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Appendix 1: Questionnaire survey for the youth respondent

Section A: Socio-economic Characteristics

Name of your village.....

1. Name (optional)
2. Gender Male () Female ()
3. Age (Years).....
4. Highest educational qualification
Primary Certificate () Secondary Certificate () Tertiary Education () Never attend School ()
5. Marital status Single () Married () Divorced () Widow ()
6. What is the size of your household (Number).....
7. What is your primary occupation?
Farming() Business () Civil servant () Technician() Student () Other() specify.....
8. Do you belong to any Co-operative in your community? Yes () No ()
9. What type of Co-operative? Profit making () Non-Profit making ()
10. What is your present Father's occupation
Farming () Farming and other () Business () Civil Servant () P Technician () Other ()
Specify.....
11. What is your present Mother's occupation
Farming () Farming and other () Business () Civil Servant () Private Technician Other ()
Specify.....
12. Does your family possess a land for farming? Yes () No ()
13. If yes, what is the size of your family land in hectares?
14. When your family's land will be hand over or shared with you?
When you are married () when parent cannot farm it because of their age () After his death ()
Other () Specify.....

Section B: Choice of Farming Occupation

15. Do you practice or willing to practice farming as a primary occupation?
Yes, I do and I will continue doing it ()
Yes, I do for now but later I will move to the city to get another job ()
No, I do not but I will do later ()
No, I do not, and I will further my education and get non farming job ()
OtherSpecify.....
16. What give you courage to practice farming occupation or planned to become a farmer in the future?
Because my parent are farmers and want me to continue with their farm ()
Because I have land or I can get it easily to farm ()

Because of the benefit I received from Fadama III project()

Because there is no alternative job to do here in our village ()

Because of the Profit involves in farming

Other () Specify.....

17. You are in a community where almost everyone is a farmer why you do not practice and not willing to become a farmer in the future?

Because my parent want me to further my study and get a non-farming job ()

Because I want to live in the city and do non-farming job ()

Because farming is not profitable and farmers are poor in our village ()

Because there is no any support in term of finance, farm inputs from government or any organisation ()

Because My parents do not have land and I have not access to land to farm ()

OtherSpecify

18. You are practicing farming and you have a planned to change to another occupation where possibly will take you away from your village to city, why?

Because I encounter a lot of difficulties at each farming season before I get the land to farm ()

Because I have no certainty whether the land I do farm will be revoked and give to another person ()

Because the rain always seizes before the fully mature of our crops ()

The yield is always poor and not profitable ()

The cost of input is high and the good seed varieties and fertilizer are not always readily available to get () Because the profit from farming is very low ()

Other () Specify.....

19. Mention any factor which you think constraints youth to engage in farming as occupation.

I.
.....

II.
.....

III.

Section C: Access to Land

20. Do you possess your own farming land? Yes () No ()

21. How did you obtain the land?

Inheritance() Purchased () Gift () Local Authority ()Other () Specify.....

22. What is the size of the land in hectare?

23. If you have own a land, who possess the certificate your land?

It is me () my father () the elder brother of our family()the land is not registered () Others()
Specify.....

24. Who have the power over the land on your possession?

I have absolute power over my land () My father () Our elder brother () our village head ()Others () Specify.....

25. There is a policy called Land Use Act which right you to land in your area through the local government area, do you aware with the policy? Yes () No ()

26. Have you ever applied for the land from local government? Yes () No ()

27. Did you get the request size of land you applied for?

Yes, I get () Yes, but less than the size applied for () No, I did not get at all () I have never applied ()

28. If you do not possess a land, how do you obtain the land for farming at each farming season?

Hired from private individuals () my father shares some portion of his land to me () Hired from local authority () leased the land () Others () Specify.....

Perceived constraints for youth access to land in the study area.

29. Non-availability of purchasing land constraints access of land to youth

Strongly Agree (5) Agree (4) Undecided (3) Disagree (2) Strongly Disagree (1)

30. High cost of purchasing land constraints access of land to youth

Strongly Agree (5) Agree (4) Undecided (3) Disagree (2) Strongly Disagree (1)

31. Lack of fund by the youth constraints access of land to youth

Strongly Agree (5) Agree (4) Undecided (3) Disagree (2) Strongly Disagree (1)

32. Reliant to inherit land from parent constraints access of land to youth

Strongly Agree (5) Agree (4) Undecided (3) Disagree (2) Strongly Disagree (1)

33. Unwillingness of parents to handover their land to their children while alive constraints access of land to youth

Strongly Agree (5) Agree (4) Undecided (3) Disagree (2) Strongly Disagree (1)

34. Non-availability of renting land, constraints access of land to youth

Strongly Agree (5) Agree (4) Undecided (3) Disagree (2) Strongly Disagree (1)

35. High cost of renting land, constraint access of land to youth

Strongly Agree (5) Agree (4) Undecided (3) Disagree (2) Strongly Disagree (1)

36. Non-availability of leasing land constraint access of land to youth

Strongly Agree (5) Agree (4) Undecided (3) Disagree (2) Strongly Disagree (1)

37. High cost of leasing land constraints access of land to youth

Strongly Agree (5) Agree (4) Undecided (3) Disagree (2) Strongly Disagree (1)

38. Transactional difficulties in land transfer constraint access of land to youth

Strongly Agree (5) Agree (4) Undecided (3) Disagree (2) Strongly Disagree (1)

Section D: Access to Support programme

39. Which support programme did you benefit?

Fadama III Project () Achor borrowers programme () Npower () I am not benefiting from any support programme () Other () Specify.....

40. What kind of support did you get from the programme?

Financial support () Seed () Fertilizer () Training () herbicide () insecticide () Other () specify.....

41. How did you get or planning to get your start of capital for farming?

Parent and relative () Personal saving () Government support Programme/NGOs () Borrower from local lenders () Borrows from formal financial institution() Other () Specify.....

Appendices 2: Personal Interview with elders and traditional leaders

Introduction

I 'am a student of Sustainable Rural Development of faculty of Tropical AgriSciences, Czech University of Life Sciences Prague, conducting a research on Occupational Choice of Rural Youth. Please, we will like to have your view regarding to access of youth to land under the land tenure system in your community and other factors that affect the decision of the youth in choice of farming occupation through this personal interview which your response will be noted and if you agree your voice will also be recorded. The information collected will be Used strictly for the academic purpose.

I will like to express my appreciation for willing to take part in our survey.

- 1.Name of the community
- 2.Name of the Interviewee (Optional)
3. Gender
4. Age.....
5. What is your position in the community?
6. How many male and female children do you have?
7. Can you tell us the number of the children that leave with you and their ages?
- 8.Are you a full-time farmer?
- 9.For how long have you being involve in farming?
- 10.Do you like your children to become farmers like you?
11. If you like or you do not like them to become farmers can you tell us the reasons?
12. Do you possess your own land that you farm?
13. What is the size of your land?
14. How did you obtain the land?
15. At which age did you obtain the land?
16. There is policy that right land to everybody in his community through the local authority, are you are aware of it, and how it works in this your community?
17. As a leader in a community can you tell us in brief how an individual get land in your community if possible right before the enforcement of the land policy of 1978 to now?
18. What categories of people can own a land in your community?
19. You, specifically how did you obtain your land and at which age did you obtain the land?
20. If you have a plan to share the land with your children, can you tell us the size of the land you are going to share with them, when and why?
21. Can you tell us who among your children would you share the land with, and why?
22. There is a problem of youth unemployment especially in rural areas can you tell us where the youth in your community are facing the problem and what do you think are responsible for it?
23. Farming is the major economic activities in rural areas, but youth now in rural areas are running from it, can you tell us what do you think is responsible for that about the situation in your community?
24. Can you tell us any project or program which cover your community related to support for the youth in terms of education, employment or any other by either government or any organisation?
25. Can you tell us your suggestion, what should be done to motivate the youth to turn their attention back to farming

Appendix 3: Interviewed with Fadama III and Land officials

1. . Name of the local government
2. . Gender
3. Age
4. Rank in the department
5. The land policy of Nigeria vested the responsibility of land allocation in this local government in your office, can you tell us in brief how land I given to individual in this community?
6. People in rural areas till today maintain their traditional land tenure system despite the existing land policy, how an individual obtain the land in rural areas of this local government?
7. Can you tell us whether the office have sufficient land that every applicant is able to get the size of the land he applied or how to manage the situation especially now that everybody is turning to farm in Bauchi state?
8. Can you tell us the categories of people that can get the land through your office?
9. Youth and woman faced or have limited access to land what your office is doing to ensure youth in rural areas of this local government get land to farm?
10. Mention any suggestion that should be done to ensure youth in rural areas to have access to land to farm in their communities.
11. Thank you for giving us your time to share this great information with us.

Interview with FADAMA III desk officer

Name of the local government.

1. Gender of the officer.
2. Age of the officer.
3. Rank in the organisation.
4. In brief can you tell us what role your organisation is doing in the local government?
5. Who are the target beneficiaries of your program?
6. As you are more in programmes related to agriculture, what are the programme you are doing specifically to youth in rural areas of this local government?
7. Can you tell us some of your success on programmes targeted to rural youths in this local government?
8. What are the challenges you are facing in terms of programmes targeted to youth in rural areas?

Appendix4: result of logit regression model

PO	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
SEX	1.352869	.2302143	5.88	0.000	.9016572	1.804081
AGE	.0552322	.0252535	2.19	0.029	.0057363	.1047281
EDU	-.1097396	.0165147	-6.64	0.000	-.1421078	-.0773713
MS	.3312836	.2391393	1.39	0.166	-.1374208	.7999879
HHS	.1850442	.0948399	1.95	0.051	-.0008386	.370927
FOC	1.356441	.2172704	6.24	0.000	.9305983	1.782283
FLP	.3272137	.2665112	1.23	0.220	-.1951386	.849566
PFl	.5696243	.2080379	2.74	0.006	.1618776	.977371
TREATMENT	.5356326	.1992281	2.69	0.007	.1451527	.9261125
_cons	-4.439796	.6570073	-6.76	0.000	-5.727507	-3.152086

. mfx

Marginal effects after logit
 $y = \text{Pr}(PO)$ (predict)
 $= .37019443$

variable	dy/dx	Std. Err.	z	P> z	[95% C.I.]	X
SEX*	.2763927	.03944	7.01	0.000	.199098 .353688	.748603
AGE	.0128774	.00589	2.19	0.029	.001343 .024412	25.0126
EDU	-.0255858	.00383	-6.69	0.000	-.033084 -.018088	6.09358
MS	.0772389	.05567	1.39	0.165	-.031872 .18635	.587989
HHS	.0431431	.02211	1.95	0.051	-.000201 .086487	1.70391
FOC*	.2876873	.03961	7.26	0.000	.210052 .365323	.668994
FLP	.07629	.06212	1.23	0.219	-.045458 .198038	.822626
PFl*	.1339119	.04903	2.73	0.006	.037808 .230016	.400838
TREATM-T*	.1242903	.04567	2.72	0.007	.034774 .213806	.5

(*) dy/dx is for discrete change of dummy variable from 0 to 1

Appendix 5. Photo documentation of shoot in Rigar Rafi communit





