

IMPACT OF BIOFORTIFIED CASSAVA ON LIVELIHOOD OUTCOMES IN THE NIGERIAN CASSAVA VALUE CHAIN

FOCUS GROUP DISCUSSION GUIDE FOR FARMERS GROUP

Note to facilitators: FGD at the producer block will be at the village level. Two FGDs per village will be conducted. One each for men and women group.

Section A: FOCUS GROUP IDENTIFICATION

	Item	Response
1	Date interviewed	
2	Focus Group ID	
3	GPS record	
4	State	1= Benue, 2= Oyo, 3= Anambra (optional)
4	LGA	
5	Village/community name	
6	Sex of focus group	1= Men; 2= Women
8	Name of supervisor	

Section B: INFORMATION DISSEMINATION FOR IMPROVED TECHNOLOGY

9. How many people have heard of Vitamin A cassava?	
Instruction: For questions that demand proportion, put the result in percentage with explanations. For example, if in a FGD of 10 people, 6 people were trained, that's a 60% achievement. Of course, the premise is that the FGD participants form a representative of the sample frame	
10. What is the main source of information?	[a]
11. What is the most important source of this information?	[a]
12. Was there a demonstration made on the cultivation of Vitamin A cassava	1=Yes; 0=No

[a]: 1=IITA; 2= National Roots and Tubers Research Institute; 3=Friends;4=Neighbour; 5= Ministry of Agric.; 6= Private seed supply; 7= NGO (Catholic JDPC); 8=Others (specify)

Section B1: Cassava Varietal Trait Preference. What determines your preference for cassava variety planted?

13. Quality white Garri	1= Not important, 2= Moderately important, 3= Important, 4= Very Important
14. Quality yellow Garri	1= Not important, 2= Moderately important, 3= Important, 4= Very Important
15. Quality white fufu	1= Not important, 2= Moderately important, 3= Important, 4= Very Important
16. Quality yellow fufu	1= Not important, 2= Moderately important, 3= Important, 4= Very Important
17. High root yield	1= Not important, 2= Moderately important, 3= Important, 4= Very Important
18. Big root size	1= Not important, 2= Moderately important, 3= Important, 4= Very Important
19. White roots color	1= Not important, 2= Moderately important, 3= Important, 4= Very Important
20. Yellow roots color	1= Not important, 2= Moderately important, 3= Important, 4= Very Important
21. Good root shape	1= Not important, 2= Moderately important, 3= Important, 4= Very Important
22. Good market demand	1= Not important, 2= Moderately important, 3= Important, 4= Very Important
23. Post-harvest advantage (longer shelf life)	1= Not important, 2= Moderately important, 3= Important, 4= Very Important
24. Early maturity	1= Not important, 2= Moderately important, 3= Important, 4= Very Important
25. Good pest and disease resistance	1= Not important, 2= Moderately important, 3= Important, 4= Very Important
26. Resistant drought tolerant	1= Not important, 2= Moderately important, 3= Important, 4= Very Important
27. Poundability/Mouldability	1= Not important, 2= Moderately important, 3= Important, 4= Very Important
28. Straight and erect stem	1= Not important, 2= Moderately important, 3= Important, 4= Very Important
29. High starch content	1= Not important, 2= Moderately important, 3= Important, 4= Very Important

SECTION C: ADOPTION AND DIS-ADOPTION OF VITAMIN A CASSAVA VARIETY.

13. How many people were trained in the cultivation of Vitamin A cassava variety?	
14. How many people received vitamin A cassava stems from Harvest Plus or other organizations?	
15. How many of you have planted the vitamin A variety on any of their plots?	
16. How many of you are still cultivating the Vit. A Cassava variety	
17. How many are still planting Vitamin A cassava?	
18. For those still planting Vitamin A CASSAVA, how likely are you to continue planting in the next season?	
19. How many have increased the plots/area planted to Vitamin A cassava	
20. How many have reduced the plot/area planted to Vitamin A cassava	
21. How many have stopped planting Vitamin A cassava?	
22. How many people have stopped selling Vitamin A cassava	
23. How many people have stopped processing vitamin A cassava?	

For those who have stopped planting Vitamin A cassava.

Please probe for the most important reasons

24. What are the main reasons they stopped planting Vitamin A cassava?	1. Poor market value 2. Unavailable market 3. Low germination 4. Don't get inputs regularly (stems...)
25. Which reason is the most important?	
26. Explain why this is the most significant reason. (<i>summarize & transcribe important regional, and cultural differences and use quotes if necessary</i>)	
26. What should be done to solve this constraint?	1. Facilitate market linkage 2. Improve awareness, 3. Better variety with short duration, starch & yield traits,
27. Would you be willing to go back to planting Vitamina A cassava if the problem is solved?	

For those who have stopped selling Vitamin A cassava.

Please probe for the most important reasons

28. What are the main reasons they stopped selling Vitamin A cassava?	1. No buyer 2. Processor rejected for low starch content 3, Low productive & use for home consumption 4. Low consumption of actors owing to lack of awareness
29. Which reason is the most important?	
30. Explain why this is the most significant reason. (<i>summarize & transcribe important regional, and cultural differences and use quotes if necessary</i>)	
30. What has been done to solve this constraint?	Pls provide options
31. Which of your main customer will you be willing to sell vitamin A cassava to?	Pls provide options

For those who have stopped processing Vitamin A cassava

Please probe for the most important reasons

32. What are the main reasons they stopped processing?	Pls provide options
33. Which reason is the most important?	
34. Explain why this is the most significant reason. (<i>summarize & transcribe important regional, and cultural differences and use quotes if necessary</i>)	
35. Which cassava product is the most affected by this reason?	Pls provide options

36. Why is the cassava product the most affected? (<i>summarize & transcribe important regional, and cultural differences and use quotes if necessary</i>)	
37. What has been done to solve this constraint?	Pls provide options

Section D: CONSTRAINT TO PLANTING YELLOW CASSAVA

I. Ranking of constraints to adoption/continued adoption

38. How long has the information and intervention about Vitamin A cassava been available in your community	
39. What would you say has the situation with the number of farmers cultivating Vitamin A cassava in your community?	1. Increased 2. Decreased 3. Remained the same?

II. Challenges of growing yellow cassava

(Which of these factors are the most important challenges for growing and adopting yellow cassava in this area? Please rank these factors against each other according to the majority of group preference.

Instruction

- Reflect on the results of the ranking after the exercise to participants and ask them for approval or modifications.
- During the whole exercise, take note of each component of the challenges, and make it clear and elaborative by adding case studies, quotes, and examples

	Market	Market price	Yield	Late maturing	Awareness	Starch quality	Stem	Overall score	Rank
1. Market									
2. Market price									
3. Yield									
4. Late maturing									
5. Awareness									
6. Starch quality									
7. Stem availability									

40. Which one is the most important constraint to continue growing the vitamin A cassava variety in your community? (Unavailable Market or low market price)	1. Unavailable Market 2. Low market price
41. Which one is the most important constraint to continue growing the vitamin A cassava variety in your community? (Unavailable Market or low yield)	1. Unavailable Market 2. Low yield
42. Which one is the most important constraint to continue growing the vitamin A cassava variety in your community? (Unavailable Market or Late maturing)	1. Unavailable Market 2. Late maturing
43. Which one is the most important constraint to continue growing the vitamin A cassava variety in your community? (Unavailable Market or Lack of awareness)	1. Unavailable Market 2. Lack of awareness
44. Which one is the most important constraint to continue growing the vitamin A cassava variety in your community? (Unavailable Market or Low starch content)	1. Unavailable Market 2. Low starch content
45. Which one is the most important constraint to continue growing the vitamin A cassava variety in your community? (Unavailable Market or unavailable inputs (stem))	1. Unavailable Market 2. Input unavailability
46. Which one is the most important constraint to continue growing the vitamin A cassava variety in your community? (Low market price or low yield)	1. Low market price 2. Low yield
47. Which one is the most important constraint to continue growing the vitamin A cassava variety in your community? (Low market price or Late maturing)	1. Low market price 2. Late maturing
48. Which one is the most important constraint to continue growing the vitamin A cassava variety in your community? (Low market price or Lack of awareness)	1. Low market price 2. Lack of awareness

49. Which one is the most important constraint to continue growing the vitamin A cassava variety in your community? (Low market price or Low starch content)	1. Low market price 2. Low starch content
50. Which one is the most important constraint to continue growing the vitamin A cassava variety in your community? (Low market price or unavailable inputs (stem))	1. Low market price 2. Input unavailability
51. Which one is the most important constraint to continue growing the vitamin A cassava variety in your community? (Low-yield or Late maturing)	1. Low yield 2. Late maturing
52. Which one is the most important constraint to continue growing the vitamin A cassava variety in your community? (Low-yield or lack of awareness)	1. Low yield 2. Lack of awareness
53. Which one is the most important constraint to continue growing the vitamin A cassava variety in your community? (Low-yield or Low starch content)	1. Low yield 2. Low starch content
54. Which one is the most important constraint to continue growing the vitamin A cassava variety in your community? (Low-yield or unavailable inputs (stem))	1. Low yield 2. Input unavailability
55. Which one is the most important constraint to continue growing the vitamin A cassava variety in your community? (Late maturing or Lack of awareness)	1. Late maturing 2. Lack of awareness
56. Which one is the most important constraint to continue growing the vitamin A cassava variety in your community? (Late maturing or Low starch content)	1. Late maturing 2. Low starch content
57. Which one is the most important constraint to continue growing the vitamin A cassava variety in your community? (Late maturing or unavailable inputs (stem))	1. Late maturing 2. Input unavailability
58. Which one is the most important constraint to continue growing the vitamin A cassava variety in your community? (Lack of awareness or Low starch content)	1. Lack of awareness 2. Low starch content
59. Which one is the most important constraint to continue growing the vitamin A cassava variety in your community? (Lack of awareness or unavailable inputs (stem))	1. Lack of awareness 2. Input unavailability
60. Which one is the most important constraint to continue growing the vitamin A cassava variety in your community? (Low starch content or unavailable inputs (stem))	1. Low starch content 2. Input unavailability