

UNDERSTANDING CHALLENGES FACED BY NORTHERN NIGERIAN FARMERS

We are carrying out this research to understand better the challenges faced by farmers in the northern region, Therefore, your responses are valuable in understanding the challenges faced by farmers and in finding solutions to improve agricultural practices and support in the northern states.

** Indicates required question*

SECTION A : Demographic Information

Please fill all the questions provided in this section

1. **Name ***

2. **Age ***

Example: 7 January 2019

3. **Gender ***

Mark only one oval.

☐ Male

☐ Female

4. Education Level (please tick one) **Mark only one oval.*

- ☐ No formal education
- ☐ Primary school
- ☐ Secondary school
- ☐ Tertiary education

5. Location (State/Village) **Mark only one oval.*

- ☐ Kaduna - Bijimi
- ☐ Kaduna - Giwa
- ☐ Kaduna - Sabon sarki
- ☐ Kaduna - Panhauya
- ☐ Kaduna - Biye
- ☐ Kaduna - Shika

SECTION B: Agricultural Practices

Please fill all the questions provided in this section

6. Years of farming **Mark only one oval.*

- ☐ Less than 5 years.
- ☐ 5 - 10 years.
- ☐ 11 - 20 years.
- ☐ More than 20 years.

7. Size of farm (in acres/heactares) *

Mark only one oval.

- ☐ Less than 1 hectare.
- ☐ 1 - 5 hectares.
- ☐ 6- 10 hectares
- ☐ More than 10 hectares

8. Type of Farming: *

Mark only one oval.

- ☐ Crop farming
- ☐ Livestock production
- ☐ Mixed farming
- ☐ Others

9. **Crop farming:** What crops do you mostly grow? (Select all that apply) *

Mark only one oval per row.

	Yes	No	None
Cereals (e.g, maize, rice, sorghum)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Legumes (e.g, beans, soybeans, groundnuts)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vegetables (e.g, tomatoes, onions, pepper)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fruits (e.g, mangoes, oranges, Cashew)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

10. **Crop farming:** What challenges do you face in crop production? (Select all that apply) *

Mark only one oval per row.

	Yes	No
Lack of quality seeds	<input type="radio"/>	<input type="radio"/>
Water scarcity	<input type="radio"/>	<input type="radio"/>
Pest and disease control	<input type="radio"/>	<input type="radio"/>
High cost of fertilizers	<input type="radio"/>	<input type="radio"/>
Lack of modern farming equipment	<input type="radio"/>	<input type="radio"/>

11. **How do you currently prevent crop waste in your farming practices?**

SECTION C: Access to Inputs and Resources

12. **How do you obtain your farming inputs (seeds, fertilizers, pesticides)? ****Mark only one oval per row.*

	Yes	No
Purchase from local markets	<input type="radio"/>	<input type="radio"/>
Government supply	<input type="radio"/>	<input type="radio"/>
Cooperatives	<input type="radio"/>	<input type="radio"/>
NGOs/International organizations	<input type="radio"/>	<input type="radio"/>
Others	<input type="radio"/>	<input type="radio"/>

13. **What are the main barriers to accessing agricultural inputs and resources? (Select all that apply) ****Mark only one oval per row.*

	Yes	No
High cost	<input type="radio"/>	<input type="radio"/>
Lack of availability	<input type="radio"/>	<input type="radio"/>
Lack of information	<input type="radio"/>	<input type="radio"/>
Distance to suppliers	<input type="radio"/>	<input type="radio"/>

14. **Do you use modern farming techniques or traditional methods? ***

Mark only one oval per row.

	Yes	No
Modern	<input type="radio"/>	<input type="radio"/>
Traditional	<input type="radio"/>	<input type="radio"/>
Both	<input type="radio"/>	<input type="radio"/>

SECTION D: Major Challenges Faced

Please select the commonly faced challenges faced in your region

15. What are the major challenges you face in farming? (Select all that apply) *

Mark only one oval per row.

	Yes	No
Lack of access to quality seeds/animals	<input type="radio"/>	<input type="radio"/>
Inadequate water supply/irrigation	<input type="radio"/>	<input type="radio"/>
Poor soil quality	<input type="radio"/>	<input type="radio"/>
Pests and diseases	<input type="radio"/>	<input type="radio"/>
Lack of access to modern farming equipment	<input type="radio"/>	<input type="radio"/>
Limited financial resources	<input type="radio"/>	<input type="radio"/>
Poor infrastructure (roads, storage facilities, etc.)	<input type="radio"/>	<input type="radio"/>
Limited market access	<input type="radio"/>	<input type="radio"/>
Unpredictable weather/climate change	<input type="radio"/>	<input type="radio"/>
Lack of training/education on modern farming techniques	<input type="radio"/>	<input type="radio"/>
Government policy/regulations	<input type="radio"/>	<input type="radio"/>
Insecurity	<input type="radio"/>	<input type="radio"/>

16. Which of these challenges are most critical for you? (Select two only) *

Mark only one oval per row.

	Yes	No
Lack of access to quality seeds/animals	<input type="radio"/>	<input type="radio"/>
Inadequate water supply/irrigation	<input type="radio"/>	<input type="radio"/>
Poor soil quality	<input type="radio"/>	<input type="radio"/>
Pests and diseases	<input type="radio"/>	<input type="radio"/>
Lack of access to modern farming equipment	<input type="radio"/>	<input type="radio"/>
Limited financial resources	<input type="radio"/>	<input type="radio"/>
Poor infrastructure (roads, storage facilities, etc.)	<input type="radio"/>	<input type="radio"/>
Limited market access	<input type="radio"/>	<input type="radio"/>
Unpredictable weather/climate change	<input type="radio"/>	<input type="radio"/>
Lack of training/education on modern farming techniques	<input type="radio"/>	<input type="radio"/>
Government policy/regulations	<input type="radio"/>	<input type="radio"/>
Insecurity	<input type="radio"/>	<input type="radio"/>

SECTION E: Financial and Market Access**17. How do you finance your farming activities? ***

Mark only one oval.

- ☐ Personal savings - Loans from banks
- ☐ Microfinance institutions (please signify interest rate on return if possible)
- ☐ Government grants/subsidies
- ☐ Cooperative societies

18. Please signify interest rate on return if granted any) *

Mark only one oval.

- ☐ 10%
- ☐ 15%
- ☐ 20%
- ☐ 25%
- ☐ 30%
- ☐ 35%
- ☐ 40%
- ☐ 45%

19. Do you have access to financial services (loans, savings, insurance)? *

Mark only one oval.

- ☐ Yes
- ☐ No

20. **If yes, what type of financial services do you use? ****Mark only one oval.*

- ☐ Agricultural loans
- ☐ Savings accounts
- ☐ Insurance policies
- ☐ Microfinance banks

21. **Where/how do you primarily sell your produce/livestock? ****Mark only one oval per row.*

	Yes	No
Local markets	<input type="radio"/>	<input type="radio"/>
Middlemen	<input type="radio"/>	<input type="radio"/>
Cooperatives	<input type="radio"/>	<input type="radio"/>
Direct to consumers	<input type="radio"/>	<input type="radio"/>
Export	<input type="radio"/>	<input type="radio"/>

SECTION F: Environmental and Climate Issues22. **Have you noticed any changes in weather patterns over the past years? ****Mark only one oval.*

- ☐ Yes
- ☐ No

23.

*

If yes, what changes have you observed? (Select all that apply)*Mark only one oval per row.*

	Yes	No
Increased temperatures	<input type="radio"/>	<input type="radio"/>
Erratic rainfall	<input type="radio"/>	<input type="radio"/>
Prolonged droughts	<input type="radio"/>	<input type="radio"/>
Increased flooding	<input type="radio"/>	<input type="radio"/>

24. What measures have you taken to adapt to these changes? (Select all that apply)

*

Mark only one oval per row.

	Yes	No
Changing planting dates	<input type="radio"/>	<input type="radio"/>
Using drought-resistant crop varieties	<input type="radio"/>	<input type="radio"/>
Implementing water conservation practices	<input type="radio"/>	<input type="radio"/>
Diversifying crops and livestock	<input type="radio"/>	<input type="radio"/>

25. **What challenges do you face in adapting to climate change? (Select all that apply)** *

Mark only one oval per row.

	Yes	No
Lack of knowledge of adaptation practices	<input type="radio"/>	<input type="radio"/>
High cost of adaptation measures	<input type="radio"/>	<input type="radio"/>
Limited access to resources	<input type="radio"/>	<input type="radio"/>
Others	<input type="radio"/>	<input type="radio"/>

26. **How have these changes affected your farming activities? (kindly explain)**

SECTION G: Training and Education

27. **Do you have access to agricultural extension services?** *

Mark only one oval.

☐ Yes

☐ No

28. If yes, how often do you receive extension services? **Mark only one oval.*

- ☐ Regularly
- ☐ Occasionally
- ☐ Rarely
- ☐ Never

29. Have you received any training on modern farming techniques? **Mark only one oval.*

- ☐ Yes
- ☐ No

30. If yes, who provided the training? **Mark only one oval.*

- ☐ Government agencies
- ☐ Non-governmental organizations (NGOs)
- ☐ Cooperative societies
- ☐ Private companies
- ☐ Other

31. What type of training do you think would benefit you the most? Kindly state below ; *

G.2.0: Challenges**SECTION H: Suggestions and Recommendations**

32. **What suggestions do you have for improving the agricultural sector in your region?**

33. **Any additional comments or concerns?**

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