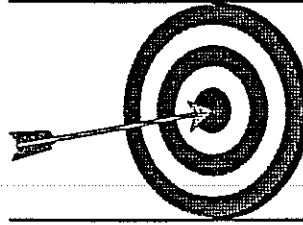


Mayana Focus Community Baseline Survey

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Monitoring & Evaluation Report No.5

Data collection:
Extension staff,
Rundu

Data coding & Analysis:
Monitoring & Evaluation Unit,
Directorate of Planning

26 March 1996

Introduction

The results of a baseline survey conducted as part of the Rural Development Support Project is contained in the set of tables presented in this document.

The survey was conducted in May 1995 by extension staff. All households in a section of Mayana village were interviewed. The purpose of the survey was to generate data which could be used to plan activities in the village and to serve as a baseline against which changes could be assessed over time.

The questionnaires have been coded and entered onto computer files by the Monitoring and Evaluation Unit of the Directorate of Planning, MAWRD. The M&E Unit is responsible for conducting the analysis and producing this report.

The data set is contained on an SPSS file at the Statistics section of the Planning Directorate of the Ministry of Agriculture, Water and Rural Development. A codebook and sample questionnaire are also logged with the Statistics Section.

Monitoring & Evaluation Report Series:

M&E Report No.1 <i>January, 1995</i>	An internal evaluation of the orientation phase of the Sustainable Animal and Range Development Programme (SARDEP)
M&E Report No.2 <i>June, 1995</i>	Field extension resources & activities in 1994: findings of a baseline survey
M&E Report No.3 <i>July, 1995</i>	An action plan for the development of Rural Development Centres: Stage 1 Identification of change actions needed
M&E Report No.4 December 1995	Project Monitoring: the system and first report

RECORDING AND ANALYSIS OF BASELINE HOUSEHOLD SURVEY

(99 QUESTIONNAIRES FOR MAYANA FOCUS COMMUNITY, SAMBYU)

1. Percentage of female headed households:

25% female headed
75% male headed

2. Average and distribution of household sizes:

-average household size: 12.01

-distribution of household sizes:

1- 5 persons	14.3%
6-10 persons	36.8%
11-15 persons	24.5%
16-20 persons	9.1%
21-25 persons	9.1%
26-30 persons	3.0%
31-35 persons	1.0%
>35 persons	1.0%

3. Dependency ratio:

-average dependency ratio: 3.59

-distribution of dependency ratio:

1.00-2.99	41.4%
3.00-4.99	39.6%
5.00-6.99	12.2%
>7.00	6.0%

4. Average and distribution of household farm labour:

-average farmlabour per household: 3.80

-distribution:

1-3	58.2%
4-6	29.5%
7-9	8.1%
10-12	3.0%
>12	1.0%

5. Percentage of households hiring labour:

35.4% sometimes
64.6% never

According to the collected data the hiring of additional labour is not related to the area available for cultivation and the household farm labour.

6. Average number and distribution of farm plots:

-average: 1.91 plots per household

-distribution:

none	16.3%
1-2	60.2%
3-4	16.3%
5-6	4.0%
7-8	2.0%
>8	1.0%

7. Average and distribution of the distance to nearest and farthest household plots:

-average distance to nearest plot: 2232.6 meters

-distribution:

<100 m	45.4%
100-1000 m	11.6%
1500-3000 m	11.6%
4000-6000 m	24.3%
>7000 m	7.5%

-average distance to farthest plot: 7.56 kilometers

-distribution:

1-3 km	32.7%
4-6 km	40.4%
7-9 km	11.5%
10-12 km	3.8%
12-15 km	1.9%
>15 km	9.5%

8. Distribution of the area cultivated by the households in 1995/96:

<1 ha	27.8%
1-2 ha	21.1%
2-5 ha	37.8%
>5 ha	13.3%

9. Area of land fallowed, related to size of area cultivated:

-land fallowed: 81.8% of the households do not normally leave land fallowed.

-relation between size of area cultivated and land left fallow or not:

	mean cultivated area
leave land fallow	3.3333 ha
don't leave land fallow	3.0250 ha
	mean difference = 0.3083

According to the t-test the relation between the size of the cultivated area and land fallowed is significant at the 90% level, but not at the 95% level.

10. Length of fallow period:

-96.1% of the households who have land fallowed use a fallow period of 1 year.

11. Distribution of the length of time that households have had use of the holding:

<5 years	14.1%
5-10 years	20.2%
10-15 years	16.2%
>15 years	49.5%

12. Average and distribution of plots per household fenced:

-average of plots fenced: 0.73

-distribution of plots fenced:

none	64.3%
1	25.5%
2	7.1%
3	2.0%
7	1.0%

13. Percentage fenced with dead trees and bushes/post and wire:

- fences of dead trees and bushes: 78.3%
- fences of post and wire: 21.6%

14. Percentage of households cultivating the crops listed:

millet	89.9%
sorghum	59.6%
maize	58.6%
beans	8.1%
pumpkin	7.1%
melon	10.1%
cowpeas	4.0%
peanuts	4.0%
tomatoes	-
cabbage	-
okra	-
onions	-
rape	-
mutete	50.0%
pepper	2.0%
sunflower	2.0%
sweet potatoes	1.0%

15. Number and distribution of crops interplanted with millet/sorghum/maize:

-There are 6 different crops used for interplantation.

-distribution:

beans	5.8%
pumpkin	19.1%
melon	39.8%
cowpeas	29.7%
peanuts	1.5%
mutete	3.7%

16. Frequency of interplanted crops:

-92.8% of the households have interplanted crops.

17. Distribution and type of fruit trees on the holding:

-distribution of fruit trees:

none	58.6%
1 type	26.2%
>1 type	15.1%

-distribution of types of fruit trees:

(e.g. of households with fruit trees 30.3% have a mugongo.)

mugongo	30.3%
mudike	9.1%
cactus	3.0%
amarula	3.0%
muguni	7.1%
pawpaw/maputy	4.0%
lemon	1.0%
palm tree	2.0%

18. Duration of household food stocks in 1993/94 and 1994/95 and expected food duration in 1995/96:

-food duration in 1993/94:

no stocks	2.0%
until January	29.3%
until February	17.3%
until March	15.3%
until April	7.1%
until May	17.3%
until June	8.2%
longer than June	2.0%
unknown	1.0%

-food duration in 1994/95:

no stocks	17.2%
until January	42.4%
until February	24.2%
until March	9.1%
until April	4.0%
until May	2.0%
until June	1.0%

-expected food duration in 1995/96:

no stocks	5.1%
until January	4.0%
until February	9.1%
until March	3.0%
longer than March	3.0%
more than in 94/95	47.5%
less than in 94/95	6.1%
unknown	22.2%

19. Other food gathered in the holding:

none	41.4%
1 kind	23.2%
2 kinds	28.2%
3 kinds	7.1%

-distribution of kinds of food gathered in the holding:
(e.g. of those gathering in the holding 11.1% mentioned mbutu)

mbutu	11.1%
spider flower	6.1%
mbonga	2.0%
mavumbura	39.4%
mutete	3.0%
kasivi	1.0%
kamboyera	1.0%
maguni	1.0%

usilili	5.1%
woga	19.2%
nosivi	1.0%
mbowa	1.0%
ghoga	1.0%
mazokwani	1.0%
fish	1.0%

20. Other food gathered outside the holding:

none	9.1%
1 kind	25.2%
2 kinds	34.3%
3 kinds	31.3%

-distribution of kinds of food gathered outside the holding:
(e.g. of those gathering outside the holding 51.5% mentioned fish.)

fish	51.5%
nongongo/ngongo	60.6%
nonsivi	15.2%
maguni	24.2%
uwoga	3.0%
makwewo	20.2%
namayara	2.0%
kakopa	1.0%
ncaba	1.0%
magu	1.0%
matu	5.1%
maghungu	1.0%
nonzimba/zimba	5.1%
mavumbura	2.0%
makokofi	1.0%

21. Percentage of households selling food crops in 1994:

-96% of the households did not sell any food crops.

22. Tree species most in demand by the households for building, fencing, firewood, fodder, kraals, medicine and tools:

-building:

(e.g. 24.2% of the households mentioned acacia.)

acacia	24.2%
(m) ugoru	98.0%
mgango	27.3%
(m) utundungu	14.1%
(m) upupu	1.0%
uhahe	15.2%
usivi	1.0%
mbunze	2.0%
mega	1.0%
uwai	1.0%
mukekete	1.0%
muhamu	10.1%
unsu/munsu	3.0%
mbungururu	1.0%
planks	3.0%
iron	1.0%
kapako	1.0%
mbaha	1.0%

-fences:

acacia	65.9%
(m) ugoru	22.7%
(m) utundungu	2.3%
(m) upupu	2.3%
uhahe	2.3%
munzu/musum	4.5%
mega	9.1%
mukekete	2.3%
muhamu	6.8%
unsu/munsu	45.5%
wire	2.3%
munyondo	6.8%

uginda	2.3%
undja	2.3%

-firewood:

acacia	18.2%
(m) ugoru	46.5%
mgango	2.0%
(m) utundungu	21.2%
(m) upupu	17.2%
uhahe	24.2%
mupanda	1.0%
mega	5.1%
muhamu	2.0%
unsu/munsu	26.3%
nonsu	1.0%
mughudi	1.0%
upanda	1.0%
(m) upupu	2.0%
munyondo	4.0%
mixed/any tree	24.2%

-fodder:

(m) ugoru	18.4%
mgango	2.0%
(m) utundungu	2.0%
(m) upupu	12.2%
mgundje	10.2%
murere	16.3%
mupanda	12.2%
marenge	2.0%
mbunze	71.4%
muhamu	4.1%
unsu/munsu	4.1%
mughudi	2.0%
upanda	2.0%

nombare	2.0%
uvanga	2.0%
palm trees	2.0%

-kraals:

acacia	70.9%
(m) ugoru	21.8%
(m) utundungu	5.5%
uhahe	1.8%
munsu/musum	1.8%
canel thorn/thorn tree	3.6%
mega	5.5%
mukekete	3.6%
untu	1.8%
unsu/munsu	23.6%
mugorwe	1.8%
wire	14.5%
dycrostachis	1.8%
mixed/any tree	1.8%

-medicine:

not used	10.8%
(m) ugoru	58.1%
mgango	37.6%
(m) utundungu	4.3%
(m) upupu	3.3%
uhahe	2.2%
mpumwity	2.2%
sihorowa	1.1%
murere	2.2%
mupanda	1.1%
usivi	6.5%
mutumba	17.25
sipumuna	3.2%
mukenge	2.2%

mukekete	8.6%
epeke	1.1%
mukokombwo	5.4%
mughudi	1.1%
mugorwe	1.1%
munlyanzovu	1.1%
mungolwe	2.2%
pumuiyi	4.3%
musheshe/nyemba	1.1%
(m) ugo (u) ngo	6.5%
munyalu	7.5%
mupeke	1.1%
mupopo	1.1%
munyondo	3.2%
makwewo	5.4%
mundungamba	1.1%
musoro	1.1%
uvanga	1.1%
ututungu	1.1%
nonkenge	1.1%
unyondo	1.1%
used but unknown	3.3%

-tools:

not used	2.6%
(m) ugoru	15.4%
(m) utundungu	61.5%
(m) upupu	5.1%
uhahe	10.3%
(m) uguva	41.0%
munzu/musum	5.1%
usivi	12.8%
canel thorn/thorn tree	2.6%
untu	2.6%
unsu/munsu	23.1%

musheshe/nyemba	2.6%
mupopo	2.6%

23. Non-fruit tree species planted by the households:

-86.9% of the households do not plant any non-fruit trees.

-distribution of non-fruit trees planted:
(of those planting non-fruit trees 30.8% mentioned shimbumburu.)

shimbumburu	30.8%
karando	23.1%
ehoro	7.7%
melkbos	15.4%
mulela	23.1%
zimenia	7.7%
ugongo	7.7%

24. Distribution of livestock:

-cattle:

none	58.6%
1-5	8.0%
6-10	15.0%
11-15	6.0%
16-20	4.0%
26-30	3.0%
>30	3.0%

-goats:

none	65.7%
1-5	14.1%
6-10	8.0%
11-15	3.0%
16-20	1.0%
>21	8.0%

-intended for 1995/96: 58.6% intend to hire
41.4% don't intend to hire

32. Percentage of households supported by off-farm labour:

25.3% never
38.4% sometimes
36.4% frequently

33. Non-farming additional sources of income:

none	28.3%
employment	27.3%
baskets	1.0%
mats	2.0%
beer	1.0%
fat cakes	1.0%
pension	24.2%
selling animals	1.0%
carvings	1.0%
employment, selling animals	1.0%
employment, selling beer, fat cakes	1.0%
employment, pension	8.1%
sikundu	1.0%
selling farm products	1.0%
mats, carvings	1.0%

34. Percentage of households taking credit, 1992-95:

-1992/93: none

-1993/94:

no credit taken	98.0%
credit taken, amount unknown	1.0%
credit taken, amount 4000 N\$	1.0%

-1994/95:

none	92.9%
credit taken, amount unknown	2.0%
credit taken, amount 1000 N\$	2.0%

37. Major health problems in the households (men/women/children):

-men:

(e.g. 85% of the households mentioned malaria.)

malaria	85.9%
headache	25.0%
cough	7.6%
diarrhoea	30.4%
eye problems	10.9%
backache	13.0%
front pain/swollen troat	2.2%
STDs	1.1%
high blood	2.2%
shiwama	3.3%
TB/DIPI	10.9%
fever	16.3%
legs	5.4%
chest pain	1.1%
heartache	2.2%
mukayo	1.1%
cold	4.3%
toothache	3.3%
mutive	1.1%
magura	1.1%
epilepsy	1.1%

-women:

malaria	88.8%
headache	25.5%
cough	7.1%
diarrhoea	37.8%
eye problems	6.1%
backache	10.2%
front pain/swollen throat	1.0%
STDs	1.0%
high blood	1.0%