

Appendix 1. In-depth interview questionnaire

Questionnaire for smallholder farmers in Malawi (Mafunso amabungwe alimi ang'ono ang'ono m'malawi)

BACKGROUND

Age (muli ndi dzaka zingati?): Gender (akazi/amuna):

Occupation (mumagwira ntchito yanji): Where do you live?

Did you move here in order to be part of the scheme? (Munasamukira kuno kuti mulowe nawo mubungweli?)

If yes, where did you live before? (ngati avomerera, Musanabwere kuno mumakhala kuti?)

Did you move here with your family? (Munasamukira kuno ndi banja lanu?)

Are you the head of the household? If not, who is?

How many people are in your household? Adults: Men: Women: Children:

OUTGROWER MEMBERSHIP

Are you the member of the scheme? If not you, who is? Since when (munalowa liti?):

What is your roll in the scheme? What are your farm activities? Do men and women have different rolls/carry out different farming activities?

Do you have any influence in decisions made in the scheme? (Mumatengapo mbali popanga chiganizo mu bungweli?) *Get idea of options of what types of decisions*

Are you in a management or supervisor position? (Muli ndi udindo uli wonse mu bungweli?) Since when and how?

ACCESS TO LAND AND ASSETS/INFRASTRUCTURE

How did you get access to the land and since when? (munda muli nawowo munaupeza bwanji)

Who owns/has control over the land (who makes decision to sell etc)?

If you don't own the land, do you have to pay rent? To whom?

Do you have other jobs or sources of income? (muli ndi njila dzina zopezera ndalama?):

What did you do/farm before you entered the scheme? (Ngati ayi, mumachita chani/mumalima kuti musanalowe nawo mu bungweli?)

What more than sugar cane do you produce on your land (the plot which is in the scheme)?

What proportion of your land do you grow other crops than sugar? How do you decide what to grow and how much?

Do you/your family have other plots elsewhere? What do you grow there? Is it sufficient to sustain the family?

Do you have access to any agricultural equipment/infrastructure? Do you own it?(Muli ndi mwayi wogwilitsa ntchito zipangizo zilizonse za ulimi?)

Are there different kinds of equipment used for women and for men? Related to different kinds of farming activities (weeding, planting, harvesting etc.)

OPPORTUNITIES/RIGHTS FOR WOMEN

In your opinion, do you think women and men have the same opportunities to... (Mukuganiza kuti amayi ndi abambo Ali ndi mwayi wofanana ku zinthu izi:

- Own/have access to land? (Minda)
- Own/have access to equipment/infrastructure?(ku zipangizo zaulimi)

- Be a member of a scheme?(kukhala nawo modzi mwa anlimi mu bungweli)
- Have management/supervisor positions?(udindo mu bungweli)
- Influence decisions?(Kupanga ziganizo)
- What type of decisions are taken by men and what types are taken by women?

WEATHER AND CLIMATE

Do you use weather/weather forecasts? (try and distinguish seasonal compared to 10 day etc)

How do you get information about weather/weather forecasts? (Nkhani zokhuzana ndi nyengo mumazimvera kuti?) / Where do you get this information from? (e.g. radio, NGO, extension officer, scheme representative)

Are the forecasts accurate?

Do you know of sources for weather information that you can't access?

What information would be useful to have through the weather forecast? (e.g. dry spells in the rainy season in the seasonal forecast) Would longer term information be useful (e.g. a forecast for the next 5 years?)

How would you prefer to get weather and climate information? (Nanga ndi njira ziti zimene mungafune kugwiritsa ntchito kuti mudziwe mene nyengo ilili/zakusintha kwanyengo?)

What other methods/what knowledge do you use to see what weather you will get (traditional knowledge, methods learned from older generations, own experience? (Ndinjira ziti zimene mumagwiltsa ntchito kuti mudziwe mene nyengo itakhalile?)

How did you learn them? Is the knowledge inherited from older generations? From older women (to girls)? From older men (to boys)?

What do you use the weather information for/what decisions do you make in your farming based on weather?

What extreme weather events have you experienced or heard of in the last few years? (Ndi ziophyezo ziti zomwe mwaonako kapena kumva muzaka zapitazi zokhuzana ndi nyengo))

How did you hear about them? (Munazimvera kuti/munadziwa bwanji?)

Do you think the climate is changing/have you noticed a different weather pattern in the last few years? Explain. (Fotokozani ngati mwaona kuti nyengo yasintha kapena nyengo yankhala yikusiyenera muzaka zapitazi?)

What do you know about climate change?

How have you learnt? (Mungandifotokozereko zokhuzana ndi kusintha kwanyengo nanga munaphunzira bwanji?) (If appropriate)

Do you do anything different now you know about climate change? Coping strategies, different planning?