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**NATIONAL STATISTICAL OFFICE  
ZOMBA**

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CONFIDENTIAL

**NATIONAL CENSUS OF AGRICULTURE AND LIVESTOCK**

***Module 3: PLOT DETAILS***

**Important information for the interviewer:**

**Create a reference number by combining the cluster, household, questionnaire number, parcel number and plot number. Write this number NOW on top of all pages.**

CLUSTER	HOUSEHOLD	MODULE NUMBER	PARCEL NO	PLOT NO	REFERENCE NUMBER
<input type="text"/>	<input type="text"/>	<input type="text" value="3"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="3"/>

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**A. Interview Information**

**A1. Interviewer's number/name**

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<input type="text"/>	<input type="text"/>
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**A2. Head of household**

<input type="text"/>
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**A3. District code/District name**

<input type="text"/>	<input type="text"/>
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**A4. TA/STA/Area**

<input type="text"/>
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**A5. Date**

**A6. Respondent    A7. Relay planting number**

Day	Month	Year
<input type="text"/>	<input type="text"/>	<input type="text"/>

Member number

<input type="text"/>
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Relay planting number

<input type="text"/>
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**P1. Give operator number from household roster**

**P2. What is the distance from the dwelling unit to the plot in km**

**P3. Plot location: South location**

**P4. Plot location: East location**

**P5. Plot area in hectares (with three decimals)**

**P6. Plot perimeter in meters**

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**P7 What crops are grown in the plot and type of stand?**

	Type of stand	Size of YSP
Maize	<input type="checkbox"/>	7m x 7m
Rice	<input type="checkbox"/>	
Sorghum	<input type="checkbox"/>	
Wheat	<input type="checkbox"/>	
Millet	<input type="checkbox"/>	
Beans	<input type="checkbox"/>	7m x 7m
Soya beans	<input type="checkbox"/>	7m x 7m
Velvet beans	<input type="checkbox"/>	
Ground beans	<input type="checkbox"/>	
Pigeon peas	<input type="checkbox"/>	
Cow peas	<input type="checkbox"/>	
Ground nuts	<input type="checkbox"/>	7m x 7m
Sun flower	<input type="checkbox"/>	
Cassava	<input type="checkbox"/>	5m x 5m
Sweet potato	<input type="checkbox"/>	5m x 5m
Irish [Malawi] potato	<input type="checkbox"/>	5m x 5m
Tobacco	<input type="checkbox"/>	
Cotton	<input type="checkbox"/>	
Tea	<input type="checkbox"/>	
Sugar cane	<input type="checkbox"/>	
Coffee	<input type="checkbox"/>	
Sorghum	<input type="checkbox"/>	
Other	<input type="checkbox"/>	

Codes: Type of Crop stand: 1=Pure, 2=Mixed stand, 3=Relay cropping, 4=Scattered

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**P8 Give the codes of the crops in the plot in order of quantity**

1<sup>st</sup> main crop2<sup>nd</sup> main crop3<sup>rd</sup> main crop


**P9 ASK OPERATOR BEFORE HARVEST: How many kgs do you expect to harvest from this plot. Give the number of kgs for each of the main crops in the plot.**

1<sup>st</sup> main crop2<sup>nd</sup> main crop3<sup>rd</sup> main crop

Number of kgs


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**P10 Where did the operator obtain the major part of seeds which he planted on the plot? (MULTIPLE RESPONSE)**

	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>
Retained from previous season	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Project/scheme/credit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
As seed from ADMARC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
As food from ADMARC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
As food from market	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Contract farming	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bought locally	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Subsidy program	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Free seed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**P11 Was the plot irrigated?**

Yes	1	<input type="checkbox"/>
No	2	<input type="checkbox"/>

**P12 How was the plot ploughed? [ MULTIPLE RESPONSE]**

Not ploughed	1	<input type="checkbox"/>
Used a hoe	1	<input type="checkbox"/>
Ploughed by own oxen	1	<input type="checkbox"/>
Ploughed by hired oxen	1	<input type="checkbox"/>
Ploughed by own tractor	1	<input type="checkbox"/>
Ploughed by hired tractor	1	<input type="checkbox"/>
Other	1	<input type="checkbox"/>

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**P13 How was the plot ridged? [ MULTIPLE RESPONSE]**

Not ridged	1	<input type="checkbox"/>
Used a hoe	1	<input type="checkbox"/>
Ridged by own oxen	1	<input type="checkbox"/>
Ridged by hired oxen	1	<input type="checkbox"/>
Ridged by own tractor	1	<input type="checkbox"/>
Ridged by hired tractor	1	<input type="checkbox"/>
Other	1	<input type="checkbox"/>

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**P14 How was the plot planted? [ MULTIPLE RESPONSE]**

Manual	1	<input type="checkbox"/>
Used a hoe	1	<input type="checkbox"/>
Own planter by oxen	1	<input type="checkbox"/>
Hired planter by oxen	1	<input type="checkbox"/>
Own planter by tractor	1	<input type="checkbox"/>
Hired planter by tractor	1	<input type="checkbox"/>
Other	1	<input type="checkbox"/>

**P15 How was the plot weeded? [ MULTIPLE RESPONSE]**

Manual	1	<input type="checkbox"/>
Used a hoe	1	<input type="checkbox"/>
Own tractor	1	<input type="checkbox"/>
Hired tractor	1	<input type="checkbox"/>
Own oxen	1	<input type="checkbox"/>
Hired oxen	1	<input type="checkbox"/>
Not weeded	1	<input type="checkbox"/>
Herbicide	1	<input type="checkbox"/>
Other	1	<input type="checkbox"/>

**P16 What type of fertilizer was applied to the plot? [MULTIPLE RESPONSE]**

	Organic-manure	1	<input type="checkbox"/>
	Inorganic-chemical	1	<input type="checkbox"/>
P18 ←	Not applied	1	<input type="checkbox"/>

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**P17 How was the fertilizer obtained? [MULTIPLE RESPONSE]**

		Inorganic		Organic
Bought	1	<input type="checkbox"/>	1	<input type="checkbox"/>
Credit	1	<input type="checkbox"/>	1	<input type="checkbox"/>
Contract farming	1	<input type="checkbox"/>	1	<input type="checkbox"/>
Subsidy	1	<input type="checkbox"/>	1	<input type="checkbox"/>
Free[NGO, Church etc]	1	<input type="checkbox"/>	1	<input type="checkbox"/>
Other	1	<input type="checkbox"/>	1	<input type="checkbox"/>

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**P18 Did you use pesticides on the plot?**

P21	←	Yes	1	<input type="checkbox"/>
		No	2	<input type="checkbox"/>

**P19 What type of pesticide did you use? [MULTIPLE RESPONSE]**

Insecticides	1	<input type="checkbox"/>	
Fungicides	1	<input type="checkbox"/>	-
Herbicides	1	<input type="checkbox"/>	
Fumigants	1	<input type="checkbox"/>	
Other	1	<input type="checkbox"/>	

**P20 How were the pesticides obtained? [MULTIPLE RESPONSE]**

Bought	1	<input type="checkbox"/>
Credit	1	<input type="checkbox"/>
Subsidy	1	<input type="checkbox"/>
Contract farming	1	<input type="checkbox"/>
Free[NGO, Church etc]	1	<input type="checkbox"/>
Other	1	<input type="checkbox"/>

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**P21 ASK OPERATOR AFTER HARVEST:** How many kgs did you harvest from this plot. Give the number of kgs for each of the main crops in the plot. Give the weight for the form you would usually sell or use, such as fresh or dried, shelled or not shelled, e.g. for maize give weight after drying cobs and shelling.

Number of kgs

1<sup>st</sup> main crop

2<sup>nd</sup> main crop

3<sup>rd</sup> main crop

**P22** **How many men, women, boys and girls from the household have been engaged in the following farming activities in this season?**

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**Adult family members**  
**Male                  Female**

Children [= <14 yrs old]  
Male      Female

## Land Preparation

## Planting

## Weeding

## Harvesting

## Marketing

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P23

How large share of the work was done by the men, women, boys and girls in the household for each of these farming activities in this season?

Men

Women

Boys[<= 14yrs]

Girls[<=14 yrs]

All

Most

Half

Some

None

All

Most

Half

Some

None

All

Most

Half

Some

None

All

Most

Half

Some

None

Land Preparation

Planting

Weeding

Harvesting

Marketing

B. YSP Information

P24 What is the number of plants in the YSP for the following crops?  
[If sweet potato go to next question]

- 1<sup>st</sup> Main crop
- 2<sup>nd</sup> Main crop
- 3<sup>rd</sup> Main crop

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P25a What is the quantity [kg] produced for the following crops in the YSP?

[For all root crops put fresh weight only]

- 1<sup>st</sup> Main crop
- 2<sup>nd</sup> Main crop
- 3<sup>rd</sup> Main crop

Fresh weight  
in kg

Dry weight  
in kg

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<b>C. Full Harvest Information</b>
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**P25b FOR PURE STAND MAIZE PLOTS ONLY (LOCAL, COMPOSITE, HYBRID)**

**Was this plot selected for full harvest of local, composite or hybrid maize?**

Yes, local maize      1    ☐

Yes, composite maize    2    ☐

Yes, hybrid maize      3    ☐

**P27**      No      4    ☐

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**P26a What is the total number of bags [units] of maize harvested from this plot?**

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**P26b What is the weight of maize for sampled units [bags] measured? Give the weight of maize after drying the cobs for at least 1-2 weeks and shelling them.**

**Dry weight of shelled maize in kg**

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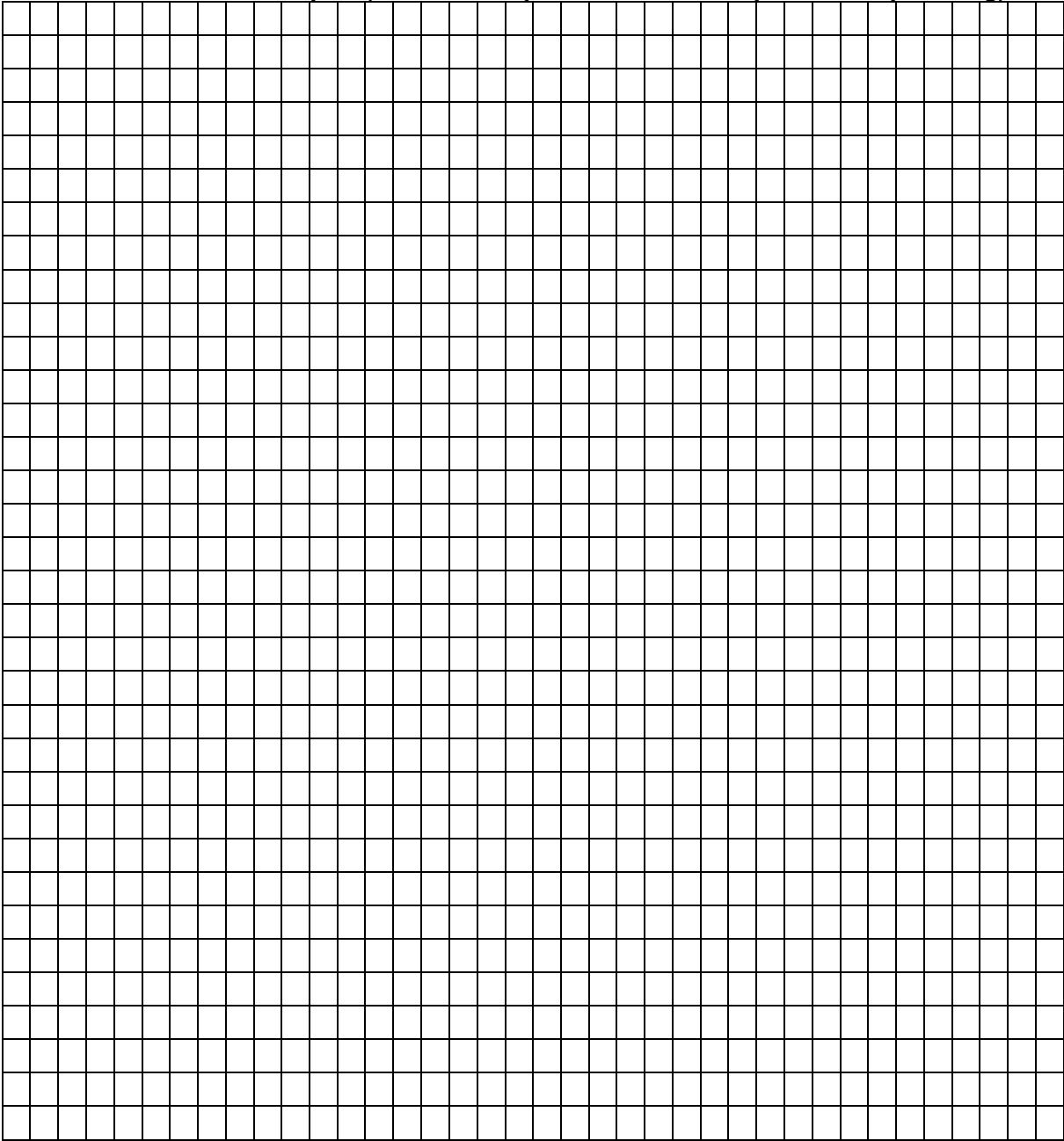


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**SECTION D: SKETCHING OF THE PLOT**

**P27**      **Sketch the plot (indicate the position of the subplot for crop cutting)**



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**HOUSEHOLD ROSTER****Member line number****1****2****3****4****5****6****7****8****9****10**

MAKE A COMPLETE LIST OF  
NAMES OF ALL PERSONS  
WHO NORMALLY LIVE AND  
EAT TOGETHER IN THIS  
HOUSEHOLD.  
STARTING WITH THE HEAD  
OF THE HOUSEHOLD.  
IF MORE THAN TEN  
MEMBERS, USE A NEW  
QUESTIONNAIRE

Head

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