5.25 persons. In head this is 5 members, middle location has 5.33 and in tail it is 5.23 members (Fig-8).

The female male ratio in system is 1:1.03, in head it is 1: 0.98, in middle it is 1:1 and in tail it is 1: 1.04. Ethnically, the population is composed of 35 Dalit, 23% Janjati, 20%, Adibashi, 52% Brahmin and Chhetri and 2 percent others..

Among the respondents 25% were illiterate and among the literate respondents 29% percent were just literate, 9 percent had primary level of education, 14.09 percent had lower secondary, 13.18 percent had secondary and 2.2 percent had higher education and above.

The annual household income is increased by NRs 40,000 i.e. from NRs 60,000 to NRs 100,000. The average increment in head is about NRs 50,000, in middle it is NRs 30,000 and in tail it is NRs 20,000. Highest increment at head portion might be due to adequate and assured availability of irrigation water as compared to other parts of the irrigation scheme. In other words higher increment in income can be obtained if and only if adequate and assured irrigation water is made available

Agriculture as the primary source of income is decreased by 11 number nearly by 11% in total but in the case of tail it is increased by 1.70% compared to before status, this is due to the improvement in water availability.

The average members involved in agriculture is 3.28 people per house hold with the average family size of 5.25 persons i.e. nearly 62.48% of the population are engaged in agriculture. Percentile distribution of the involved members indicates that of the total 52.12 are female.

The average farm size is 0.52 ha which is lower the national average of 0.66 ha. Average farm size is same in mid and tail having 0.69ha above the national level average.

The practice of land leasing out or in with different system of rent i.e. either crop sharing or with fixed annual amount of use is decreasing in head and middle location but it is increased in tail location by 7%.

Food sufficiency was reported to have increased after project intervention. In the case of tail 100 % of respondent have sufficient status whereas before 0.91% had deficit. In the case of middle still 3 HH are reporting insufficient whereas before they were 13 HH.

Marketing of the agricultural product sales is reported by 60.45% of households after project, before this was only 48.27%. All product mainly paddy, wheat, maize, potato and vegetables are the major traded crops.

WUA have document related to registration of WUA. Well established office building, minute of meetings regularity, collection of water fee bills and vouchers and have annual operation plan. In this situation sustainability, transparency and functionality of WUA and irrigation scheme is positive. However, periodic supervision and monitoring and assistance during emergencies will give assured sustainability of the system.

All beneficiaries have participated either through cash or labor contribution for rehabilitation/development of irrigation scheme. An average cash and labor contribution per household is NRs 432 during construction period and for operation it is NRs 503. In the same way labor contribution during construction was 5 days and in operation it is 3 days.

Out of 1100 samples 15 % are member of WUA working committee. Only 13 percent households in irrigation schemes are reported to have memberships in the farmer groups and majority of households (87%) are not in the farmer groups.

Farmers have grown several varieties of crops especially in paddy, wheat, maize, potato and vegetables. Since the irrigation command areas lie near Indian border, the farmers have access to Indian hybrid crop varieties also.

To evaluate the project interventions status, cash expenses on various items are analyzed. Input items indicate improvement at all level, like expenses on seed increased by NRs 500, fertilizer by NRs 100, no change in use of pesticides remaining constant at Nrs 500. The CI has increased from 206 to 267 i.e. 29.61 percent increase after the project.

One of the major indicators of performance measurement is increment in yield of intervened crops. Yield of all crops is increased. Yield of paddy is increased by 37.14% i.e. 1.3 m ton per ha. Similarly yield of wheat is increased by 300 kg per ha. In case of maize it is increased by 500kg and potato by 1100kg.

Regular monitoring of the project area should be carried out from concerned Irrigation development office.

Abbreviations

AF	Additional Financing
ASC	Agriculture service center
CA	Command Area
DADO	District Agriculture Development Office
DAP	Di-Ammonium Phosphate
DOI	Department of Irrigation
DoI	Department of Irrigation
EWDR	Eastern Development Region
FGD	Focus group Discussion
FMIS	Farmer's managed Irrigation Schemes
Ha	Hectare
HH	Household
IDDO	Irrigation Development Division Office
IWRMP	Irrigation and Water Resource Management Project
Kg	Kilogram
KII	Key Informant Interview
M&E	Monitoring and Evaluation
MT	Metric ton
O & M	Operation and Maintenance
OPD	Office of Project Director
OS	Original Scope
SDG	Sustainable Development Goal
TA	Technical Assistance
TOR	Terms of Reference
WB	World Bank
WUA	Water Users' Association
WUG	Water Users' Group

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1. Chapter: Background

1.1. Introduction

Irrigation & Water Resources Management Project (IWRMP) is being implemented by the Department of Irrigation (DOI), Government of Nepal. The project is funded by World Bank (WB), the Government of Nepal and contribution from the Water Users' Association (WUA). The objectives of the project are to: (i) improve irrigation service delivery; and (ii) enhance sustainability and productivity of selected irrigation systems in Nepal. The realization of these objectives are measured by: (1) improvement in indicators of irrigation service delivery; (2) greater collection and more effective use of water charges by WUAs; and (3) increase in farm income through improvements in crop yield, cropping intensity and diversification into higher value crops.

The project was designed with four implementation components:

- Component A: Irrigation Infrastructure Development and Improvement
- Component B: Irrigation Management Transfer
- Component C: Institution and Policy Support for Improved Water Management
- Component D: Integrated Crop and Water Management

1.2. Objectives of Irrigation Management Transfer (Component B)

The overall objective of Component B of IWRMP is to improve irrigation service performance and service delivery to selected irrigation systems in the Terai through the completion and consolidation of Irrigation Management Transfer (IMT) to the relevant Water Users Association (WUAs). The component is designed to handover irrigation systems (Partly) to concerned WUA for its operation and Maintenance (O&M) with best utilization of water and other resources including water service fees.

1.3. Subprojects under Irrigation Management Transfer

IWRMP Component B is presently working with seven legally empowered WUAs which are (or are intended to be) responsible for the operation and maintenance of seven existing subsystems within four (4) AMISs. Among them, four of the sub-systems (Kankai Irrigation System, Sitagunj Branch of Sunsari Morang Irrigation System, Block-8 of Narayani Irrigation System and Phase-I of Mahakali Irrigation system) were initiated in the original scope (June 2008-June 2016) of the IWRMP and are at the stage of almost completion of the infrastructure development component while the other components like institutional development and water management is being carried over the IWRMP-AF period or and

will be continued till June 2018. These subsystems cover 22,668 ha of the irrigation command area and serve about 37000 households.

Figure 1Sub- Project Location Map

The summary of the sub-project (Kankai Irrigation System) selected for the impact study is as tabulated in Table 1

Table 1Component B Irrigation Systems/sub-systems

Irrigation System	Sub Project	Command Area, ha	No. of WUAs	Beneficial Household (No.)
Kankai Irrigation System (KIS)	Entire System	7,000	1	11,000

1.4 Major Activities under IWRMP

- Completion/consolidation of the Management Transfer Plan, including strengthening of WUAs;
- Essential canal structural improvements;

- Capacity building of WUAs regarding preparation and implementation of canal operational plan and assets management plan for efficient use of water and other resources.
- Enhancement of WUA and farmers with implementation of various agriculture activities including use of farm machinery and modern agriculture farming practices.

1.5 Expected Primary Outputs of Irrigation Management Transfer

- Efficient and equitable service delivery through financially and institutionally sustainable WUAs;
- Improved physical performance of the irrigation schemes;
- Reliable bulk water delivery by the DOI, according to the IMT Agreement with the respective WUAs.

1.6 Indicators of Achievements

The Project Appraisal Document (PAD) provides following major indicators for monitoring and evaluation of the achievements of "Outcomes" of Irrigation Management Transfer subprojects:

- Increasing the productivity of selected main crops (Paddy, Wheat, Maize and Potato) as compared with the baseline productivity.
- Percentage increase in the cropping intensity as compared to the baseline.
- Percentage of water user satisfied with WUA
- Area provided with irrigation and drainage services
- Percent of tail-enders reporting improved water availability.
- Collection of water charges in percentage of required O&M (as agreed in AMPs).
- Percent of delivery points receiving proportionate share of water.
- Adequate O&M expenditures by DOI and WUA according to agreed Asset Management Plans (AMP)
- Percentage of farmers in the schemes adopting demonstrated agriculture techniques.
- Increase in seed replacement rate as compared to the baseline.

1.7 Rationale for Impact Evaluation of Sub Project under Management Transfer

IWRMP facilitates to improve irrigation service and its accessibility to most deserved group of people and to enhance the sustainability and productivity of the irrigation sector subprojects. It also includes the programs for strengthening of WUA for proper management of the system, maximize the use of extended irrigation service, and enhance the capacity of farmers focusing especially to the disadvantaged people in the command area.
In this context the project designation also includes a Result Monitoring Framework where it clearly specifies the project development goal, project's ultimate and intermediate targets to achieve, a need of continuous monitoring on selected indicators of project key inputs, outputs and outcomes during the implementation phase of project, and finally assessing the impact of the projects on its targeted beneficiaries. The monitoring part is embedded as an integral component of project implementation activity whereas assessing the impact is supposed to be facilitated by an independent outside entities.

1.8 Objectives of the Study

The major objective of the impact study is to compare socio-economic and agriculture performance scenario between pre-intervention and post intervention for the irrigation subprojects under management transfer and evaluate the performance of the sub-projects based on above mentioned project indicators.

The study shall focus on assessing project achievements through WUA participation in water management, asset management, O&M planning and implementation including ISF(Irrigation Service Fee) setting (participatory, timing, etc) and their capacity to operate and maintain the entire system.

Thus, this study shall accomplish the proper evaluation of the social and economic benefits achieved by use of irrigation and agriculture technologies. This shall help to understand how the sub-projects have contributed in achieving its defined goals and objectives in terms of social and agriculture development and provide recommendation on lessons learnt to bring improvements in designing and formulating the forth-coming projects.

1.9 Scope of Impact Study

In order to achieve the above-mentioned objectives, the consultant shall carry out the followings tasks and activities in close coordination with OPD/IWRMP and Technical Assistance (TA) consultants of Component-B. The scope of works includes but is not necessarily limited to:

Evaluation of the sub-project regarding whether targets were met or not in-terms of improving irrigation service delivery and increasing performance of irrigated agriculture in terms of agricultural production (e.g., increase in irrigated areas, cropping intensity), productivity (increase in yield due to improved water delivery, seeds, farm practices etc.) and profitability (diversification, farm level processing (sorting, grading, etc), improved storage, marketing, higher prices).

Fact findings about

The change in cropping intensity and productivity of crops as result of irrigation and improved agricultural practices.

WUA's involvement in canal operation and maintenance practices.

The improvement in living standards of Water User Groups (WUGs) and beneficiaries after the project.

Satisfaction of beneficiaries with the scope, design and timeliness of project support. Satisfaction of beneficiaries with the scope, design and timeliness of WUA performance. Satisfaction of DOI with operation and management of irrigation systems which are transferred to WUAs.

Satisfaction of project beneficiaries, who received sub-grants for agricultural machinery and tools.

The social impact (actual number of households benefitted, participation and involvement of women, poor families and under privileged ethnicity, water users groups etc.)

Other relevant information if any.

2 Chapter - Technical Approach and Methodology

2.1 Approach

Since the proposed task is an impact study, the outcomes of the irrigation project is evaluated in before and after situation in terms of: (i) productivity of selected main crops of paddy, wheat, maize and potato; (ii) cropping intensity; (iii)satisfaction of water users with Water Users Association (WUA); (iv) area under irrigation and drainage services; (v) tail-enders reporting improved water availability; (vi) water charges collection required for operation and maintenance (O&M); (vii) irrigation water delivery points receiving proportionate share of water; (viii) O&M expenditures obtained from Department of Irrigation (DoI) and WUA according to agreed Asset Management Plans (AMP);(ix) farmers adopting demonstrated agriculture techniques; (x) mechanization and (xi) seed replacement rate (SRR).

The study has looked in to WUA participation in water management, asset management, O&M planning and implementation including ISF (Irrigation Service Fee) setting (participatory, timing, etc.) and their capacity to operate and maintain the entire system. In addition, the study has evaluated social and economic benefits achieved by using irrigation and agriculture technologies. This study results shall help to understand how the project has contributed in achieving its defined goals and objectives in terms of social and agriculture development.

The study team has completed this work in coordination and consultation with Office of Project Director (OPD) of Irrigation and Water Resources Management Project (IWRMP) and Technical Assistance (TA) consultants of Component-B, Water Users Association, Field Project office, and Department of Agriculture at various stages of work.

2.2 Inception

An inception report was submitted to the Project Coordinator. The report contained,

- Design of survey methodology
- Sampling techniques
- Survey tools e.g. household survey questionnaires
- Checklists for Focus group discussions (FGD)

2.3 Methodology

Desk Study

Documents such as bench mark survey/study report, Project Appraisal Document, Project Implementation Manual, Annual and Final Reports etc. has been reviewed by the study team. Limited information before the project intervention was available. The data/information has been compared with the present situation of the project to assess the impact of irrigation project and verified with farmers during survey.

Primary Information from Beneficiary Households

Beneficiary households of the command area are the important stakeholders who get direct benefits of the project intervention. Therefore, primary data or information related to the impact of irrigation project has been collected from the beneficiary households. Description about the survey instrument used for primary data/information collection, sampling procedure and sample size are briefly described below.

Figure 2 Surveyors for HH

Figure 3Hosuehold survey

Interview Questionnaire

An interview questionnaire is prepared and pre tested as a survey instrument to collect data/information from the beneficiary households. The questionnaire is prepared in such that it precisely includes the data/information needed for assessing the impact of project intervention including those related to the outcomes of irrigation project as mentioned above. The questionnaire is prepared in consultation with OPD/IWRMP and Technical Assistance (TA) consultants of Component-B, the concerned authorities in DoI and DoA.

The interview questionnaire included data/information from each sample households on: area of cultivated land; types of crops grown including those mentioned in project outcome like paddy, wheat, maize and potato; area under these crops; yield per unit area of these crops; inputs used for these crops; input and output prices; earning from farming; use of income; participation in O&M; contribution of farming on their livelihoods; risks, uncertainties and threats; etc. Discussion was held with leader

farmers on the overall performance particularly the sufficiency of irrigation water at head, middle and tail ends of the command area.

Through questionnaire following facts of project intervention are gathered:

Increased performance of irrigated agriculture in terms of increased irrigated areas, cropping intensity and crop productivity;

Improvement in the living standards of beneficiary households after the project;

Improved water delivery, infrastructure, seeds, farm practices and other technical services;

Satisfaction of project beneficiaries who received sub-grants for agricultural machinery and tools;

Satisfaction of beneficiaries with the scope, design and timeliness of project support;

Satisfaction of beneficiaries with the scope, design and timeliness of WUA performance; and

Social impact (actual number of households benefitted, participation and involvement of women, poor families and under privileged ethnicity, water users groups etc.).

Orientation Training for Enumerators

An orientation training of the enumerators was organized. They were briefed on objectives of the study, scope of data collection and procedure to interview with the beneficiary households. The enumerators were also oriented on the ways of avoiding possible mistakes or errors while collecting information/data. The enumerators are supervised by the field supervisor.

Figure 4Review of HH tools

Pre-testing of Interview Questionnaire

The interview questionnaire was pre-tested through enumerators together with the study team before actually administering the instrument in the field for data collection. The entire team (experts and enumerators) revised and refined questionnaire based on feedback and experiences obtained during pre-testing.

Sampling Procedure and Sample Size

The project is a large irrigation system. Hence, a stratified sampling procedure was followed to make representation of beneficiary households in the irrigation system. For this, entire 11,000 beneficiary households were stratified into head, middle and tails locations of the irrigation system. Then, 10 percent

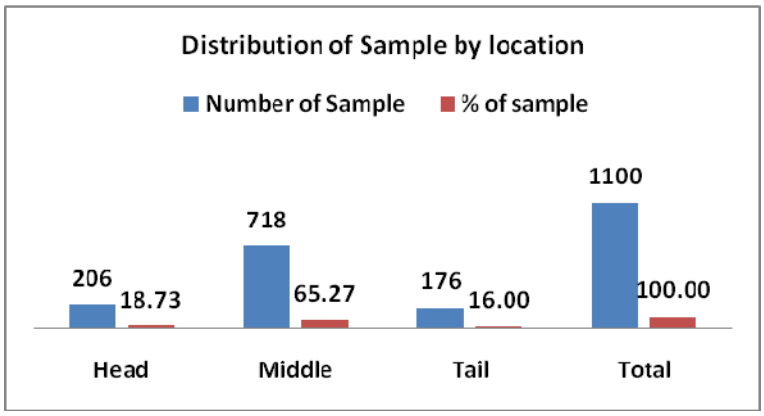


Figure 5 Distribution of Sample by Location

sample households i.e. 1,100 of total 11, 000 beneficiary households are selected randomly using random table. Number of sample households from each stratum of head, middle and tail locations is 10 percent of beneficiary households in each stratum in proportion to a total sample size of 1,100 households Figure-5.

Focus Group Discussions

Three interactive and consultative Focus Group Discussions (FGDs) was held with WUA, DoI and DoA to gather relevant information about project, project investment and project activities. Separate checklist was used for each of these stakeholders for consultation. FGD was conducted separately with WUA, DoI and DoA.

FGD with WUA

The FGD with WUA was focused on followings:

WUA's involvement in canal operation and maintenance;

Types of supports received by WUA;

WUA's feedback and satisfaction with the project investments in rehabilitation of irrigation systems in terms of scope, quality and timeliness;

Figure 6 FGD at WUA level

WUA's satisfaction with the project investments in capacity building works in terms of: (i) scope, relevance, organizational aspects, and timeliness of training programs; (ii) office buildings, office equipment, vehicles; etc

WUA's satisfaction with the project investments in management transfer activities. This is relevant for those WUAs which took over responsibility for management, operation and maintenance of previously agency-managed irrigation systems;

WUA's satisfaction with the project investment in sub-grants for agricultural machinery and tools;

Assessment of technical capacity of irrigation systems to meet farmers demands for irrigation water delivery;

Assessment of planning and implementation of irrigation system management and O&M. Specific focus areas will be: (a) WUA's capacity to assess O&M needs; (b) WUA's capacity to raise O&M budget through irrigation service fee and in kind contribution from farmers; (c) WUA's capacity to raise O&M budget from other sources; (d) other areas as requested by the WUA experts of the project;

Challenges and threats realized while implementing the sub-project;

WUA's perception on their own performance in the implementation of the sub-project;

WUA's feedback on lessons learned and recommendations for follow up projects etc.

FGD with DoI

The FGD was focused on followings:

Satisfaction of DoI with operation and management of irrigation systems which are transferred to WUAs.

DoI feedback and satisfaction with the project investments in irrigation management transfer and areas and reasons for dissatisfaction;

DoI feedback and satisfaction with WUAs performance in management, O&M of previously agency managed irrigation systems, and areas and reasons for dissatisfaction;

DoI feedback on lessons learned and recommendations for follow up projects etc.

FGD with DoA

FGD with DoA was done for followings.

Satisfaction of DoA with the operation and management of irrigation systems;

Programs and other supports provided by DoA in the project area;

DoA feedback and satisfaction with the project investments in agricultural programs in the project area;

DoA feedback on lessons learned and recommendations for follow up projects etc.

2.4 Data Analysis

Both primary and secondary data/information collected from the field is entered in the computer. The data was analyzed in software packages like Microsoft Excel and SPSS. Descriptive statistics like frequency, percentage, average/mean etc. is used to interpret data/information. The results are presented in tables, charts, figures, photographs and other appropriate ways.

2.5 Organization of the Team

The team was lead by Agri Economist with team members Sociologist and Water Resources Engineer.

3 Chapter- Assessment of Impacts

The Kankai Irrigation Project is located in Jhapa district of Mechi zone. It is located between 260 to 270 degrees N and 870 to 880 degrees E. The elevation of the project area ranges between the elevations of 75 m to 120 m above mean sea level, with a gradual slope from north to south. The project area is accessible from the East-West Highway at Maidhar which is 27 km distance from Bhadrapur, the district headquarters. The headwork is accessible by a gravel road of about 3 km in the north of Maidhar. The command area extends from 1 km north of the East-West Highway to 32 km south of the highway. The command area is accessible by a gravel trunk road from Dudhe on the East-West Highway, about 4 km West of Gainde. The KIS administrative office is located in Gainde

This section presents assessment of impact of IWRMP interventions referring to the objectives of the project as mentioned below;

1. Increasing the productivity of selected main crops (Paddy, Wheat, Maize and Potato) as compared with the baseline productivity.
2. Percentage increase in the cropping intensity as compared to the baseline.
3. Percentage of water user satisfied with WUA
5. Percent of tail-enders reporting improved water availability.
6. Collection of water charges in percentage of required O&M (as agreed in AMPs).
8. Adequate O&M expenditures by DOI and WUA according to agreed Asset Management Plans (AMP)
9. Percentage of farmers in the schemes adopting demonstrated agriculture techniques.
10. Increase in seed replacement rate as compared to the baseline

.Social and Demographic Characteristics

3.1.1 Age, Gender and Ethnicity of Respondents

About 81 percent respondents are of the age group of 15-59 and the rest 19 percent are age group of more than 60 years (Figure-7). About 63 percent respondents are female and the rest 37 percent are male. The ethnicity distribution of the respondents basically depends upon the owner of the farm. Brahmin/ Chhetri are 52% followed by Janjati 23% and Adibasi 20%). (Table-2, Figure 8).

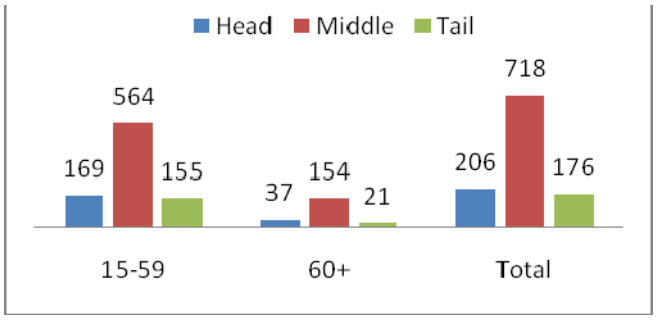


Table 2Distribution of Respondent by Ethnicity

Figure 7Respondent age group

Location	Caste /ethnic group						Total
	Dalit	Janajati	Muslim	Adibasi	Other	Brahmin/Chhetri	
Head	4	65	0	9	12	116	206
Percent	**2**	**32**	**0**	**4**	**6**	**56**	**100**
Middle	24	115	1	166	5	407	718
Percent	**3**	**16**	**0**	**23**	**1**	**57**	**100**
Tail	4	69	1	45	3	54	176
Percent	**2**	**39**	**1**	**26**	**2**	**31**	**100**
Total	32	249	2	220	20	577	1100
Percent	**3**	**23**	**0**	**20**	**2**	**52**	**100**

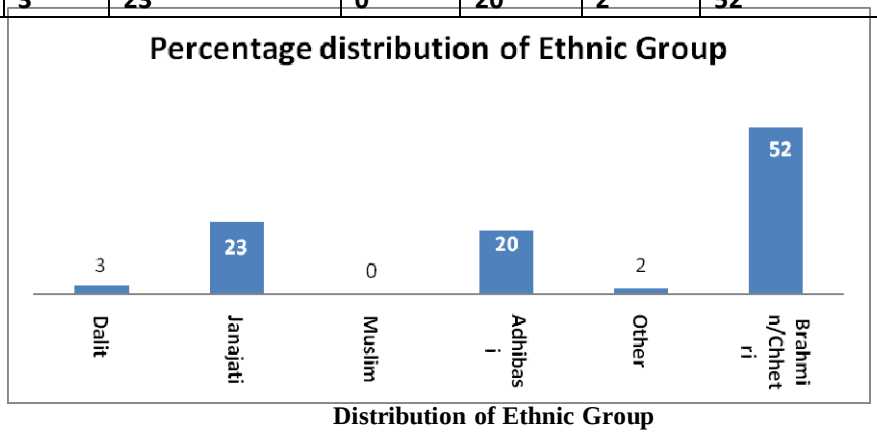


Figure 8Percentage Distribution of Ethnic Group

3.1.2 Household Size by Location in the Scheme

The average family size of the beneficiaries is 5.25 persons. In head it is 5 members, in middle location 5.33 person and in tail it is 5.23 persons (Fig-9). The female male ratio is 1:1.03. In head it is 1: 0.98, in middle it is 1:1 and in tail it is 1: 1.04.

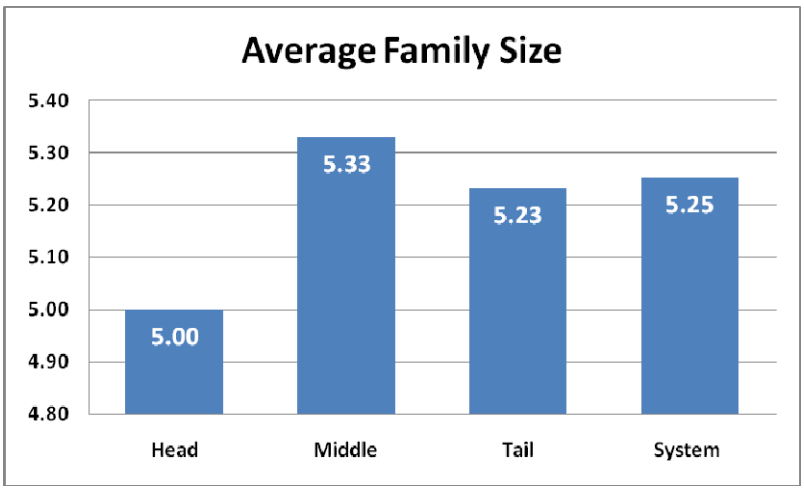


Figure 9Average Family size

3.1.3 Literacy Situation

Among the respondents 25% are illiterate(those who are unable to read and write) among the literate respondents 29% percent are just literate (l who can sign and read little), 9 percent had primary level of

education, 14.09 percent had lower secondary, 13.18 percent had secondary and 2.2 percent had higher education and above (Table-3).

Table 3Educational attainment of respondent

Educational attainment of Respondent								
	Illiterate	Literate	Primary Education	Lower Secondary	Secondary	Higher Secondary	Higher Education & Above	Total
Head	55	51	28	19	26	22	5	206
% of Head Total	**26.70**	**24.76**	**13.59**	**9.22**	**12.62**	**10.68**	**2.43**	**100.00**
Middle	191	223	55	69	98	63	19	718
% of Middle Total	**26.60**	**31.06**	**7.66**	**9.61**	**13.65**	**8.77**	**2.65**	**100.00**
Tail	26	43	16	67	21	3	0	176
% of Tail Total	**14.77**	**24.43**	**9.09**	**38.07**	**11.93**	**1.70**	**0.00**	**100.00**
Total	272	317	99	155	145	88	24	1100
% of Total	**24.73**	**28.82**	**9.00**	**14.09**	**13.18**	**8.00**	**2.18**	**100.00**

3.1.4 Annual Household Income before and after Project Intervention

The annual household income from difference sources is increased by NRs 40,000 i.e. from NRs 60,000 to NRs 100,000. The average increment in head is about NRs 50,000, in middle it is NRs 30,000 and in tail it is NRs 20,000.

Fig. 10

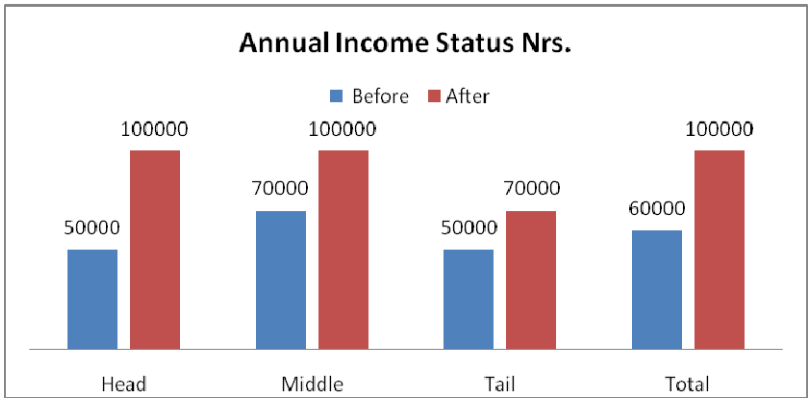
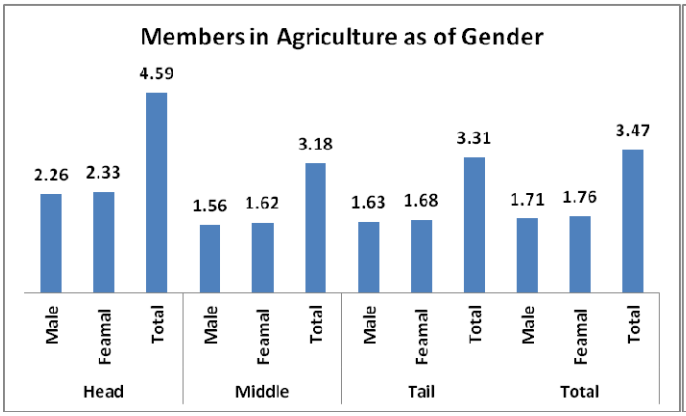


Figure 10Annual Income status

3.1.5 Members in Agriculture Sector

The average members involved in agriculture is 3.47 people per house hold with the average family size of 5.25 persons i.e. nearly 66% of the population are engaged in agriculture Fig-11 Percentile distribution of the involved members indicates that of the total 52.12% are female. Fig-12



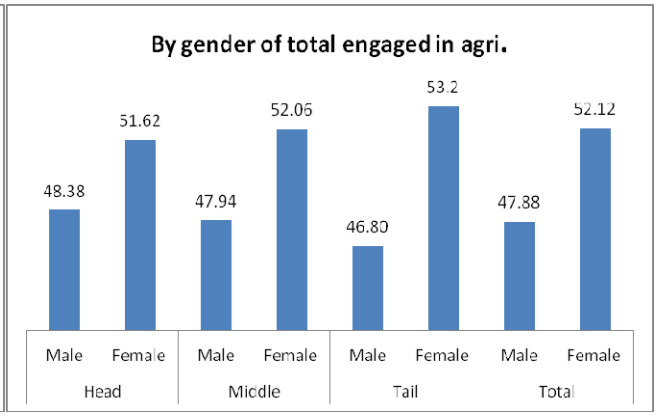


Figure 11Members in agriculture by gender

Figure 12Members engaged in agriculture by gender %

3.1 Agriculture Status

3.1.1 Farm Size:

The average farm size in the project area is 0.52 ha which is lower the national average of 0.66 ha. Average farm size is same in mid and tail having 0.69 ha. Fig-13

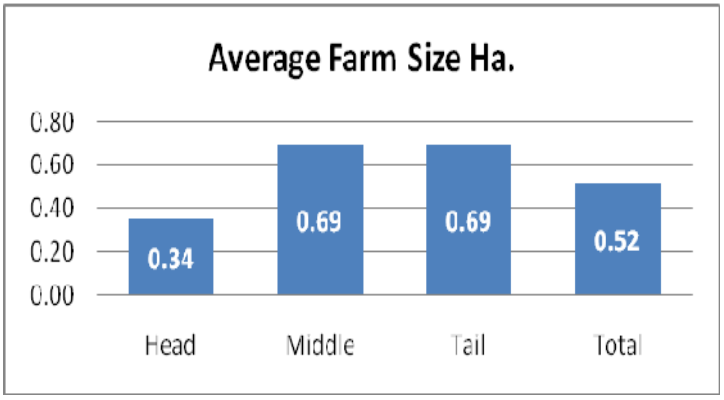


Figure 13Average Farm Size

3.1.2 Land Tenure

The practice of land leasing out or in with different system of rent i.e. either crop sharing or with fixed annual amount of use is decreasing in head and middle location but it is increased in tail location by 7%. This can be due to labor shortage, migration, alternative employment such as labor or salaried work etc.. Fig-14

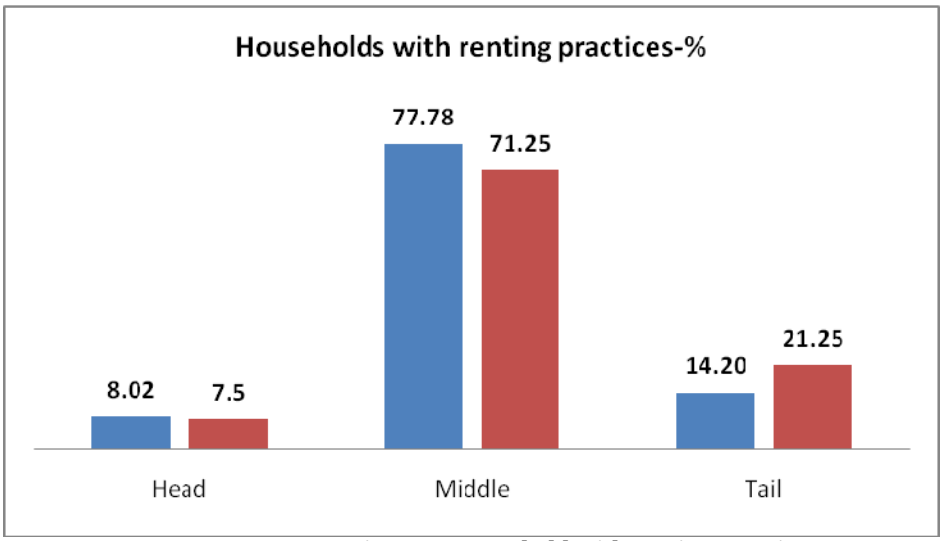


Figure 14Household with renting practices %

3.1.3 Agriculture as Major Source of Income

Agriculture as the primary source of income is decreased by 11 numbers (nearly by 1%) in total. Probable reasons: decrease in farm size due to land distribution among family, people obtaining other sources of income such as labor, employment. But in case of tail it is increased by 1.70% (Fig15) compared to before status. This is due to the improvement in water availability.

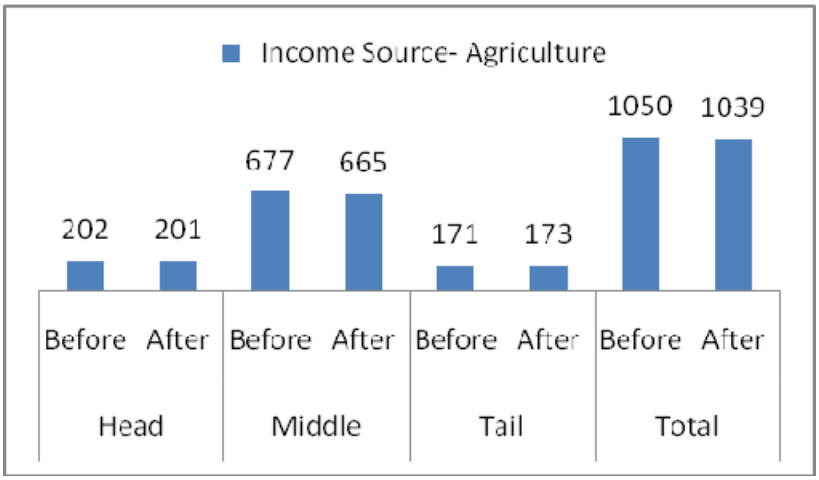


Figure 15Income source -Agriculture

3.1.4 Food Sufficiency

Food sufficiency is (measured as 12 months sufficient from own farm product mainly cereals i.e. paddy, wheat or maize), increased after project intervention. In the case of tail 100 % of respondent have sufficient status whereas it was deficit by 0.91% before. (Fig-16). In the case of middle still 3 HH are responding insufficient whereas before they were 13 HH Table- 4.

Table 4Food sufficiency response

Location	Before		After	
	Yes	No	Yes	No
Head	206	0	206	0
Middle	705	13	715	3
Tail	166	10	176	0
Total	1077	23	1097	3

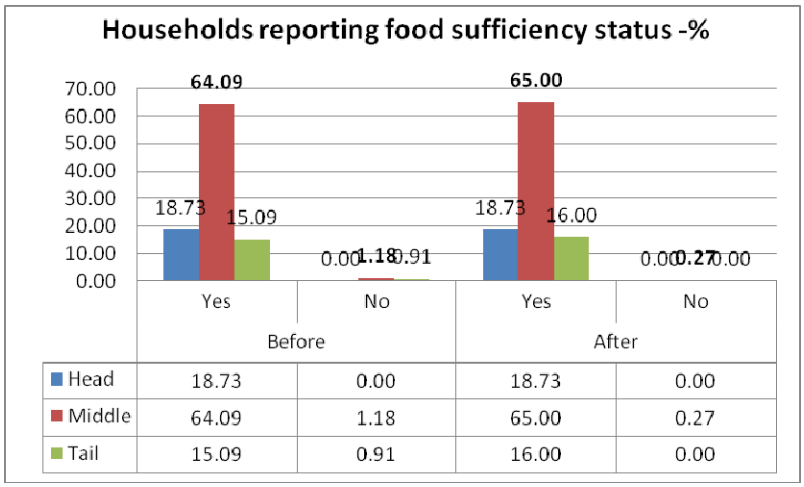


Figure 16Household Reporting food sufficiency status

3.1.5 Sales of Agriculture Product

Sales of the agricultural product are done by 60.45% of households after project, before this was only 48.27%. All product mainly paddy, wheat, maize, potato and vegetables are the major traded crops. The increament is mainly due to increased productions which has increased due to project intervention such as water availability, training, capacity building etc.. fig-17-21. There is no major change in crop variation in before and after situation since it has already irrigation water available.

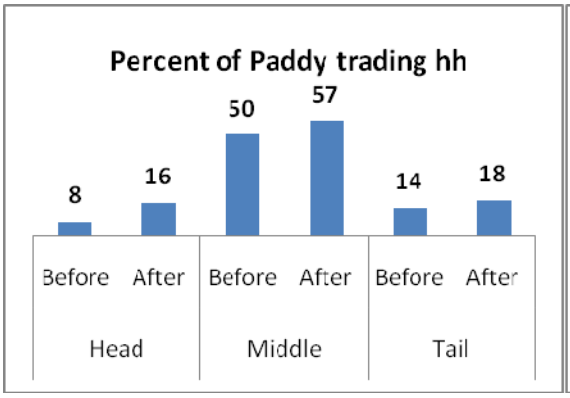


Figure 17Paddy trading HH

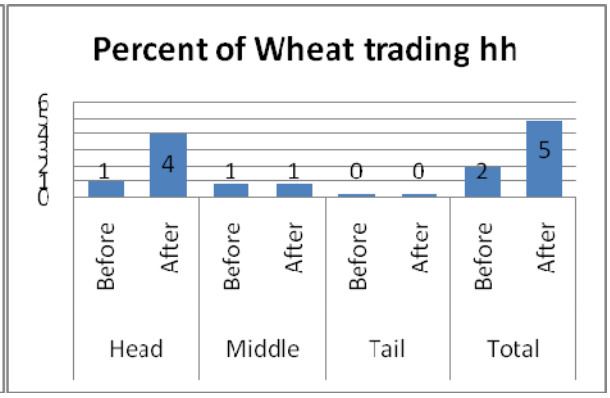
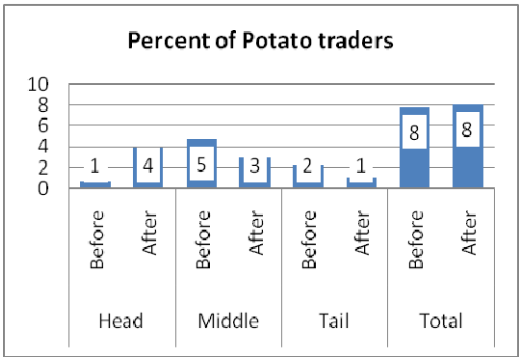


Figure 18Wheat trading HH



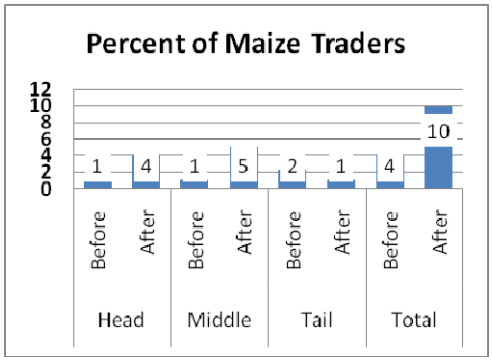


Figure 19Potato trading HH

Figure 20Maize Trading HH

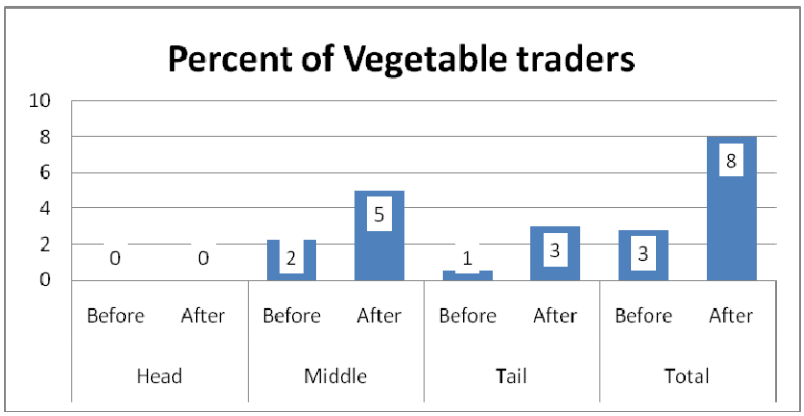


Figure 21Vegetable Trading HH

3.2 Crop Varieties

Farmers have grown several varieties of crops especially in paddy, wheat, maize, potato and vegetables. Since the irrigation command areas lie near Indian border, the farmers have access to Indian hybrid crop varieties also. The followings are the improved crop varieties grown by the farmers in the surveyed areas before and after irrigation project Table-5.

Table 5Crop variety grown before and after status

Status	Paddy	Wheat	Maize	Potato
	Type	Type	Type	Type
Before	Mansuli, Chaite 2,Ttarahara 1,Sornasab, Kalomunia	NL 297, Bijaya, Gautam	Rampur Composit	Kufrijyoti, Sinduri
After	Kalomunia, Hybrid, Hardinath	Gautam, Aditya	Rampur Composit, Hybrid	Kufrijyoti, Sinduri, Kanpure

3.3 Expenses on Agricultural Inputs and Others.

Input items indicate improvement at all level, like expenses on seed increased by NRs 500 due to knowledge gained about benefit from quality seed (improved and or hybrid)., Fertilizer use as per

required doses even higher, by NRs 100, no change in use of pesticide remaining constant at NRs 500 this may be due to the knowledge about judicious use of pesticides. Expense on machinery is also increased by NRs 500. Table 6. Based on the discussion with DADO and WUA the seed replacement rate (SRR) in this system is estimated nearly 20%.

Table 6Annual Average Cash Expenses on different items of responded HH

Items of expenses before and after IWRMP	Location of Land			
	Head	Middle	Tail	Total
	Average	Average	Average	Average
Expenses on Seed Before	750	1500	2000	1500
Seed After	1200	2000	2500	2000
Expenses on Fertilizer Before	2000	2000	3000	2000
After	4000	2900	3500	3000
Expenses on Pesticide Before	700	500	500	500
After	200	550	600	500
Expenses on ISF Before	155	200	180	200
After	210	300	300	300
Expenses on Agri Machinery services Before	1500	2000	10000	2500
After	4000	1800	12000	3000
Expenses on Animal labor Before	4000	3000	6000	3000
After	10000	5000	7000	5000
Expenses on Human labor Before	5000	2000	4000	3000
After	10000	3600	5000	5000
Expenses on Transportation Before	6500	600	800	700
After	20000	1000	1000	1200
Expenses on Post-harvest Costs Before	9900	200	500	200
After	14000	500	500	500
Expenses on Livestock Before	5000	5000	10000	5000
After	6000	5250	12000	6000
Expenses on agri-tools and Implements Before	1000	1000	1000	1000
After	500	1000	800	800
Expenses on House, land-Before	1800000	100000	140000	100000
After	950000	20000	100000	20000
Expenses on Deficit Food – Before	13500	10000	8000	10000
After	20000	15000	9000	15000

Expenses on Social and religious services – Before	15000	2000	2000	2000
After	10000	3000	2500	3000
Expenses on Education – Before	30000	20000	10000	20000
After	40000	30000	15000	30000
Expenses on Health services – Before	15000	10000	10000	10000
After	25000	15000	12000	18000
Expenses on Cloth – Before	10000	10000	6000	10000
After	20000	15000	8000	15000
Expenses on Repayment of loan – Before	10000	15000	30000	15000
After	10000	20000	30000	20000
Expenses on Domestic expenses – Before	30000	10000	20000	15000
After	40000	15000	25000	20000
Expenses on Other Services – Before	20000	6550	10000	11500
After	40000	14000	15000	18000

3.1.1 Seed

The farmers are using slightly higher seed rates than recommended dose. They are using high breed seeds except in potato. The use of seed rate was in is paddy 63 kg/ha, wheat 115 kg/ha, maize summer 35 kg/ha, and potato 1300 kg/ha as compared to the recommended seed rates of 40 kg/ha for paddy, 100 kg/ha for wheat, 20 kg/ha for maize and 1,600 kg/ha for potato (Ref: Krishi Pravidhi Sangraha-5, NARC 2074). These figures vary from place to place and farmer to farmer.

3.1.2 Agriculture Performance

Adequate and easy availability of irrigation water is expected to increase cropping intensity (CI) leading to higher production/productivity, higher level of employment and income. The CI has increased from 206 to 267 i.e. 29.61 percent increase after the project. The Seasonal crop's area CI as of before and after is as presented in Table-10. This is over all command area and data is taken from WUA.

Table 7Seasonal crop and area and CI

Status	Rainy	Area Ha	Winter	Area Ha	Summer	Area Ha	CI
Before	Paddy- Maize Vegetable	6700 500 250	Wheat Oilseed Lintel Potato Vegetable	2300 599 700 600 600	Maize Early Paddy Vegetable	1000 2900 500	206

After	Paddy- Maize Vegetable	7000 500 500	Wheat Oilseed Lintel Potato Vegetable	4000 600 700 1000 600	Maize Early Paddy Vegetable	1500 4500 500	267
Changes in CI							29.61

3.1.3 Performance on Crops Yield

One of the major indicators of performance measurement is increment in yield of intervened crops. Yield of all crops is increased. Yield of paddy is increased by 37.14% i.e. 1.3 m ton per ha. Similarly yield of wheat is increased by 300 kg per ha. In case of maize it is increased by 500kg and potato by 1100kg. See Table -8

Table 8Peformance on crop yield

Status	Crops						
	Paddy	Wheat	Maize	Potato	Vegetable	Oilseed	Lentil
Before Mt/Ha	3.5	2.4	3	13	12.5	0.8	0.9
After Mt/Ha	4.8	2.7	3.5	14.1	18.2	1	1.2
Changes Mt/Ha	1.3	0.3	0.5	1.1	5.7	0.2	0.3
Percent change	37.14	12.5	16.7	8.5	45.6	25.0	33.3

3.5 Sub-grants for agriculture machineries

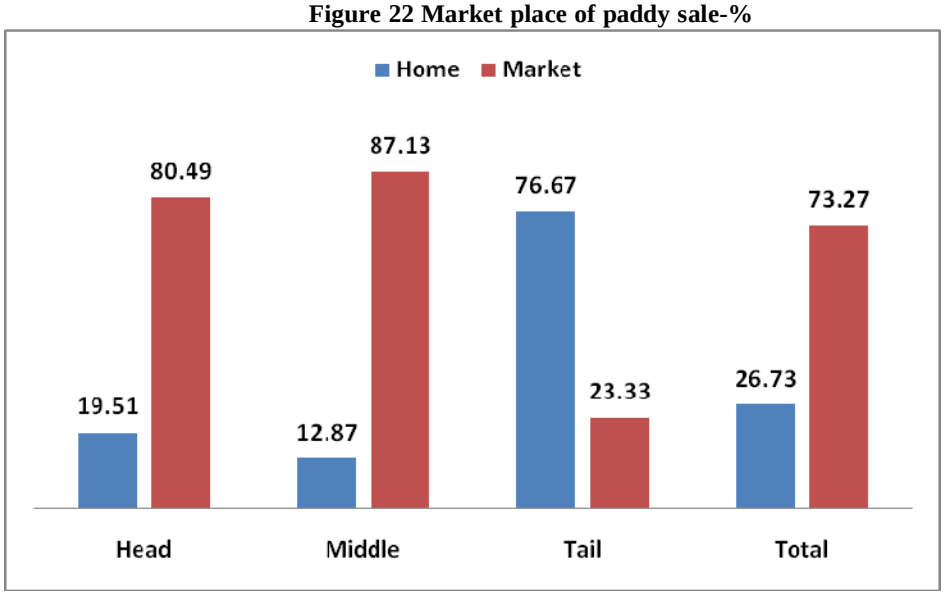
Following machineries are distributed under sub- grant to the farmers.

40 power tillers, 6 thresher, 25 wind blower , 15 corn cellar, some 7 sprayer, 10 improved plough, 6 pumping sets and 2 rotavator. Use of these machineries is satisfactory.

3.6 Market ,Storage and Processing Facility:

Generally farmers have two types of market. First collectors and or millers (35%) who come to their farm and buy the product specially rice and wheat Figure-22. Seconds farmers take their products of other markets (65%) such as haat bazaar, collection centers (mandi) and mills etc. Haat bazaar has been preference of small farmers since they can do both selling own products and buying their household needs.

Figure 22 Market place of paddy sale-%



For the sales of vegetable project have developed collection centers also,

Major quantity of main paddy is sold in Mangsir, Poush Magh (97%) which is almost after immediate harvest. Early paddy is also sold immediately after harvest in the month of Asar. Figure 23.

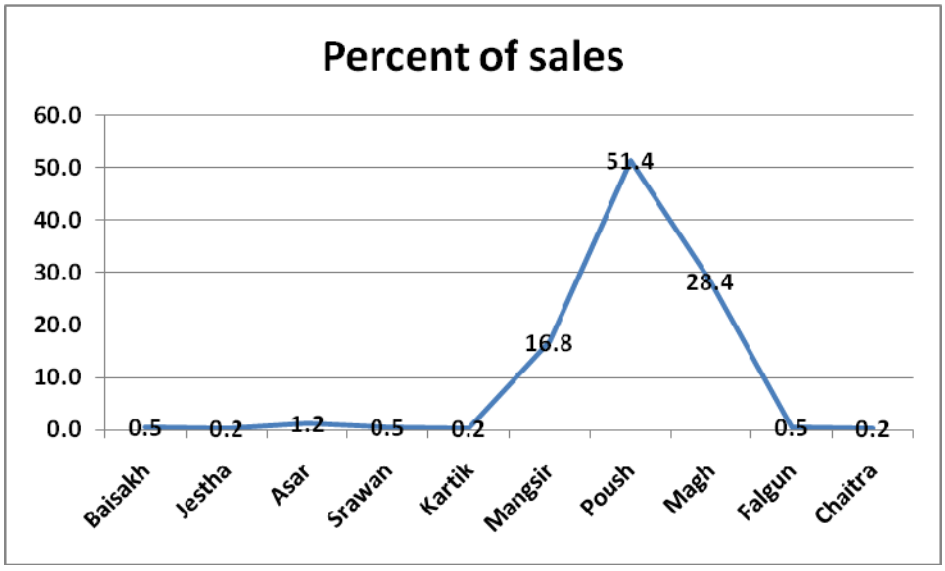


Figure 23 Sales month of paddy- %

There are no practices of sorting and grading at farm level.

3.7 Institutional of Aspects

Here discussion on WUA status, participation in irrigation system Rehabilitation / development, ISF collection status and other issues are analyzed.

3.7.1 Status of WUA

Information on WUA was collected through HH survey and FGD with WUA members. WUA has document related to registration, minute of meetings, collection of water fee, bills and vouchers and annual operation plan. It is running well.

Figure 24WUA Building

3.7.2 Participation in Irrigation System Rehabilitation/Development

All the beneficiaries have participated either through cash or labor contribution for rehabilitation/development of irrigation scheme. Cash contribution per household is NRs. 432 during construction period and for O &M is NRs 503. Fig-25. Labor contribution during construction is 5 days and for O&M is 3 days.

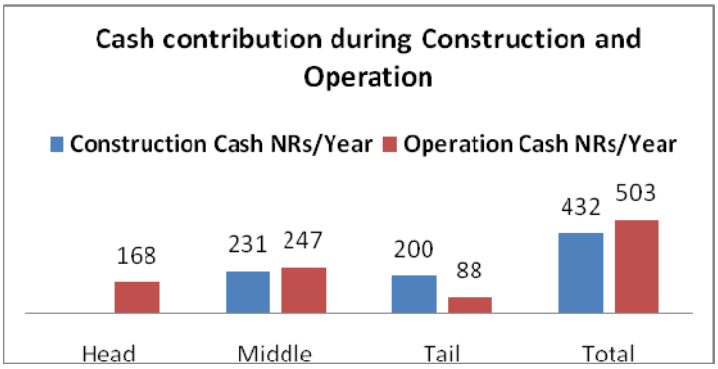


Figure 25Cash contribution during Cons. & Operation

3.7.3 Irrigation Service Fee (ISF) Collection

ISF rate is NRs 450 per ha per year in the case of main paddy based farming system i.e. Paddy-Wheat-Maize. In case of two rice farming system, i.e. Paddy-Wheat-Paddy, ISF is NRs. 900 per ha. This year the target of ISF collection is about NRs. 2.2 million and till the date of interaction WUA has all ready collected 0.6 million Rs. The period of ISF fee collection is whole fiscal year but focused before early paddy and main paddy seed bed preparation time.

3.7.4 Respondents in working committee

Out of 1100 samples 15 % are member sof WUA working committee.

3.7.5 Membership of Farmers Group

Only 13 percent households in irrigation schemes have responded to have memberships in the farmer groups and majority of households (87%) are not in the farmer groups (Table 9). The formation of Farmer's Group is based on the farmer's own initiatives supported by Agriculture Service Center. Name of FGs are Unnati Krisak Samuha, Hariyali Krisak samuha and Janjagron Krisak Samuha.

Table 9Membership of FG

Location	Members of Farmers group		
	Yes	No	Total
Head	19	190	209
Middle	85	630	715
Tail	36	140	176
Total	140	960	1100
% of total	13	87	100

3.8 Training:

Training is conducted by DoA and DoI. The topics are crop production technology and water management. Only 5 % of respondents have received training of which 60% are female. Fig-26

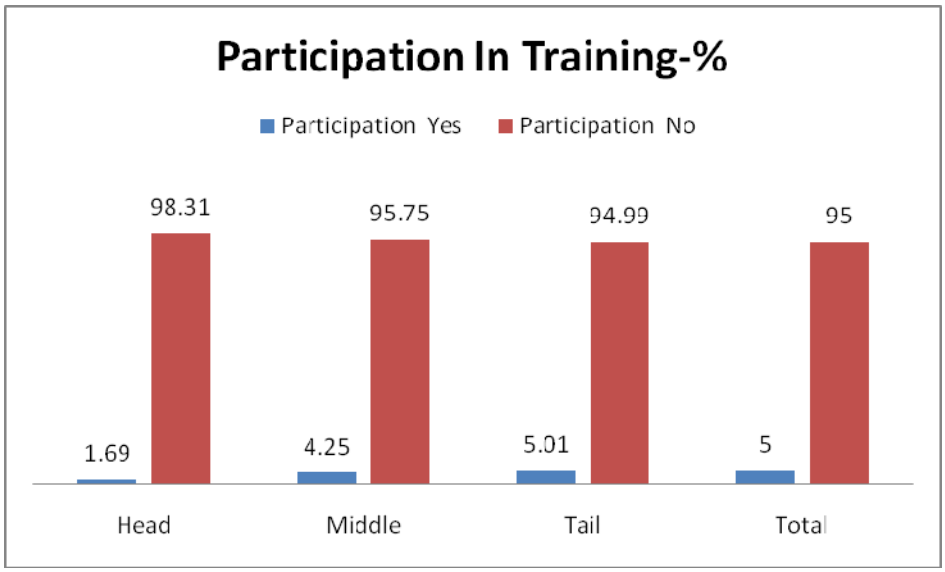


Figure 26Participation In training-%

3.9 Female Participation in Agriculture Activities

Women play a vital role in irrigated agriculture and hence their participation is important in several activities such as representation in decision making, participation in land preparation, manure preparation, weeding, transplanting and seeding, on-farm irrigation, harvesting and in post harvesting and marketing. The study indicates that in all systems, participation of male and female are almost equal.

The involvement of women in agriculture activities is higher than that of men farmers which is common in most of the parts of Nepal. Table-10

Table 10Female Participation in Agriculture Activities

Activity	*Status*	Location			Total
		Head	Middle	Tail	
		N	N	N	N
Land preparation	*100% Female – Before*	12	20	24	56
	After	12	20	25	57
	Female % higher than Male- Before	79	123	5	207
	After	79	123	5	207
	Female % Lower than Male- Before	103	126	20	249
	After	102	124	21	247
	Female % Nil- Before	57	365	77	499
	After	57	364	76	497
Manuring	*100% Female – Before*	122	35	30	187
	After	122	32	29	183
	Female % higher than Male- Before	26	139	6	171
	After	26	139	6	171
	Female % Lower than Male- Before	3	209	23	235
	After	3	208	23	234
	Female % Nil- Before	4	198	21	223
	After	4	197	21	222
Transplanting and seeding	*100% Female – Before*	173	54	27	254
	After	173	54	27	254
	Female % higher than Male- Before	17	287	12	316
	After	17	288	12	317
	Female % Lower than Male- Before	3	71	13	87
	After	3	72	13	88
	Female % Nil- Before	2	69	11	82
	After	2	68	11	81
Weeding	*100% Female – Before*	182	243	49	474
	After	181	241	49	471
	Female % higher than Male- Before	18	173	8	199

	After	18	175	8	201
	Female % Lower than Male- Before	4	38	3	45
	After	4	38	3	45
	Female % Nil- Before	6	35	4	45
	After	6	35	4	45
Irrigation	*100% Female – Before*	56	28	24	108
	After	57	27	24	108
	Female % higher than Male- Before	25	112	1	138
	After	24	112	1	137
	Female % Lower than Male- Before	88	62	1	151
	After	88	66	1	155
	Female % Nil- Before	51	379	64	494
	After	51	377	64	492
Harvesting	*100% Female – Before*	34	111	43	188
	After	34	110	43	187
	Female % higher than Male- Before	89	149	5	243
	After	89	149	5	243
	Female % Lower than Male- Before	70	19	2	91
	After	70	19	2	91
	Female % Nil- Before	46	13	5	64
	After	46	13	5	64
Post Harvest	*100% Female – Before*	175	42	25	242
	After	173	36	25	234
	Female % higher than Male- Before	3	124	5	132
	After	3	126	5	134
	Female % Lower than Male- Before	6	179	9	194
	After	6	183	10	199
	Female % Nil- Before	8	137	26	171
	After	8	135	25	168
Marketing	*100% Female – Before*	50	22	29	101
	After	50	22	29	101
	Female % higher than Male- Before	30	96	3	129
	After	31	96	3	130
	Female % Lower than Male- Before	76	154	5	235
	After	75	155	5	235
	Female % Nil- Before	35	238	73	346
	After	35	235	73	343

3.10 Satisfaction of DOI and DOA with project intervention

The increments of water availability at the tail end is considered as good indicators, and management of water distribution for early paddy with alternative years supply is good. In the case DOA parts this project site is considerd as super zone of paddy under Priminister agriculture modernization project. The SRR is nearly 20%, yield is improved.

3.11 WUA Satisfaction in project investments on capacity building

WUA members are satisfied with the investment made by the project on their capacity building. They are trying to implement the knowledge gained but due to some social barriers like seniority, and social status of member unable to enforce bulaws like payment of ISF, participation in program.

3.12 WUA Feedback on implementation

Technical and financial Support from DOI is needed in case of major problem in system.

Regular supply of seed, fertilizer and other inputs be assured.

Machinery should be supported at 75% cost subsidy

Minimum support prices should be for cereals

Youth focused program should be encouraged

3.13 Perception on sustainability of the system.

The sustainability of system was based on followings; running of system, effectiveness of system, availability of water from delivery point and WUA function. It is 100% in terms of middle and 99% from head and tail (figure 27).

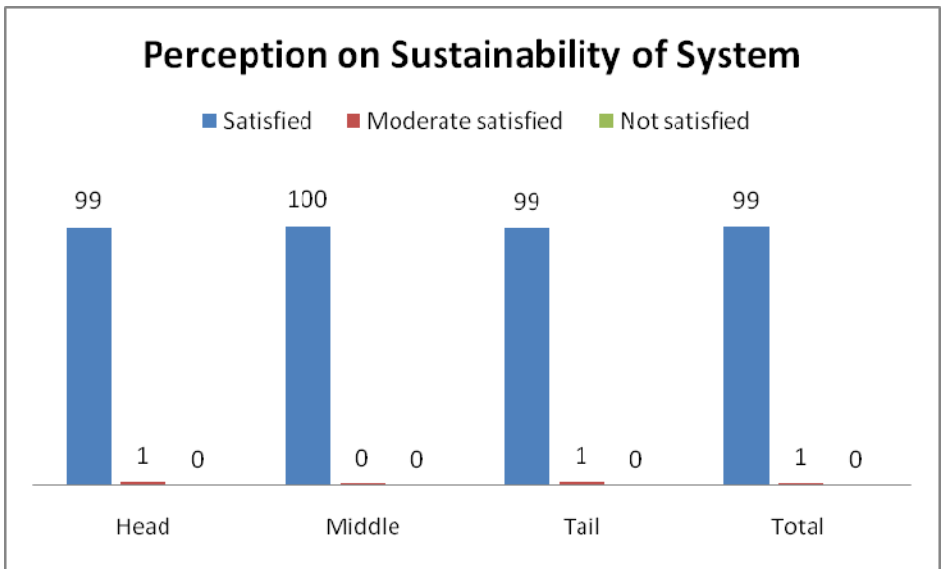


Figure 27Perception on Sustainability of System

3.14 Conflicts

The conflict in the irrigation scheme is minimal. It was in early stage only. The issue was about time and volume of water as per crop requirement. Once farmers became aware of the requirements, they managed among themselves. (3%). Table-11. This indicates that the irrigation system is functioning well.

Table 11Conflicts status

Location	Conflicts		Total
	Yes	No	
Head	0	1	1
Middle	12	413	425
Tail	2	36	38
Total	14	450	464
% of total	3	97	100

4 Chapter -Conclusion and Recommendation

4.1 Conclusion

The impact study has been conducted following the standard practice to best meet the objective and scope of the work.

Cropping intensity and productivity of crops due to intervention in irrigation facilities and consequent agricultural practices has significantly improved. Water availability at tail ends has increased significantly. Cropping intensity, at present, stands at 267%. The trend of expenses on seed, fertilizers, farm mechanization is increased. Women drudgery has been significantly reduced.

Assessment of the existing institutional arrangement in the management of irrigation systems indicated that the institutional development is satisfactory. Majority of the beneficiary farmers are satisfied with the performance of WUA. However periodic institutional strengthening activities will be helpful even after the completion of sub-project.

The intervention of irrigation project has positive impacts on socio-economic condition of beneficiary farmers. The improvement in irrigation facility has increased agriculture production and hence, the income of families. So, the investments on education and health of family members have also increased.

The farmer's participation in operation and maintenance is highly satisfactory. Farmers collect ISF and also contribute their labor for operation and maintenance of irrigation system.

The satisfaction level of beneficiary farmers towards the project is is quite acceptable. More than 85% of the respondents are highly satisfied with the projects.

4.2 Recommendation

Followings are the recommendations;

Irrigation facilities after intervention of the project has increased, however to harness the maximum benefit farming practices from traditional to commercialization is necessary.

Improvement only in physical infrastructure cannot yield optimum benefits. So coordinated efforts needs to be done in the irrigated area.

Agriculture input services need to be improved.

Strengthening of WUA is another area which needs to be continued in future as well.

Farmers are affected due to climate change. They need to be made aware to mitigate this problem.

Training is another area where proper need assessment is required and accordingly trainings should be designed and implemented.

Awareness creation on crop insurance will be helpful for farmers to minimize the risk.

Efforts should be made to mobilize financial institution to make available credit facility to the farmers.

Periodic monitoring and evaluation is essential to give sustainability of the sub project.

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Annexes

Annex 1	Survey Tools
Annex 2	SPSS

Impact Study of Kankai Irrigation System

Checklist for Focus Group Discussion (FGD) with WUA

1. WUAs satisfaction with the project investments in irrigation system in terms of scope, quality and timeliness:

   1.1 Scope or coverage of work:

   1.2 Quality of work:

   1.3 Timeliness of work:

2. WUAs satisfaction with the project investments in capacity building works in terms of (i) scope, relevance, organizational aspects, and timeliness of training programs; (ii) office buildings, office equipment, and vehicles; etc.

   2.1 Scope, relevance, organizational aspects, and timeliness of training programs:

   2.2 Office buildings, office equipment, and vehicles:

   2.3 Others (specify):

3. WUA satisfaction with the project investments in management transfer activities.
   (This is relevant for those WUAs which took over responsibility for management, operation and maintenance of previously agency-managed irrigation systems.)

4. Assessment of technical capacity of irrigation systems to meet farmers demands for irrigation water delivery.

5. Assessment of planning and implementation of irrigation system's management, operation and maintenance (MOM). Specific focus areas are:

   5.1 Type of focus on management of irrigation system:

   5.2 Type of focus on operation of irrigation system:

   5.3 Type of focus on operation of irrigation system:

6. WUA's capacity to assess MOM needs:
7. WUA's capacity to raise MOM budget through irrigation service fee and in kind contribution from farmers:

8. WUA's capacity to raise MOM budget from other sources:

9. Other areas as requested by the WUA experts of the project:

10. WUA's feedback on lessons learned and recommendations for follow up projects:

    10.1 Lessons learned:

    10.2 Recommendations for follow-up:

11. Any other aspects/indicators as requested by the project coordinator for component A and B:

12. Percent of delivery points receiving proportionate share of water:

    12.1 Total number of delivery points:

    12.2 Number of delivery points receiving adequate water:

    12.3 Number of delivery points not receiving adequate water:

13. List of participants:

S. No.	Name	Post in WUA	Signature
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			

S. No.	Name	Post in WUA	Signature
14			
15			
16			
17			
18			
19			
20			

A. INSTITUTIONAL Aspect

i. Present state of WUA

Particulars	**Yes**	**No**
Existence of registration paper		
Existence of WUA office		
Collection of membership fee		
Regular meeting after project		

ii. WUA Institutional Strengthening

a. WUA Contribution status:

WUA contribution			**For construction or rehabilitation of irrigation system**	**For annual operation and maintenance**
In cash	Before	Rs./ha or Rs./year (mention which one)		
	After	Rs./ha or Rs./year (mention which one)		
In labor	Before	Man days (md)/ha or md/year (mention which one)		
		Market wage rate Rs./md		
	After	Man days (md)/ha or md/year (mention which one)		
		Market wage rate Rs./md		
In kind	Before	Type of contribution in kind qty./ha or qty/year (mention which one)		

WUA contribution			**For construction or rehabilitation of irrigation system**	**For annual operation and maintenance**
		Quantity		
		Market price Rs./qty.		
	After	Type of contribution in kind qty./ha or qty/year (mention which one)		
		Quantity		
		Market price Rs./qty.		

b. WUA meetings

Meetings	**Tick type of planned meeting**	**No. of meetings held**	**Remarks**
Monthly			
Crop season			
As and when needed			

c. Details of WUA Executive Committee

Members	**Men**	**Women**
Chairperson		
Vice Chairperson		
Treasurer		
Members		
Total		

d. Details of WUA Executive earlier committee

Members	**Men**	**Women**
Chairperson		
Vice Chairperson		
Treasurer		
Members		
Total		

iii. **WUA capacity enhancement training:**

Title of training	**Training organizing agency**	**Date & duration**	**No. of participants**	**Adequacy (adequate or inadequate)**	**Timeliness (yes/no)**	**Other remarks**
1.						
2.						

3.						
4.						
5.						

iv. Construction progress and status

Activities/works	**Unit**	**Quantity**	**Status**		**If on-going, % of progress**
			Completed	**On-going**	
Head-works construction					
Main canal	No.				
Total length of main canal					
Length of lined main canal					
Branch canal	No.				
Total length of branch canal					
Length of lined branch canal					
Structures	No.				
Length of protection work	m				
Others (specify					

v. Issues on WUA satisfaction with:

Issues	**Satisfaction/dissatisfaction**
Quality of construction	
Design of irrigation structures	
Implementation of the project	

Issues	**Satisfaction/dissatisfaction**
Monitoring, supervision & support from the project	
Others (specify)	

Impact Study of Kankai Irrigation System

Checklist for Key Informant Interview with Project Office (PO) and DoA

1. Monitoring and supervision visits by:

Indicator	Situation			Remarks
	Excellent	Good	Poor	
Construction quality (as per observation)				
Construction quality (as per record)				
Timeliness (progress)	On schedule	Slightly delayed	Greatly delayed	

2. Performance indicators:

Performance indicators	Rating	Before	After
Water delivery at main canal head regulator, m^3/s	-		
Percent of tail-enders reporting improved water availability	-		
WUA maintains the system as per O&M plan	Excellent		
	Good		
	Poor		
WUA delivers water according to seasonal schedule	Excellent		
	Good		
	Poor		
WUA account has been audited this year	Yes/No		
WUA has resolved audit issues, if any	Yes/No		
WUA actual expenditures in terms of labor or cash) or agreed O&M expenditures:	Actual, Rs.		
	Agreed, Rs.		

3. User satisfaction:

Indicators	Level of satisfaction (Excellent = E, Good = G and Poor = P)		
	Head	Middle	Tail
Quantity of water delivery			
Timeliness of water delivery			
Adequacy of water volumes delivered			
Communication of water delivery schedule by WUA			

4. Crop area, productivity and seed replacement rate:

Crops	Area, ha	Productivity (as per crop cut survey report of DADO), ton/ha	Seed replacement rate, %
Paddy			

Crops	Area, ha	Productivity (as per crop cut survey report of DADO), ton/ha	Seed replacement rate, %
Maize			
Wheat			
Potato			
Oilseed			
Pulses			
Vegetables			
Other crops (specify)			

5. Demonstrations and adoption of demonstrated technology:

Crops	Types of demonstrations	Percent of farmers adopting demonstrated technology
Paddy		
Maize		
Wheat		
Potato		
Oilseed		
Pulses		
Vegetables		
Other crops (specify)		

6. Financial status:

Description		Financial status
Appraised amount	Rs.	
Estimated amount	Rs.	
NCB contract	Contract amount, Rs.	
	Expenditure amount, Rs.	
WUA contract	Contract amount, Rs.	
	Expenditure amount, Rs.	
Other expenditures	Rs.	
Total expenditure	Rs.	

7. Water fee:

Water fee	Before	After
Collection of water fee	Yes/No	Yes/No
Planned amount, Rs./ha		
Collected amount, Rs./ha		

8. Problems related to water distribution:

Problems related to	Lined canal	Unlined canal
Adequacy of field channels	Yes/No	Yes/No
Adequacy of cross drainage works	Yes/No	Yes/No
Adequacy of outlet structures	Yes/No	Yes/No
Soil conditions	Changed/No change	Changed/No change
Other problems (specify)		

9. Operation & maintenance:

Description	Yes	No
1. Formulation and implementation of annual operation plan		
2. Do they schedule water operation and delivery		
3. Whether or not water fee collected for O&M		
4. Does WUA generate financial resources from other sources? If yes, specify the source and amount		
5. Distribution of ISF use:	Before	After
a. Management		
b. Operation		
c. Maintenance		
6. Maintenance cost, Rs.		
7. Pump operator's salary Rs./year		

10. Access to inputs and other services:

Inputs and other services	Access/Availability (Easy = E, Moderate = M & Difficulty = D)	
	Before	After
Access to extension services		
Access to improved seed		
Access to chemical fertilizers		
Availability of human labor		
Availability of animal power		
Availability of machinery, tools and equipment		
Access to credit		
Access to market		
Access to other inputs (specify)		

11. Crop Calendar:

Season	Crop	Area, ha		Crop calendar month &week			
		Before	After	Sowing		Harvesting	
				Before	After	Before	After
Monsoon	Paddy						
	Maize						
	Vegetable						
	Fruits						

Season	Crop	Area, ha		Crop calendar month &week			
		Before	After	Sowing		Harvesting	
				Before	After	Before	After
	Others (specify)						
Winter	Wheat						
	Potato						
	Vegetable						
	Legume						
	Spice crops						
	Fruits						
	Others (specify)						
Spring	Early Paddy						
	Maize						
	Vegetable						
	Spice crops						
	Fruits						
	Others (specify)						

12. Input and output dose/quantity andprice:

Input	Unit	Quantity unit/ha	Price Rs./unit
1. Local seed			
a. Paddy	Kg		
b. Maize	Kg		
c. Wheat	Kg		
d. Potato	Kg		
e. Vegetables	Kg		
2. Improved seed			
a. Paddy	Kg		
b. Maize	Kg		
c. Wheat	Kg		
d. Potato	Kg		
e. Vegetables	Kg		
3. Chemical fertilizer			
a. Urea	Kg		
b. DAP	Kg		
c. Potash	Kg		
4. Pesticide	Kg/Liter		
5. Human labor	Man day		
6. Bullock	Bullock day		
7. Machinery	Hour		
a. Tractor			
b. Thresher			
c. Combine			
8. Irrigation	Rs.		
9. Other inputs (specify)			

Input	Unit	Quantity unit/ha	Price Rs./unit
10. Outputs:			
a. Paddy			
b. Maize			
c. Wheat			
d. Potato			
e. Vegetables			

13. Performance of irrigation system

i. Is irrigation water sufficient for year round irrigation? Yes/No

If no, which season, which portion of irrigation system and why?

Deficient season	Deficient part of irrigation system	Reasons for insufficiency
Monsoon	Head	
	Middle	
	Tail	
Winter	Head	
	Middle	
	Tail	
Spring	Head	
	Middle	
	;Tail	

ii. Have you observed weaknesses in the management, operation and maintenance of irrigation system? Yes/No

if yes, what are the reasons behind these weaknesses?

Weaknesses in	Reasons
Management	
O&M	

Weaknesses in	Reasons
Others (specify)	

iii. Delivery points receiving proportionate share of water

Delivery points in	No. of delivery points constructed	No. of delivery points not receiving proportionate share of water
Head		
Middle		
Tail		

iv. Are you satisfied with the overall performance of the irrigation system? Yes/No

If no, why?

14. Sustainability

i. Is this irrigation system functioning well after rehabilitation? Yes/No

If no, comment in terms of the following?

a. Defined water distribution system of WUAs:

b. Conflict resolutions mechanism of WUA:

c. Assessment of O&M needs by WUA:

d. WUA sources of funds for O&M:

e. Bases for fund collection

f. WUA human capacity

ii. What is the area (km^2)of watershed of irrigation system?:

ii. How is the condition of watershed?:

iii. Do water users and/or WUA aware of watershed condition of the irrigation system?

Yes/No

iv. Are water users and/or WUA involved in management and conservation of watershed of the irrigation system? Yes/No

v. Is WUG functioning effectively? Yes/No

vi. What are the processes of distribution of the water among the users?

vii. Are there conflicts? Yes/No

viii. If yes, what are those conflicts?

ix. What are the inbuilt mechanisms for conflict management practices?

15. Design and works

i. Was the proposed project scope and design adequate? Yes/No

If no, what are the deficiencies:

ii. Quality of rehabilitation works:

iii. Adequacy and timeliness of project support to WUAs with supervision and monitoring of rehabilitation works.

iv. What do you think about the best ways to promote the expansion of and increased access to irrigation facility?

v. DoIs satisfaction with the project investments in irrigation management transfer and areas and reasons for dissatisfaction

vi. DoIs satisfaction with WUAs performance in management, operation and maintenances

vii. DoIs feedback on lessons learned and recommendations for follow up projects

viii. Any other aspects/indicators which we may have not discussed?

16. Opportunities

i. Is there any opportunities realized by farmers because of irrigation system, please explain.

ii. Are there any credit facilities available for expansion and extension of agri-production, irrigation and agri-machinery, providing additional operation and maintenance, training to farmer groups, utilizing renewable energy irrigation schemes etc.

iii. What may be the marketing strategies for the proper marketing of the input and outputs of agriculture produce?

Work status and progress

Activities/works	Unit	Quantity	Status		If on-going, % of progress
			Completed	On-going	
Head-works construction					
Main canal	No.				
Total length of main canal					
Length of lined main canal					
Branch canal	No.				
Total length of branch canal					
Length of lined branch canal					
Structures	No.				
Length of protection work	m				
Others (specify					

Checklist for Key Informant Interview with DADO
Checklist for Key Informant Interview (KII)

1. Major problems in agriculture:

Before	**After**
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.

2. Access to agriculture support services

3. Access to and costs of Credit

4. Availability and affordability of agri inputs

5. Labour availability

6. Marketing and marketing infrastructure

7. Irrigation water (timeliness and volumes)

8. Access to agricultural mechanization

9. Storage and processing facilities

10. Other

Impact Study of Kankai Irrigation System under Component B

Irrigation and Water Resources Management Project (IWRMP)

(Household Level Survey Questionnaire)

Date of Interview:
Location a) Head b) Middle c) Tail
Water Delivery point: Head Middle Tail
Unique Code : District: code
Surveyar: S.N:

Part A. Socio economic information

1. Name of the Water User Group …… …

2.Name of Gaupalika/Nagarpalika ……..3. Ward no .....

4. Name of Tole ……

5. Name of Respondent: …… 9. Age: ……10. Sex: ……

6. Educational attainment of Respondent:

……a Illiterate, b literate, cPrimary Education, dLower Secondary, eSecondary, f Higher Secondary, g Higher Education& above)

7. Caste /ethnic group:

(1) Dalit, (2) Janajati, (3) Muslim, (4) Indigenous, (5) Others……

8. Total No. of family member: ……9. No. of Male ……10.No. of Female ……..

11. Number of family member who are involved in agricultural activities: M

11.1 Male: ..... 11.2 Female: .....11.3Other .....11.4Total:...

12. Total annual income of family Rs.

12.1 Before project intervention:

12.2 After project intervention:

13. Income source: Please prioritize as 1. Primary,2 Secondary, 3. Territory the major 3)

	Agriculture	Livestock	Business	Monthly salary	Pension	Remittance	Daily wages	Others (specify)
Before								
After								

Part B: Land holding and Land ownership:

14. Total agriculture land……(Bigha / Kathha/Dhur/)

15. Total Land owned by your family…….(Bigha / Kathha/Dhur)

16. Actual irrigated land (Own, Rented, Rent out)…….(Bigha / Kathha/Dhur)

17. Distribution of the land in following category …

17.1 Total land	*17.2 Area (Bigha / Kattha/ Dhur) ,*	*17.3 Before*		*17.4 After*		*17.5 Within the Command area*				*17.6 Remarks*
		17.3.1 Irrigated	*17.3.2Un Unirrigated*	*17.4.1 Irrigated*	*17.4.2U Unirrigated*	*17.5.1 Before*]		*17.5.2After*		
						17.5.1.1 IIrrigated	*17.5.1.2Unirrigated*	*17.5.2.1 IIrrigated*	*17.5.2.2 Unirrigated*	
17.1.1 Own										
17.1.2 Rented in										
17.1.3 Rented out										
17.1.4 Total										

Part C: Food Balance Situation:

18. Food Sufficiency

18.1 Indicator	18.2Before]		18.3After	
18.1.1 Sufficient	1. Yes	2. No	1. Yes	2. No
18.1.2 If insufficient or No then please mention the number of insufficient months				

Part D: Last year Annual sale of crop produce, Vegetable and other produce.

19. Mention annual sales before and after the system

a. Before

19.1Product	19.1.4Name of the Commodity	19.1.5 Quantity Sold (Kg.)	19.1.6 Rate Per K	19.1.7 Total Amount (24.7x24.8)	19.1.8 Month of Sale* (Major only)	19.1.9 Place of sales 1. = Home, 2 = Market	19.1.10 Remarks
19.1.1Food grains	1.Paddy						
	2.Wheat						
	3.Maize						
	4. Millet						
	5. Other						
19.1.2 Vegetables	6.Green Leaves						
	7. Potato						
	8. Onion						
	9. Other						
19.1.3 Others	10. Fisheries 11.Others						

*1= Baisakh, ...12= Chaitra

b. After

19.2Product	19.2.4Name of the Commodity	19.2.5 Quantity Sold(Kg.)	19.2.6 Rate Per K	19.2.7 Total Amount (24.7x24.8)	19.2.8 Month of Sale* (Major only)	19.2.9 Place of sales 1. = Home, 2 = Market	19.2.10 Remarks
19.2.1Food	1.Paddy						
	2.Wheat						

	3.Maize						
	4. Millet						
	5. Other						
19.2.2 Vegetables	6.Green Leaves						
	7. Potato						
	8. Onion						
	9.Tomatoes						
	10.Cauliflowers						
	11. Cabbage						
	12. Fisheries 13. Other						
19.2.3 Spice crops	13. Chili						
	14. Tumeric						
	15. Others						
19.2.4 Oil crops							
19.2.5 Other crops							

* 1= Baisakh..... 12= Chaitra

Part E: Participation in Irrigation

20. Participation in sub-project construction and management Participation	20.1.1 Cash Nrs per year	20.1.2 Kind Qt*Mkt rate	20.1.3 Labor Md*Wage rate	Total Nrs
20.1 During construction				
20.2 For operation and Maintenance annual				

Women Participation

20. Participation in sub-project construction and management Participation	20.1.1 Cash Nrs per year	20.1.2 Kind Qt*Mkt rate	20.1.3 Labor Md*Wage rate	Total Nrs
20.1 During construction				
20.2 For operation and Maintenance annual				

…… ……

21. Are you a member in any of the committees of WUA or WUA sub-committees? 1 Yes/2 No …

22.1 if yes does the WUA meeting is held regularly 1 Yes 2No

23. Are you a member in any of the committees of FG?1 Yes/2 No …

24. Do you have faced any conflicts during water use? 1 Yes 2No

25. How conflict is managed?

Part F: Credit

26. Please mention the credit in following table

26.1 Loan taken before the system: 1=Yes, 2= No. If loan is taken please mention the following table:

Purpose of Loan	Time period of Loan *	Total loan amount =(NRs.)	Proportion by Source %					
			1. Bank	2.Micro Finance	3. Cooperatives	4. Local Person	5. Group	6. Other
1.Irrigation development								
2. Agriculture farming								
Agri-machinery								
4. Other, specify)								

**1= one year, 2=6 months, 3= 3 months, 4=Less than 1 month*

b. 26.2 Loan taken <u>after</u> the system: 1=Yes, 2= No. If loan is taken please mention the following table:

Purpose of Loan	Time period of Loan *	Total loan amount =(NRs.)	Proportion by Source %,					
			1. Bank	2.Micro Finance	3. Cooperatives	4. Local Person	5. Group	6. Other
1.Irrigation development t								
2. Agriculture farming								
3. Agri-machinery								
4. Other, ……specify)								

**1= one year, 2=6 months, 3= 3 months, 4=Less than 1 month*

C. Have you taken Insurance policy: Yes:…… No……..

Part G: 27 Annual Cash Expenditure (Cash only):

27. Expenditure Items	Before NRs.	After NRs.
Agricultural production inputs and hired labor wages. a. Seeds ✓ Own/traditional seeds ✓ Improved seeds b. fertilizer		

c. pesticides d. irrigation water ✓ cash contribution (ISF) ✓ in kind labour contribution e. agricultural machinery services f. animal labour g. human labour h. transportation costs i. post-harvest costs (processing, storage, etc) j. marketing costs		
Livestock purchase, maintenance and feed		
Agricultural tools & implements purchased, and O&M		
House and Land purchased, constructed or O&M,		
Purchase of deficit food		
Social and religious activities		
Education		
Health services		
Cloth and clothing		
Loan repayment		
Domestic expenses		
Others specify		

Part H: 28 Female Participation in Agricultural Activity (Tick √mark)

S.N.	Agricultural Activity	100 % Female		Female% Higher than Male		Female %Lower than Male		Female %Nil	
		Before	After	Before	After	Before	After	Before	After
1	Land preparation								
2	Manuring								
3	Transplanting & seeding								
4	Weeding								
5	Irrigation								
6	Harvesting								
7	Post Harvest (cleaning, grading, storage)								
8	Marketing {								

Part I: 29. Training:

29. Have you got any training? 1= Yes, 2= No

29.1.1 If yes details of Trainings (Topic/Agency/Date/No. of Participants)

Topic	**No of training**	**Agency**	**Participants**	
			Female	**Male**
a. Water management				
b. O&M				
c. Agricultural technologies				
d. Farm practices				
e. Marketing				
f. Processing				
g. Plant protection				
h. IPM				
i. ICM				

j. Other				
k. Safe use of Pesticide				
l. Pesticide Management				
m. Cereal Crop management				
n. Cash Crop Management				
o. Farmers Field school				
p. Capacity enhancement at farmers level				

29. 2 Do you need further training? 1= Yes, 2= No

29.2.1 If yes, please specify of the type of training :

29.3Have you adopted a demonstrated agricultural technique in your cropping system that you learn from IWRMP program?

Part J: 30 Information/Knowledge about Tools and implements

30.1: Do you know that tools and implements were distributed under this project? 1 yes 2 No
30.2. If yes what you have received pls list.
30.3 What benefit you have from the tools and implements:

Part K: 31 Irrigation System:

	Before	After	Remarks
1. Adequacy of delivered water volumes			
1.1 Adequate			
1.2 Normal			
1.3 Inadequate			
If the answer is (1.1)			
1.1.1 Improved technical capacity of irrigation systems (rehab)			
1.1.2Improved WUA capacity to manage water delivery			
1.1.3 Other reasons (specify)			
If the answer is (1.3)			
1.3.1. Water unavailability in main canals etc			
1.3.2Stealing of water by other farmers			

1.3.3Poor performance of WUAs (no scheduling, etc)			
1.3.4 Other reasons (specify)			
2 Timeliness of water delivery			
2.1Adequate (Excellent)			
2.2Somewhat adequate(Good)			
2.3 Inadequate(Poor)			
Why in case Excellent			
Why in case Poor			
3 Communication of water delivery schedule by WUA			
3.1 Excellent			
3.2 Good			
3.3 Poor			

Part L: Sustainability of irrigation system

32 Is your irrigation system running properly? 1= Yes, 2= No
32.1 If no, why?

1= System is not properly designed, 2= System is not maintained properly, 3= Other Specify:…
33 Is the water users' group formed and registered?1= Yes, 2= No

33.1 If yes, how effectively it is functioning?
1= Very effectively, 2=moderately effectively, 3=Not effectively
34. Satisfaction Level of water received from the delivery point
1. Satisfied 2 Moderate satisfied 3 Not satisfied

Part M: Please provide your actual input and output data for all major variety crops produced by you within command area land in last one full year period

a) Before irrigation

	Crop				Agri-Input						Hired/OWN		Machine (hrs)		
Season	Name	Variety	Area Planted (ha)	Production (kg)	Manure (kg)	Seed (kg)	Urea (kg)	DAP (kg)	Potash (kg)	PP Aids(NRs)	Human Labour (md)	Animal Labour (ad)	Tractor6] S6/	Harvester	Thressor
Monsoon	Rice														
	Maize														
	Vegetable														
Winter	Maize														
	Wheat														
	Potato														
	Vegetable														
	Oilseed														
Spring	Rice														
	Maize														
	Potato														
	Vegetable														

(b) After irrigation

	Crop	Agri-Input	Hired/OWN	Machine (hrs)

Season	Name	Variety	Area Planted (ha)	Production (kg)	Manure (kg)	Seed (kg)	Urea (kg)	DAP (kg)	Potash (kg)	PP Aids(NRs)	Human Labour (md)	Animal Labour (ad)	Tractor	Harvester	Thressor
Monsoon	Rice														
	Maize														
	Vegetable														
Winter	Maize														
	Wheat														
	Potato														
	Vegetable														
	Oilseed														
Spring	Rice														
	Maize														
	Potato														
	Vegetable														

Purchased	Crop Name	Seed NRs./ kg	Crop Sold Rs./ kg	irrigation hours used for the crops in
	a) Paddy			
	b) Wheat			
	c) Vegetable			
	d) Oil seed			
	e) Maize			
	f) Pulse			
	g) Potato			
	Others			

2. Purchased		DAP NRs./ kg .....
3. Purchased		Urea NRs./ kg .....
4. Purchased		Potash NRs./ kg .....
5. Purchased		Manure NRs./ kg .....

6. Purchased		Hired animal labor NRs./ad .....
7. Purchased		Hired human labor NRs./pd .....

Part: N Crop calendar

(Please provide your actual variety and date of plantation, Harvesting and Marketing data for all crops produced by you within command area Before irrigation and in last one full year period) Note: Month Baisakh-1---Chaitra-12 , Week, 1,2 3,4

Season	Name Crop	Variety name		Sowing month/Week		Harvesting month/Week		Marketing month/Week		Remarks
		Before	After	Before	After	Before	After	Before	After	
Monsoon	Rice									
	Maize									
	Vegetable									
Winter	Maize									
	Wheat									
	Potato									
	Potato									
	Vegetable									
Spring	Rice									
	Rice									
	Wheat									
	Maize									
	Potato									
	Vegetable									

Count

		A9_Age_Group			Total
		0-14	15-59	60+	
Location of Land	Head	0	169	37	206
	Middle	3	561	154	718
	Tail	0	155	21	176
Total		3	885	212	1100

Total Population

Location of Land		N	Mean	Sum	Minimum	Maximum
Head	No. of M. l	205	2.49	511	1	8
	No. of	206	2.52	519	1	7
	Total No. of family	206	5.00	1030	2	11
Middle	No. of b	718	2.71	1946	1	10
	No.	716	2.63	1882	1	10
	of Total N o. of family	718	5.33	3828	1	16
Tail	No.	175	2.68	469	1	6
	of No. of M. l	174	2.57	448	1	6
	Total No. of family	176	5.23	921	1	11
Total	No. of b	1098	2.66	2926	1	10
	No.	1096	2.60	2849	1	10
	of Total N	1100	5.25	5779	1	16

Population engaged in the Agriculture

Location of Land		N	Mean	Sum	Minimum	Maximum
Head	Males in	198	2.26	448	1	7
	Female in	204	2.34	478	1	7
	Total	206	4.50	926	1	10
Middle	Males in b	656	1.56	1025	1	7
	Female in	688	1.62	1114	1	9
	Total	709	3.01	2135	1	13
Tail	Males in	157	1.63	256	1	5
	Female in	173	1.68	291	1	6
	Total	175	3.12	546	1	8
Total	Males in b	1011	1.71	1729	1	7
	Female in	1065	1.77	1883	1	9
	Total	1090	3.31	3607	1	13

% in agri 62.41564284

Location of Land * Educational attainment of Respondent Crosstabulation

Count

		Educational attainment of Respondent							
		Illiterate	literate	Primary Education	Lower Secondary	Secondary	Higher Secondary	Higher Education & Above	Total
Location of Land	Head	55	51	28	19	26	22	5	206

	Middle	191	223	55	69	98	63	19	718
	Tail	26	43	16	67	21	3	0	176
Total		272	317	99	155	145	88	24	1100

Location of Land * Caste /ethnic group Crosstabulation

Count

		Caste /ethnic group						
		Dalit	Janajati	Muslim	Adhibasi	Other	Brahmin/Chhetri	Total
Location of Land	Head	4	65	0	9	12	116	206
	Middle	24	115	1	166	5	407	718
	Tail	4	69	1	45	3	54	176
Total		32	249	2	220	20	577	1100

Location of Land * Family Member Crosstabulation

Count

		Family Member					
		1-2	3-4	5-6	7-8	9+	Total
Location of Land	Head	10	84	87	14	11	206
	Middle	20	239	310	110	39	718
	Tail	7	54	78	33	4	176
Total		37	377	475	157	54	1100

Location of Land * No. of Male Member Crosstabulation

Count

		No. of Male Member						
		0	1-2	3-4	5-6	7-8	9+	Total
Location of Land	Head	1	112	84	7	2	0	206
	Middle	0	343	327	41	4	3	718
	Tail	1	82	80	13	0	0	176
Total		2	537	491	61	6	3	1100

Location of Land * No. of Female Member Crosstabulation

Count

		No. of Female Member						
		0	1-2	3-4	5-6	7-8	9+	Total
Location of Land	Head	0	112	81	12	1	0	206
	Middle	2	372	294	44	5	1	718
	Tail	2	89	71	14	0	0	176
Total		4	573	446	70	6	1	1100

Location of Land * Males in agriculture Crosstabulation

Count

		Males in agriculture					
		0	1-2	3-4	5-6	7-8	Total
Location of Land	Head	8	123	67	7	1	206
	Middle	62	587	58	9	2	718
	Tail	19	139	16	2	0	176
Total		89	849	141	18	3	1100

Location of Land * Female in agriculture Crosstabulation

Count

		Female in agriculture						
		0	1-2	3-4	5-6	7-8	9+	Total
Location of Land	Head	2	129	63	11	1	0	206
	Middle	30	607	67	11	2	1	718
	Tail	3	146	24	3	0	0	176
Total		35	882	154	25	3	1	1100

Location of Land * Total Members in Agri Crosstabulation

Count

		Total Members in Agri						
		0	1-2	3-4	5-6	7-8	9+	Total
Location of Land	Head	0	27	94	62	14	9	206
	Middle	9	351	271	60	19	8	718
	Tail	1	82	61	28	4	0	176
Total		10	460	426	150	37	17	1100

Location of Land		Monthly income of family Before	Monthly income of family After	Income Source Agriculture	Income Source Livestock	Income Source Business	Income Source Monthly Salary	Income Source Pension	Income Source Remittance	Income Source Daily wages	Income Source Other	Income Source if Other
Head	N	200	200	201	4	17	14	1	58	71		206
	Median	50000.0000	100000.0000	1.00	2.00	2.00	2.00	2.00	2.00	2.00		
	Minimum	5000.00	10000.00	Primary	Primary	Primary	Primary	Secondary	Primary	Primary		
	Maximum	550000.00	1000000.00	Tertiary	Secondary	Tertiary	Tertiary	Secondary	Secondary	Tertiary		
Middle	N Median	718	718	665	338	125	69	11	262	78	3	718
	Minimum	70000.0000	100000.0000	2.00	2.00	2.00	1.00	2.00	2.00	2.00	1.00	
	Maximum	2000.00	6000.00	Primary	0	Primary	Primary	Primary	Primary	Primary	Pprimary	
Tail	N Median	1000000.00	2250000.00	Tertiary	Tertiary	Tertiary	Tertiary	Tertiary	Tertiary	Tertiary	Secondary	
	Minimum	175	176	173	82	31	16	1	45	34		176
	Maximum	50000.0000	70000.0000	1.00	2.00	2.00	1.00	3.00	2.00	1.50		
Total	N Median	10000.00	10000.00	Primary	Primary	Primary	Primary	Tertiary	Primary	Primary		
	Minimum	250000.00	1000000.00	Tertiary	Tertiary	Tertiary	Tertiary	Tertiary	Tertiary	Tertiary		
	Maximum	1093	1094	1039	424	173	99	13	365	183	3	1100
		60000.0000	100000.0000	1.00	2.00	2.00	1.00	2.00	2.00	2.00	1.00	
		2000.00	6000.00	Primary	0	Primary	Primary	Primary	Primary	Primary	Pprimary	
		1000000.00	2250000.00	Tertiary	Tertiary	Tertiary	Tertiary	Tertiary	Tertiary	Tertiary	Secondary	

Case Summaries

Location of Land		A18_Remittance_Before_percent
Head	N	1
	Median	1.0000
	Minimum	1.00
	Maximum	1.00
Total	N Median	1
	Minimum	1.0000
	Maximum	1.00

Location of Land		A18_Agri_After	A18_Livestock_After	A18_Business_After	A18_Salary_After	A18_Pension_After	A18_Remittance_After	A18_Wage_After	A18_Other_After
Head	N	202	4	18	17	1	97	69	
	Median	1.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.00000	
	Minimum	1.00	1.00	1.00	1.00	2.00	1.00	1.000	
	Maximum	3.00	2.00	3.00	3.00	2.00	4.00	3.000	
Middle	N Median	677	346	151	89	17	347	77	5
	Minimum	2.0000	2.0000	2.0000	1.0000	1.0000	2.0000	2.00000	1.0000
	Maximum	1.00	1.00	1.00	1.00	1.00	1.00	1.000	1.00
Tail	N Median	3.00	3.00	3.00	3.00	3.00	3.00	3.000	3.00
	Minimum	171	81	32	17	3	52	27	
	Maximum	1.0000	2.0000	2.0000	1.0000	1.0000	2.0000	2.00000	
Total	N Median	1.00	1.00	1.00	1.00	1.00	1.00	1.000	
	Minimum	3.00	3.00	3.00	3.00	3.00	3.00	3.000	
		1050	431	201	123	21	496	173	5
		1.0000	2.0000	2.0000	1.0000	1.0000	2.0000	2.00000	1.0000
		1.00	1.00	1.00	1.00	1.00	1.00	1.000	1.00

	Maximum	3.00	3.00	3.00	3.00

Case Summaries

Location of Land		Total agriculture land Ha	Land Owned by Family Ha	Own Irrigated Land Ha	Own Land Area Ha
Head	N	205	203	151	202
	Median	10.00000	10.00000	10.00000	10.00000
	Minimum	1.000	1.000	1.000	1.000
	Maximum	60.000	60.000	50.000	60.000
Middle	N Median	636	694	225	637
	Minimum	10.00000	10.00000	20.00000	10.00000
	Maximum	.018	.025	.500	.500
Tail	N Median	140.000	150.000	140.000	120.000
	Minimum	159	168	63	96
	Maximum	10.00000	11.50000	20.00000	10.00000
Total	N Median	1.000	.500	2.000	.500
	Minimum	405.000	410.000	200.000	40.000
	Maximum	1000	1065	439	935
		10.00000	10.00000	15.00000	10.00000
		.018	.025	.500	.500
		405.000	410.000	200.000	120.000

Case Summaries

Location of Land		Own Irrigated Land Area Before Ha	Own Unirrigated Land Area Before Ha	Own Irrigated Land Area After Ha	Own Unirrigated Land Area After Ha	Own Irrigated Land Area Before in Command Area Ha	Own Unirrigated Land Area Before in Command Area Ha	Own Irrigated Land Area After in Command Area Ha	Own Unirrigated Land Area After in Command Area Ha
Head	N	197	14	193	4	191	13	194	4
	Median	10.00000	9.50000	10.00000	2.00000	10.00000	7.00000	10.00000	2.00000
	Minimum	1.000	1.000	1.000	2.000	1.000	1.000	1.000	2.000
	Maximum	50.000	40.000	50.000	5.000	50.000	40.000	50.000	5.000
Middle	N Median	581	168	573	170	567	165	497	161
	Minimum	10.00000	4.00000	10.00000	3.50000	10.00000	3.00000	10.00000	3.00000
	Maximum	.750	.500	.750	.500	.750	.500	.750	.500
Tail	N Median	110.000	60.000	110.000	60.000	110.000	60.000	110.000	60.000
	Minimum	136	118	132	114	122	103	122	104
	Maximum	10.00000	2.00000	10.00000	2.00000	10.00000	2.00000	10.00000	2.00000
Total	N Median	1.000	0.000	0.000	.500	1.000	.500	1.000	.500
	Minimum	405.000	40.000	405.000	40.000	405.000	40.000	405.000	40.000
	Maximum	914	300	898	288	880	281	813	269
		10.00000	3.00000	10.00000	3.00000	10.00000	3.00000	10.00000	3.00000
		.750	0.000	0.000	.500	.750	.500	.750	.500
		405.000	60.000	405.000	60.000	405.000	60.000	405.000	60.000

Case Summaries

Location of Land		B22_1_Rent_Area	B22_1_Rent_Irri_Before	B22_1_Rent_Unirri_Before	B22_1_Rent_Irri_After	B22_1_Rent_Unirri_After	B22_1_Rent_Irri_Before_Com_Area	B22_1_Rent_Unirri_Before_Com_Area	B22_1_Rent_Irri_After_Com_Area	B22_1_Rent_Unirri_After_Com_Area	B22_1_R_Out_Area	B22_1_R_Out_Irri_Before
Head	N	13	12		12		12		12		7	7
	Median	20.00000	17.50000		17.50000		17.50000		17.50000		13.00000	20.00000
	Minimum	1.000	1.000		1.000		1.000		1.000		5.000	5.000
	Maximum	40.000	40.000		40.000		40.000		40.000		40.000	40.000
Middle	N Median	126	114	11	114	11	113	9	113	8	29	22
	Minimum	18.00000	18.00000	10.0000	18.00000	10.0000	18.00000	10.0000	18.00000	10.0000	20.00000	20.00000
	Maximum	1.000	1.000	2.00	1.000	2.00	1.000	2.00	1.000	2.00	2.000	2.000
Tail	N	80.000	80.000	40.00	80.000	40.00	80.000	40.00	80.000	40.00	110.000	40.000
	Median	23	34	11	31	11	27	8	27	8	5	8
		20.00000	17.50000	15.0000	20.00000	15.0000	20.00000	20.0000	20.00000	20.0000	20.00000	17.50000

	Minimum	1.000	1.000	1.00	1.000	1.00	1.000	4.00	1.000	4.00	8.000	8.000
	Maximum	80.000	60.000	60.00	60.000	60.00	60.000	60.00	60.000	60.00	30.000	20.000
Total	N	162	160	22	157	22	152	17	152	16	41	37
	Median	19.50000	18.00000	10.0000	18.00000	10.0000	20.00000	20.0000	20.00000	17.5000	20.00000	20.00000
	Minimum	1.000	1.000	1.00	1.000	1.00	1.000	2.00	1.000	2.00	2.000	2.000
	Maximum	80.000	60.000	60.00	60.000	60.00	80.000	60.00	80.000	60.00	110.000	40.000

Location of Land		C23_1_F_S_Year_Before	C23_1_F_S_Year_After	C23_2_If_No_Before	C23_2_If_No_After
Head	N	**Case Summaries** 206	206	19	22
	Median	1.00	1.00	6.00	6.500
	Minimum	Yes	Yes	4	4.0
	Maximum	No	7	11	12.0
Middle	N Median	705	701	31	84
	Minimum	1.00	1.00	4.00	6.000
	Maximum	Yes	Yes	1	2.0
Tail	N Median	No	No	12	12.0
	Minimum	176	176	2	20
	Maximum	1.00	1.00	7.00	6.000
Total	N Median	Yes	Yes	4	2.0
	Minimum	No	No	10	12.0
	Maximum	1087	1083	52	126
		1.00	1.00	6.00	6.000
		Yes	Yes	1	2.0
		No	7	12	12.0

Location of Land		D24_BS1_1_F_Pady_Prod	D24_BS1_1_F_Pady_Sold	D24_BS1_1_F_Pady_Rate	D24_BS1_1_F_Pady_Amt
Head	N	**Case Summaries**	40	40	40
	Median		1200.00	23.0000	30000.00
	Minimum		400	20.00	10000
	Maximum		4000	600.00	720000
Middle	N Median		303	303	303
	Minimum		1200.00	15.0000	24000.00
	Maximum		80	10.00	240
Tail	N Median		6800	850.00	3840000
	Minimum	1	93	93	92
	Maximum	120.00	1200.00	20.0000	29000.00
Total	N Median	120	60	13.00	1200
	Minimum	120	4000	72000.00	1200000
	Maximum	1	436	436	435
		120.00	1200.00	20.0000	24000.00
		120	60	10.00	240
		120	6800	72000.00	3840000

Location of Land * D24_BS1_1_F_Pady_Sale_Month Crosstabulation

Count

		D24_BS1_1_F_Pady_Sale_Month										
		Baisakh	Jestha	Asar	Srawan	Kartik	Mangsir	Poush	Magh	Falgun	Chaitra	Total
Location of Land	Head	0	0	0	0	0	0	36	1	0	0	37
	Middle	1	1	5	2	1	67	111	106	1	1	296
	Tail	1	0	0	0	0	4	70	13	1	0	89
Total		2	1	5	2	1	71	217	120	2	1	422

Location of Land * D24_BS1_1_F_Pady_Sold_Mar Crosstabulation

Count

	D24_BS1_1_F_Pady_Sold_Mar

		Home	Market	9	Total
Location of Land	Head	7	33	0	40
	Middle	39	264	0	303
	Tail	69	21	1	91
Total		115	318	1	434

Location of Land		D24_BS1_2_F_Wheat_Sold	D24_BS1_2_F_Wheat_Rate	D24_BS1_2_F_Wheat_Amt
Head	N	**Case Summaries** 5	5	5
	Median	400.0000	20.0000	10000.0000
	Minimum	160.00	10.00	1600.00
	Maximum	1200.00	25.00	24000.00
Middle	N Median	4	4	4
	Minimum	550.0000	15.0000	10000.0000
	Maximum	50.00	15.00	1500.00
Tail	N Median	1000.00	100.00	15000.00
	Minimum	1	1	1
	Maximum	1.000	1000.0000	18.0000	18000.0000
Total	N Median	1.0	1000.00	18.00	18000.00
	Minimum	1.0	1000.00	18.00	18000.00
	Maximum	1	10	10	10
		1.000	600.0000	19.0000	12500.0000
		1.0	50.00	10.00	1500.00
		1.0	1200.00	100.00	24000.00

Location of Land * D24_BS1_2_F_Wheat_Sale_Month Crosstabulation

Count

		D24_BS1_2_F_Wheat_Sale_Month			
		Baisakh	Magh	Chaitra	Total
Location of Land	Head	0	0	5	5
	Middle	1	1	2	4
	Tail	1	0	0	1
Total		2	1	7	10

Location of Land * D24_BS1_2_F_Wheat_Sold_Mar Crosstabulation

Count

		D24_BS1_2_F_Wheat_Sold_Mar		
		Home	Market	Total
Location of Land	Head	0	5	5
	Middle	1	3	4
	Tail	0	1	1
Total		1	9	10

Location of Land		D24_BS1_3_F_Maize_Sold	D24_BS1_3_F_Maize_Rate	D24_BS1_3_F_Maize_Amt
Head	N	**Case Summaries** 4	4	4
	Median	600.0000	20.0000	11100.0000
	Minimum	400.00	17.00	8000.00
	Maximum	1200.00	20.00	24000.00
Middle	N Median	25	25	25
	Minimum	400.0000	18.0000	6000.0000
	Maximum	6.00	10.00	120.00
Tail	N Median	1200.00	80.00	36000.00
	Minimum	12	12	12
	Maximum	260.0000	20.0000	6200.0000
		5.00	15.00	100.00
		800.00	50.00	13200.00

Total	N	41	41	41
	Median	400.0000	20.0000	6400.0000
	Minimum	5.00	10.00	100.00
	Maximum	1200.00	80.00	36000.00

Location of Land * D24_BS1_3_F_Maize_Sale_Month Crosstabulation

Count

		D24_BS1_3_F_Maize_Sale_Month									
		Baisakh	Jestha	Asar	Srawan	Bhadra	Asween	Poush	Magh	Falgun	Total
Location of Land	Head	0	3	1	0	0	0	0	0	0	4
	Middle	1	6	9	3	0	1	3	1	1	25
	Tail	0	2	1	4	2	0	0	0	0	9
Total		1	11	11	7	2	1	3	1	1	38

Location of Land * D24_BS1_3_F_Maize_Sold_Mar Crosstabulation

Count

		D24_BS1_3_F_Maize_Sold_Mar		
		Home	Market	Total
Location of Land	Head	1	3	4
	Middle	5	20	25
	Tail	5	6	11
Total		11	29	40

Case Summaries

Location of Land		D24_BS1_5_F_LentilOther_Sold	D24_BS1_5_F_LentilOther_Rate	D24_BS1_5_F_LentilOther_Amt
Middle	N	1	1	1
	Median	160.0000	3000.0000	480000.0000
	Minimum	160.00	3000.00	480000.00
	Maximum	160.00	3000.00	480000.00
Total	N Median	1	1	1
	Minimum	160.0000	3000.0000	480000.0000
	Maximum	160.00	3000.00	480000.00
		160.00	3000.00	480000.00

Location of Land * D24_BS1_5_F_LentilOther_Sale_Month

Count

		D24_BS1_5_F_LentilOther_Sale_Month	
		Mangsir	Total
Location of Land	Middle	1	1
Total		1	1

Location of Land * D24_BS1_5_F_LentilOther_Sold_Mar

Count

		D24_BS1_5_F_LentilOther_Sold_Mar	
		Market	Total
Location of Land	Middle	1	1
Total		1	1

Case Summaries

Location of Land		D24_BS2_6_V_G_Leaves_Sold	D24_BS2_6_V_G_Leaves_Rate	D24_BS2_6_V_G_Leaves_Amt
Middle	N	12	12	12
	Median	40.0000	20.0000	1100.0000
	Minimum	20.00	10.00	300.00

	Maximum	100.00	60.00	3000.00
Tail	N	3	3	4
	Median	100.0000	10.0000	1500.0000
	Minimum	20.00	10.00	400.00
	Maximum	200.00	20.00	5000.00
Total	N	15	15	16
	Median	40.0000	20.0000	1100.0000
	Minimum	20.00	10.00	300.00
	Maximum	200.00	60.00	5000.00

Location of Land * D24_BS2_6_V_G_Leaves_Sale_Month Crosstabulation

Count

		D24_BS2_6_V_G_Leaves_Sale_Month				
		Baisakh	Kartik	Magh	Chaitra	Total
Location of Land	Middle	3	2	2	3	10
	Tail	0	0	0	1	1
Total		3	2	2	4	11

Location of Land * D24_BS2_6_V_G_Leaves_Sold_Mar

Count

		D24_BS2_6_V_G_Leaves_Sold_Mar	
		Market	Total
Location of Land	Middle	12	12
	Tail	3	3
Total		15	15

Case Summaries

Location of Land		D24_BS2_7_V_Potato_Sold	D24_BS2_7_V_Potato_Rate	D24_BS2_7_V_Potato_Amt
Middle	N	18	18	18
	Median	105.0000	22.5000	2400.0000
	Minimum	15.00	20.00	600.00
	Maximum	600.00	40.00	16000.00
Tail	N Median	11	11	12
	Minimum	200.0000	20.0000	6500.0000
	Maximum	50.00	15.00	1250.00
Total	N Median	500.00	60.00	40000.00
	Minimum	29	29	30
	Maximum	120.0000	20.0000	3600.0000
		15.00	15.00	600.00
		600.00	60.00	40000.00

Location of Land * D24_BS2_7_V_Potato_Sale_Month Crosstabulation

Count

		D24_BS2_7_V_Potato_Sale_Month						
		Asar	Mangsir	Poush	Magh	Falgun	Chaitra	Total
Location of Land	Middle	1	0	0	2	5	5	13
	Tail	0	1	2	4	1	1	9
Total		1	1	2	6	6	6	22

Count

		D24_BS2_7_V_Potato_Sold_Mar		
		Home	Market	Total
Location of Land	Middle	0	18	18
	Tail	1	10	11
Total		1	28	29

Location of Land * D24_BS2_7_V_Potato_Sold_Mar Crosstabulation

Case Summaries

Location of Land		D24_BS2_9_V_LivestockOther_Sold	D24_BS2_9_V_LivestockOther_Rate	D24_BS2_9_V_LivestockOther_Amt
Middle	N	25	25	25
	Median	2.0000	500.0000	6000.0000
	Minimum	1.00	40.00	40.00
	Maximum	20.00	16000.00	120000.00
Tail	N Median	42	42	40
	Minimum	4.5000	3750.0000	10000.0000
	Maximum	1.00	200.00	900.00
Total	N Median	100.00	10000.00	200000.00
	Minimum	67	67	65
	Maximum	3.0000	3500.0000	10000.0000
		1.00	40.00	40.00
		100.00	16000.00	200000.00

Location of Land * D24_BS2_9_V_LivestockOther_Sale_Month Crosstabulation

Count

		D24_BS2_9_V_LivestockOther_Sale_Month										
		Baisakh	Jestha	Asar	Srawan	Bhadra	Asween	Kartik	Poush	Magh	Falgun	Chaitra
Location of Land	Middle	0	0	0	0	1	9	1	0	0	1	2
	Tail	3	2	1	7	1	6	3	3	1	4	2
Total		3	2	1	7	2	15	4	3	1	5	4

Location of Land * D24_BS2_9_V_LivestockOther_Sold_Mar Crosstabulation

Count

		D24_BS2_9_V_LivestockOther_Sold_Mar		
		Home	Market	Total
Location of Land	Middle	7	18	25
	Tail	19	19	38
Total		26	37	63

Case Summaries

Location of Land		D24_BS3_10_O_ToriOther_Sold	D24_BS3_10_O_ToriOther_Rate	D24_BS3_10_O_ToriOther_Amt
Middle	N	2	2	2
	Median	425.0000	42.5000	26500.0000
	Minimum	50.00	20.00	1000.00
	Maximum	800.00	65.00	52000.00
Tail	N Median	4	4	7
	Minimum	550.0000	20.0000	30000.0000
	Maximum	40.00	10.00	1000.00
Total	N Median	2000.00	50.00	50000.00
	Minimum	6	6	9
	Maximum	450.0000	20.0000	30000.0000
		40.00	10.00	1000.00
		2000.00	65.00	52000.00

Location of Land * D24_BS3_10_O_ToriOther_Sale_Month Crosstabulation

Count

		D24_BS3_10_O_ToriOther_Sale_Month		
		Falgun	Chaitra	Total
Location of Land	Middle	0	1	1
	Tail	1	0	1
Total		1	1	2

Location of Land * D24_BS3_10_O_ToriOther_Sold_Mar Crosstabulation

Count

		D24_BS3_10_O_ToriOther_Sold_Mar		
		Home	Market	Total
Location of Land	Middle	1	1	2
	Tail	1	5	6
Total		2	6	8

Location of Land		D24_AS1_1_F_Pady_Sold	D24_AS1_1_F_Pady_Rate	D24_AS1_1_F_Pady_Amt
Head	N	**Case Summaries** 109	109	109
	Median	600.0000	25.0000	15000.0000
	Minimum	160.00	18.00	4000.00
	Maximum	8000.00	900.00	1440000.00
Middle	N Median	330	330	330
	Minimum	1600.0000	25.0000	41400.0000
	Maximum	12.00	8.00	1000.00
Tail	N Median	8000.00	900.00	5400000.00
	Minimum	94	94	94
	Maximum	1200.0000	23.0000	36800.0000
Total	N Median	40.00	18.00	1000.00
	Minimum	4000.00	900.00	3240000.00
	Maximum	533	533	533
		1200.0000	25.0000	35000.0000
		12.00	8.00	1000.00
		8000.00	900.00	5400000.00

Location of Land * D24_AS1_1_F_Pady_Sale_Month Crosstabulation

Count

		D24_AS1_1_F_Pady_Sale_Month								
		Baisakh	Jestha	Asar	Mangsir	Poush	Magh	Falgun	Chaitra	Total
Location of Land	Head	0	0	0	1	87	14	3	1	106
	Middle	1	1	6	72	125	109	3	0	317
	Tail	0	0	0	2	70	19	3	0	94
Total		1	1	6	75	282	142	9	1	517

Location of Land * D24_AS1_1_F_Pady_Sold_Mar Crosstabulation

Count

		D24_AS1_1_F_Pady_Sold_Mar				
		Home	Market	8	9	Total
Location of Land	Head	78	30	0	0	108
	Middle	39	288	1	1	329
	Tail	70	24	0	0	94
Total		187	342	1	1	531

Location of Land		D24_AS1_2_F_Wheat_Prod	D24_AS1_2_F_Wheat_Sold	D24_AS1_2_F_Wheat_Rate	D24_AS1_2_F_Wheat_Amt
Head	N	**Case Summaries**	26	26	26
	Median		200.0000	25.0000	5000.0000
	Minimum		80.00	13.00	1120.00
	Maximum		1200.00	28.00	30000.00
Middle	N Median	2	5	5	5
	Minimum	2.0000	1200.0000	18.0000	21600.0000
	Maximum	2.00	60.00	15.00	3000.00
Tail	N Median	2.00	1400.00	100.00	35000.00
	Minimum		1	1	1
			600.0000	15.0000	9000.0000
			600.00	15.00	9000.00

	Maximum		600.00	15.00	9000.00
Total	N	2	32	32	32
	Median	2.0000	200.0000	25.0000	5000.0000
	Minimum	2.00	60.00	13.00	1120.00
	Maximum	2.00	1400.00	100.00	35000.00

Location of Land * D24_AS1_2_F_Wheat_Sale_Month Crosstabulation

Count

		D24_AS1_2_F_Wheat_Sale_Month					
		Baisakh	Asar	Srawan	Magh	Chaitra	Total
Location of Land	Head	0	0	15	0	11	26
	Middle	1	0	0	1	3	5
	Tail	0	1	0	0	0	1
Total		1	1	15	1	14	32

Location of Land * D24_AS1_2_F_Wheat_Sold_Mar Crosstabulation

Count

		D24_AS1_2_F_Wheat_Sold_Mar		
		Home	Market	Total
Location of Land	Head	24	2	26
	Middle	1	4	5
	Tail	0	1	1
Total		25	7	32

Case Summaries

Location of Land		D24_AS1_3_F_Maize_Sold	D24_AS1_3_F_Maize_Rate	D24_AS1_3_F_Maize_Amt
Head	N	15	16	16
	Median	280.0000	25.0000	5500.0000
	Minimum	80.00	15.00	20.00
	Maximum	1400.00	1800.00	720000.00
Middle	N Median	27	27	27
	Minimum	400.0000	20.0000	16000.0000
	Maximum	10.00	15.00	500.00
Tail	N Median	3600.00	80.00	108000.00
	Minimum	8	8	8
	Maximum	320.0000	18.0000	4400.0000
Total	N Median	160.00	12.50	4.00
	Minimum	3600.00	136800.00	7200.00
	Maximum	50	51	51
		400.0000	20.0000	6400.0000
		10.00	12.50	4.00
		3600.00	136800.00	720000.00

Location of Land * D24_AS1_3_F_Maize_Sale_Month Crosstabulation

Count

		D24_AS1_3_F_Maize_Sale_Month									
		Baisakh	Jestha	Asar	Srawan	Poush	Magh	Falgun	Chaitra	6400	Total
Location of Land	Head	2	3	1	2	0	0	0	6	1	15
	Middle	3	6	8	3	1	1	3	2	0	27
	Tail	0	3	0	4	0	0	0	0	0	7
Total		5	12	9	9	1	1	3	8	1	49

Location of Land * D24_AS1_3_F_Maize_Sold_Mar Crosstabulation

Count

		D24_AS1_3_F_Maize_Sold_Mar			
		Home	Market	4	Total
Location of Land	Head	10	4	1	15
	Middle	6	21	0	27

	Tail	0	6	0	6
Total		16	31	1	48

Case Summaries

Location of Land		D24_AS1_4_F_Millet_Prod
Head	N	1
	Median	1.0000
	Minimum	1.00
	Maximum	1.00
Total	N Median	1
	Minimum	1.0000
	Maximum	1.00
		1.00

Case Summaries

Location of Land		D24_AS1_5_F_LentilOther_Sold	D24_AS1_5_F_LentilOther_Rate	D24_AS1_5_F_LentilOther_Amt
Middle	N	1	1	1
	Median	160.0000	2500.0000	400000.0000
	Minimum	160.00	2500.00	400000.00
	Maximum	160.00	2500.00	400000.00
Total	N Median	1	1	1
	Minimum	160.0000	2500.0000	400000.0000
	Maximum	160.00	2500.00	400000.00
		160.00	2500.00	400000.00

Location of Land * D24_AS1_5_F_LentilOther_Sale_Month

Count

		D24_AS1_5_F_LentilOther_Sale_Month	
		Mangsir	Total
Location of Land	Middle	1	1
Total		1	1

Location of Land * D24_AS1_5_F_LentilOther_Sold_Mar

Count

		D24_AS1_5_F_LentilOther_Sold_Mar	
		Market	Total
Location of Land	Middle	1	1
Total		1	1

Case Summaries

Location of Land		D24_AS2_6_V_G_Leaves_Sold	D24_AS2_6_V_G_Leaves_Rate	D24_AS2_6_V_G_Leaves_Amt
Middle	N	14	14	14
	Median	40.0000	25.0000	1350.0000
	Minimum	20.00	20.00	600.00
	Maximum	100.00	60.00	3600.00
Tail	N Median	3	3	4
	Minimum	100.0000	15.0000	2000.0000
	Maximum	35.00	10.00	875.00
Total	N Median	200.00	25.00	20000.00
	Minimum	17	17	18
	Maximum	40.0000	20.0000	1350.0000
		20.00	10.00	600.00
		200.00	60.00	20000.00

Location of Land * D24_AS2_6_V_G_Leaves_Sale_Month Crosstabulation

Count

		D24_AS2_6_V_G_Leaves_Sale_Month					
		Baisakh	Kartik	Magh	Falgun	Chaitra	Total
Location of Land	Middle	4	1	2	1	2	10
	Tail	0	0	0	0	1	1
Total		4	1	2	1	3	11

Location of Land * D24_AS2_6_V_G_Leaves_Sold_Mar

Count

		D24_AS2_6_V_G_Leaves_Sold_Mar	
		Market	Total
Location of Land	Middle	14	14
	Tail	2	2
Total		16	16

Case Summaries

Location of Land		D24_AS2_7_V_Potato_Sold	D24_AS2_7_V_Potato_Rate	D24_AS2_7_V_Potato_Amt
Middle	N	41	41	41
	Median	160.0000	25.0000	4000.0000
	Minimum	10.00	18.00	200.00
	Maximum	1600.00	80.00	64000.00
Tail	N Median	10	10	11
	Minimum	200.0000	20.0000	4200.0000
	Maximum	80.00	20.00	1600.00
Total	N Median	200.00	35.00	40000.00
	Minimum	51	51	52
	Maximum	200.0000	25.0000	4000.0000
		10.00	18.00	200.00
		1600.00	80.00	64000.00

Location of Land * D24_AS2_7_V_Potato_Sale_Month Crosstabulation

Count

		D24_AS2_7_V_Potato_Sale_Month							
		Baisakh	Srawan	Mangsir	Poush	Magh	Falgun	Chaitra	Total
Location of Land	Middle	2	1	5	0	7	18	4	37
	Tail	0	0	0	1	2	3	1	7
Total		2	1	5	1	9	21	5	44

Location of Land * D24_AS2_7_V_Potato_Sold_Mar Crosstabulation

Count

		D24_AS2_7_V_Potato_Sold_Mar			
		0	Home	Market	Total
Location of Land	Middle	1	3	36	40
	Tail	0	0	9	9
Total		1	3	45	49

Case Summaries

Location of Land		D24_AS2_8_V_Onion_Prod	D24_AS2_8_V_Onion_Sold	D24_AS2_8_V_Onion_Rate	D24_AS2_8_V_Onion_Amt
Middle	N		21	21	21
	Median		40.0000	50.0000	2400.0000
	Minimum		10.00	15.00	700.00
	Maximum		240.00	100.00	14400.00
Tail	N	1	6	6	6
	Median	2000.0000	100.0000	22.5000	2250.0000

	Minimum	2000.00	25.00	20.00	1400.00
	Maximum	2000.00	400.00	50000.00	100000.00
Total	N	1	27	27	27
	Median	2000.0000	40.0000	40.0000	2400.0000
	Minimum	2000.00	10.00	15.00	700.00
	Maximum	2000.00	400.00	50000.00	100000.00

Location of Land * D24_AS2_8_V_Onion_Sale_Month Crosstabulation

Count

		D24_AS2_8_V_Onion_Sale_Month							
		Baisakh	Jestha	Srawan	Poush	Magh	Falgun	Chaitra	Total
Location of Land	Middle	1	2	2	2	1	2	9	19
	Tail	0	1	0	0	1	0	1	3
Total		1	3	2	2	2	2	10	22

Location of Land * D24_AS2_8_V_Onion_Sold_Mar Crosstabulation

Count

		D24_AS2_8_V_Onion_Sold_Mar	
		Market	Total
Location of Land	Middle	21	21
	Tail	4	4
Total		25	25

Case Summaries

Location of Land		D24_AS2_9_V_Tomato_Sold	D24_AS2_9_V_Tomato_Rate	D24_AS2_9_V_Tomato_Amt
Middle	N	9	10	10
	Median	50.0000	20.0000	1400.0000
	Minimum	20.00	20.00	30.00
	Maximum	1400.00	100.00	35000.00
Tail	N Median	2	2	3
	Minimum	300.0000	35.0000	4000.0000
	Maximum	200.00	20.00	2000.00
Total	N Median	400.00	50.00	5000.00
	Minimum	11	12	13
	Maximum	50.0000	20.0000	2000.0000
		20.00	20.00	30.00
		1400.00	100.00	35000.00

Location of Land * D24_AS2_9_V_Tomato_Sale_Month Crosstabulation

Count

		D24_AS2_9_V_Tomato_Sale_Month					
		Asar	Srawan	Falgun	Chaitra	600	Total
Location of Land	Middle	0	4	2	1	1	8
	Tail	1	0	0	0	0	1
Total		1	4	2	1	1	9

Location of Land * D24_AS2_9_V_Tomato_Sold_Mar Crosstabulation

Count

		D24_AS2_9_V_Tomato_Sold_Mar		
		Market	4	Total
Location of Land	Middle	9	1	10
	Tail	1	0	1
Total		10	1	11

Case Summaries

Location of Land	D24_AS2_10_V_Cauli_Prod	D24_AS2_10_V_Cauli_Sold	D24_AS2_10_V_Cauli_Rate	D24_AS2_10_V_Cauli_Amt

Middle	N	1	9	10	10
	Median	2.0000	50.0000	27.5000	1200.0000
	Minimum	2.00	20.00	20.00	80.00
	Maximum	2.00	400.00	50.00	12000.00
Tail	N Median		10	10	11
	Minimum		300.0000	50.0000	16000.0000
	Maximum		100.00	15.00	1500.00
Total	N Median		2000.00	80.00	160000.00
	Minimum	1	19	20	21
	Maximum	2.0000	200.0000	30.0000	4000.0000
		2.00	20.00	15.00	80.00
		2.00	2000.00	80.00	160000.00

Location of Land * D24_AS2_10_V_Cauli_Sale_Month Crosstabulation

Count

		D24_AS2_10_V_Cauli_Sale_Month										
		Baisakh	Jestha	Srawan	Bhadra	Asween	Kartik	Poush	Magh	Falgun	4000	Total
Location of Land	Middle	2	2	1	1	0	0	2	1	0	1	10
	Tail	0	0	0	0	1	2	0	2	2	0	7
Total		2	2	1	1	1	2	2	3	2	1	17

Location of Land * D24_AS2_10_V_Cauli_Sold_Mar Crosstabulation

Count

		D24_AS2_10_V_Cauli_Sold_Mar		
		Market	7	Total
Location of Land	Middle	9	1	10
	Tail	9	0	9
Total		18	1	19

Location of Land		D24_AS2_11_V_Cabbage_Prod	D24_AS2_11_V_Cabbage_Sold	D24_AS2_11_V_Cabbage_Rate	D24_AS2_11_V_Cabbage_Amt
Head	N	**Case Summaries**	1	1	1
	Median		1000.0000	15.0000	15000.0000
	Minimum		1000.00	15.00	15000.00
	Maximum		1000.00	15.00	15000.00
Middle	N Median	1	5	5	5
	Minimum	2.0000	70.0000	22.0000	1540.0000
	Maximum	2.00	50.00	10.00	1250.00
Tail	N Median	2.00	400.00	25.00	4000.00
	Minimum		1	1	2
	Maximum		100.0000	10.0000	3000.0000
Total	N Median		100.00	10.00	1000.00
	Minimum		100.00	10.00	5000.00
	Maximum	1	7	7	8
		2.0000	100.0000	15.0000	1770.0000
		2.00	50.00	10.00	1000.00
		2.00	1000.00	25.00	15000.00

Location of Land * D24_AS2_11_V_Cabbage_Sale_Month Crosstabulation

Count

		D24_AS2_11_V_Cabbage_Sale_Month			
		Srawan	Falgun	Chaitra	Total
Location of Land	Head	0	1	0	1
	Middle	1	0	3	4
Total		1	1	3	5

Location of Land * D24_AS2_11_V_Cabbage_Sold_Mar Crosstabulation

Count

		D24_AS2_11_V_Cabbage_Sold_Mar		
		Home	Market	Total
Location of Land	Head	1	0	1
	Middle	1	4	5
Total		2	4	6

Case Summaries

Location of Land		D24_AS2_12_V_ToriOther_Sold	D24_AS2_12_V_ToriOther_Rate	D24_AS2_12_V_ToriOther_Amt
Middle	N	2	2	2
	Median	2.0000	50.0000	100.0000
	Minimum	2.00	50.00	100.00
	Maximum	2.00	50.00	100.00
Tail	N Median	1	1	3
	Minimum	25.0000	400.0000	40000.0000
	Maximum	25.00	400.00	10000.00
Total	N Median	25.00	400.00	405000.00
	Minimum	3	3	5
	Maximum	2.0000	50.0000	10000.0000
		2.00	50.00	100.00
		25.00	400.00	405000.00

Location of Land * D24_AS2_12_V_ToriOther_Sale_Month

Count

		D24_AS2_12_V_ToriOther_Sale_Month	
		Chaitra	Total
Location of Land	Middle	1	1
Total		1	1

Location of Land * D24_AS2_12_V_ToriOther_Sold_Mar

Count

		D24_AS2_12_V_ToriOther_Sold_Mar	
		Market	Total
Location of Land	Middle	2	2
	Tail	1	1
Total		3	3

Case Summaries

Location of Land		D24_AS3_13_S_Chilli_Sold	D24_AS3_13_S_Chilli_Rate	D24_AS3_13_S_Chilli_Amt
Middle	N	17	17	17
	Median	20.0000	100.0000	2400.0000
	Minimum	10.00	80.00	1000.00
	Maximum	180.00	150.00	14400.00
Tail	N Median	1	1	1
	Minimum	40.0000	100.0000	4000.0000
	Maximum	40.00	100.00	4000.00
Total	N Median	40.00	100.00	4000.00
	Minimum	18	18	18
	Maximum	20.0000	100.0000	2400.0000
		10.00	80.00	1000.00
		180.00	150.00	14400.00

Location of Land * D24_AS3_13_S_Chilli_Sale_Month Crosstabulation

Count

		D24_AS3_13_S_Chilli_Sale_Month		
		Baisakh	Chaitra	Total
Location of Land	Middle	1	4	5
	Tail	1	0	1
Total		2	4	6

Location of Land * D24_AS3_13_S_Chilli_Sold_Mar Crosstabulation

Count

		D24_AS3_13_S_Chilli_Sold_Mar	
		Market	Total
Location of Land	Middle	17	17
	Tail	1	1
Total		18	18

Case Summaries

Location of Land		D24_AS3_15_S_MilkgheeOther_Sold	D24_AS3_15_S_MilkgheeOther_Rate	D24_AS3_15_S_MilkgheeOther_Amt
Middle	N	17	17	17
	Median	2.0000	50.0000	100.0000
	Minimum	1.00	40.00	50.00
	Maximum	32.00	60.00	1920.00
Tail	N Median	4	4	4
	Minimum	26.0000	46.0000	1050.0000
	Maximum	5.00	40.00	350.00
Total	N Median	42.00	70.00	2100.00
	Minimum	21	21	21
	Maximum	2.0000	50.0000	100.0000
		1.00	40.00	50.00
		42.00	70.00	2100.00

Location of Land * D24_AS3_15_S_MilkgheeOther_Sold_Mar Crosstabulation

Count

		D24_AS3_15_S_MilkgheeOther_Sold_Mar		
		Home	Market	Total
Location of Land	Middle	7	9	16
	Tail	3	1	4
Total		10	10	20

Case Summaries

Location of Land		D24_AS4_15_LivestockOther_Crop_Prod	D24_AS4_15_LivestockOther_Crop_Sold	D24_AS4_15_LivestockOther_Crop_Rate	D24_AS4_15_LivestockOther_Crop_Amt
Middle	N	1	20	20	20
	Median	2.0000	3.0000	8750.0000	23250.0000
	Minimum	2.00	1.00	300.00	12.00
	Maximum	2.00	50.00	50000.00	240000.00
Tail	N Median		40	40	40
	Minimum		2.0000	5750.0000	16000.0000
	Maximum		1.00	300.00	400.00
Total	N Median		40.00	100000.00	100000.00
	Minimum	1	60	60	60
	Maximum	2.0000	3.0000	8000.0000	17250.0000
		2.00	1.00	300.00	12.00
		2.00	50.00	100000.00	240000.00

Location of Land * D24_AS4_15_LivestockOther_Crop_Sale_Month Crosstabulation

Count

		D24_AS4_15_LivestockOther_Crop_Sale_Month										
		Baisakh	Jestha	Asar	Srawan	Bhadra	Asween	Kartik	Mangsir	Poush	Magh	Falgun
Location of Land	Middle	0	1	0	1	1	13	1	2	0	0	0
	Tail	1	3	1	1	2	9	3	1	3	3	8
Total		1	4	1	2	3	22	4	3	3	3	8

Location of Land * D24_AS4_15_LivestockOther_Crop_Sold_Mar Crosstabulation

Count

		D24_AS4_15_LivestockOther_Crop_Sold_		
		Home	Market	Total
Location of Land	Middle	9	10	19
	Tail	14	26	40
Total		23	36	59

Case Summaries

Location of Land		E25_1_Parti_Construct_Cash_Year	E25_1_Parti_Construct_Lab_Md_WR	E25_2_Parti_Operation_Cash_Year	E25_2_Parti_Operation_Kind_Mt_Rate	E25_2_Parti_Operation_Lab_Md_WR
Head	N			168		183
	Median			200.0000		1.0000
	Minimum			10.00		1.00
	Maximum			1000.00		16.00
Middle	N Median	231	2	247	1	12
	Minimum	140.0000	2.0000	200.0000	100.0000	1.0000
	Maximum	15.00	1.00	30.00	100.00	1.00
Tail	N Median	2000.00	3.00	2500.00	100.00	5.00
	Minimum	1	1	88		8
	Maximum	500.0000	2.0000	150.0000		2.0000
Total	N Median	500.00	2.00	5.00		1.00
	Minimum	500.00	2.00	1000.00		3.00
	Maximum	232	3	503	1	203
		140.0000	2.0000	200.0000	100.0000	1.0000
		15.00	1.00	5.00	100.00	1.00
		2000.00	3.00	2500.00	100.00	16.00

Location of Land * E27_Memb_WUA Crosstabulation

Count

		E27_Memb_WUA		
		Yes	No	Total
Location of Land	Head	8	194	202
	Middle	64	651	715
	Tail	35	141	176
Total		107	986	1093

Location of Land * E27_1_If_Yes_Meet_Regu Crosstabulation

Count

		E27_1_If_Yes_Meet_Regu		
		Yes	No	Total
Location of Land	Head	3	0	3
	Middle	136	7	143
	Tail	8	3	11
Total		147	10	157

Location of Land * E28_Memb_FG Crosstabulation

Count

		E28_Memb_FG		
		Yes	No	Total
Location of Land	Head	10	191	201
	Middle	85	630	715

	Tail	35	140	175
Total		130	961	1091

Location of Land * E29_Faced_Conflicts Crosstabulation

Count

		E29_Faced_Conflicts		
		Yes	No	Total
Location of Land	Head	0	1	1
	Middle	12	413	425
	Tail	2	36	38
Total		14	450	464

Location of Land * E30_Manage_Conflicts Crosstabulation

Count

		E30_Manage_Conflicts	
			Total
Location of Land	Head	206	206
	Middle	718	718
	Tail	176	176
Total		1100	1100

Location of Land * F31_1_Creadit_Before Crosstabulation

Count

		F31_1_Creadit_Before		
		Yes	No	Total
Location of Land	Head	6	5	11
	Middle	114	36	150
	Tail	60	21	81
Total		180	62	242

Location of Land		F31_Before_1_Irri_Dev_Period	F31_Before_1_Irri_Dev_Loan_Amt	F31_Before_1_Irri_Dev_Pro_Source_1Bank	F31_Before_1_Irri_Dev_Pro_Source_3Coop	F31_Before_1_Irri_Dev_Pro_Source_4Person	F31_Before_1_Irri_Dev_Pro_Source_5Group	F31_Before_2_Agri_Farm_Period	F31_Before_2_Agri_Farm_Loan_Amt	F31_Before_2_Agri_Farm_Pro_Source_1Bank	F31_Before_2_Agri_Farm_Pro_Source_2M_Fin	F31_Before_2_Agri_Farm_Pro_Source_3Coop
Head	N	2	2	1			1					
	Median	24.00	170000.00	1.00			1.00					
	Minimum	12	40000	1			1					
	Maximum	36	300000	1			1					
Middle	N Median	21	21	1	7	11	3	57	57	4	4	26
	Minimum	12.00	70000.00	1.00	1.00	1.00	1.00	12.00	30000.0000	1.0000	1.0000	1.0000
	Maximum	1 Year	2000	1	1	1	1	6 Month	5000.00	1.00	1.00	1.00
Tail	N Median	60	800000	1	1	1	1	36	400000.00	1.00	1.00	1.00
	Minimum	1	1		1			20	20		3	6
	Maximum	24.00	200000.00		1.00			12.00	50000.0000		1.0000	1.0000
Total	N Median	24	200000		1			3 Month	10000.00		1.00	1.00
	Minimum	24	200000		1			12	200000.00		1.00	1.00
	Maximum	24	24	2	8	11	4	77	77	4	7	32
		12.00	85000.00	1.00	1.00	1.00	1.00	12.00	40000.0000	1.0000	1.0000	1.0000
		1 Year	2000	1	1	1	1	6 Month	5000.00	1.00	1.00	1.00
		60	800000	1	1	1	1	36	400000.00	1.00	1.00	1.00

Location of Land		G33_Cash_Exp_Trad_Seed_Nrs_Before	G33_Cash_Exp_Trad_Seed_Nrs_After	G33_Cash_Exp_Fertilizer_Nrs_Before	G33_Cash_Exp_Fertilizer_Nrs_After	G33_Cash_Exp_Pesticides_Nrs_Before	G33_Cash_Exp_Pesticides_Nrs_After	G33_Cash_Exp_Irri_Wat_ISF_Nrs_Before	G33_Cash_Exp_Irri_Wat_Lab_Nrs_After	G33_Cash_Exp_Agri_Mach_Nrs_Before	G33_Cash_Exp_Agri_Mach_Nrs_After	G33_Cash_Exp_Ani_Lab_Nrs_Before
Head	N	30	163	55	173	6	12	108	144	61	96	64
	Median	750.0000	1200.0000	2000.0000	4000.0000	700.0000	200.0000	155.0000	210.0000	1500.0000	4000.0000	4000.0000

	Minimum	30.00	5.00	30.00	30.00	105.00	105.00	15.00	15.00	20.00	20.00	600.00
	Maximum	5000.00	25000.00	100000.00	350000.00	1500.00	30000.00	2000.00	50000.00	80000.00	50000.00	20000.00
Middle	N	361	600	492	666	36	44	473	589	351	469	430
	Median	1500.0000	2000.0000	2000.0000	2900.0000	500.0000	550.0000	200.0000	300.0000	2000.0000	1800.0000	3000.0000
	Minimum	50.00	60.00	50.00	70.00	100.00	100.00	10.00	15.00	20.00	30.00	50.00
	Maximum	22000.00	30000.00	20000.00	35000.00	6000.00	10000.00	15000.00	20000.00	25000.00	30000.00	20000.00
Tail	N	73	83	91	85	28	29	80	78	152	150	35
	Median	2000.0000	2500.0000	3000.0000	3500.0000	500.0000	600.0000	180.0000	300.0000	10000.0000	12000.0000	6000.0000
	Minimum	600.00	30.00	60.00	50.00	20.00	30.00	20.00	30.00	50.00	80.00	1000.00
	Maximum	15000.00	12000.00	35000.00	100000.00	5000.00	6000.00	7000.00	9000.00	65600.00	250000.00	16000.00
Total	N	464	846	638	924	70	85	661	811	564	715	529
	Median	1500.0000	2000.0000	2000.0000	3000.0000	500.0000	500.0000	200.0000	300.0000	2500.0000	3000.0000	3000.0000
	Minimum	30.00	5.00	30.00	30.00	20.00	30.00	10.00	15.00	20.00	20.00	50.00
	Maximum	22000.00	30000.00	100000.00	350000.00	6000.00	30000.00	15000.00	50000.00	80000.00	250000.00	20000.00

Location of Land		I34_1_Fem_Parti_Land_Prep_100_Fem_Before	I34_1_Fem_Parti_Land_Prep_100_Fem_After	I34_1_Fem_Parti_Land_Prep_Fem_Higher_Before	I34_1_Fem_Parti_Land_Prep_Fem_Higher_After	I34_1_Fem_Parti_Land_Prep_Fem_Lower_Before	I34_1_Fem_Parti_Land_Prep_Fem_Lower_After	I34_1_Fem_Parti_Land_Prep_Fem_Nil_Before	I34_1_Fem_Parti_Land_Prep_Fem_Nil_After	I34_2_Fem_Parti_Manure_100_Fem_Before	I34_2_Fem_Parti_Manure_100_Fem_After	I34_2_Fem_Parti_Manure_Fem_Higher_Before
Head	N	12	12	79	79	103	102	57	57	122	122	26
	Median	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
	Minimum	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	Maximum	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Middle	N Median	20	20	123	123	126	124	365	364	35	32	139
	Minimum	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
	Maximum	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Tail	N Median	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	Minimum	24	25	5	5	20	21	77	76	30	29	6
	Maximum	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total	N Median	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	Minimum	1.00	5.00	1.00	1.00	1.00	1.00	1.00	1.00	10.00	10.00	1.00
	Maximum	56	57	207	207	249	247	499	497	187	183	171
		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		1.00	5.00	1.00	1.00	1.00	1.00	1.00	1.00	10.00	10.00	1.00

Location of Land * J35_Training_Yes_No Crosstabulation

Count

		J35_Training_Yes_No		
		Yes	No	Total
Location of Land	Head	3	174	177
	Middle	30	676	706
	Tail	20	155	175
Total		53	1005	1058

Location of Land		**Case Summaries** J35_1_Yes_Water_mgmt_Nos_Traing	J35_1_Yes_Water_mgmt_Parti_Female_Nos	J35_1_Yes_Water_mgmt_Parti_Male_Nos
Middle	N	2		2
	Median	2.5000		1.0000
	Minimum	2.00		1.00
	Maximum	3.00		1.00
Tail	N Median	1	1	1
	Minimum	1.0000	15.0000	18.0000
	Maximum	1.00	15.00	18.00
Total	N	1.00	15.00	18.00
		3	1	3

	Median	2.0000	15.0000	1.0000
	Minimum	1.00	15.00	1.00
	Maximum	3.00	15.00	18.00

Location of Land * J35_1_Yes_Water_mgmt_Agency Crosstabulation

Count

		J35_1_Yes_Water_mgmt_Agency		
			1	Total
Location of Land	Head	205	1	206
	Middle	718	0	718
	Tail	176	0	176
Total		1099	1	1100

Location of Land		J35_1_Yes_Water_mgmt_Parti_Female_Nos	J35_1_Yes_Water_mgmt_Parti_Male_Nos	J35_3_Yes_Agri_Tech_Parti_Female_Nos	J35_3_Yes_Agri_Tech_Parti_Male_Nos	J35_4_Yes_Farm_Prac_Parti_Female_Nos	J35_4_Yes_Farm_Prac_Parti_Male_Nos	J35_5_Yes_Marketing_Parti_Female_Nos	J35_5_Yes_Marketing_Parti_Male_Nos	J35_7_Yes_Plant_Protect_Parti_Female_Nos	J35_7_Yes_Plant_Protect_Parti_Male_Nos	J35_8_Yes_IPM_Parti_Female_Nos
Head	N											
	Mean											
	Minimum											
	Maximum											
Middle	N Mean		2	1		3	3	1	3	1	2	3
	Minimum		1.0000	1.0000		6.6667	5.0000	1.0000	1.0000	27.0000	7.5000	1.0000
	Maximum		1.00	1.00		1.00	1.00	1.00	1.00	27.00	1.00	1.00
Tail	N Mean		1.00	1.00		18.00	13.00	1.00	1.00	27.00	14.00	1.00
	Minimum	1	1	1	3	7	4	1	1	1	1	
	Maximum	15.0000	18.0000	10.0000	14.0000	8.5714	11.7500	5.0000	5.0000	4.0000	4.0000	
Total	N Mean	15.00	18.00	10.00	10.00	1.00	2.00	5.00	5.00	4.00	4.00	
	Minimum	15.00	18.00	10.00	20.00	15.00	20.00	5.00	5.00	4.00	4.00	
	Maximum	1	3	2	3	10	7	2	4	2	3	3
		15.0000	6.6667	5.5000	14.0000	8.0000	8.8571	3.0000	2.0000	15.5000	6.3333	1.0000
		15.00	1.00	1.00	10.00	1.00	1.00	1.00	1.00	4.00	1.00	1.00
		15.00	18.00	10.00	20.00	18.00	20.00	5.00	5.00	27.00	14.00	1.00

Location of Land * J35_Need_Training Crosstabulation

Count

		J35_Need_Training		
		Yes	No	Total
Location of Land	Head	17	177	194
	Middle	280	431	711
	Tail	80	88	168
Total		377	696	1073

Count

			agri	AGRI	agri ,liv	agri tech	agri,busi	animal re	beauty pa	business	bussiness	computer
Location of Land	Head	189	9	0	0	0	0	0	0	2	0	0
	Middle	439	207	1	1	1	1	1	0	1	4	1
	Tail	97	54	1	0	0	0	0	2	0	0	0
Total		725	270	2	1	1	1	1	2	3	4	1

Location of Land * J35_Adopted_Training_IWRMP Crosstabulation

Count

		J35_Adopted_Training_IWRMP	
		No	Total
Location of Land	Head	1	1
	Middle	75	75

Total		76	76

Location of Land * K36_1_Know_tools_Project Crosstabulation

Count

		K36_1_Know_tools_Project	
		No	Total
Location of Land	Head	3	3
	Middle	302	302
	Tail	22	22
Total		327	327

Location of Land * K36_2_List_tools_Project1 Crosstabulation

Count

		K36_2_List_tools_Project1	
			Total
Location of Land	Head	206	206
	Middle	718	718
	Tail	176	176
Total		1100	1100

Location of Land * K36_2_List_tools_Project2 Crosstabulation

Count

		K36_2_List_tools_Project2	
			Total
Location of Land	Head	206	206
	Middle	718	718
	Tail	176	176
Total		1100	1100

Location of Land * K36_2_List_tools_Project3 Crosstabulation

Count

		K36_2_List_tools_Project3	
			Total
Location of Land	Head	206	206
	Middle	718	718
	Tail	176	176
Total		1100	1100

Location of Land * K36_2_Benefit_tools_Project Crosstabulation

Count

		K36_2_Benefit_tools_Project	
			Total
Location of Land	Head	206	206
	Middle	718	718
	Tail	176	176
Total		1100	1100

Location of Land * L37_1_Water_Delivery_Before Crosstabulation

Count

		L37_1_Water_Delivery_Before		
		Normal	Inadequate	Total
Location of Land	Head	204	0	204
	Middle	713	1	714
	Tail	168	0	168
Total		1085	1	1086

Location of Land * L37_1_Water_Delivery_After Crosstabulation

Count

		L37_1_Water_Delivery_After		
		Normal	Inadequate	Total
Location of Land	Head	204	0	204
	Middle	713	1	714
	Tail	176	0	176
Total		1093	1	1094

Location of Land * L37_1_Incase_Adequate_Before Crosstabulation

Count

		L37_1_Incase_Adequate_Before	
		Improved WUA capacity to manage water delivery	Total
Location of Land	Tail	8	8
Total		8	8

Location of Land * L37_2_Time_WatSup_Before Crosstabulation

Count

		L37_2_Time_WatSup_Before		
		Good	Poor	Total
Location of Land	Head	204	0	204
	Middle	714	1	715
	Tail	168	0	168
Total		1086	1	1087

Location of Land * L37_2_Time_WatSup_After Crosstabulation

Count

		L37_2_Time_WatSup_After		
		Good	Poor	Total
Location of Land	Head	204	0	204
	Middle	714	1	715
	Tail	168	0	168
Total		1086	1	1087

Location of Land * L37_2_InCase_Excellent_Before Crosstabulation

Count

		L37_2_InCase_Excellent_Before	
			Total
Location of Land	Head	206	206
	Middle	718	718
	Tail	176	176
Total		1100	1100

Location of Land * L37_2_InCase_Excellent_After Crosstabulation

Count

		L37_2_InCase_Excellent_After	
			Total
Location of Land	Head	206	206
	Middle	718	718
	Tail	176	176
Total		1100	1100

Location of Land * L37_2_InCase_Poor_Before Crosstabulation

Count

		L37_2_InCase_Poor_Before	Total
Location of Land	Head	206	206
	Middle	718	718
	Tail	176	176
Total		1100	1100

Location of Land * L37_2_InCase_Poor_After Crosstabulation

Count

		L37_2_InCase_Poor_After	Total
Location of Land	Head	206	206
	Middle	718	718
	Tail	176	176
Total		1100	1100

Location of Land * L37_2_Commu_WUA_Before Crosstabulation

Count

		L37_2_Commu_WUA_Before		Total
		Good	Poor	
Location of Land	Head	203	1	204
	Middle	714	1	715
	Tail	176	0	176
Total		1093	2	1095

Location of Land * L37_2_Commu_WUA_After Crosstabulation

Count

		L37_2_Commu_WUA_After		Total
		Good	Poor	
Location of Land	Head	203	1	204
	Middle	714	1	715
	Tail	176	0	176
Total		1093	2	1095

Location of Land * M4_Irri_Syst_Run_Properly Crosstabulation

Count

		M4_Irri_Syst_Run_Properly		Total
		Yes	No	
Location of Land	Head	144	58	202
	Middle	709	3	712
	Tail	175	0	175
Total		1028	61	1089

Location of Land * M4_If_No_Syst_Run_Properly_Reason Crosstabulation

Count

		M4_If_No_Syst_Run_Properly_Reason			Total
			1	2	
Location of Land	Head	196	3	7	206
	Middle	714	2	2	718
	Tail	176	0	0	176
Total		1086	5	9	1100

Location of Land * M5_Formed_WUG Crosstabulation

Count

	M5_Formed_WUG		
	Yes	No	Total

Location of Land	Head	151	51	202
	Middle	712	3	715
	Tail	176	0	176
Total		1039	54	1093

Location of Land * M5_1_If_Yes_Functioning Crosstabulation

Count

		M5_1_If_Yes_Functioning			
		Very effectively	Moderately effectively	Not effectively	Total
Location of Land	Head	5	152	0	157
	Middle	2	708	2	712
	Tail	3	173	0	176
Total		10	1033	2	1045

Case Summaries

Location of Land			N_A_Input_Output_Area_Rice_Before	N_A_Input_Output_Produc_Rice_Before	N_A_Input_Output_Manure_Rice_Before	N_A_Input_Output_Seed_Rice_Before	N_A_Input_Output_Urea_Rice_Before	N_A_Input_Output_DAP_Rice_Before	N_A_Input_Output_Potash_Rice_Before	N_A_Input_Output_PP_Rice_Before	N_A_Input_Output_Human_Rice_Before	N_A_Input_Output_Animal_Rice_Before
Head	Local	N	188	188	179	187	161	160	156	28	185	80
		Mean	14.50000	1652.55	5591.96	34.2353	22.67	21.44	9.69	263.04	24.17	20.39
		Minimum	1.000	40	1	2.00	3	1	1	15	1	2
		Maximum	60.000	8000	25000	800.00	80	100	55	500	250	50
	Improved	N Mean	12	12	11	12	12	12	12		12	
		Minimum	11.25000	1933.33	7728.18	101.5000	20.00	15.00	9.17		29.92	
		Maximum	1.000	200	10	2.00	5	10	5		8	
	Total	N Mean	40.000	5200	15000	800.00	50	30	30		80	
		Minimum	200	200	190	199	173	172	168	28	197	80
		Maximum	14.30500	1669.40	5715.64	38.2915	22.49	20.99	9.65	263.04	24.52	20.39
Middle	Local	N Mean	1.000	40	1	2.00	3	1	1	15	1	2
		Minimum	60.000	8000	25000	800.00	80	100	55	500	250	50
		Maximum	672	671	360	669	647	643	328	358	655	154
	Improved	N Mean	17.20126	1959.05	6567.40	62.8879	38.16	36.44	14.21	393.90	12.49	5.94
		Minimum	.750	12	3	2.00	2	1	1	2	1	1
		Maximum	800.000	12000	50000	4000.00	650	650	500	3000	500	200
	Total	N Mean	13	13	9	13	13	13	2	10	12	2
		Minimum	11.15385	1363.08	3464.44	20.6923	32.31	31.92	3.00	265.00	11.33	2.50
		Maximum	2.000	160	40	1.00	3	3	1	100	1	2
Tail	Local	N Mean	60.000	6000	16000	80.00	200	200	5	1000	50	3
		Minimum	685	684	369	682	660	656	330	368	667	156
		Maximum	17.08650	1947.72	6491.72	62.0836	38.04	36.35	14.15	390.40	12.47	5.89
	Total	N Mean	.750	12	3	1.00	2	1	1	2	1	1
		Minimum	800.000	12000	50000	4000.00	650	650	500	3000	500	200
		Maximum	170	170	72	166	164	164	141	45	159	6
Total	Local	N Mean	20.86471	2245.53	11463.40	44.4880	49.71	49.49	21.28	342.00	28.09	10.67
		Minimum	2.000	10	65	5.00	2	1	1	30	1	2
		Maximum	90.000	8000	125000	200.00	195	195	100	1000	2000	30
	Improved	N Mean	170	170	72	166	164	164	141	45	159	6
		Minimum	20.86471	2245.53	11463.40	44.4880	49.71	49.49	21.28	342.00	28.09	10.67
		Maximum	2.000	10	65	5.00	2	1	1	30	1	2
			90.000	8000	125000	200.00	195	195	100	1000	2000	30
			1030	1029	611	1022	972	967	625	431	999	240
			17.31286	1950.38	6858.57	54.6566	37.54	36.17	14.68	379.98	17.14	10.87
			.750	10	1	2.00	2	1	1	2	1	1
			800.000	12000	125000	4000.00	650	650	500	3000	2000	200
			25	25	20	25	25	25	14	10	24	2
			11.20000	1636.80	5809.50	59.4800	26.40	23.80	8.29	265.00	20.63	2.50
			1.000	160	10	1.00	3	3	1	100	1	2
			60.000	6000	16000	800.00	200	200	30	1000	80	3

	Total	N	1055	1054	631	1047	997	992	639	441	1023	242
		Mean	17.16801	1942.94	6825.32	54.7717	37.26	35.86	14.54	377.37	17.22	10.80
		Minimum	.750	10	1	1.00	2	1	1	2	1	1
		Maximum	800.000	12000	125000	4000.00	650	650	500	3000	2000	200

Case Summaries

Location of Land			N_A_Input_Output_Area_Maize_Before	N_A_Input_Output_Produc_Maize_Before	N_A_Input_Output_Manure_Maize_Before	N_A_Input_Output_Seed_Maize_Before	N_A_Input_Output_Urea_Maize_Before	N_A_Input_Output_DAP_Maize_Before	N_A_Input_Output_Potash_Maize_Before	N_A_Input_Output_PP_Maize_Before	N_A_Input_Output_Human_Maize_Before	N_A_Input_Output_Animal_Maize_Before
Middle	Local	N	5	5	1	5	5	5	2	2	4	3
		Mean	2.8000	352.0000	10.0000	4.8000	14.0000	4.4000	1.5000	150.0000	2.2500	1.00
		Minimum	1.00	320.00	10.00	3.00	5.00	3.00	1.00	100.00	2.00	1
		Maximum	5.00	400.00	10.00	8.00	50.00	5.00	2.00	200.00	3.00	1
	Total	N Mean	5	5	1	5	5	5	2	2	4	3
		Minimum	2.8000	352.0000	10.0000	4.8000	14.0000	4.4000	1.5000	150.0000	2.2500	1.00
		Maximum	1.00	320.00	10.00	3.00	5.00	3.00	1.00	100.00	2.00	1
Tail	Local	N Mean	5.00	400.00	10.00	8.00	50.00	5.00	2.00	200.00	3.00	1
		Minimum	2	2		2	2	2	1		2	
		Maximum	5.0000	110.0000		4.5000	15.0000	22.5000	5.0000		5.0000	
	Total	N Mean	5.00	20.00		4.00	10.00	15.00	5.00		5.00	
		Minimum	5.00	200.00		5.00	20.00	30.00	5.00		5.00	
		Maximum	2	2		2	2	2	1		2	
Total	Local	N Mean	5.0000	110.0000		4.5000	15.0000	22.5000	5.0000		5.0000	
		Minimum	5.00	20.00		4.00	10.00	15.00	5.00		5.00	
		Maximum	5.00	200.00		5.00	20.00	30.00	5.00		5.00	
	Total	N Mean	7	7	1	7	7	7	3	2	6	3
		Minimum	3.4286	282.8571	10.0000	4.7143	14.2857	9.5714	2.6667	150.0000	3.1667	1.00
		Maximum	1.00	20.00	10.00	3.00	5.00	3.00	1.00	100.00	2.00	1
			5.00	400.00	10.00	8.00	50.00	30.00	5.00	200.00	5.00	1
			7	7	1	7	7	7	3	2	6	3
			3.4286	282.8571	10.0000	4.7143	14.2857	9.5714	2.6667	150.0000	3.1667	1.00
			1.00	20.00	10.00	3.00	5.00	3.00	1.00	100.00	2.00	1
			5.00	400.00	10.00	8.00	50.00	30.00	5.00	200.00	5.00	1

Case Summaries

Location of Land			N_A_Input_Output_Area_Vegetable_Before	N_A_Input_Output_Produc_Vegetable_Before	N_A_Input_Output_Manure_Vegetable_Before	N_A_Input_Output_Seed_Vegetable_Before	N_A_Input_Output_Urea_Vegetable_Before	N_A_Input_Output_DAP_Vegetable_Before	N_A_Input_Output_Potash_Vegetable_Before	N_A_Input_Output_PP_Vegetable_Before	N_A_Input_Output_Human_Vegetable_Before	N_A_Input_Output_Animal_Vegetable_Before
Middle	Local	N	5	5	3	5	4	4	2	4	5	1
		Mean	2.1000	97.0000	933.3333	43.0400	4.7500	6.2500	2.5000	190.0000	2.8000	2.0000
		Minimum	.50	5.00	400.00	.10	1.00	2.00	2.00	60.00	1.00	2.00
		Maximum	4.00	240.00	1600.00	100.00	10.00	15.00	3.00	300.00	6.00	2.00
	Total	N Mean	5	5	3	5	4	4	2	4	5	1
		Minimum	2.1000	97.0000	933.3333	43.0400	4.7500	6.2500	2.5000	190.0000	2.8000	2.0000
		Maximum	.50	5.00	400.00	.10	1.00	2.00	2.00	60.00	1.00	2.00
Total	Local	N Mean	4.00	240.00	1600.00	100.00	10.00	15.00	3.00	300.00	6.00	2.00
		Minimum	5	5	3	5	4	4	2	4	5	1
		Maximum	2.1000	97.0000	933.3333	43.0400	4.7500	6.2500	2.5000	190.0000	2.8000	2.0000
	Total	N Mean	.50	5.00	400.00	.10	1.00	2.00	2.00	60.00	1.00	2.00
		Minimum	4.00	240.00	1600.00	100.00	10.00	15.00	3.00	300.00	6.00	2.00
		Maximum	5	5	3	5	4	4	2	4	5	1
			2.1000	97.0000	933.3333	43.0400	4.7500	6.2500	2.5000	190.0000	2.8000	2.0000
			.50	5.00	400.00	.10	1.00	2.00	2.00	60.00	1.00	2.00
			4.00	240.00	1600.00	100.00	10.00	15.00	3.00	300.00	6.00	2.00

Case Summaries

Location of Land	N_A_Input_Output_Area_Maize1_Before	N_A_Input_Output_Produc_Maize1_Before	N_A_Input_Output_Manure_Maize1_Before	N_A_Input_Output_Seed_Maize1_Before	N_A_Input_Output_Urea_Maize1_Before	N_A_Input_Output_DAP_Maize1_Before	N_A_Input_Output_Potash_Maize1_Before	N_A_Input_Output_PP_Maize1_Before	N_A_Input_Output_Human_Maize1_Before	N_A_Input_Output_Animal_Maize1_Before

Head	Local	N	137	137	132	135	108	103	86	1	136	
		Mean	5.9270	335.1825	4201.3485	8.3556	14.5463	12.6214	5.7326	200.0000	9.0662	10.1290
		Minimum	1.00	80.00	1.00	1.00	2.00	1.00	1.00	200.00	1.00	1.00
		Maximum	30.00	1200.00	20000.00	90.00	50.00	50.00	20.00	200.00	50.00	40.00
	Improved	N	9	9	9	9	8	7	7	1	9	1
		Mean	8.4444	411.1111	5500.3333	8.8889	21.2500	16.4286	8.8571	120.0000	13.0000	4.0000
		Minimum	1.00	40.00	3.00	1.00	10.00	10.00	2.00	120.00	2.00	4.00
		Maximum	20.00	1800.00	10000.00	20.00	35.00	30.00	30.00	120.00	40.00	4.00
	Total	N	146	146	141	144	116	110	93	2	145	63
		Mean	6.0822	339.8630	4284.2624	8.3889	15.0086	12.8636	5.9677	160.0000	9.3103	10.0317
		Minimum	1.00	40.00	1.00	1.00	2.00	1.00	1.00	120.00	1.00	1.00
		Maximum	30.00	1800.00	20000.00	90.00	50.00	50.00	30.00	200.00	50.00	40.00
Middle	Local	N	130	130	74	130	120	123	66	53	115	23
		Mean	5.0462	529.1538	2934.5270	8.4500	14.4250	14.4146	6.6212	320.9434	3.5217	2.5217
		Minimum	.50	40.00	10.00	.50	1.00	1.00	1.00	50.00	1.00	1.00
		Maximum	20.00	6000.00	20000.00	120.00	70.00	80.00	50.00	1000.00	20.00	5.00
	Improved	N	11	11	4	11	8	8	8	1	11	1
		Mean	8.3636	523.6364	4650.0000	42.4545	19.1250	19.1250	6.5000	180.0000	21.3636	3.0000
		Minimum	3.00	120.00	100.00	2.00	3.00	3.00	2.00	180.00	1.00	3.00
		Maximum	30.00	1200.00	8000.00	400.00	60.00	60.00	15.00	180.00	200.00	3.00
	Hybrid	N	8	8	4	7	7	8	6		7	2
		Mean	5.7500	357.5000	1017.5000	4.4286	17.1429	14.7500	5.3333		3.8571	1.0000
		Minimum	2.00	20.00	10.00	1.00	10.00	3.00	2.00		1.00	1.00
		Maximum	10.00	800.00	4000.00	10.00	30.00	50.00	10.00		10.00	1.00
	Total	N	149	149	82	148	135	139	80	54	133	26
		Mean	5.3289	519.5302	2924.6951	10.7872	14.8444	14.7050	6.5125	318.3333	5.0150	2.4231
		Minimum	.50	20.00	10.00	.50	1.00	1.00	1.00	50.00	1.00	1.00
		Maximum	30.00	6000.00	20000.00	400.00	70.00	80.00	50.00	1000.00	200.00	5.00
Tail	Local	N	60	60	19	60	57	53	24	3	47	1
		Mean	4.4333	344.1667	2205.7895	73.0500	14.5965	10.0943	3.7083	300.0000	428.8723	20.0000
		Minimum	1.00	30.00	50.00	1.00	2.00	2.00	1.00	200.00	1.00	20.00
		Maximum	20.00	1600.00	12000.00	4000.00	65.00	65.00	20.00	500.00	20000.00	20.00
	Improved	N	9	9	4	9	9	9	7	1	8	1
		Mean	4.0000	351.1111	1267.5000	4.2222	18.7778	10.8889	4.0000	250.0000	3.5000	2.0000
		Minimum	2.00	120.00	70.00	2.00	3.00	3.00	1.00	250.00	1.00	2.00
		Maximum	10.00	800.00	4000.00	10.00	65.00	30.00	10.00	250.00	10.00	2.00
	Hybrid	N	2	2	1	2	2	2	2	1	2	
		Mean	7.0000	560.0000	8000.0000	7.0000	24.0000	17.5000	3.5000	150.0000	4.5000	
		Minimum	4.00	320.00	8000.00	4.00	18.00	10.00	2.00	150.00	4.00	
		Maximum	10.00	800.00	8000.00	10.00	30.00	25.00	5.00	150.00	5.00	
	Total	N	71	71	24	71	68	64	33	5	57	2
		Mean	4.4507	351.1268	2290.8333	62.4648	15.4265	10.4375	3.7576	260.0000	354.2807	11.0000
		Minimum	1.00	30.00	50.00	1.00	2.00	2.00	1.00	150.00	1.00	2.00
		Maximum	20.00	1600.00	12000.00	4000.00	65.00	65.00	20.00	500.00	20000.00	20.00
Total	Local	N	327	327	225	325	285	279	176	57	298	86
		Mean	5.3028	413.9450	3616.1911	20.3369	14.5053	12.9319	5.7898	317.7193	73.1376	8.2093
		Minimum	.50	30.00	1.00	.50	1.00	1.00	1.00	50.00	1.00	1.00
		Maximum	30.00	6000.00	20000.00	4000.00	70.00	80.00	50.00	1000.00	20000.00	40.00
	Improved	N	29	29	17	29	25	24	22	3	28	3
		Mean	7.0345	435.1724	4304.2941	20.1724	19.6800	15.2500	6.4545	183.3333	13.5714	3.0000
		Minimum	1.00	40.00	3.00	1.00	3.00	3.00	1.00	120.00	1.00	2.00
		Maximum	30.00	1800.00	10000.00	400.00	65.00	60.00	30.00	250.00	200.00	4.00
	Hybrid	N	10	10	5	9	9	10	8	1	9	2
		Mean	6.0000	398.0000	2414.0000	5.0000	18.6667	15.3000	4.8750	150.0000	4.0000	1.0000
		Minimum	2.00	20.00	10.00	1.00	10.00	3.00	2.00	150.00	1.00	1.00
		Maximum	10.00	800.00	8000.00	10.00	30.00	50.00	10.00	150.00	10.00	1.00
	Total	N	366	366	247	363	319	313	206	61	335	91
		Mean	5.4590	415.1913	3639.2146	19.9435	15.0282	13.1853	5.8252	308.3607	66.3015	7.8791
		Minimum	.50	20.00	1.00	.50	1.00	1.00	1.00	50.00	1.00	1.00

		Maximum	30.00	6000.00	20000.00	4000.00	70.00	80.00	50.00	1000.00	20000.00	40.00

Case Summaries

Location of Land			N_A_Input_Output_Area_Wheat_Before	N_A_Input_Output_Produc_Wheat_Before	N_A_Input_Output_Manure_Wheat_Before	N_A_Input_Output_Seed_Wheat_Before	N_A_Input_Output_Urea_Wheat_Before	N_A_Input_Output_DAP_Wheat_Before	N_A_Input_Output_Potash_Wheat_Before	N_A_Input_Output_PP_Wheat_Before	N_A_Input_Output_Human_Wheat_Before	N_A_Input_Output_Animal_Wheat_Before
Head	Local	N	11	11	9	11	11	11	10		11	
		Mean	5.27273	301.8182	3892.7778	20.7273	14.5455	11.3636	6.6000		6.8182	
		Minimum	2.000	200.00	35.00	3.00	5.00	4.00	3.00		2.00	
		Maximum	15.000	800.00	12500.00	45.00	50.00	30.00	20.00		20.00	
	Total	N Mean	11	11	9	11	11	11	10		11	
		Minimum	5.27273	301.8182	3892.7778	20.7273	14.5455	11.3636	6.6000		6.8182	
		Maximum	2.000	200.00	35.00	3.00	5.00	4.00	3.00		2.00	
Middle	Local	N Mean	15.000	800.00	12500.00	45.00	50.00	30.00	20.00		20.00	
		Minimum	22	22	7	22	19	22	10	4	21	2
		Maximum	8.27273	760.0000	3885.7143	263.7273	30.5789	30.5909	13.4000	475.0000	4.1905	5.00
	Improved	N Mean	1.000	80.00	100.00	5.00	3.00	3.00	1.00	300.00	1.00	5
		Minimum	20.000	1600.00	10000.00	5000.00	50.00	80.00	30.00	1000.00	10.00	5
		Maximum	2	2	1	1	1	1	1	1	2	1
	Total	N Mean	6.00000	520.0000	40000.0000	32.0000	16.0000	5.0000	1.0000	400.0000	2.0000	1.00
		Minimum	4.000	400.00	40000.00	32.00	16.00	5.00	1.00	400.00	1.00	1
		Maximum	8.000	640.00	40000.00	32.00	16.00	5.00	1.00	400.00	3.00	1
Tail	Local	N Mean	24	24	8	23	20	23	11	5	23	3
		Minimum	8.08333	740.0000	8400.0000	253.6522	29.8500	29.4783	12.2727	460.0000	4.0000	3.67
		Maximum	1.000	80.00	100.00	5.00	3.00	3.00	1.00	300.00	1.00	1
	Improved	N Mean	20.000	1600.00	40000.00	5000.00	50.00	80.00	30.00	1000.00	10.00	5
		Minimum	5	5	2	5	4	5	1		4	
		Maximum	7.00000	600.0000	1550.0000	35.8000	23.7500	23.0000	1.0000		3.0000	
	Total	N Mean	2.000	200.00	600.00	5.00	5.00	5.00	1.00		1.00	
		Minimum	14.000	1200.00	2500.00	100.00	50.00	50.00	1.00		8.00	
		Maximum	1	1	1	1	1	1			1	1
Total	Local	N Mean	1.00000	150.0000	2000.0000	100.0000	50.0000	50.0000			100.0000	15.00
		Minimum	1.000	150.00	2000.00	100.00	50.00	50.00			100.00	15
		Maximum	1.000	150.00	2000.00	100.00	50.00	50.00			100.00	15
	Improved	N Mean	6	6	3	6	5	6	1		5	1
		Minimum	6.00000	525.0000	1700.0000	46.5000	29.0000	27.5000	1.0000		22.4000	15.00
		Maximum	1.000	150.00	600.00	5.00	5.00	5.00	1.00		1.00	15
	Total	N Mean	14.000	1200.00	2500.00	100.00	50.00	50.00	1.00		100.00	15
		Minimum	38	38	18	38	34	38	21	4	36	2
		Maximum	7.23684	606.3158	3629.7222	163.3947	24.5882	24.0263	9.5714	475.0000	4.8611	5.00
			1.000	80.00	35.00	3.00	3.00	3.00	1.00	300.00	1.00	5
			20.000	1600.00	12500.00	5000.00	50.00	80.00	30.00	1000.00	20.00	5
			3	3	2	2	2	2	1	1	3	2
			4.33333	396.6667	21000.0000	66.0000	33.0000	27.5000	1.0000	400.0000	34.6667	8.00
			1.000	150.00	2000.00	32.00	16.00	5.00	1.00	400.00	1.00	1
			8.000	640.00	40000.00	100.00	50.00	50.00	1.00	400.00	100.00	15
			41	41	20	40	36	40	22	5	39	4
			7.02439	590.9756	5366.7500	158.5250	25.0556	24.2000	9.1818	460.0000	7.1538	6.50
			1.000	80.00	35.00	3.00	3.00	3.00	1.00	300.00	1.00	1
			20.000	1600.00	40000.00	5000.00	50.00	80.00	30.00	1000.00	100.00	15

Case Summaries

Location of Land			N_A_Input_Output_Area_Potato_Before	N_A_Input_Output_Produc_Potato_Before	N_A_Input_Output_Manure_Potato_Before	N_A_Input_Output_Seed_Potato_Before	N_A_Input_Output_Urea_Potato_Before	N_A_Input_Output_DAP_Potato_Before	N_A_Input_Output_Potash_Potato_Before	N_A_Input_Output_PP_Potato_Before	N_A_Input_Output_Human_Potato_Before	N_A_Input_Output_Animal_Potato_Before
Head	Local	N	1	1	1	1	1	1	1		1	
		Mean	1.0000	200.0000	100.0000	25.0000	8.0000	5.0000	4.0000		3.0000	
		Minimum	1.00	200.00	100.00	25.00	8.00	5.00	4.00		3.00	
		Maximum	1.00	200.00	100.00	25.00	8.00	5.00	4.00		3.00	

	Improved	N	1	1	1						1	
		Mean	2.0000	160.0000	8000.0000						2.0000	
		Minimum	2.00	160.00	8000.00						2.00	
		Maximum	2.00	160.00	8000.00						2.00	
	Total	N	2	2	2	1	1	1	1		2	
		Mean	1.5000	180.0000	4050.0000	25.0000	8.0000	5.0000	4.0000		2.5000	
		Minimum	1.00	160.00	100.00	25.00	8.00	5.00	4.00		2.00	
		Maximum	2.00	200.00	8000.00	25.00	8.00	5.00	4.00		3.00	
Middle	Local	N	163	163	102	161	58	154	134	100	147	29
		Mean	2.2387	280.6748	2234.6078	36.5217	12.2759	6.4123	2.5373	262.4100	5.8844	3.3448
		Minimum	.03	20.00	10.00	5.00	1.00	.50	.50	1.00	1.00	1.00
		Maximum	11.00	1600.00	20000.00	500.00	50.00	50.00	20.00	1500.00	500.00	30.00
	Improved	N	10	10	4	10	6	10	7	2	9	2
		Mean	1.9000	268.0000	3050.0000	29.1000	12.6667	6.9000	3.5714	200.0000	2.5556	1.0000
		Minimum	1.00	80.00	200.00	5.00	1.00	3.00	2.00	200.00	1.00	1.00
		Maximum	5.00	800.00	4000.00	80.00	25.00	20.00	5.00	200.00	5.00	1.00
	Total	N	173	173	106	171	64	164	141	102	156	31
		Mean	2.2191	279.9422	2265.3774	36.0877	12.3125	6.4421	2.5887	261.1863	5.6923	3.1935
		Minimum	.03	20.00	10.00	5.00	1.00	.50	.50	1.00	1.00	1.00
		Maximum	11.00	1600.00	20000.00	500.00	50.00	50.00	20.00	1500.00	500.00	30.00
Tail	Local	N	44	44	22	44	11	38	11	1	10	
		Mean	1.4319	147.9545	949.0909	34.8409	5.7273	4.9211	3.0000	200.0000	2.9000	
		Minimum	.00	20.00	80.00	3.00	1.00	1.00	1.00	200.00	1.00	
		Maximum	15.00	600.00	4000.00	160.00	15.00	20.00	10.00	200.00	10.00	
	Improved	N	8	8	4	8	6	6	5	4	4	1
		Mean	2.0000	280.0000	5500.0000	23.1250	11.3333	9.0000	2.0000	212.5000	2.5000	1.0000
		Minimum	1.00	120.00	4000.00	10.00	5.00	4.00	1.00	100.00	1.00	1.00
		Maximum	4.00	600.00	8000.00	50.00	20.00	20.00	5.00	300.00	5.00	1.00
	Total	N	52	52	26	52	17	44	16	5	14	1
		Mean	1.5193	168.2692	1649.2308	33.0385	7.7059	5.4773	2.6875	210.0000	2.7857	1.0000
		Minimum	.00	20.00	80.00	3.00	1.00	1.00	1.00	100.00	1.00	1.00
		Maximum	15.00	600.00	8000.00	160.00	20.00	20.00	10.00	300.00	10.00	1.00
Total	Local	N	208	208	125	206	70	193	146	101	158	29
		Mean	2.0620	252.2115	1991.2800	36.1068	11.1857	6.1114	2.5822	261.7921	5.6772	3.3448
		Minimum	.00	20.00	10.00	3.00	1.00	.50	.50	1.00	1.00	1.00
		Maximum	15.00	1600.00	20000.00	500.00	50.00	50.00	20.00	1500.00	500.00	30.00
	Improved	N	19	19	9	18	12	16	12	6	14	3
		Mean	1.9474	267.3684	4688.8889	26.4444	12.0000	7.6875	2.9167	208.3333	2.5000	1.0000
		Minimum	1.00	80.00	200.00	5.00	1.00	3.00	1.00	100.00	1.00	1.00
		Maximum	5.00	800.00	8000.00	80.00	25.00	20.00	5.00	300.00	5.00	1.00
	Total	N	227	227	134	224	82	209	158	107	172	32
		Mean	2.0524	253.4802	2172.4627	35.3304	11.3049	6.2321	2.6076	258.7944	5.4186	3.1250
		Minimum	.00	20.00	10.00	3.00	1.00	.50	.50	1.00	1.00	1.00
		Maximum	15.00	1600.00	20000.00	500.00	50.00	50.00	20.00	1500.00	500.00	30.00

Case Summaries

Location of Land			N_A_Input_Output_Area_Vegtable1_Before	N_A_Input_Output_Produc_Vegtable1_Before	N_A_Input_Output_Manure_Vegtable1_Before	N_A_Input_Output_Seed_Vegtable1_Before	N_A_Input_Output_Urea_Vegtable1_Befor	N_A_Input_Output_Dap_Vegtable1_Before	N_A_Input_Output_Potash_Vegtable1_Before	N_A_Input_Output_PPaids_Vegtable1_Before	N_A_Input_Output_Human_Vegtable1_Befor	N_A_Input_Output_Animal_Vegtable1_Before
Middle	1.00	N	25	25	18	21	18	18	13	17	20	9
		Mean	4.4010	578.2000	4416.9444	36.7952	16.6111	19.7778	9.7692	489.4118	3.9000	2.2222
		Minimum	.03	20.00	5.00	.10	.50	.50	1.00	50.00	1.00	1.00
		Maximum	20.00	4200.00	16000.00	300.00	50.00	100.00	30.00	2000.00	14.00	5.00
	Total	N Mean	25	25	18	21	18	18	13	17	20	9
		Minimum	4.4010	578.2000	4416.9444	36.7952	16.6111	19.7778	9.7692	489.4118	3.9000	2.2222
		Maximum	.03	20.00	5.00	.10	.50	.50	1.00	50.00	1.00	1.00
Tail	1.00	N	20.00	4200.00	16000.00	300.00	50.00	100.00	30.00	2000.00	14.00	5.00
			21	21	10	14	18	19	12	7	11	1

		Mean	4.0476	448.3333	2015.0000	26.5007	18.6111	15.0000	5.0833	182.8571	4.0909	1.0000
		Minimum	1.00	10.00	250.00	.01	3.00	2.00	1.00	100.00	1.00	1.00
		Maximum	20.00	2400.00	8000.00	195.00	65.00	65.00	30.00	300.00	10.00	1.00
	Total	N	21	21	10	14	18	19	12	7	11	1
		Mean	4.0476	448.3333	2015.0000	26.5007	18.6111	15.0000	5.0833	182.8571	4.0909	1.0000
		Minimum	1.00	10.00	250.00	.01	3.00	2.00	1.00	100.00	1.00	1.00
		Maximum	20.00	2400.00	8000.00	195.00	65.00	65.00	30.00	300.00	10.00	1.00
Total	1.00	N	46	46	28	35	36	37	25	24	31	10
		Mean	4.2397	518.9130	3559.1071	32.6774	17.6111	17.3243	7.5200	400.0000	3.9677	2.1000
		Minimum	.03	10.00	5.00	.01	.50	.50	1.00	50.00	1.00	1.00
		Maximum	20.00	4200.00	16000.00	300.00	65.00	100.00	30.00	2000.00	14.00	5.00
	Total	N	46	46	28	35	36	37	25	24	31	10
		Mean	4.2397	518.9130	3559.1071	32.6774	17.6111	17.3243	7.5200	400.0000	3.9677	2.1000
		Minimum	.03	10.00	5.00	.01	.50	.50	1.00	50.00	1.00	1.00
		Maximum	20.00	4200.00	16000.00	300.00	65.00	100.00	30.00	2000.00	14.00	5.00

Case Summaries

Location of Land			N_A_Input_Output_Area_Lentil_Before	N_A_Input_Output_Produc_Lentil_Before	N_A_Input_Output_Manure_Lentil_Before	N_A_Input_Output_Seed_Lentil_Before	N_A_Input_Output_Urea_Lentil_Before	N_A_Input_Output_DAP_Lentil_Before	N_A_Input_Output_Potash_Lentil_Before	N_A_Input_Output_Human_Lentil_Before	N_A_Input_Output_Tractor_Lentil_Before	N_A_Input_Output_Thressor_Lentil_Before
Middle	Local	N	6	6	3	6	2	2	1	5	2	3
		Mean	7.33333	603.3333	3371.6667	16.0000	10.5000	10.5000	4.0000	2.8000	.7500	1.1667
		Minimum	1.000	20.00	15.00	3.00	1.00	1.00	4.00	1.00	.50	.50
		Maximum	20.000	2400.00	10000.00	40.00	20.00	20.00	4.00	6.00	1.00	2.00
	Total	N Mean	6	6	3	6	2	2	1	5	2	3
		Minimum	7.33333	603.3333	3371.6667	16.0000	10.5000	10.5000	4.0000	2.8000	.7500	1.1667
		Maximum	1.000	20.00	15.00	3.00	1.00	1.00	4.00	1.00	.50	.50
Total	Local	N Mean	20.000	2400.00	10000.00	40.00	20.00	20.00	4.00	6.00	1.00	2.00
		Minimum	6	6	3	6	2	2	1	5	2	3
		Maximum	7.33333	603.3333	3371.6667	16.0000	10.5000	10.5000	4.0000	2.8000	.7500	1.1667
	Total	N Mean	1.000	20.00	15.00	3.00	1.00	1.00	4.00	1.00	.50	.50
		Minimum	20.000	2400.00	10000.00	40.00	20.00	20.00	4.00	6.00	1.00	2.00
		Maximum	6	6	3	6	2	2	1	5	2	3
			7.33333	603.3333	3371.6667	16.0000	10.5000	10.5000	4.0000	2.8000	.7500	1.1667
			1.000	20.00	15.00	3.00	1.00	1.00	4.00	1.00	.50	.50
			20.000	2400.00	10000.00	40.00	20.00	20.00	4.00	6.00	1.00	2.00

Case Summaries

Location of Land			N_A_Input_Output_Area_Oilseed_Before	N_A_Input_Output_Produc_Oilseed_Before	N_A_Input_Output_Manure_Oilseed_Before	N_A_Input_Output_Seed_Oilseed_Before	N_A_Input_Output_Urea_Oilseed_Before	N_A_Input_Output_DAP_Oilseed_Before	N_A_Input_Output_Potash_Oilseed_Before	N_A_Input_Output_PP_Oilseed_Before	N_A_Input_Output_Human_Oilseed_Before	N_A_Input_Output_Animal_Oilseed_Before
Head	Local	N	2	2	1	2	1	2	2		1	1
		Mean	2.0000	13.5000	4000.0000	2.0000	15.0000	6.0000	2.0000		2.0000	2.00
		Minimum	1.00	12.00	4000.00	1.00	15.00	2.00	1.00		2.00	2
		Maximum	3.00	15.00	4000.00	3.00	15.00	10.00	3.00		2.00	2
	Total	N Mean	2	2	1	2	1	2	2		1	1
		Minimum	2.0000	13.5000	4000.0000	2.0000	15.0000	6.0000	2.0000		2.0000	2.00
		Maximum	1.00	12.00	4000.00	1.00	15.00	2.00	1.00		2.00	2
Middle	Local	N Mean	3.00	15.00	4000.00	3.00	15.00	10.00	3.00		2.00	2
		Minimum	38	38	24	37	27	30	14	19	34	5
		Maximum	7.0263	451.6053	3168.7500	12.2703	12.3333	9.2000	6.7143	187.8947	5.8529	2.60
	Total	N Mean	1.00	10.00	10.00	1.00	2.00	1.00	1.00	50.00	1.00	1
		Minimum	20.00	2200.00	12000.00	80.00	50.00	50.00	23.00	500.00	20.00	5
		Maximum	38	38	24	37	27	30	14	19	34	5
Tail	Local	N	7.0263	451.6053	3168.7500	12.2703	12.3333	9.2000	6.7143	187.8947	5.8529	2.60
		Mean	1.00	10.00	10.00	1.00	2.00	1.00	1.00	50.00	1.00	1
			20.00	2200.00	12000.00	80.00	50.00	50.00	23.00	500.00	20.00	5
			28	28	6	28	21	24	6	2	2	
			3.3929	52.9286	1916.6667	3.4286	6.0000	6.5000	3.8333	165.0000	3.0000	

		Minimum	1.00	5.00	400.00	1.00	1.00	1.00	1.00	80.00	1.00	
		Maximum	10.00	320.00	5000.00	10.00	20.00	20.00	5.00	250.00	5.00	
	Total	N	28	28	6	28	21	24	6	2	2	
		Mean	3.3929	52.9286	1916.6667	3.4286	6.0000	6.5000	3.8333	165.0000	3.0000	
		Minimum	1.00	5.00	400.00	1.00	1.00	1.00	1.00	80.00	1.00	
		Maximum	10.00	320.00	5000.00	10.00	20.00	20.00	5.00	250.00	5.00	
Total	Local	N	68	68	31	67	49	56	22	21	37	6
		Mean	5.3824	274.5588	2953.2258	8.2687	9.6735	7.9286	5.5000	185.7143	5.5946	2.50
		Minimum	1.00	5.00	10.00	1.00	1.00	1.00	1.00	50.00	1.00	1
		Maximum	20.00	2200.00	12000.00	80.00	50.00	50.00	23.00	500.00	20.00	5
	Total	N	68	68	31	67	49	56	22	21	37	6
		Mean	5.3824	274.5588	2953.2258	8.2687	9.6735	7.9286	5.5000	185.7143	5.5946	2.50
		Minimum	1.00	5.00	10.00	1.00	1.00	1.00	1.00	50.00	1.00	1
		Maximum	20.00	2200.00	12000.00	80.00	50.00	50.00	23.00	500.00	20.00	5

Case Summaries

Location of Land			N_A_Input_Output_Area_Rice1_Before	N_A_Input_Output_Produc_Rice1_Before	N_A_Input_Output_Manure_Rice1_Before	N_A_Input_Output_Seed_Rice1_Before	N_A_Input_Output_Urea_Rice1_Before	N_A_Input_Output_DAP_Rice1_Before	N_A_Input_Output_Potash_Rice1_Before	N_A_Input_Output_PP_Rice1_Before	N_A_Input_Output_Human_Rice1_Before	N_A_Input_Output_Animal_Rice1_Before
Head	Local	N	1	1	1	1	1	1	1		1	1
		Mean	12.0000	1200.0000	4000.0000	22.0000	15.0000	15.0000	5.0000		17.0000	15.0000
		Minimum	12.00	1200.00	4000.00	22.00	15.00	15.00	5.00		17.00	15.00
		Maximum	12.00	1200.00	4000.00	22.00	15.00	15.00	5.00		17.00	15.00
	Improved	N Mean	1	1		1	1	1	1	1	1	
		Minimum	25.0000	2800.0000		60.0000	40.0000	40.0000	5.0000	500.0000	30.0000	
		Maximum	25.00	2800.00		60.00	40.00	40.00	5.00	500.00	30.00	
	Total	N Mean	25.00	2800.00		60.00	40.00	40.00	5.00	500.00	30.00	
		Minimum	2	2	1	2	2	2	2	1	2	1
		Maximum	18.5000	2000.0000	4000.0000	41.0000	27.5000	27.5000	5.0000	500.0000	23.5000	15.0000
Middle	Local	N Mean	12.00	1200.00	4000.00	22.00	15.00	15.00	5.00	500.00	17.00	15.00
		Minimum	25.00	2800.00	4000.00	60.00	40.00	40.00	5.00	500.00	30.00	15.00
		Maximum	93	93	17	93	90	88	74	68	88	11
	Improved	N Mean	20.4301	2222.7957	3706.4706	76.6075	40.6778	40.0227	29.9730	470.8088	11.4773	8.0909
		Minimum	1.00	240.00	60.00	2.00	3.00	2.00	1.00	25.00	1.00	3.00
		Maximum	400.00	9600.00	12500.00	360.00	150.00	150.00	1000.00	2000.00	45.00	19.00
	Total	N Mean	20	20	2	19	19	19	19	8	15	1
		Minimum	16.0500	1812.0000	4800.0000	42.7368	34.2105	33.1053	7.9474	425.0000	23.6667	3.0000
		Maximum	2.00	200.00	1600.00	2.00	5.00	3.00	1.00	50.00	9.00	3.00
Tail	Local	N Mean	40.00	4000.00	8000.00	120.00	80.00	80.00	20.00	1000.00	60.00	3.00
		Minimum	113	113	19	112	109	107	93	76	103	12
		Maximum	19.6549	2150.0885	3821.5789	70.8616	39.5505	38.7944	25.4731	465.9868	13.2524	7.6667
	Improved	N Mean	1.00	200.00	60.00	2.00	3.00	2.00	1.00	25.00	1.00	3.00
		Minimum	400.00	9600.00	12500.00	360.00	150.00	150.00	1000.00	2000.00	60.00	19.00
		Maximum	20	20	3	20	19	19	13	6	19	
	Total	N Mean	16.0500	1520.0000	10666.6667	67.9500	31.4737	22.7368	6.3077	340.0000	12.0000	
		Minimum	5.00	15.00	4000.00	5.00	10.00	5.00	2.00	80.00	3.00	
		Maximum	40.00	4800.00	20000.00	240.00	120.00	100.00	10.00	880.00	40.00	
Total	Local	N Mean	14	14	2	14	13	13	12	8	13	
		Minimum	15.3571	1740.0000	2502.5000	45.5000	26.1538	22.6923	7.7500	293.7500	13.8462	
		Maximum	2.00	240.00	5.00	8.00	5.00	5.00	1.00	50.00	2.00	
			40.00	4800.00	5000.00	100.00	50.00	50.00	20.00	500.00	40.00	
			34	34	5	34	32	32	25	14	32	
			15.7647	1610.5882	7401.0000	58.7059	29.3125	22.7188	7.0000	313.5714	12.7500	
			2.00	15.00	5.00	5.00	5.00	5.00	1.00	50.00	2.00	
			40.00	4800.00	20000.00	240.00	120.00	100.00	20.00	880.00	40.00	
			114	114	21	114	110	108	88	74	108	12
			19.5877	2090.5263	4714.7619	74.6096	38.8545	36.7500	26.1932	460.2027	11.6204	8.6667
			1.00	15.00	60.00	2.00	3.00	2.00	1.00	25.00	1.00	3.00
			400.00	9600.00	20000.00	360.00	150.00	150.00	1000.00	2000.00	45.00	19.00

	Improved	N	35	35	4	34	33	33	32	17	29	1
		Mean	16.0286	1811.4286	3651.2500	44.3824	31.2121	29.2121	7.7813	367.6471	19.4828	3.0000
		Minimum	2.00	200.00	5.00	2.00	5.00	3.00	1.00	50.00	2.00	3.00
		Maximum	40.00	4800.00	8000.00	120.00	80.00	80.00	20.00	1000.00	60.00	3.00
	Total	N	149	149	25	148	143	141	120	91	137	13
		Mean	18.7517	2024.9664	4544.6000	67.6655	37.0909	34.9858	21.2833	442.9121	13.2847	8.2308
		Minimum	1.00	15.00	5.00	2.00	3.00	2.00	1.00	25.00	1.00	3.00
		Maximum	400.00	9600.00	20000.00	360.00	150.00	150.00	1000.00	2000.00	60.00	19.00

Case Summaries

Location of Land			N_A_Input_Output_Area_Maize2_Before	N_A_Input_Output_Produc_Maize2_Before	N_A_Input_Output_Manure_Maize2_Before	N_A_Input_Output_Seed_Maize2_Before	N_A_Input_Output_Urea_Maize2_Before	N_A_Input_Output_DAP_Maize2_Before	N_A_Input_Output_Potash_Maize2_Before	N_A_Input_Output_PP_Maize2_Before	N_A_Input_Output_Human_Maize2_Before	N_A_Input_Output_Animal_Maize2_Before
Middle	Local	N	14	14	2	14	11	11	8	5	10	3
		Mean	5.0000	585.7143	12000.0000	12.6429	14.5455	9.7273	4.6250	170.0000	3.8000	2.3333
		Minimum	1.00	80.00	12000.00	1.00	3.00	2.00	1.00	50.00	1.00	1.00
		Maximum	15.00	2400.00	12000.00	75.00	50.00	50.00	15.00	400.00	10.00	3.00
	Improved	N Mean	3	3	1	3	1	1	1	1	1	
		Minimum	4.0000	706.6667	5000.0000	4.0000	8.0000	5.0000	3.0000	60.0000	2.0000	
		Maximum	2.00	600.00	5000.00	3.00	8.00	5.00	3.00	60.00	2.00	
	Total	N Mean	5.00	800.00	5000.00	5.00	8.00	5.00	3.00	60.00	2.00	
		Minimum	17	17	3	17	12	12	9	6	11	3
		Maximum	4.8235	607.0588	9666.6667	11.1176	14.0000	9.3333	4.4444	151.6667	3.6364	2.3333
Tail	Local	N Mean	1.00	80.00	5000.00	1.00	3.00	2.00	1.00	50.00	1.00	1.00
		Minimum	15.00	2400.00	12000.00	75.00	50.00	50.00	15.00	400.00	10.00	3.00
		Maximum	1	1		1	1	1	1	1	1	
	Improved	N Mean	28.0000	5600.0000		120.0000	75.0000	80.0000	40.0000	400.0000	19.0000	
		Minimum	28.00	5600.00		120.00	75.00	80.00	40.00	400.00	19.00	
		Maximum	28.00	5600.00		120.00	75.00	80.00	40.00	400.00	19.00	
	Total	N Mean	1	1		1	1					
		Minimum	4.0000	240.0000		3.0000	8.0000					
		Maximum	4.00	240.00		3.00	8.00					
Total	Local	N Mean	4.00	240.00		3.00	8.00					
		Minimum	2	2		2	2	1	1	1	1	
		Maximum	16.0000	2920.0000		61.5000	41.5000	80.0000	40.0000	400.0000	19.0000	
	Improved	N Mean	4.00	240.00		3.00	8.00	80.00	40.00	400.00	19.00	
		Minimum	28.00	5600.00		120.00	75.00	80.00	40.00	400.00	19.00	
		Maximum	15	15	2	15	12	12	9	6	11	3
	Total	N Mean	6.5333	920.0000	12000.0000	19.8000	19.5833	15.5833	8.5556	208.3333	5.1818	2.3333
		Minimum	1.00	80.00	12000.00	1.00	3.00	2.00	1.00	50.00	1.00	1.00
		Maximum	28.00	5600.00	12000.00	120.00	75.00	80.00	40.00	400.00	19.00	3.00
			4	4	1	4	2	1	1	1	1	
			4.0000	590.0000	5000.0000	3.7500	8.0000	5.0000	3.0000	60.0000	2.0000	
			2.00	240.00	5000.00	3.00	8.00	5.00	3.00	60.00	2.00	
			5.00	800.00	5000.00	5.00	8.00	5.00	3.00	60.00	2.00	
			19	19	3	19	14	13	10	7	12	3
			6.0000	850.5263	9666.6667	16.4211	17.9286	14.7692	8.0000	187.1429	4.9167	2.3333
			1.00	80.00	5000.00	1.00	3.00	2.00	1.00	50.00	1.00	1.00
			28.00	5600.00	12000.00	120.00	75.00	80.00	40.00	400.00	19.00	3.00

Case Summaries

Location of Land			N_A_Input_Output_Area_Potato1_Before	N_A_Input_Output_Produc_Potato1_Before	N_A_Input_Output_Manure_Potato1_Before	N_A_Input_Output_Seed_Potato1_Before	N_A_Input_Output_Urea_Potato1_Before	N_A_Input_Output_DAP_Potato1_Before	N_A_Input_Output_Potash_Potato1_Before	N_A_Input_Output_PP_Potato1_Before	N_A_Input_Output_Human_Potato1_Before	N_A_Input_Output_Tractor_Potato1_Before
Middle	Local	N	3	3	1	3	2	2	1	1	3	2
		Mean	4.3333	438.3333	37500.0000	20.6667	11.5000	7.5000	1.0000	30.0000	10.6667	2.0000
		Minimum	1.00	35.00	37500.00	12.00	8.00	5.00	1.00	30.00	1.00	1.00
		Maximum	10.00	880.00	37500.00	30.00	15.00	10.00	1.00	30.00	20.00	3.00
	Total	N	3	3	1	3	2	2	1	1	3	2

		Mean	4.3333	438.3333	37500.0000	20.6667	11.5000	7.5000	1.0000	30.0000	10.6667	2.0000
		Minimum	1.00	35.00	37500.00	12.00	8.00	5.00	1.00	30.00	1.00	1.00
		Maximum	10.00	880.00	37500.00	30.00	15.00	10.00	1.00	30.00	20.00	3.00
Tail	Local	N	1	1		1	1	1	1		1	1
		Mean	2.0000	240.0000		30.0000	8.0000	5.0000	3.0000		4.0000	.4500
		Minimum	2.00	240.00		30.00	8.00	5.00	3.00		4.00	.45
		Maximum	2.00	240.00		30.00	8.00	5.00	3.00		4.00	.45
	Total	N	1	1		1	1	1	1		1	1
		Mean	2.0000	240.0000		30.0000	8.0000	5.0000	3.0000		4.0000	.4500
		Minimum	2.00	240.00		30.00	8.00	5.00	3.00		4.00	.45
		Maximum	2.00	240.00		30.00	8.00	5.00	3.00		4.00	.45
Total	Local	N	4	4	1	4	3	3	2	1	4	3
		Mean	3.7500	388.7500	37500.0000	23.0000	10.3333	6.6667	2.0000	30.0000	9.0000	1.4833
		Minimum	1.00	35.00	37500.00	12.00	8.00	5.00	1.00	30.00	1.00	.45
		Maximum	10.00	880.00	37500.00	30.00	15.00	10.00	3.00	30.00	20.00	3.00
	Total	N	4	4	1	4	3	3	2	1	4	3
		Mean	3.7500	388.7500	37500.0000	23.0000	10.3333	6.6667	2.0000	30.0000	9.0000	1.4833
		Minimum	1.00	35.00	37500.00	12.00	8.00	5.00	1.00	30.00	1.00	.45
		Maximum	10.00	880.00	37500.00	30.00	15.00	10.00	3.00	30.00	20.00	3.00

Case Summaries

Location of Land			N_A_Input_Output_Area_Vegetable3_Before	N_A_Input_Output_Produc_Vegetable3_Before	N_A_Input_Output_Manure_Vegetable3_Before	N_A_Input_Output_Seed_Vegetable3_Before	N_A_Input_Output_Urea_Vegetable3_Before	N_A_Input_Output_DAP_Vegetable3_Before	N_A_Input_Output_Potash_Vegetable3_Before	N_A_Input_Output_PP_Vegetable3_Before	N_A_Input_Output_Human_Vegetable3_Before	N_A_Input_Output_Animal_Vegetable3_Before
Middle	Local	N	92	92	68	90	84	81	72	82	92	11
		Mean	10.9891	1517.4565	5770.3971	28.7906	24.7262	14.7778	5.6944	304.6463	11.6196	3.8182
		Minimum	1.00	12.00	1.00	.05	1.00	1.00	1.00	1.00	1.00	1.00
		Maximum	60.00	6000.00	40000.00	120.00	100.00	50.00	30.00	5000.00	100.00	5.00
	Total	N Mean	92	92	68	90	84	81	72	82	92	11
		Minimum	10.9891	1517.4565	5770.3971	28.7906	24.7262	14.7778	5.6944	304.6463	11.6196	3.8182
		Maximum	1.00	12.00	1.00	.05	1.00	1.00	1.00	1.00	1.00	1.00
Tail	Local	N Mean	60.00	6000.00	40000.00	120.00	100.00	50.00	30.00	5000.00	100.00	5.00
		Minimum	10	10	3	9	8	9	4		5	
		Maximum	2.1500	578.0000	766.6667	77.0000	24.3750	18.5556	5.2500		3.6000	
	Total	N Mean	.50	40.00	750.00	1.00	10.00	3.00	1.00		1.00	
		Minimum	5.00	2400.00	800.00	195.00	65.00	50.00	10.00		5.00	
		Maximum	10	10	3	9	8	9	4		5	
Total	Local	N Mean	2.1500	578.0000	766.6667	77.0000	24.3750	18.5556	5.2500		3.6000	
		Minimum	.50	40.00	750.00	1.00	10.00	3.00	1.00		1.00	
		Maximum	5.00	2400.00	800.00	195.00	65.00	50.00	10.00		5.00	
	Total	N Mean	102	102	71	99	92	90	76	82	97	11
		Minimum	10.1225	1425.3529	5558.9718	33.1732	24.6957	15.1556	5.6711	304.6463	11.2062	3.8182
		Maximum	.50	12.00	1.00	.05	1.00	1.00	1.00	1.00	1.00	1.00
			60.00	6000.00	40000.00	195.00	100.00	50.00	30.00	5000.00	100.00	5.00
			102	102	71	99	92	90	76	82	97	11
			10.1225	1425.3529	5558.9718	33.1732	24.6957	15.1556	5.6711	304.6463	11.2062	3.8182
			.50	12.00	1.00	.05	1.00	1.00	1.00	1.00	1.00	1.00
			60.00	6000.00	40000.00	195.00	100.00	50.00	30.00	5000.00	100.00	5.00

Case Summaries

Location of Land			N_B_Input_Output_Area_Rice_After	N_B_Input_Output_Produc_Rice_After	N_B_Input_Output_Manure_Rice_After	N_B_Input_Output_Seed_Rice_After	N_B_Input_Output_Urea_Rice_After	N_B_Input_Output_DAP_Rice_After	N_B_Input_Output_Potash_Rice_After	N_B_Input_Output_PP_Rice_After	N_B_Input_Output_Human_Rice_After	N_B_Input_Output_Animal_Rice_After
Head	Local	N	51	51	46	51	50	50	50	22	51	1
		Mean	9.64706	1260.0980	5441.7174	21.3137	23.2400	17.7800	8.5600	297.7273	14.69	40.00
		Minimum	1.000	25.00	1.00	2.00	3.00	2.00	1.00	50.00	1	40
		Maximum	25.000	4600.00	20000.00	80.00	80.00	50.00	40.00	500.00	37	40
	Improved	N	151	151	143	150	149	149	145	5	148	7

		Mean	15.02318	2134.9669	5291.3427	41.7153	24.1812	23.5705	10.1103	280.0000	27.51	14.71
		Minimum	1.000	200.00	1.00	1.30	3.00	2.00	1.00	200.00	2	5
		Maximum	50.000	12000.00	25000.00	800.00	60.00	100.00	50.00	400.00	250	30
	Total	N	202	202	189	201	199	199	195	27	199	8
		Mean	13.66584	1914.0842	5327.9418	36.5388	23.9447	22.1156	9.7128	294.4444	24.22	17.88
		Minimum	1.000	25.00	1.00	1.30	3.00	2.00	1.00	50.00	1	5
		Maximum	50.000	12000.00	25000.00	800.00	80.00	100.00	50.00	500.00	250	40
Middle	Local	N	582	582	239	579	570	571	269	306	564	41
		Mean	16.79768	2401.1289	4207.5314	48.7340	40.1132	39.4081	15.9554	510.2124	11.52	3.24
		Minimum	.750	17.00	5.00	2.00	1.50	1.50	1.00	3.00	1	1
		Maximum	120.000	24000.00	100000.00	4000.00	390.00	520.00	500.00	5000.00	100	12
	Improved	N	15	15	11	15	15	15	1	11	15	2
		Mean	15.06667	1605.3333	3627.2727	28.8667	46.8667	46.8000	1.0000	209.0909	9.67	3.00
		Minimum	2.000	120.00	400.00	1.00	5.00	3.00	1.00	100.00	2	1
		Maximum	60.000	6000.00	12000.00	120.00	200.00	200.00	1.00	600.00	25	5
	Total	N	597	597	250	594	585	586	270	317	579	43
		Mean	16.75419	2381.1340	4182.0000	48.2323	40.2863	39.5973	15.9000	499.7634	11.47	3.23
		Minimum	.750	17.00	5.00	1.00	1.50	1.50	1.00	3.00	1	1
		Maximum	120.000	24000.00	100000.00	4000.00	390.00	520.00	500.00	5000.00	100	12
Tail	Local	N	171	171	45	169	168	169	143	48	163	6
		Mean	20.97076	2160.0292	13236.6667	42.8462	47.4464	46.5444	19.7063	523.5417	45.54	23.17
		Minimum	1.000	35.00	100.00	5.00	2.00	2.00	1.00	60.00	1	2
		Maximum	240.000	12000.00	320000.00	200.00	195.00	195.00	65.00	5000.00	5000	100
	Improved	N	2	2	2	2	2	2	2		2	
		Mean	30.00000	3200.0000	20000.0000	55.0000	40.0000	35.0000	15.0000		26.00	
		Minimum	20.000	2800.00	20000.00	30.00	30.00	20.00	5.00		22	
		Maximum	40.000	3600.00	20000.00	80.00	50.00	50.00	25.00		30	
	Total	N	173	173	47	171	170	171	145	48	165	6
		Mean	21.07514	2172.0520	13524.4681	42.9883	47.3588	46.4094	19.6414	523.5417	45.30	23.17
		Minimum	1.000	35.00	100.00	5.00	2.00	2.00	1.00	60.00	1	2
		Maximum	240.000	12000.00	320000.00	200.00	195.00	195.00	65.00	5000.00	5000	100
Total	Local	N	804	804	330	799	788	790	462	376	778	48
		Mean	17.23165	2277.4714	5610.8152	45.7384	40.6060	39.5658	16.3160	499.4814	18.86	6.50
		Minimum	.750	17.00	1.00	2.00	1.50	1.50	1.00	3.00	1	1
		Maximum	240.000	24000.00	320000.00	4000.00	390.00	520.00	500.00	5000.00	5000	100
	Improved	N	168	168	156	167	166	166	148	16	165	9
		Mean	15.20536	2100.3571	5362.5769	40.7204	26.4217	25.8072	10.1149	231.2500	25.87	12.11
		Minimum	1.000	120.00	1.00	1.00	3.00	2.00	1.00	100.00	2	1
		Maximum	60.000	12000.00	25000.00	800.00	200.00	200.00	50.00	600.00	250	30
	Total	N	972	972	486	966	954	956	610	392	943	57
		Mean	16.88143	2246.8591	5531.1337	44.8709	38.1378	37.1768	14.8115	488.5332	20.08	7.39
		Minimum	.750	17.00	1.00	1.00	1.50	1.50	1.00	3.00	1	1
		Maximum	240.000	24000.00	320000.00	4000.00	390.00	520.00	500.00	5000.00	5000	100

Case Summaries

Location of Land			N_B_Input_Output_Area_Maize_After	N_B_Input_Output_Produc_Maize_After	N_B_Input_Output_Seed_Maize_After	N_B_Input_Output_Urea_Maize_After	N_B_Input_Output_DAP_Maize_After	N_B_Input_Output_Potash_Maize_After	N_B_Input_Output_PP_Maize_After	N_B_Input_Output_Human_Maize_After	N_B_Input_Output_Tractor_Maize_After
Middle	Local	N	4	4	4	4	3	1	1	4	4
		Mean	2.2500	360.0000	3.5000	4.7500	4.6667	1.0000	80.0000	2.50	.7500
		Minimum	1.00	80.00	1.00	2.00	1.00	1.00	80.00	1	.50
		Maximum	3.00	560.00	8.00	10.00	8.00	1.00	80.00	4	1.00
	Total	N Mean	4	4	4	4	3	1	1	4	4
		Minimum	2.2500	360.0000	3.5000	4.7500	4.6667	1.0000	80.0000	2.50	.7500
		Maximum	1.00	80.00	1.00	2.00	1.00	1.00	80.00	1	.50
Total	Local	N Mean	3.00	560.00	8.00	10.00	8.00	1.00	80.00	4	1.00
		Minimum	4	4	4	4	3	1	1	4	4
			2.2500	360.0000	3.5000	4.7500	4.6667	1.0000	80.0000	2.50	.7500
			1.00	80.00	1.00	2.00	1.00	1.00	80.00	1	.50

		Maximum	3.00	560.00	8.00	10.00	8.00	1.00	80.00	4	1.00
	Total	N	4	4	4	4	3	1	1	4	4
		Mean	2.2500	360.0000	3.5000	4.7500	4.6667	1.0000	80.0000	2.50	.7500
		Minimum	1.00	80.00	1.00	2.00	1.00	1.00	80.00	1	.50
		Maximum	3.00	560.00	8.00	10.00	8.00	1.00	80.00	4	1.00

Case Summaries

Location of Land			N_B_Input_Output_Area_Vegetable_After	N_B_Input_Output_Produc_Vegetable_After	N_B_Input_Output_Manure_Vegetable_After	N_B_Input_Output_Seed_Vegetable_After	N_B_Input_Output_Urea_Vegetable_After	N_B_Input_Output_DAP_Vegetable_After	N_B_Input_Output_Potash_Vegetable_After	N_B_Input_Output_PP_Vegetable_After	N_B_Input_Output_Human_Vegetable_After	N_B_Input_Output_Animal_Vegetable_After
Middle	Local	N	23	23	13	21	21	19	10	15	14	9
		Mean	3.0217	230.1739	1648.4615	5.4429	9.1429	5.0526	2.1000	169.3333	289.2857	1.6667
		Minimum	1.00	12.00	20.00	.10	1.00	1.00	1.00	40.00	1.00	1.00
		Maximum	5.00	800.00	4000.00	10.00	15.00	15.00	5.00	1000.00	2000.00	2.00
	Total	N Mean	23	23	13	21	21	19	10	15	14	9
		Minimum	3.0217	230.1739	1648.4615	5.4429	9.1429	5.0526	2.1000	169.3333	289.2857	1.6667
		Maximum	1.00	12.00	20.00	.10	1.00	1.00	1.00	40.00	1.00	1.00
Tail	Local	N Mean	5.00	800.00	4000.00	10.00	15.00	15.00	5.00	1000.00	2000.00	2.00
		Minimum	1	1	1		1	1	1	1		1
		Maximum	3.0000	250.0000	4000.0000		20.0000	18.0000	1.0000	400.0000		.5000
	Improved	N Mean	3.00	250.00	4000.00		20.00	18.00	1.00	400.00		.50
		Minimum	3.00	250.00	4000.00		20.00	18.00	1.00	400.00		.50
		Maximum	1	1		1	1	1	1		1	
	Total	N Mean	4.0000	320.0000		5.0000	18.0000	10.0000	1.0000		4.0000	
		Minimum	4.00	320.00		5.00	18.00	10.00	1.00		4.00	
		Maximum	4.00	320.00		5.00	18.00	10.00	1.00		4.00	
Total	Local	N Mean	2	2	1	1	2	2	2	1	1	1
		Minimum	3.5000	285.0000	4000.0000	5.0000	19.0000	14.0000	1.0000	400.0000	4.0000	.5000
		Maximum	3.00	250.00	4000.00	5.00	18.00	10.00	1.00	400.00	4.00	.50
	Improved	N Mean	4.00	320.00	4000.00	5.00	20.00	18.00	1.00	400.00	4.00	.50
		Minimum	24	24	14	21	22	20	11	16	14	10
		Maximum	3.0208	231.0000	1816.4286	5.4429	9.6364	5.7000	2.0000	183.7500	289.2857	1.5500
	Total	N Mean	1.00	12.00	20.00	.10	1.00	1.00	1.00	40.00	1.00	.50
		Minimum	5.00	800.00	4000.00	10.00	20.00	18.00	5.00	1000.00	2000.00	2.00
		Maximum	1	1		1	1	1	1		1	
			4.0000	320.0000		5.0000	18.0000	10.0000	1.0000		4.0000	
			4.00	320.00		5.00	18.00	10.00	1.00		4.00	
			4.00	320.00		5.00	18.00	10.00	1.00		4.00	
			25	25	14	22	23	21	12	16	15	10
			3.0600	234.5600	1816.4286	5.4227	10.0000	5.9048	1.9167	183.7500	270.2667	1.5500
			1.00	12.00	20.00	.10	1.00	1.00	1.00	40.00	1.00	.50
			5.00	800.00	4000.00	10.00	20.00	18.00	5.00	1000.00	2000.00	2.00

Case Summaries

Location of Land			N_B_Input_Output_Area_Maize1_After	N_B_Input_Output_Produc_Maize1_After	N_B_Input_Output_Manure_Maize1_After	N_B_Input_Output_Seed_Maize1_After	N_B_Input_Output_Urea_Maize1_After	N_B_Input_Output_DAP_Maize1_After	N_B_Input_Output_Potash_Maize1_After	N_B_Input_Output_PP_Maize1_After	N_B_Input_Output_Human_Maize1_After	N_B_Input_Output_Animal_Maize1_After
Head	1.00	N	32	32	29	32	29	29	27		32	2
		Mean	5.8750	345.0000	3086.9310	8.1563	15.6207	10.4483	5.2963		9.5625	20.2500
		Minimum	1.00	80.00	1.00	1.00	4.00	2.00	2.00		1.00	.50
		Maximum	24.00	1200.00	20000.00	50.00	50.00	20.00	10.00		50.00	40.00
	2.00	N Mean	117	117	114	117	115	110	93	8	113	8
		Minimum	5.4872	482.9060	4281.5965	5.7179	15.1304	13.7909	6.0645	153.1250	9.8053	7.7500
		Maximum	1.00	80.00	1.00	1.00	1.00	3.00	2.00	10.00	1.00	2.00
	Total	N Mean	30.00	1800.00	12000.00	40.00	50.00	40.00	15.00	300.00	50.00	30.00
		Minimum	149	149	143	149	144	139	120	8	145	10
		Maximum	5.5705	453.2886	4039.3217	6.2416	15.2292	13.0935	5.8917	153.1250	9.7517	10.2500
			1.00	80.00	1.00	1.00	1.00	2.00	2.00	10.00	1.00	.50
			30.00	1800.00	20000.00	50.00	50.00	40.00	15.00	300.00	50.00	40.00

Middle	1.00	N	115	115	61	114	107	110	49	49	109	15
		Mean	4.5522	573.7391	2173.9344	10.6404	14.4393	15.1000	9.8980	397.9184	3.0459	1.8667
		Minimum	.50	10.00	10.00	1.00	1.00	1.00	1.00	3.00	1.00	1.00
		Maximum	20.00	3600.00	12500.00	200.00	70.00	80.00	100.00	1500.00	10.00	8.00
	2.00	N	11	11	4	11	11	10	6	2	9	
		Mean	5.5455	490.9091	5165.0000	5.4545	11.4545	8.5000	3.8333	350.0000	3.2222	
		Minimum	1.00	80.00	10.00	1.00	3.00	3.00	2.00	200.00	2.00	
		Maximum	12.00	1600.00	16000.00	15.00	20.00	20.00	10.00	500.00	5.00	
	3.00	N	29	29	24	29	28	29	22	1	29	1
		Mean	5.5000	710.8621	378.7500	5.8966	16.0714	15.0690	5.1364	200.0000	4.0690	1.0000
		Minimum	1.00	40.00	10.00	2.00	3.00	2.00	1.00	200.00	1.00	1.00
		Maximum	20.00	8000.00	7500.00	30.00	50.00	50.00	20.00	200.00	10.00	1.00
	5.00	N	1	1	1	1	1		1	1		1
		Mean	600.0000	400.0000	12.0000	5.0000	5.0000		60.0000	2.0000		1.5000
		Minimum	600.00	400.00	12.00	5.00	5.00		60.00	2.00		1.50
		Maximum	600.00	400.00	12.00	5.00	5.00		60.00	2.00		1.50
	Total	N	156	156	90	155	147	149	78	53	147	17
		Mean	8.6154	592.2756	1804.1333	9.3484	14.4626	14.6510	8.7308	384.9057	3.2585	1.7941
		Minimum	.50	10.00	10.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00
		Maximum	600.00	8000.00	16000.00	200.00	70.00	80.00	100.00	1500.00	10.00	8.00
Tail	1.00	N	52	52	22	52	49	45	25	5	43	
		Mean	4.7885	319.0000	2587.2727	4.9038	15.2245	11.3333	3.6800	1260.0000	3.5349	
		Minimum	1.00	8.00	70.00	1.00	3.00	2.00	1.00	100.00	1.00	
		Maximum	16.00	1200.00	20000.00	20.00	65.00	65.00	10.00	5000.00	10.00	
	2.00	N	9	9	4	9	8	8	5	1	6	
		Mean	5.1111	444.4444	6687.5000	10.0000	21.0000	19.0000	5.8000	200.0000	6.6667	
		Minimum	1.00	80.00	750.00	1.00	5.00	2.00	2.00	200.00	3.00	
		Maximum	10.00	1000.00	12000.00	40.00	65.00	65.00	10.00	200.00	15.00	
	3.00	N	2	2	2	2	2	2	2		2	
		Mean	6.0000	540.0000	8000.0000	6.0000	20.0000	16.5000	3.5000		3.5000	
		Minimum	2.00	280.00	8000.00	2.00	10.00	8.00	2.00		2.00	
		Maximum	10.00	800.00	8000.00	10.00	30.00	25.00	5.00		5.00	
	Total	N	63	63	28	63	59	55	32	6	51	
		Mean	4.8730	343.9365	3559.6429	5.6667	16.1695	12.6364	4.0000	1083.3333	3.9020	
		Minimum	1.00	8.00	70.00	1.00	3.00	2.00	1.00	100.00	1.00	
		Maximum	16.00	1200.00	20000.00	40.00	65.00	65.00	10.00	5000.00	15.00	
Total	1.00	N	199	199	112	198	185	184	101	54	184	17
		Mean	4.8266	470.3920	2491.5268	8.7323	14.8324	13.4457	7.1287	477.7407	4.2935	4.0294
		Minimum	.50	8.00	1.00	1.00	1.00	1.00	1.00	3.00	1.00	.50
		Maximum	24.00	3600.00	20000.00	200.00	70.00	80.00	100.00	5000.00	50.00	40.00
	2.00	N	137	137	122	137	134	128	104	11	128	8
		Mean	5.4672	481.0219	4389.4426	5.9781	15.1791	13.7031	5.9231	193.1818	9.1953	7.7500
		Minimum	1.00	80.00	1.00	1.00	1.00	2.00	2.00	10.00	1.00	2.00
		Maximum	30.00	1800.00	16000.00	40.00	65.00	65.00	15.00	500.00	50.00	30.00
	3.00	N	31	31	26	31	30	31	24	1	31	1
		Mean	5.5323	699.8387	965.0000	5.9032	16.3333	15.1613	5.0000	200.0000	4.0323	1.0000
		Minimum	1.00	40.00	10.00	2.00	3.00	2.00	1.00	200.00	1.00	1.00
		Maximum	20.00	8000.00	8000.00	30.00	50.00	50.00	20.00	200.00	10.00	1.00
	5.00	N	1	1	1	1	1		1	1		1
		Mean	600.0000	400.0000	12.0000	5.0000	5.0000		60.0000	2.0000		1.5000
		Minimum	600.00	400.00	12.00	5.00	5.00		60.00	2.00		1.50
		Maximum	600.00	400.00	12.00	5.00	5.00		60.00	2.00		1.50
	Total	N	368	368	261	367	350	343	230	67	343	27
		Mean	6.7418	493.4864	3217.1073	7.4550	15.0657	13.6968	6.5913	419.7761	6.0991	4.9259
		Minimum	.50	8.00	1.00	1.00	1.00	1.00	1.00	2.00	1.00	.50
		Maximum	600.00	8000.00	20000.00	200.00	70.00	80.00	100.00	5000.00	50.00	40.00

Case Summaries

Location of Land			N_B_Input_Output_Area_Wheat_After	N_B_Input_Output_Produc_Wheat_After	N_B_Input_Output_Manure_Wheat_After	N_B_Input_Output_Seed_Wheat_After	N_B_Input_Output_Urea_Wheat_After	N_B_Input_Output_DAP_Wheat_After	N_B_Input_Output_Potash_Wheat_After	N_B_Input_Output_PP_Wheat_After	N_B_Input_Output_Human_Wheat_After	N_B_Input_Output_Animal_Wheat_After
Head	Local	N	10	10	8	10	10	10	9		10	
		Mean	4.30000	252.0000	3754.3750	18.3000	14.0000	10.5000	6.2222		5.50	
		Minimum	2.000	200.00	35.00	3.00	5.00	4.00	3.00		2	
		Maximum	7.000	480.00	12500.00	40.00	50.00	30.00	20.00		10	
	Improved	N Mean	1	1	1	1	1	1	1		1	
		Minimum	10.00000	1000.0000	4000.0000	30.0000	20.0000	20.0000	10.0000		10.00	
		Maximum	10.000	1000.00	4000.00	30.00	20.00	20.00	10.00		10	
	Total	N Mean	10.000	1000.00	4000.00	30.00	20.00	20.00	10.00		10	
		Minimum	11	11	9	11	11	11	10		11	
		Maximum	4.81818	320.0000	3781.6667	19.3636	14.5455	11.3636	6.6000		5.91	
Middle	Local	N Mean	2.000	200.00	35.00	3.00	5.00	4.00	3.00		2	
		Minimum	10.000	1000.00	12500.00	40.00	50.00	30.00	20.00		10	
		Maximum	45	45	25	45	45	43	26	26	45	14
	Improved	N Mean	5.61111	619.5556	4900.0000	40.6667	27.4667	20.8605	10.0000	148.3462	5.80	1.57
		Minimum	.500	40.00	40.00	1.00	3.00	1.00	1.00	2.00	1	1
		Maximum	25.000	1600.00	12500.00	150.00	100.00	70.00	100.00	300.00	50	4
	Total	N Mean	2	2		2	2	2	2	2	2	
		Minimum	6.50000	1100.0000		28.5000	30.0000	10.0000	5.5000	1000.0000	4.00	
		Maximum	5.000	1000.00		25.00	20.00	5.00	1.00	1000.00	3	
Tail	Local	N Mean	8.000	1200.00		32.00	40.00	15.00	10.00	1000.00	5	
		Minimum	47	47	25	47	47	45	28	28	47	14
		Maximum	5.64894	640.0000	4900.0000	40.1489	27.5745	20.3778	9.6786	209.1786	5.72	1.57
	Total	N Mean	.500	40.00	40.00	1.00	3.00	1.00	1.00	2.00	1	1
		Minimum	25.000	1600.00	12500.00	150.00	100.00	70.00	100.00	1000.00	50	4
		Maximum	38	38	24	37	10	33	6	1	5	
Total	Local	N Mean	2.24342	216.7105	1592.2917	29.8649	14.7000	7.9394	6.0833	300.0000	7.00	
		Minimum	.500	10.00	15.00	5.00	1.00	1.00	.50	300.00	1	
		Maximum	20.000	1800.00	10000.00	110.00	50.00	60.00	20.00	300.00	20	
	Improved	N Mean	38	38	24	37	10	33	6	1	5	
		Minimum	2.24342	216.7105	1592.2917	29.8649	14.7000	7.9394	6.0833	300.0000	7.00	
		Maximum	.500	10.00	15.00	5.00	1.00	1.00	.50	300.00	1	
	Total	N Mean	20.000	1800.00	10000.00	110.00	50.00	60.00	20.00	300.00	20	
		Minimum	93	93	57	92	65	86	41	27	60	14
		Maximum	4.09409	415.4301	3346.4912	33.8913	23.4308	14.6977	8.5976	153.9630	5.85	1.57
			.500	10.00	15.00	1.00	1.00	1.00	.50	2.00	1	1
			25.000	1800.00	12500.00	150.00	100.00	70.00	100.00	300.00	50	4
			3	3	1	3	3	3	3	2	3	
			7.66667	1066.6667	4000.0000	29.0000	26.6667	13.3333	7.0000	1000.0000	6.00	
			5.000	1000.00	4000.00	25.00	20.00	5.00	1.00	1000.00	3	
			10.000	1200.00	4000.00	32.00	40.00	20.00	10.00	1000.00	10	
			96	96	58	95	68	89	44	29	63	14
			4.20573	435.7813	3357.7586	33.7368	23.5735	14.6517	8.4886	212.3103	5.86	1.57
			.500	10.00	15.00	1.00	1.00	1.00	.50	2.00	1	1
			25.000	1800.00	12500.00	150.00	100.00	70.00	100.00	1000.00	50	4

Case Summaries

Location of Land			N_B_Input_Output_Area_Potato_After	N_B_Input_Output_Produc_Potato_After	N_B_Input_Output_Manure_Potato_After	N_B_Input_Output_Seed_Potato_After	N_B_Input_Output_Urea_Potato_After	N_B_Input_Output_DAP_Potato_After	N_B_Input_Output_Potash_Potato_After	N_B_Input_Output_PP_Potato_After	N_B_Input_Output_Human_Potato_After	N_B_Input_Output_Animal_Potato_After
Head	Local	N	1	1	1	1	1	1	1		1	
		Mean	1.00000	200.0000	100.0000	25.0000	8.0000	5.0000	4.0000		3.00	
		Minimum	1.000	200.00	100.00	25.00	8.00	5.00	4.00		3	
		Maximum	1.000	200.00	100.00	25.00	8.00	5.00	4.00		3	
	Improved	N Mean	4	4	3	3	3	3	3	2	4	
		Minimum	2.50000	250.0000	6666.6667	18.3333	16.6667	15.0000	1.3333	300.0000	3.00	
			1.000	120.00	4000.00	10.00	5.00	5.00	1.00	100.00	2	

		Maximum	5.000	480.00	8000.00	25.00	25.00	20.00	2.00	500.00	5	
	Total	N	5	5	4	4	4	4	4	2	5	
		Mean	2.20000	240.0000	5025.0000	20.0000	14.5000	12.5000	2.0000	300.0000	3.00	
		Minimum	1.000	120.00	100.00	10.00	5.00	5.00	1.00	100.00	2	
		Maximum	5.000	480.00	8000.00	25.00	25.00	20.00	4.00	500.00	5	
Middle	Local	N	166	165	114	161	42	158	147	116	154	30
		Mean	2.39804	338.6303	1209.2018	43.2919	10.9048	6.3418	8.3605	351.9655	2.36	2.03
		Minimum	.025	7.00	1.00	2.00	1.00	.50	1.00	2.00	1	1
		Maximum	40.000	6000.00	12000.00	1000.00	50.00	50.00	500.00	3500.00	10	9
	Improved	N	12	12	4	12	7	10	9	6	9	1
		Mean	1.16875	154.1667	4630.0000	23.7500	9.4286	6.3000	3.2222	293.3333	2.00	1.00
		Minimum	.025	80.00	20.00	10.00	3.00	2.00	1.00	100.00	2	1
		Maximum	2.000	400.00	8000.00	60.00	20.00	15.00	5.00	1000.00	2	1
	5	N	1	1	1		1	1	1	1		1
		Mean	800.00000	2000.0000	60.0000		6.0000	3.0000	200.0000	2.0000		2.00
		Minimum	800.000	2000.00	60.00		6.00	3.00	200.00	2.00		2
		Maximum	800.000	2000.00	60.00		6.00	3.00	200.00	2.00		2
	Total	N	179	178	119	173	50	169	157	123	163	32
		Mean	6.77151	335.5281	1314.5294	41.9364	10.6000	6.3195	9.2866	346.2602	2.34	2.00
		Minimum	.025	7.00	1.00	2.00	1.00	.50	1.00	2.00	1	1
		Maximum	800.000	6000.00	12000.00	1000.00	50.00	50.00	500.00	3500.00	10	9
Tail	Local	N	21	21	8	21	15	18	13	3	12	1
		Mean	2.92857	273.5714	1064.0000	28.0000	10.4000	8.3333	4.4615	150.0000	2.25	1.00
		Minimum	.500	20.00	2.00	1.00	2.00	1.00	1.00	100.00	1	1
		Maximum	10.000	1200.00	4000.00	195.00	30.00	20.00	20.00	200.00	5	1
	Improved	N	9	9	4	9	7	7	6	4	6	
		Mean	2.66667	337.7778	5250.0000	26.6667	301.1429	10.5714	2.8333	225.0000	3.50	
		Minimum	1.000	80.00	4000.00	10.00	8.00	4.00	1.00	100.00	2	
		Maximum	5.000	720.00	8000.00	50.00	2020.00	20.00	5.00	300.00	5	
	Total	N	30	30	12	30	22	25	19	7	18	1
		Mean	2.85000	292.8333	2459.3333	27.6000	102.9091	8.9600	3.9474	192.8571	2.67	1.00
		Minimum	.500	20.00	2.00	1.00	2.00	1.00	1.00	100.00	1	1
		Maximum	10.000	1200.00	8000.00	195.00	2020.00	20.00	20.00	300.00	5	1
Total	Local	N	188	187	123	183	58	177	161	119	167	31
		Mean	2.44987	330.5829	1190.7398	41.4372	10.7241	6.5367	8.0186	346.8739	2.35	2.00
		Minimum	.025	7.00	1.00	1.00	1.00	.50	1.00	2.00	1	1
		Maximum	40.000	6000.00	12000.00	1000.00	50.00	50.00	500.00	3500.00	10	9
	Improved	N	25	25	11	24	17	20	18	12	19	1
		Mean	1.92100	235.6000	5410.9091	24.1667	130.8235	9.1000	2.7778	271.6667	2.68	1.00
		Minimum	.025	80.00	20.00	10.00	3.00	2.00	1.00	100.00	2	1
		Maximum	5.000	720.00	8000.00	60.00	2020.00	20.00	5.00	1000.00	5	1
	5	N	1	1	1		1	1	1	1		1
		Mean	800.00000	2000.0000	60.0000		6.0000	3.0000	200.0000	2.0000		2.00
		Minimum	800.000	2000.00	60.00		6.00	3.00	200.00	2.00		2
		Maximum	800.000	2000.00	60.00		6.00	3.00	200.00	2.00		2
	Total	N	214	213	135	207	76	198	180	132	186	33
		Mean	6.11495	327.2723	1526.2296	39.4348	37.5263	6.7778	8.5611	337.4242	2.39	1.97
		Minimum	.025	7.00	1.00	1.00	1.00	.50	1.00	2.00	1	1
		Maximum	800.000	6000.00	12000.00	1000.00	2020.00	50.00	500.00	3500.00	10	9

Case Summaries

Location of Land			N_B_Input_Output_Area_Vegtable1_After	N_B_Input_Output_Produc_Vegtable1_After	N_B_Input_Output_Manure_Vegtable1_After	N_B_Input_Output_Seed_Vegtable1_After	N_B_Input_Output_Urea_Vegtable1_After	N_B_Input_Output_Dap_Vegtable1_After	N_B_Input_Output_PP_Vegtable1_After	N_B_Input_Output_Human_Vegtable1_After	N_B_Input_Output_Animal_Vegtable1_After	N_B_Input_Output_Tractor_Vegtable1_After
Middle	1.00	N	36	36	18	31	29	31	24	24	21	11
		Mean	3.9444	389.1667	2586.6667	25.4371	11.4655	11.4032	123.1250	233.3750	4.5714	5.0000
		Minimum	1.00	5.00	10.00	.05	.50	.50	1.00	1.00	1.00	.50
		Maximum	20.00	4800.00	10000.00	200.00	50.00	100.00	1000.00	2000.00	12.00	30.00
	Total	N	36	36	18	31	29	31	24	24	21	11

		Mean	3.9444	389.1667	2586.6667	25.4371	11.4655	11.4032	123.1250	233.3750	4.5714	5.0000
		Minimum	1.00	5.00	10.00	.05	.50	.50	1.00	1.00	1.00	.50
		Maximum	20.00	4800.00	10000.00	200.00	50.00	100.00	1000.00	2000.00	12.00	30.00
Tail	1.00	N	14	14	6	11	9	13	3	3	3	
		Mean	4.0000	148.5714	2108.3333	2.8191	9.6667	11.8462	2.0000	216.6667	2.0000	
		Minimum	1.00	15.00	250.00	.01	2.00	2.00	1.00	150.00	1.00	
		Maximum	10.00	600.00	8000.00	6.00	30.00	65.00	3.00	300.00	3.00	
	Total	N	14	14	6	11	9	13	3	3	3	
		Mean	4.0000	148.5714	2108.3333	2.8191	9.6667	11.8462	2.0000	216.6667	2.0000	
		Minimum	1.00	15.00	250.00	.01	2.00	2.00	1.00	150.00	1.00	
		Maximum	10.00	600.00	8000.00	6.00	30.00	65.00	3.00	300.00	3.00	
Total	1.00	N	50	50	24	42	38	44	27	27	24	11
		Mean	3.9600	321.8000	2467.0833	19.5133	11.0395	11.5341	109.6667	231.5185	4.2500	5.0000
		Minimum	1.00	5.00	10.00	.01	.50	.50	1.00	1.00	1.00	.50
		Maximum	20.00	4800.00	10000.00	200.00	50.00	100.00	1000.00	2000.00	12.00	30.00
	Total	N	50	50	24	42	38	44	27	27	24	11
		Mean	3.9600	321.8000	2467.0833	19.5133	11.0395	11.5341	109.6667	231.5185	4.2500	5.0000
		Minimum	1.00	5.00	10.00	.01	.50	.50	1.00	1.00	1.00	.50
		Maximum	20.00	4800.00	10000.00	200.00	50.00	100.00	1000.00	2000.00	12.00	30.00

Case Summaries

Location of Land			N_B_Input_Output_Area_Lentil_After	N_B_Input_Output_Produc_Lentil_After	N_B_Input_Output_Seed_Lentil_After	N_B_Input_Output_Urea_Lentil_After	N_B_Input_Output_DAP_Lentil_After	N_B_Input_Output_Potash_Lentil_After	N_B_Input_Output_PP_Lentil_After	N_B_Input_Output_Human_Lentil_After	N_B_Input_Output_Tractor_Lentil_After	N_B_Input_Output_Harvest_Lentil_After
Middle	Local	N	7	7	6	1	1	1	1	5	2	1
		Mean	5.9286	173.8571	7.5000	20.0000	20.0000	5.0000	500.0000	2.0000	1.0000	1.0000
		Minimum	.50	5.00	1.00	20.00	20.00	5.00	500.00	1.00	1.00	1.00
		Maximum	20.00	480.00	25.00	20.00	20.00	5.00	500.00	5.00	1.00	1.00
	Total	N Mean	7	7	6	1	1	1	1	5	2	1
		Minimum	5.9286	173.8571	7.5000	20.0000	20.0000	5.0000	500.0000	2.0000	1.0000	1.0000
		Maximum	.50	5.00	1.00	20.00	20.00	5.00	500.00	1.00	1.00	1.00
Total	Local	N Mean	20.00	480.00	25.00	20.00	20.00	5.00	500.00	5.00	1.00	1.00
		Minimum	7	7	6	1	1	1	1	5	2	1
		Maximum	5.9286	173.8571	7.5000	20.0000	20.0000	5.0000	500.0000	2.0000	1.0000	1.0000
	Total	N Mean	.50	5.00	1.00	20.00	20.00	5.00	500.00	1.00	1.00	1.00
		Minimum	20.00	480.00	25.00	20.00	20.00	5.00	500.00	5.00	1.00	1.00
		Maximum	7	7	6	1	1	1	1	5	2	1
			5.9286	173.8571	7.5000	20.0000	20.0000	5.0000	500.0000	2.0000	1.0000	1.0000
			.50	5.00	1.00	20.00	20.00	5.00	500.00	1.00	1.00	1.00
			20.00	480.00	25.00	20.00	20.00	5.00	500.00	5.00	1.00	1.00

Case Summaries

Location of Land			N_B_Input_Output_Area_Oilseed_After	N_B_Input_Output_Produc_Oilseed_After	N_B_Input_Output_Manure_Oilseed_After	N_B_Input_Output_Seed_Oilseed_After	N_B_Input_Output_Urea_Oilseed_After	N_B_Input_Output_DAP_Oilseed_After	N_B_Input_Output_Potash_Oilseed_After	N_B_Input_Output_PP_Oilseed_After	N_B_Input_Output_Human_Oilseed_After	N_B_Input_Output_Animal_Oilseed_After
Head	Local	N	1	1	1	1	1	1	1		1	1
		Mean	1.00000	30.0000	4000.0000	1.0000	8.0000	4.0000	2.0000		3.0000	2.0000
		Minimum	1.000	30.00	4000.00	1.00	8.00	4.00	2.00		3.00	2.00
		Maximum	1.000	30.00	4000.00	1.00	8.00	4.00	2.00		3.00	2.00
	Improved	N Mean	2	2	2	2	2	2	1		2	
		Minimum	4.00000	60.0000	4000.0000	2.0000	4.0000	4.0000	3.0000		3.5000	
		Maximum	3.000	40.00	4000.00	2.00	3.00	3.00	3.00		2.00	
	Total	N Mean	5.000	80.00	4000.00	2.00	5.00	5.00	3.00		5.00	
		Minimum	3	3	3	3	3	3	2		3	1
		Maximum	3.00000	50.0000	4000.0000	1.6667	5.3333	4.0000	2.5000		3.3333	2.0000
Middle	Local	N	1.000	30.00	4000.00	1.00	3.00	3.00	2.00		2.00	2.00
		Mean	5.000	80.00	4000.00	2.00	8.00	5.00	3.00		5.00	2.00
			26	26	12	26	12	14	3	6	20	2
			4.36538	160.5769	1400.0000	5.0769	6.0833	5.7857	1.3333	275.0000	2.0500	1.0000

		Minimum	.500	10.00	100.00	1.00	1.00	1.00	1.00	50.00	1.00	1.00
		Maximum	15.000	1400.00	5000.00	35.00	15.00	16.00	2.00	500.00	8.00	1.00
	Total	N	26	26	12	26	12	14	3	6	20	2
		Mean	4.36538	160.5769	1400.0000	5.0769	6.0833	5.7857	1.3333	275.0000	2.0500	1.0000
		Minimum	.500	10.00	100.00	1.00	1.00	1.00	1.00	50.00	1.00	1.00
		Maximum	15.000	1400.00	5000.00	35.00	15.00	16.00	2.00	500.00	8.00	1.00
Tail	Local	N	7	7	2	6	6	6	3		3	1
		Mean	2.85714	130.7143	310.0000	3.3333	9.1667	6.5000	3.0000		2.6667	4.0000
		Minimum	2.000	5.00	300.00	1.00	5.00	3.00	2.00		2.00	4.00
		Maximum	5.000	400.00	320.00	5.00	15.00	10.00	5.00		3.00	4.00
	Improved	N										
		Mean										
		Minimum										
		Maximum										
	4	N										
		Mean										
		Minimum										
		Maximum										
	Total	N	7	7	2	6	6	6	3		3	1
		Mean	2.85714	130.7143	310.0000	3.3333	9.1667	6.5000	3.0000		2.6667	4.0000
		Minimum	2.000	5.00	300.00	1.00	5.00	3.00	2.00		2.00	4.00
		Maximum	5.000	400.00	320.00	5.00	15.00	10.00	5.00		3.00	4.00
Total	Local	N	34	34	15	33	19	21	7	6	24	4
		Mean	3.95588	150.5882	1428.0000	4.6364	7.1579	5.9048	2.1429	275.0000	2.1667	2.0000
		Minimum	.500	5.00	100.00	1.00	1.00	1.00	1.00	50.00	1.00	1.00
		Maximum	15.000	1400.00	5000.00	35.00	15.00	16.00	5.00	500.00	8.00	4.00
	Improved	N	2	2	2	2	2	2	1		2	
		Mean	4.00000	60.0000	4000.0000	2.0000	4.0000	4.0000	3.0000		3.5000	
		Minimum	3.000	40.00	4000.00	2.00	3.00	3.00	3.00		2.00	
		Maximum	5.000	80.00	4000.00	2.00	5.00	5.00	3.00		5.00	
	4	N										
		Mean										
		Minimum										
		Maximum										
	Total	N	36	36	17	35	21	23	8	6	26	4
		Mean	3.95833	145.5556	1730.5882	4.4857	6.8571	5.7391	2.2500	275.0000	2.2692	2.0000
		Minimum	.500	5.00	100.00	1.00	1.00	1.00	1.00	50.00	1.00	1.00
		Maximum	15.000	1400.00	5000.00	35.00	15.00	16.00	5.00	500.00	8.00	4.00

Case Summaries

Location of Land			N_B_Input_Output_Area_Rice1_After	N_B_Input_Output_Produc_Rice1_After	N_B_Input_Output_Manure_Rice1_After	N_B_Input_Output_Seed_Rice1_After	N_B_Input_Output_Urea_Rice1_After	N_B_Input_Output_DAP_Rice1_After	N_B_Input_Output_Potash_Rice1_After	N_B_Input_Output_PP_Rice1_After	N_B_Input_Output_Human_Rice1_After	N_B_Input_Output_Animal_Rice1_After
Head	Improved	N	1	1		1	1	1	1		1	
		Mean	8.0000	960.0000		10.0000	10.0000	10.0000	5.0000		10.0000	
		Minimum	8.00	960.00		10.00	10.00	10.00	5.00		10.00	
		Maximum	8.00	960.00		10.00	10.00	10.00	5.00		10.00	
	Total	N Mean	1	1		1	1	1	1		1	
		Minimum	8.0000	960.0000		10.0000	10.0000	10.0000	5.0000		10.0000	
		Maximum	8.00	960.00		10.00	10.00	10.00	5.00		10.00	
Middle	Local	N Mean	8.00	960.00		10.00	10.00	10.00	5.00		10.00	
		Minimum	112	111	24	111	108	109	70	77	111	5
		Maximum	15.9286	2518.9189	3071.2500	75.4730	41.2222	41.5688	18.3429	628.7662	10.9910	5.0000
	Improved	N Mean	3.00	400.00	20.00	4.00	4.00	3.00	1.00	60.00	1.00	1.00
		Minimum	60.00	10800.00	20000.00	400.00	150.00	150.00	60.00	2000.00	51.00	10.00
		Maximum	32	32	6	32	29	29	21	13	27	2
			15.9688	1948.7500	3566.6667	89.7500	28.6207	24.8966	9.3333	440.0000	17.7407	4.5000
			2.00	120.00	400.00	6.00	5.00	3.00	1.00	20.00	1.00	3.00
			40.00	4800.00	5000.00	1200.00	80.00	80.00	20.00	1000.00	60.00	6.00

	Total	N	144	143	30	143	137	138	91	90	138	
		Mean	15.9375	2391.3287	3170.3333	78.6678	38.5547	38.0652	16.2637	601.5000	12.3116	4.8571
		Minimum	2.00	120.00	20.00	4.00	4.00	3.00	1.00	20.00	1.00	1.00
		Maximum	60.00	10800.00	20000.00	1200.00	150.00	150.00	60.00	2000.00	60.00	10.00
Tail	Local	N	25	24	3	24	24	24	21	5	23	
		Mean	12.5200	1439.5833	4166.6667	47.2917	34.1250	28.7500	14.0000	320.0000	12.3043	
		Minimum	2.00	10.00	1000.00	10.00	8.00	5.00	2.00	200.00	2.00	
		Maximum	40.00	4000.00	7500.00	160.00	130.00	130.00	65.00	500.00	51.00	
	Improved	N	29	27		28	28	28	21	10	24	1
		Mean	10.9569	1248.8889		37.1071	23.7143	23.7143	7.2857	362.9000	8.2917	2.0000
		Minimum	.75	200.00		10.00	5.00	4.00	1.00	80.00	1.00	2.00
		Maximum	40.00	4000.00		80.00	65.00	65.00	25.00	1000.00	40.00	2.00
	Total	N	54	51	3	52	52	52	42	15	47	1
		Mean	11.6806	1338.6275	4166.6667	41.8077	28.5192	26.0385	10.6429	348.6000	10.2553	2.0000
		Minimum	.75	10.00	1000.00	10.00	5.00	4.00	1.00	80.00	1.00	2.00
		Maximum	40.00	4000.00	7500.00	160.00	130.00	130.00	65.00	1000.00	51.00	2.00
Total	Local	N	137	135	27	135	132	133	91	82	134	5
		Mean	15.3066	2327.0370	3192.9630	70.4630	39.9318	39.2556	17.3407	609.9390	11.2164	5.0000
		Minimum	2.00	10.00	20.00	4.00	4.00	3.00	1.00	60.00	1.00	1.00
		Maximum	60.00	10800.00	20000.00	400.00	150.00	150.00	65.00	2000.00	51.00	10.00
	Improved	N	62	60	6	61	58	58	43	23	52	3
		Mean	13.4960	1617.3333	3566.6667	64.2787	25.9310	24.0690	8.2326	406.4783	13.2308	3.6667
		Minimum	.75	120.00	400.00	6.00	5.00	3.00	1.00	20.00	1.00	2.00
		Maximum	40.00	4800.00	5000.00	1200.00	80.00	80.00	25.00	1000.00	60.00	6.00
	Total	N	199	195	33	196	190	191	134	105	186	8
		Mean	14.7425	2108.6667	3260.9091	68.5383	35.6579	34.6440	14.4179	565.3714	11.7796	4.5000
		Minimum	.75	10.00	20.00	4.00	4.00	3.00	1.00	20.00	1.00	1.00
		Maximum	60.00	10800.00	20000.00	1200.00	150.00	150.00	65.00	2000.00	60.00	10.00

Case Summaries

Location of Land			N_B_Input_Output_Area_Maize2_After	N_B_Input_Output_Produc_Maize2_After	N_B_Input_Output_Manure_Maize2_After	N_B_Input_Output_Seed_Maize2_After	N_B_Input_Output_Urea_Maize2_After	N_B_Input_Output_DAP_Maize2_After	N_B_Input_Output_Potash_Maize2_After	N_B_Input_Output_PP_Maize2_After	N_B_Input_Output_Human_Maize2_After	N_B_Input_Output_Tractor_Maize2_After
Head	Local	N	1	1	1	1					1	1
		Mean	10.0000	400.0000	8000.0000	10.0000					5.0000	2.0000
		Minimum	10.00	400.00	8000.00	10.00					5.00	2.00
		Maximum	10.00	400.00	8000.00	10.00					5.00	2.00
	Total	N Mean	1	1	1	1					1	1
		Minimum	10.0000	400.0000	8000.0000	10.0000					5.0000	2.0000
		Maximum	10.00	400.00	8000.00	10.00					5.00	2.00
Middle	Local	N Mean	10.00	400.00	8000.00	10.00					5.00	2.00
		Minimum	18	18	1	18	14	13	8	4	13	17
		Maximum	5.1528	458.6111	12000.0000	8.5278	9.7857	8.5769	4.5000	125.0000	2.1538	1.0882
	Improved	N Mean	.75	25.00	12000.00	1.00	1.00	.50	1.00	50.00	1.00	.50
		Minimum	11.00	1600.00	12000.00	50.00	20.00	25.00	9.00	200.00	10.00	2.00
		Maximum	7	7	1	7	5	5	3	4	6	7
	Total	N Mean	3.0000	325.7143	5000.0000	4.2857	18.6000	15.2000	2.6667	115.0000	1.8333	1.0000
		Minimum	1.00	160.00	5000.00	1.00	8.00	5.00	2.00	60.00	1.00	.50
		Maximum	5.00	600.00	5000.00	10.00	50.00	50.00	3.00	150.00	4.00	2.00
Tail	Local	N Mean	25	25	2	25	19	18	11	8	19	24
		Minimum	4.5500	421.4000	8500.0000	7.3400	12.1053	10.4167	4.0000	120.0000	2.0526	1.0625
		Maximum	.75	25.00	5000.00	1.00	1.00	.50	1.00	50.00	1.00	.50
	Improved	N	11.00	1600.00	12000.00	50.00	50.00	50.00	9.00	200.00	10.00	2.00
		Mean	10	10	5	9	7	7	2	3	7	9
			6.1000	742.5000	4500.0000	80.8889	22.2857	20.5714	21.0000	366.6667	6.4286	2502.1111
			1.00	25.00	750.00	1.00	2.00	4.00	2.00	200.00	1.00	.50
			28.00	5200.00	12000.00	260.00	75.00	80.00	40.00	500.00	20.00	15000.00
			4	4		4	4	4	3		4	4
			3.5000	310.0000		2.2500	5.7500	5.2500	3.3333		1.7500	1.0625

		Minimum	2.00	200.00		1.00	3.00	3.00	2.00		1.00	.75
		Maximum	5.00	480.00		3.00	10.00	10.00	5.00		3.00	1.50
	Total	N	14	14	5	13	11	11	5	3	11	13
		Mean	5.3571	618.9286	4500.0000	56.6923	16.2727	15.0000	10.4000	366.6667	4.7273	1732.5577
		Minimum	1.00	25.00	750.00	1.00	2.00	3.00	2.00	200.00	1.00	.50
		Maximum	28.00	5200.00	12000.00	260.00	75.00	80.00	40.00	500.00	20.00	15000.00
Total	Local	N	29	29	7	28	21	20	10	7	21	27
		Mean	5.6466	554.4828	6071.4286	31.8393	13.9524	12.7750	7.8000	228.5714	3.7143	834.7963
		Minimum	.75	25.00	750.00	1.00	1.00	.50	1.00	50.00	1.00	.50
		Maximum	28.00	5200.00	12000.00	260.00	75.00	80.00	40.00	500.00	20.00	15000.00
	Improved	N	11	11	1	11	9	9	6	4	10	11
		Mean	3.1818	320.0000	5000.0000	3.5455	12.8889	10.7778	3.0000	115.0000	1.8000	1.0227
		Minimum	1.00	160.00	5000.00	1.00	3.00	3.00	2.00	60.00	1.00	.50
		Maximum	5.00	600.00	5000.00	10.00	50.00	50.00	5.00	150.00	4.00	2.00
	Total	N	40	40	8	39	30	29	16	11	31	38
		Mean	4.9688	490.0000	5937.5000	23.8590	13.6333	12.1552	6.0000	187.2727	3.0968	593.4408
		Minimum	.75	25.00	750.00	1.00	1.00	.50	1.00	50.00	1.00	.50
		Maximum	28.00	5200.00	12000.00	260.00	75.00	80.00	40.00	500.00	20.00	15000.00

Case Summaries

Location of Land			N_B_Input_Output_Area_Potato1_After	N_B_Input_Output_Produc_Potato1_After	N_B_Input_Output_Manure_Potato1_After	N_B_Input_Output_Seed_Potato1_After	N_B_Input_Output_Urea_Potato1_After	N_B_Input_Output_DAP_Potato1_After	N_B_Input_Output_Potash_Potato1_After	N_B_Input_Output_PP_Potato1_After	N_B_Input_Output_Human_Potato1_After	N_B_Input_Output_Tractor_Potato1_After
Middle	Improved	N	1	1		1	1	1	1	1		1
		Mean	1.00000	160.0000		25.0000	10.0000	5.0000	5.0000	200.0000		1.0000
		Minimum	1.000	160.00		25.00	10.00	5.00	5.00	200.00		1.00
		Maximum	1.000	160.00		25.00	10.00	5.00	5.00	200.00		1.00
	Total	N Mean	1	1		1	1	1	1	1		1
		Minimum	1.00000	160.0000		25.0000	10.0000	5.0000	5.0000	200.0000		1.0000
		Maximum	1.000	160.00		25.00	10.00	5.00	5.00	200.00		1.00
Tail	Local	N Mean	1.000	160.00		25.00	10.00	5.00	5.00	200.00		1.00
		Minimum	2	2	1	2	2	2	1		2	2
		Maximum	1.50000	180.0000	750.0000	15.5000	9.0000	10.0000	3.0000		4.0000	750.2500
	Total	N Mean	1.000	120.00	750.00	1.00	8.00	5.00	3.00		4.00	.50
		Minimum	2.000	240.00	750.00	30.00	10.00	15.00	3.00		4.00	1500.00
		Maximum	2	2	1	2	2	2	1		2	2
Total	Local	N Mean	1.50000	180.0000	750.0000	15.5000	9.0000	10.0000	3.0000		4.0000	750.2500
		Minimum	1.000	120.00	750.00	1.00	8.00	5.00	3.00		4.00	.50
		Maximum	2.000	240.00	750.00	30.00	10.00	15.00	3.00		4.00	1500.00
	Improved	N Mean	2	2	1	2	2	2	1		2	2
		Minimum	1.50000	180.0000	750.0000	15.5000	9.0000	10.0000	3.0000		4.0000	750.2500
		Maximum	1.000	120.00	750.00	1.00	8.00	5.00	3.00		4.00	.50
	Total	N Mean	2.000	240.00	750.00	30.00	10.00	15.00	3.00		4.00	1500.00
		Minimum	1	1		1	1	1	1	1		1
		Maximum	1.00000	160.0000		25.0000	10.0000	5.0000	5.0000	200.0000		1.0000
			1.000	160.00		25.00	10.00	5.00	5.00	200.00		1.00
			1.000	160.00		25.00	10.00	5.00	5.00	200.00		1.00
			3	3	1	3	3	3	2	1	2	3
			1.33333	173.3333	750.0000	18.6667	9.3333	8.3333	4.0000	200.0000	4.0000	500.5000
			1.000	120.00	750.00	1.00	8.00	5.00	3.00	200.00	4.00	.50
			2.000	240.00	750.00	30.00	10.00	15.00	5.00	200.00	4.00	1500.00

Case Summaries

Location of Land			N_B_Input_Output_Area_Vegetable3_After	N_B_Input_Output_Produc_Vegetable3_After	N_B_Input_Output_Manure_Vegetable3_After	N_B_Input_Output_Seed_Vegetable3_After	N_B_Input_Output_Urea_Vegetable3_After	N_B_Input_Output_DAP_Vegetable3_After	N_B_Input_Output_Potash_Vegetable3_After	N_B_Input_Output_PP_Vegetable3_After	N_B_Input_Output_Human_Vegetable3_After	N_B_Input_Output_Tractor_Vegetable3_After
Middle	Local	N	9	9	1	6	9	9	8	6	6	7
		Mean	2.88889	367.7778	2500.0000	22.4167	10.8889	9.4444	3.7500	246.8333	3.3333	.7857
		Minimum	1.000	65.00	2500.00	.10	3.00	3.00	1.00	1.00	1.00	.50

		Maximum	8.000	1600.00	2500.00	130.00	20.00	20.00	5.00	500.00	5.00	1.00
	Total	N	9	9	1	6	9	9	8	6	6	7
		Mean	2.88889	367.7778	2500.0000	22.4167	10.8889	9.4444	3.7500	246.8333	3.3333	.7857
		Minimum	1.000	65.00	2500.00	.10	3.00	3.00	1.00	1.00	1.00	.50
		Maximum	8.000	1600.00	2500.00	130.00	20.00	20.00	5.00	500.00	5.00	1.00
Tail	Local	N	2	2		1	1	1		2		
		Mean	3.00000	1022.5000		.1000	50.0000	50.0000		2.0000		
		Minimum	1.000	45.00		.10	50.00	50.00		2.00		
		Maximum	5.000	2000.00		.10	50.00	50.00		2.00		
	Total	N	2	2		1	1	1		2		
		Mean	3.00000	1022.5000		.1000	50.0000	50.0000		2.0000		
		Minimum	1.000	45.00		.10	50.00	50.00		2.00		
		Maximum	5.000	2000.00		.10	50.00	50.00		2.00		
Total	Local	N	11	11	1	7	10	10	8	8	6	7
		Mean	2.90909	486.8182	2500.0000	19.2286	14.8000	13.5000	3.7500	185.6250	3.3333	.7857
		Minimum	1.000	45.00	2500.00	.10	3.00	3.00	1.00	1.00	1.00	.50
		Maximum	8.000	2000.00	2500.00	130.00	50.00	50.00	5.00	500.00	5.00	1.00
	Total	N	11	11	1	7	10	10	8	8	6	7
		Mean	2.90909	486.8182	2500.0000	19.2286	14.8000	13.5000	3.7500	185.6250	3.3333	.7857
		Minimum	1.000	45.00	2500.00	.10	3.00	3.00	1.00	1.00	1.00	.50
		Maximum	8.000	2000.00	2500.00	130.00	50.00	50.00	5.00	500.00	5.00	1.00

B22_1_R_Out_Unirri_Before	B22_1_R_Out_Irri_After	B22_1_R_Out_Unirri_After	B22_1_R_Out_Irri_Before_Com_Area	B22_1_R_Out_Unirri_Before_Com_Area	B22_1_R_Out_Irri_After_Com_Area	B22_1_R_Out_Unirri_After_Com_Area
	8		8		8	
	16.50000		16.50000		16.50000	
	5.000		5.000		5.000	
	40.000		40.000		40.000	
3	22	3	23	2	23	2
10.0000	20.00000	10.0000	20.00000	60.0000	20.00000	60.0000
3.00	2.000	3.00	2.000	10.00	2.000	10.00
110.00	40.000	110.00	40.000	110.00	40.000	110.00
2	8	2	7	1	7	1
5.5000	17.50000	5.5000	15.00000	1.0000	15.00000	1.0000

1.00	8.000	1.00	8.000	1.00	8.000	1.00
10.00	20.000	10.00	20.000	1.00	20.000	1.00
5	38	5	38	3	38	3
10.0000	20.00000	10.0000	20.00000	10.0000	20.00000	10.0000
1.00	2.000	1.00	2.000	1.00	2.000	1.00
110.00	40.000	110.00	40.000	110.00	40.000	110.00

F31_Before_2_Agri_Farm_Pro_Source_4Person	F31_Before_2_Agri_Farm_Pro_Source_5Group	F31_Before_3_Agri_Machine_Period	F31_Before_3_Agri_Machine_Loan_Amt	F31_Before_3_Agri_Machine_Pro_Source_3Coop	F31_Before_3_Agri_Machine_Pro_Source_4Person	F31_Before_3_Agri_Machine_Pro_Source_5Group	F31_Before_4_Other_Period	F31_Before_4_Other_Loan_Amt	F31_Before_4_Other_Pro_Source_1Bank	F31_Before_4_Other_Pro_Source_2M_Fin	F31_Before_4_Other_Pro_Source_3Coop	F31_Before_4_Other_Pro_Source_4Person
							4	4	1		1	3
							12.00	275000.0000	1.0000		2.0000	1.0000
							6	50000.00	1.00		2.00	1.00
							12	500000.00	1.00		2.00	1.00
15	8	1	1	1			35	35	13	2	10	10
1.0000	1.0000	36.00	100000.0000	3.0000			12.00	100000.0000	1.0000	1.0000	1.0000	1.0000
1.00	1.00	36	100000.00	3.00			6	10000.00	1.00	1.00	1.00	1.00
1.00	1.00	36	100000.00	3.00			120	2000000.00	1.00	1.00	3.00	4.00
6	4	2	2	1	1	2	36	36	4	3	12	15
1.0000	1.0000	18.00	350000.0000	1.0000	1.0000	1.0000	12.00	100000.0000	1.0000	1.0000	1.0000	1.0000
1.00	1.00	12	200000.00	1.00	1.00	1.00	1 Year	2.00	1.00	1.00	1.00	1.00
1.00	1.00	24	500000.00	1.00	1.00	1.00	60	1400000.00	1.00	1.00	1.00	1.00
21	12	3	3	2	1	2	75	75	18	5	23	28
1.0000	1.0000	24.00	200000.0000	2.0000	1.0000	1.0000	12.00	100000.0000	1.0000	1.0000	1.0000	1.0000
1.00	1.00	12	100000.00	1.00	1.00	1.00	1 Year	2.00	1.00	1.00	1.00	1.00
1.00	1.00	36	500000.00	3.00	1.00	1.00	120	2000000.00	1.00	1.00	3.00	4.00

Case Summaries

G33_Cash_Exp_Ani_Lab_Nrs_After	G33_Cash_Exp_Hum_Lab_Nrs_Before	G33_Cash_Exp_Hum_Lab_Nrs_After	G33_Cash_Exp_Trans_Cost_Nrs_Before	G33_Cash_Exp_Trans_Cost_Nrs_After	G33_Cash_Exp_Post_Harv_Nrs_Before	G33_Cash_Exp_Post_Harv_Nrs_After	G33_Cash_Exp_Live_Purch_Nrs_Before	G33_Cash_Exp_Live_Purch_Nrs_After	G33_Cash_Exp_Agri_Tool_Nrs_Before	G33_Cash_Exp_Agri_Tool_Nrs_After	G33_Cash_Exp_House_Land_Nrs_Before	G33_Cash_Exp_House_Land_Nrs_After
68	88	140	18	29	5	9	3	31	136	46	3	2
10000.0000	5000.0000	10000.0000	6500.0000	20000.0000	9900.0000	14000.0000	5000.0000	6000.0000	1000.0000	500.0000	1800000.0000	950000.0000

2000.00	600.00	800.00	500.00	500.00	1000.00	1500.00	2000.00	2000.00	100.00	100.00	3000.00	100000.00
40000.00	150000.00	150000.00	550000.00	350000.00	15000.00	30000.00	50000.00	60000.00	60000.00	60000.00	2000000.00	1800000.00
482	513	591	116	158	65	103	150	264	308	312	169	137
5000.0000	2000.0000	3600.0000	600.0000	1000.0000	200.0000	500.0000	5000.0000	5250.0000	1000.0000	1000.0000	100000.0000	20000.0000
50.00	100.00	100.00	100.00	100.00	50.00	60.00	200.00	200.00	50.00	50.00	1000.00	400.00
45000.00	60000.00	45000.00	10000.00	20000.00	5000.00	5000.00	50000.00	70000.00	10000.00	900000.00	15000000.00	6000000.00
37	135	137	7	8	3	3	9	17	16	20	14	8
7000.0000	4000.0000	5000.0000	800.0000	1000.0000	500.0000	500.0000	10000.0000	12000.0000	1000.0000	800.0000	140000.0000	100000.0000
1200.00	2.00	2.00	500.00	500.00	500.00	500.00	5000.00	2000.00	200.00	100.00	20000.00	20000.00
24000.00	45000.00	25000.00	4000.00	2500000.00	500.00	600.00	1000000.00	90000.00	500000.00	100000.00	1500000.00	500000.00
587	736	868	141	195	73	115	162	312	460	378	186	147
5000.0000	3000.0000	5000.0000	700.0000	1200.0000	200.0000	500.0000	5000.0000	6000.0000	1000.0000	800.0000	100000.0000	20000.0000
50.00	2.00	2.00	100.00	100.00	50.00	60.00	200.00	200.00	50.00	50.00	1000.00	400.00
45000.00	150000.00	150000.00	550000.00	2500000.00	15000.00	30000.00	1000000.00	90000.00	500000.00	900000.00	15000000.00	6000000.00

I34_2_Fem_Parti_Manure_Fem_Higher_After	I34_2_Fem_Parti_Manure_Fem_Lower_Before	I34_2_Fem_Parti_Manure_Fem_Lower_After	I34_2_Fem_Parti_Manure_Fem_Nil_Before	I34_2_Fem_Parti_Manure_Fem_Nil_After	I34_3_Fem_Parti_Trans_Seed_100_Fem_Before	I34_3_Fem_Parti_Trans_Seed_100_Fem_After	I34_3_Fem_Parti_Trans_Seed_Fem_Higher_Before	I34_3_Fem_Parti_Trans_Seed_Fem_Higher_After	I34_3_Fem_Parti_Trans_Seed_Fem_Lower_Before	I34_3_Fem_Parti_Trans_Seed_Fem_Lower_After	I34_3_Fem_Parti_Trans_Seed_Fem_Nil_Before	I34_3_Fem_Parti_Trans_Seed_Fem_Nil_After
26	3	3	4	4	173	173	17	17	3	3	2	2
1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
139	209	208	198	197	54	54	287	288	71	72	69	68
1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
6	23	23	21	21	27	27	12	12	13	13	11	11
1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00	1.00	100.00	100.00	1.00	1.00	1.00	1.00	1.00	1.00
171	235	234	223	222	254	254	316	317	87	88	82	81
1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00	1.00	100.00	100.00	1.00	1.00	1.00	1.00	1.00	1.00

J35_8_Yes_IPM_Parti_Male_Nos	J35_10_Yes_Other_Parti_Female_Nos	J35_10_Yes_Other_Parti_Male_Nos
1		
1.0000		
1.00		
1.00		
	4	4
	6.2500	5.2500
	1.00	1.00
	22.00	18.00
	3	3
	22.0000	17.3333
	14.00	14.00
	30.00	20.00
1	7	7
1.0000	13.0000	10.4286
1.00	1.00	1.00
1.00	30.00	20.00

Location of Land * J35_If_Need_Training1 Crosstabulation

	J35_If_Need_Training1												
	doll maki	driving	electrici	fish farm	health	icm	ipm	irri	IRRI	knitting	live	lives	livestock
0	0	0	0	1	1	0	0	1	0	0	0	0	0
1	0	1	0	0	1	4	5	4	3	17	3	3	
0	3	0	0	0	0	0	0	0	0	2	1	0	
1	3	1	1	1	1	4	6	4	3	19	4	3	

N_A_Input_Output_Tractor_Rice_Before	N_A_Input_Output_Harvest_Rice_Before	N_A_Input_Output_Thressor_Rice_Before
121	2	115
4.24	.75	2.27
1	1	1
20	1	45
12		10
6.92		1.55
1		1
24		3
133	2	125
4.48	.75	2.21
1	1	1
24	1	45
550	6	552
4.16	6.75	2.44
	1	
50	30	50
13	1	11
3.50	.50	1.45
1	1	1
15	1	7
563	7	563
4.15	5.86	2.42
	1	
50	30	50
166		164
5829.29		5.87
1		1
30000		200
166		164
5829.29		5.87
1		1
30000		200
837	8	831
1159.46	5.25	3.09
	1	
30000	30	200
25	1	21
5.14	.50	1.50
1	1	1
24	1	7

862	9	852
1125.98	4.72	3.05
	1	
30000	30	200

N_A_Input_Output_Tractor_Maize_Before
3
1.0000
.50
2.00
3
1.0000
.50
2.00
2
2250.0000
2000.00
2500.00
2
2250.0000
2000.00
2500.00
5
900.6000
.50
2500.00
5
900.6000
.50
2500.00

N_A_Input_Output_Tractor_Vegetable_Before
3
.8333
.50
1.00
3
.8333
.50
1.00
3
.8333
.50
1.00
3
.8333
.50
1.00

N_A_Input_Output_Tractor_Maize1_Before	N_A_Input_Output_Harvest_Maize1_Before	N_A_Input_Output_Thressor_Maize1_Before

78		3
2.3787		1.1667
.04		.50
15.00		2.00
9		
6.4444		
1.00		
20.00		
87		3
2.7993		1.1667
.04		.50
20.00		2.00
109		8
11.8349		4.4375
.50		1.00
1000.00		20.00
10	1	
1.6500	2.0000	
1.00	2.00	
3.00	2.00	
6		
1.1667		
.50		
2.00		
125	1	8
10.5080	2.0000	4.4375
.50	2.00	1.00
1000.00	2.00	20.00
59		1
1822.4576		2.0000
.50		2.00
10000.00		2.00
9		
1556.6667		
.50		
6000.00		
2		
1.5000		
1.00		
2.00		
70		1
1736.2571		2.0000
.50		2.00
10000.00		2.00
246		12
443.0916		3.4167
.04		.50
10000.00		20.00
28	1	
503.0179	2.0000	
.50	2.00	
6000.00	2.00	
8		
1.2500		
.50		
2.00		
282	1	12
436.5072	2.0000	3.4167
.04	2.00	.50

10000.00	2.00	20.00

N_A_Input_Output_Tractor_Wheat_Before	N_A_Input_Output_Thressor_Wheat_Before
10	10
5.6500	3.1000
.50	.50
40.00	25.00
10	10
5.6500	3.1000
.50	.50
40.00	25.00
20	15
1.8250	.8667
.50	.50
8.00	3.00
1	1
4.0000	1.0000
4.00	1.00
4.00	1.00
21	16
1.9286	.8750
.50	.50
8.00	3.00
4	5
751.1250	1.0000
.50	.50
3000.00	2.00
4	5
751.1250	1.0000
.50	.50
3000.00	2.00
34	30
91.1029	1.6333
.50	.50
3000.00	25.00
1	1
4.0000	1.0000
4.00	1.00
4.00	1.00
35	31
88.6143	1.6129
.50	.50
3000.00	25.00

N_A_Input_Output_Tractor_Potato_Before	N_A_Input_Output_Harvest_Potato_Before	N_A_Input_Output_Thressor_Potato_Before
1		
.5000		
.50		
.50		

1		
.2000		
.20		
.20		
2		
.3500		
.20		
.50		
124	1	2
1.5060	1.0000	.5000
.25	1.00	.50
30.00	1.00	.50
8		
.7075		
.16		
1.00		
132	1	2
1.4577	1.0000	.5000
.16	1.00	.50
30.00	1.00	.50
44		
1141.0455		
.50		
15000.00		
6		
10.4433		
.16		
30.00		
50		
1005.3732		
.16		
15000.00		
169	1	2
298.1849	1.0000	.5000
.25	1.00	.50
15000.00	1.00	.50
15		
4.5680		
.16		
30.00		
184	1	2
274.2488	1.0000	.5000
.16	1.00	.50
15000.00	1.00	.50

N_A_Input_Output_Tractor_Vegtable1_Before	N_A_Input_Output_Harvestr_Vegtable1_Before
13	1
1.9808	3.0000
.25	3.00
15.00	3.00
13	1
1.9808	3.0000
.25	3.00
15.00	3.00
16	

1752.5313	
.50	
10000.00	
16	
1752.5313	
.50	
10000.00	
29	1
967.8017	3.0000
.25	3.00
10000.00	3.00
29	1
967.8017	3.0000
.25	3.00
10000.00	3.00

N_A_Input_Output_Tractor_Oilseed_Before	N_A_Input_Output_Thressor_Oilseed_Before
1	
.5000	
.50	
.50	
1	
.5000	
.50	
.50	
33	16
2.0303	6.5000
.50	1.00
6.00	30.00
33	16
2.0303	6.5000
.50	1.00
6.00	30.00
27	
1481.6296	

.50	
4000.00	
27	
1481.6296	
.50	
4000.00	
61	16
656.9098	6.5000
.50	1.00
4000.00	30.00
61	16
656.9098	6.5000
.50	1.00
4000.00	30.00

N_A_Input_Output_Tractor_Rice1_Before	N_A_Input_Output_Harvest_Rice1_Before	N_A_Input_Output_Thressor_Rice1_Before
		1
		1.0000
		1.00
		1.00
1		1
4.0000		2.0000
4.00		2.00
4.00		2.00
1		2
4.0000		1.5000
4.00		1.00
4.00		2.00
79	3	78
5.1456	2.3333	1.5577
1.00	2.00	.50
24.00	3.00	4.00
17		15
8.8235		1.9000
.50		.50
102.00		4.00
96	3	93
5.7969	2.3333	1.6129
.50	2.00	.50
102.00	3.00	4.00
20		15
902.7250		1.5667
1.00		.50
6000.00		4.00
14		12
147.7679		3.0708
.75		.35
2000.00		15.00
34		27
591.8603		2.2352
.75		.35
6000.00		15.00
99	3	94
186.4747	2.3333	1.5532
1.00	2.00	.50
6000.00	3.00	4.00

32		28
69.4609		2.4054
.50		.35
2000.00		15.00
131	3	122
157.8912	2.3333	1.7488
.50	2.00	.35
6000.00	3.00	15.00

N_A_Input_Output_Tractor_Maize2_Before	N_A_Input_Output_Harvest_Maize2_Before	N_A_Input_Output_Thressor_Maize2_Before
12		1
1.2917		1.0000
.50		1.00
5.00		1.00
2	1	
.7500	1.0000	
.50	1.00	
1.00	1.00	
14	1	1
1.2143	1.0000	1.0000
.50	1.00	1.00
5.00	1.00	1.00
1		1
13.0000		2.0000
13.00		2.00
13.00		2.00
1		
1.0000		
1.00		
1.00		
2		1
7.0000		2.0000
1.00		2.00
13.00		2.00
13		2
2.1923		1.5000
.50		1.00
13.00		2.00
3	1	
.8333	1.0000	
.50	1.00	
1.00	1.00	
16	1	2
1.9375	1.0000	1.5000
.50	1.00	1.00
13.00	1.00	2.00

N_A_Input_Output_Tractor_Vegetable3_Before	N_A_Input_Output_Harvest_Vegetable3_Before	N_A_Input_Output_Thressor_Vegetable3_Before
88	2	88
4.5341	1.0000	11.4602
1.00	1.00	1.00
50.00	1.00	50.00
88	2	88
4.5341	1.0000	11.4602
1.00	1.00	1.00
50.00	1.00	50.00
9		
1555.5556		
1000.00		
2000.00		
9		
1555.5556		
1000.00		
2000.00		
97	2	88
148.4433	1.0000	11.4602
1.00	1.00	1.00
2000.00	1.00	50.00
97	2	88
148.4433	1.0000	11.4602
1.00	1.00	1.00
2000.00	1.00	50.00

N_B_Input_Output_Tractor_Rice_After	N_B_Input_Output_Harvest_Rice_After	N_B_Input_Output_Thressor_Rice_After
50		49
3.1260		2.7041
.50		.50
10.00		45.00
148		145

5.7297		1.6586
.50		.50
20.00		30.00
198		194
5.0722		1.9227
.50		.50
20.00		45.00
558	4	563
7.3396	2.3750	1.4181
.16	.50	.16
2000.00	6.00	50.00
15		15
3.9000		1.5000
.50		.50
15.00		7.00
573	4	578
7.2496	2.3750	1.4203
.16	.50	.16
2000.00	6.00	50.00
168	1	163
5885.0580	2000.0000	9.9089
.50	2000.00	.50
36000.00	2000.00	1000.00
2		2
7.5000		2.0000
7.00		1.00
8.00		3.00
170	1	165
5815.9103	2000.0000	9.8130
.50	2000.00	.50
36000.00	2000.00	1000.00
776	5	775
1279.5639	401.9000	3.2852
.16	.50	.16
36000.00	2000.00	1000.00
165		162
5.5848		1.6481
.50		.50
20.00		30.00
941	5	937
1056.1775	401.9000	3.0022
.16	.50	.16
36000.00	2000.00	1000.00

N_B_Input_Output_Tractor_Vegetable_After
16
14.3438
.50
40.00
16
14.3438
.50
40.00
1
1.0000
1.00
1.00
1
1.0000
1.00
1.00
16
14.3438
.50
40.00
1
1.0000
1.00
1.00
17
13.5588
.50
40.00

N_B_Input_Output_Tractor_Maize1_After	N_B_Input_Output_Harvest_Maize1_After	N_B_Input_Output_Thressor_Maize1_After
28	1	
2.1964	.5000	
.50	.50	
15.00	.50	
109		2
2.5734		2.5000
.50		2.00
15.00		3.00
137	1	2
2.4964	.5000	2.5000
.50	.50	2.00
15.00	.50	3.00

102		
13.1275		
.50		
1200.00		
11		
1.4545		
.50		
3.00		
28		
2.4107		
.50		
22.00		
141		11
10.0887		1.7273
.50		.50
1200.00		3.00
51		
1902.4314		
.50		
10000.00		
9		
1282.0556		
.50		
8000.00		
2		
1.2500		
.50		
2.00		
62		
1751.0484		
.50		
10000.00		
181	1	10
543.7818	.5000	1.7000
.50	.50	.50
10000.00	.50	3.00
129		2
91.7442		2.5000
.50		2.00
8000.00		3.00
30		1
2.3333		2.0000
.50		2.00
22.00		2.00
340	1	13
324.4985	.5000	1.8462
.50	.50	.50
10000.00	.50	3.00

N_B_Input_Output_Tractor_Wheat_After	N_B_Input_Output_Thressor_Wheat_After
10	9
5.6500	3.3333
.50	.50
40.00	25.00
1	1
1.0000	.5000
1.00	.50
1.00	.50
11	10
5.2273	3.0500
.50	.50
40.00	25.00
35	15
1.3714	.9333
.50	.50
5.00	3.00
2	2
5.0000	1.5000
4.00	1.00
6.00	2.00
37	17
1.5676	1.0000
.50	.50
6.00	3.00
38	4
873.9342	1.2500
.50	.50
2000.00	2.00
38	4
873.9342	1.2500
.50	.50
2000.00	2.00
83	28
401.3735	1.7500
.50	.50
2000.00	25.00
3	3
3.6667	1.1667
1.00	.50
6.00	2.00
86	31
387.5000	1.6935
.50	.50
2000.00	25.00

N_B_Input_Output_Tractor_Potato_After	N_B_Input_Output_Harvest_Potato_After	N_B_Input_Output_Thressor_Potato_After
1		
.5000		
.50		
.50		
4		
.6250		
.50		

1.00		
5		
.6000		
.50		
1.00		
134	1	4
1.2612	1.0000	.8750
.50	1.00	.50
22.00	1.00	2.00
10		
2.3850		
.35		
16.00		
144	1	4
1.3392	1.0000	.8750
.35	1.00	.50
22.00	1.00	2.00
19		
1005.7279		
.50		
6000.00		
8		
4.4063		
.25		
30.00		
27		
709.0400		
.25		
6000.00		
154	1	4
125.1840	1.0000	.8750
.50	1.00	.50
6000.00	1.00	2.00
22		
2.8000		
.25		
30.00		
176	1	4
109.8860	1.0000	.8750
.25	1.00	.50
6000.00	1.00	2.00

N_B_Input_Output_harvest_Vegtable1_After	N_A_Input_Output_Thressor_Vegtable1_After
22	1
7.4318	30.0000
.50	30.00
40.00	30.00
22	1

7.4318	30.0000
.50	30.00
40.00	30.00
13	
1638.5769	
.50	
5000.00	
13	
1638.5769	
.50	
5000.00	
35	1
613.2857	30.0000
.50	30.00
5000.00	30.00
35	1
613.2857	30.0000
.50	30.00
5000.00	30.00

N_B_Input_Output_Thressor_Lentil_After
2
.6250
.25
1.00
2
.6250
.25
1.00
2
.6250
.25
1.00
2
.6250
.25
1.00

N_B_Input_Output_Tractor_Oilseed_After	N_B_Input_Output_Harvest_Oilseed_After	N_B_Input_Output_Thressor_Oilseed_After
1		
1.0000		
1.00		
1.00		
2		
1.5000		
1.00		
2.00		
3		
1.3333		
1.00		
2.00		
23		1
1.2174		.5000

.50		.50
3.00		.50
23		1
1.2174		.5000
.50		.50
3.00		.50
6	1	
1250.2500	25000.0000	
.50	25000.00	
3000.00	25000.00	
		1
		1.0000
		1.00
		1.00
		1
		1.0000
		1.00
		1.00
6	1	2
1250.2500	25000.0000	1.0000
.50	25000.00	1.00
3000.00	25000.00	1.00
30	1	1
251.0167	25000.0000	.5000
.50	25000.00	.50
3000.00	25000.00	.50
2		1
1.5000		1.0000
1.00		1.00
2.00		1.00
		1
		1.0000
		1.00
		1.00
32	1	3
235.4219	25000.0000	.8333
.50	25000.00	.50
3000.00	25000.00	1.00

N_B_Input_Output_Tractor_Rice1_After	N_B_Input_Output_Harvest_Rice1_After	N_B_Input_Output_Thressor_Rice1_After
1		1
2.0000		1.0000
2.00		1.00
2.00		1.00
1		1
2.0000		1.0000
2.00		1.00
2.00		1.00
105		106
4.9429		1.4387
.50		.50
24.00		6.00
30	1	27
4.6333	1.5000	3.0296
.50	1.50	.50
30.00	1.50	30.00

135	1	133
4.8741	1.5000	1.7617
.50	1.50	.50
30.00	1.50	30.00
23		23
6710.0652		1.5217
1.00		.50
60000.00		4.00
27		24
3667.8241		1.7292
.50		.50
12000.00		4.00
50		47
5067.2550		1.6277
.50		.50
60000.00		4.00
128		129
1209.7695		1.4535
.50		.50
60000.00		6.00
58	1	52
1709.8664	1.5000	2.3904
.50	1.50	.50
12000.00	1.50	30.00
186	1	181
1365.7137	1.5000	1.7227
.50	1.50	.50
60000.00	1.50	30.00

N_B_Input_Output_Thressor_Maize2_After
1
1.0000
1.00
1.00
1
.5000
.50
.50
2
.7500
.50
1.00
2
1.5000
1.00
2.00

2
1.5000
1.00
2.00
3
1.3333
1.00
2.00
1
.5000
.50
.50
4
1.1250
.50
2.00

Case Summaries

F31_Before_4_Other_Pro_Source_5Group	F31_Before_4_Other_Pro_Source_6Other	F31_1_Creadit_After	F31_After_1_Irri_Dev_Period	F31_After_1_Irri_Dev_Loan_Amt	F31_After_1_Irri_Dev_Pro_Source_1Bank	F31_After_1_Irri_Dev_Pro_Source_2M_Fin	F31_After_1_Irri_Dev_Pro_Source_3Coop	F31_After_1_Irri_Dev_Pro_Source_4Person	F31_After_1_Irri_Dev_Pro_Source_5Group	F31_After_2_Agri_Farm_Period	F31_After_2_Agri_Farm_Loan_Amt	F31_After_2_Agri_Farm_Pro_Source_1Bank
		81	9	9	3	1	3	1	1	3	3	
		1.00	12.00	200000.0000	1.00	1.00	1.00	1.0000	1.0000	12.00	30000.0000	
		Yes	1 Year	4000.00	1 Year	1 Year	1 Year	1.00	1.00	12	20000.00	
		No	60	300000.00	1 Year	1 Year	1 Year	1.00	1.00	24	40000.00	
5		241	13	12	1		2	7	1	83	83	5
1.0000		1.00	12.00	50000.0000	1.00		3.00	1.0000	5.0000	12.00	50000.0000	1.0000
1.00		Yes	1 Year	20000.00	1 Year		3 Month	1.00	5.00	6 Month	12.00	1.00
5.00		No	24	500000.00	1 Year		3 Month	1.00	5.00	60	600000.00	20000.00
7	1	62								16	16	
1.0000	1.0000	1.00								12.00	40000.0000	
1.00	1.00	Yes								6	2000.00	
1.00	1.00	No								24	200000.00	
12	1	384	22	21	4	1	5	8	2	102	102	5
1.0000	1.0000	1.00	12.00	50000.0000	1.00	1.00	1.00	1.0000	3.0000	12.00	45000.0000	1.0000
1.00	1.00	Yes	1 Year	4000.00	1 Year	1 Year	1 Year	1.00	1.00	6 Month	12.00	1.00
5.00	1.00	No	60	500000.00	1 Year	1 Year	3 Month	1.00	5.00	60	600000.00	20000.00

G33_Cash_Exp_Purch_Food_Nrs_Before	G33_Cash_Exp_Purch_Food_Nrs_After	G33_Cash_Exp_Sol_Rel_Nrs_Before	G33_Cash_Exp_Sol_Rel_Nrs_After	G33_Cash_Exp_Edu_Nrs_Before	G33_Cash_Exp_Edu_Nrs_After	G33_Cash_Exp_Health_Nrs_Before	G33_Cash_Exp_Health_Nrs_After	G33_Cash_Exp_Cloth_Nrs_Before	G33_Cash_Exp_Cloth_Nrs_After	G33_Cash_Exp_Loan_Repay_Nrs_Before	G33_Cash_Exp_Loan_Repay_Nrs_After	G33_Cash_Exp_Dom_Exp_Nrs_Before
14	19	42	61	147	156	181	195	189	190	11	13	97
13500.0000	20000.0000	15000.0000	10000.0000	30000.0000	40000.0000	15000.0000	25000.0000	10000.0000	20000.0000	10000.0000	10000.0000	30000.0000

7000.00	5000.00	1000.00	500.00	1000.00	1100.00	500.00	1000.00	1000.00	1000.00	6000.00	2500.00	4000.00
30000.00	40000.00	150000.00	350000.00	600000.00	2500000.00	1500000.00	1000000.00	350000.00	550000.00	50000.00	500000.00	1500000.00
101	142	567	629	470	554	595	678	591	664	68	157	578
10000.0000	15000.0000	2000.0000	3000.0000	20000.0000	30000.0000	10000.0000	15000.0000	10000.0000	15000.0000	15000.0000	20000.0000	10000.0000
200.00	1500.00	200.00	200.00	100.00	200.00	200.00	500.00	700.00	400.00	100.00	500.00	100.00
100000.00	1500000.00	100000.00	150000.00	200000.00	3500000.00	1000000.00	300000.00	80000.00	250000.00	600000.00	3200000.00	55000.00
14	16	159	162	114	133	170	172	165	165	3	13	149
8000.0000	9000.0000	2000.0000	2500.0000	10000.0000	15000.0000	10000.0000	12000.0000	6000.0000	8000.0000	30000.0000	30000.0000	20000.0000
4000.00	4500.00	100.00	500.00	500.00	1000.00	1000.00	2000.00	2000.00	1500.00	10000.00	5000.00	1000.00
15000.00	150000.00	50000.00	60000.00	500000.00	800000.00	300000.00	500000.00	400000.00	500000.00	100000.00	500000.00	500000.00
129	177	768	852	731	843	946	1045	945	1019	82	183	824
10000.0000	15000.0000	2000.0000	3000.0000	20000.0000	30000.0000	10000.0000	18000.0000	10000.0000	15000.0000	15000.0000	20000.0000	15000.0000
200.00	1500.00	100.00	200.00	100.00	200.00	200.00	500.00	700.00	400.00	100.00	500.00	100.00
100000.00	1500000.00	150000.00	350000.00	600000.00	3500000.00	1500000.00	1000000.00	400000.00	550000.00	600000.00	3200000.00	1500000.00

Case Summaries

I34_4_Fem_Parti_Weed_100_Fem_Before	I34_4_Fem_Parti_Weed_100_Fem_After	I34_4_Fem_Parti_Weed_Fem_Higher_Before	I34_4_Fem_Parti_Weed_Fem_Higher_After	I34_4_Fem_Parti_Weed_Fem_Lower_Before	I34_4_Fem_Parti_Weed_Fem_Lower_After	I34_4_Fem_Parti_Weed_Fem_Nil_Before	I34_4_Fem_Parti_Weed_Fem_Nil_After	I34_5_Fem_Parti_Irrigation_100_Fem_Before	I34_5_Fem_Parti_Irrigation_100_Fem_After	I34_5_Fem_Parti_Irrigation_Fem_Higher_Before	I34_5_Fem_Parti_Irrigation_Fem_Higher_After	I34_5_Fem_Parti_Irrigation_Fem_Lower_Before
182	181	18	18	4	4	6	6	56	57	25	24	88
1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
243	241	173	175	38	38	35	35	28	27	112	112	62
1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
49	49	8	8	3	3	4	4	24	24	1	1	1
1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
90.00	90.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
474	471	199	201	45	45	45	45	108	108	138	137	151
1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
90.00	90.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

marketing	MGMT	mushroom	O and M	parlour	poulty	tailor	tailoring	teaching	tech	veg	waiter	Total
0	0	0	0	0	0	0	0	0	1	2	0	206
1	1	1	1	1	0	3	0	1	0	9	1	718
0	0	0	0	0	1	12	2	0	0	1	0	176
1	1	1	1	1	1	15	2	1	1	12	1	1100

F31_After_2_Agri_Farm_Pro_Source_2M_Fin	F31_After_2_Agri_Farm_Pro_Source_3Coop	F31_After_2_Agri_Farm_Pro_Source_4Person	F31_After_2_Agri_Farm_Pro_Source_5Group	F31_After_3_Agri_Machine_Period	F31_After_3_Agri_Machine_Loan_Amt	F31_After_3_Agri_Machine_Pro_Source_3Coop	F31_After_3_Agri_Machine_Pro_Source_4Person	F31_After_3_Agri_Machine_Pro_Source_5Group	F31_After_4_Other_Period	F31_After_4_Other_Loan_Amt	F31_After_4_Other_Pro_Source_1Bank	F31_After_4_Other_Pro_Source_2M_Fin
	1	1	1	1	1		1		66	66	1	
	1.0000	1.0000	1.0000	24.00	5000.0000		1.0000		12.00	100000.0000	1.0000	
	1.00	1.00	1.00	24	5000.00		1.00		6 Month	10000.00	1.00	
	1.00	1.00	1.00	24	5000.00		1.00		60	850000.00	1.00	
3	33	28	16	2	2	2	1		110	110	30	6
1.0000	1.0000	1.0000	1.0000	42.00	925000.0000	2.0000	1.0000		12.00	100000.0000	1.0000	1.0000
1.00	1.00	1.00	1.00	24	50000.00	1.00	1.00		1 Year	5000.00	1.00	1.00
1.00	3.00	4.00	1.00	60	1800000.00	3.00	1.00		120	3000000.00	1.00	2.00
1	9	2	4	1	1	1		1	23	20	1	1
1.0000	1.0000	1.0000	1.0000	12.00	200000.0000	1.0000		1.0000	12.00	100000.0000	1.0000	1.0000
1.00	1.00	1.00	1.00	12	200000.00	1.00		1.00	6	10000.00	1.00	1.00
1.00	1.00	1.00	1.00	12	200000.00	1.00		1.00	24	3500000.00	1.00	1.00
4	43	31	21	4	4	3	2	1	199	196	32	7
1.0000	1.0000	1.0000	1.0000	24.00	125000.0000	1.0000	1.0000	1.0000	12.00	100000.0000	1.0000	1.0000
1.00	1.00	1.00	1.00	12	5000.00	1.00	1.00	1.00	1 Year	5000.00	1.00	1.00
1.00	3.00	4.00	1.00	60	1800000.00	3.00	1.00	1.00	120	3500000.00	1.00	2.00

G33_Cash_Exp_Dom_Exp_Nrs_After	G33_Cash_Exp_Other_Nrs_Before	G33_Cash_Exp_Other_Nrs_After
97	1	2
40000.0000	20000.0000	40000.0000

8000.00	20000.00	30000.00
600000.00	20000.00	50000.00
654	2	6
15000.0000	6550.0000	14000.0000
500.00	100.00	500.00
150000.00	13000.00	50000.00
151	1	1
25000.0000	10000.0000	15000.0000
1000.00	10000.00	15000.00
600000.00	10000.00	15000.00
902	4	9
20000.0000	11500.0000	18000.0000
500.00	100.00	500.00
600000.00	20000.00	50000.00

I34_5_Fem_Parti_Irrigation_Fem_Lower_After	I34_5_Fem_Parti_Irrigation_Fem_Nil_Before	I34_5_Fem_Parti_Irrigation_Fem_Nil_After	I34_6_Fem_Parti_Harvest_100_Fem_Before	I34_6_Fem_Parti_Harvest_100_Fem_After	I34_6_Fem_Parti_Harvest_Fem_Higher_Before	I34_6_Fem_Parti_Harvest_Fem_Higher_After	I34_6_Fem_Parti_Harvest_Fem_Lower_Before	I34_6_Fem_Parti_Harvest_Fem_Lower_After	I34_6_Fem_Parti_Harvest_Fem_Nil_Before	I34_6_Fem_Parti_Harvest_Fem_Nil_After	I34_7_Fem_Parti_P_Harvest_100_Fem_Before	I34_7_Fem_Parti_P_Harvest_100_Fem_After
88	51	51	34	34	89	89	70	70	46	46	175	173
1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
66	379	377	111	110	149	149	19	19	13	13	42	36
1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1	64	64	43	43	5	5	2	2	5	5	25	25
1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	30.00	20.00
155	494	492	188	187	243	243	91	91	64	64	242	234
1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	30.00	20.00

F31_After_4_Other_Pro_Source_3Coop	F31_After_4_Other_Pro_Source_4Person	F31_After_4_Other_Pro_Source_5Group	F31_After_4_Other_Pro_Source_6Other	F31_After_4_Other_Specify_Period	F31_After_4_Other_Specify_Loan_Amt	F31_After_4_Other_Specify_Pro_Source_4Person
46	12	8				
1.0000	1.0000	1.0000				
1.00	1.00	1.00				
1.00	1.00	1.00				
55	21	10				
1.0000	1.0000	1.0000				
1.00	1.00	1.00				
3.00	4.00	5.00				
8	11	5	2	1	1	1
1.0000	1.0000	1.0000	1.0000	12.00	50000.0000	1.0000
1.00	1.00	1.00	1.00	12	50000.00	1.00
1.00	1.00	1.00	1.00	12	50000.00	1.00
109	44	23	2	1	1	1
1.0000	1.0000	1.0000	1.0000	12.00	50000.0000	1.0000
1.00	1.00	1.00	1.00	12	50000.00	1.00
3.00	4.00	5.00	1.00	12	50000.00	1.00

I34_7_Fem_Parti_P_Harvest_Fem_Higher_Before	I34_7_Fem_Parti_P_Harvest_Fem_Higher_After	I34_7_Fem_Parti_P_Harvest_Fem_Lower_Before	I34_7_Fem_Parti_P_Harvest_Fem_Lower_After	I34_7_Fem_Parti_P_Harvest_Fem_Nil_Before	I34_7_Fem_Parti_P_Harvest_Fem_Nil_After	I34_8_Fem_Parti_Marketing_100_Fem_Before	I34_8_Fem_Parti_Marketing_100_Fem_After	I34_8_Fem_Parti_Marketing_Fem_Higher_Before	I34_8_Fem_Parti_Marketing_Fem_Higher_After	I34_8_Fem_Parti_Marketing_Fem_Lower_Before	I34_8_Fem_Parti_Marketing_Fem_Lower_After	I34_8_Fem_Parti_Marketing_Fem_Nil_Before
3	3	6	6	8	8	50	50	30	31	76	75	35
1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
124	126	179	183	137	135	22	22	96	96	154	155	238
1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	5	9	10	26	25	29	29	3	3	5	5	73
1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
132	134	194	199	171	168	101	101	129	130	235	235	346
1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

I34_8_Fem_Partici_Marketing_Fem_Nil_After
35
1.0000
1.00
1.00
235
1.0000
1.00
1.00
73
1.0000
1.00
1.00
343
1.0000
1.00
1.00