

Nepal - Agriculture and Food Security Project Impact Evaluation 2016, Midline Survey

Paul Christian (Development Impact Evaluation (DIME))

Report generated on: January 20, 2021

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Overview

Identification

ID NUMBER

NPL_2016_AFSP-ML_v01_M

Overview

ABSTRACT

The Nepal Agriculture and Food Security Project (AFSP) aims to improve the livelihood of poor farmers by increasing agricultural output and improving nutritional practices. AFSP is funded by the Global Agriculture and Food Security Project (GAFSP), supervised by the World Bank, and implemented by the Ministries of Agricultural Development (MoAD) and Health (MoH). AFSP includes 19 districts¹ of the mid- and far-western development regions of Nepal. It intends to benefit 162,000 people living in hill and mountain areas of the country.

According to the Project Appraisal Document (PAD), the Project Development Objective (PDO) is to enhance food and nutritional security of the targeted communities in select locations of Nepal. The project hypothesizes a link between this food security/nutrition and increased productivity of on-farm income from

both cultivation of crops and rearing of livestock. Additional Results indicators for the project include:

- Increase in the productivity of targeted crops
- Increase in the yield of targeted livestock products
- Increase in the proportion of pregnant and nursing mothers and children between 6-24 months' age adopting appropriate feeding practices.

Following from these objectives, and the indicators laid out in the PAD, the IE was designed in order to capture both the direct targets of the project, as well as its envisioned mechanism pathways. These form the core outcomes measured and described in this report.

In order to achieve its targets, AFSP consists of four components:

1. Technology Development and Adaptation
2. Technology Dissemination and Adoption (TDA)
3. Food and Nutrition Status Enhancement (FNSE)
4. Project Management

The Impact Evaluation (IE) of AFSP concentrates on components 2 and 3. Component 2, TDA, aims to introduce farmers to new production and management methods for both crops and livestock in order to improve their yields and income using a Farmer Field Schools (FFS) approach. Component 3, FNSE, aims to improve feeding practices of young children and of pregnant women, primarily through Behavior Change Communication (BCC).

KIND OF DATA

Sample survey data [ssd]

UNITS OF ANALYSIS

Household

Scope

NOTES

The scope of the survey includes:

Section A: Household Identification

Section A, Part 1: Location

Section A, Part 2: Verification

Section A, Part 3: Date and Time of interview

Section A, Part 4: Target Respondent

Section B: Individual Identification

Section B, Part 1: HH Roster

Section B, Part 2: HH Labor

Section C: Extension

Section D: Agriculture

Section D, Part 1: Plot Identification

Section D, Part 2: Production

Section D, Part 3: Ag Labor

Section D, Part 4: Irrigation

Section D, Part 5: Ag Inputs

Section D, Part 6: Technologies

Section E: Housing

Section F: Assets, Income, Expenditures

Section F, Part 1: Assets

Section F, Part 2: Income

Section F, Part 3: Expenditures

Section F, Part 4: Food Consumption

Section G: Farmer Groups

Section H: Livestock and Poultry

Section H, Part 1: Livestock Roster

Section H, Part 2: Livestock Products

Section I: Finances

Section J: Kitchen Gardens

Section K, Part 1: Dietary Diversity

Section K, Part 2: Months of Inadequate Food

Section K, Part 3: HH Hunger ScaKe

Section N: Insurance

Coverage

GEOGRAPHIC COVERAGE

AFSP is being implemented in 19 districts of the Mid- and Far-Western development region of Nepal, and adapted to three agro-climatic zones: hills, low mountains, and high mountains. It is expected to reach about 162,000 beneficiaries.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
Paul Christian (Development Impact Evaluation (DIME))	World Bank

FUNDING

Name	Abbreviation	Role
Global Agriculture Food Security Program	GAFSP	Funding Data Collection and TA
South Asia Food and Nutrition Security Initiative	SAFANSI	Funding Data Collection
Impact Evaluation to Development Impact	i2i	Funding TA

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Development Data Group	DECDG	World Bank	Documentation of the Study

DATE OF METADATA PRODUCTION

2020-03-05

DDI DOCUMENT VERSION

Version 01 (March 2020)

DDI DOCUMENT ID

DDI_NPL_2016_AFSP-ML_v01_M_WB

Sampling

No content available

Questionnaires

Overview

The questionnaire used across rounds was nearly identical - outside of a few minor changes to language and increased options for some of the multiple-choice questions. The questionnaire is available for download under the Documentation tab.

Data Collection

Data Collection Dates

Start	End	Cycle
2016-09-01	2016-12-15	Midline Survey

Data Collection Mode

Computer Assisted Personal Interview [capi]

Data Collection Notes

Data was collected on paper at the baseline, and using Android tablets (and an ODK platform) during the midline survey.

Questionnaires

The questionnaire used across rounds was nearly identical - outside of a few minor changes to language and increased options for some of the multiple-choice questions. The questionnaire is available for download under the Documentation tab.

Data Collectors

Name	Abbreviation	Affiliation
New Era Private Limited		External Survey Firm

Supervision

Data collection was supervised by Paul Christian (Economist, DIME), and Gogi Grewal (Field Coordinator, DIME). Saahil Karpe (Research Analyst, DIME) and Michael Orevba (Research Assistant, DIME) also contributed to the effort, monitoring incoming data and cleaning it to the point of uploading in the catalog.

Data Processing

Data Editing

Data was edited only minimally - to cater for outliers. Even so, the original data for all these variables are still in the dataset.

Data Appraisal

No content available

Documentation

Questionnaires

Midline for the Impact Evaluation of the Agriculture and Food Security Project (AFSP)

Title Midline for the Impact Evaluation of the Agriculture and Food Security Project (AFSP)
 Country Nepal
 Language English
 Filename afsp_midline_survey.xlsx

Reports

Nepal Agriculture & Food Security Project (AFSP) Impact Evaluation - Midline Survey Report

Title Nepal Agriculture & Food Security Project (AFSP) Impact Evaluation - Midline Survey Report
 Author(s) Development Impact Evaluation (DIME) Global Agriculture & Food Security Program (GAFSP)
 Date 2018-05-01
 Country Nepal
 Language English
 Filename midline_report.pdf

Nepal Agriculture & Food Security Project (AFSP) - Impact Evaluation Concept Note

Title Nepal Agriculture & Food Security Project (AFSP) - Impact Evaluation Concept Note
 Author(s) Daniel Stein (DIME) Ritika D'Souza (DIME).
 Country Nepal
 Language English
 Contributor(s) Maria Jones (DIME) Soham Sen (SASDS)
 Filename concept_note.pdf

Technical documents

Manual for Interviewers 2013

Title Manual for Interviewers 2013
 Author(s) Ministry of Agriculture Development World Bank New ERA
 Date 2013-01-01

Introduction

- Objectives of the Survey
- Survey Site
- Survey Organisation
- Role of Interviewer
- Role of Supervisor
- Role of Quality Controller
- Regulations

Table of contents Conducting an Interview

- Building Rapport with the Respondent
- Tips for Conducting the Interview

General Procedures for

- Asking the Questions
- Recording the Responses
- Correcting Mistakes

Questionnaire

Filename	interviewers_manual_august_29_2013.pdf
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