

Dear Participant,

You are invited to participate in a research survey titled **“Farmers Speak about what they expect from Scientists”**. This survey is being conducted by Abdulkabir Omeiza Abdulmalik, Arpita Yadav and Besiana Sinanaj as Plantae Fellows affiliated with the American Society of Plant Biologists (ASPB). The purpose of the study is to gather information about the expectations of farmers (like yourself) for scientists and compile an article for online publication on the Plantae Blog website (<https://plantae.org/plantae-blog/>).

Your participation is voluntary. If you agree to participate, you will be asked to complete a questionnaire. The questionnaire includes questions about your farm and farming practices, as well as your opinions regarding what scientific research should be focused on.

Please choose your answer:

I consent to my name and other identifying information being included in the final article.

YES NO

I consent to my responses being used directly in the final article.

YES NO

I consent to my responses being reported in aggregate form with all other responses in the final article.

YES NO

By signing this form, you indicate that you understand the purpose of the study, the nature of the questionnaire, and the fact that participation is voluntary. You also acknowledge that you have received a copy of this consent form.

If you have questions or concerns about this study, please feel free to contact us at:

abdulmalikabdulkabir2019@gmail.com

b.sinanaj@sheffield.ac.uk

arpitayadav@umass.edu

Thank you for considering this study.

Sincerely,

Abdulkabir, Arpita and Besiana

Name: _____

Signature: _____

Date: _____

FARMER SURVEY

Designed for the American Society of Plant Biology (ASPB) 'Plantae' content on the theme: *Farmers Speak About What They Expect from Scientists*

NAME (optional):

DATE SURVEY COMPLETED:

1. What country and state is your farm located in? (e.g. Nigeria, Rivers State)

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2. How long have you been farming? Choose your answer.

<1 year 1-5 years 6-15 years 16-30 years >31 years

3. How did you set up your farm? Choose your answer.

Inherited farm from family

Inherited land and built farm

Bought farm

Other

4. How big is the land area of your farm? (e.g. 5 acres, 2.5 Ha)

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5. How many people work on your farm, including you? Choose your answer.

1 1-3 3-5 5-10 10+

6. 'I use technology for farming (e.g. drones, autonomous tractors... etc.)' How true is this statement for you? Choose your answer.

1—strongly disagree

2—disagree

3—neutral

4—agree

5—strongly agree

6—don't know

7. 'I readily engage with the local farming community to exchange farming tips.'

How true is this statement for you? Choose your answer.

1—strongly disagree

2—disagree

3—neutral

4—agree

5—strongly agree

6—don't know

8. 'I readily engage with the national farming community to exchange farming tips.' How true is this statement for you? Choose your answer.

1—strongly disagree

2—disagree

3—neutral

4—agree

5—strongly agree

6—don't know

9. 'I readily engage with the international farming community to exchange farming tips.' How true is this statement for you? Choose your answer.

1—strongly disagree

2—disagree

3—neutral

4—agree

5—strongly agree

6—don't know

10. How many scientific publications do you subscribe to? Choose your answer.

None 1 2 3 4+

If you have selected a number, please list them below.

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11. 'I am a member of an agricultural organisation.' How true is this statement for you? Choose your answer.

Yes No

If 'Yes', please list the organisation(s) below.

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12. 'I am up to date with the latest developments in science.' How true is this statement for you? Choose your answer.

- 1—strongly disagree
- 2—disagree
- 3—neutral
- 4—agree
- 5—strongly agree
- 6—don't know

13. 'The latest science has a strong influence on my yearly farming practices.' How true is this statement for you? Choose your answer.

- 1—strongly disagree
- 2—disagree
- 3—neutral
- 4—agree
- 5—strongly agree
- 6—don't know

14. 'Scientists understand farmers' needs.' How true is this statement for you? Choose your answer.

- 1—strongly disagree
- 2—disagree
- 3—neutral
- 4—agree
- 5—strongly agree
- 6—don't know

15. What can scientists do to serve farmers better?

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16. If you could have a scientist for a day to investigate/improve something on your farm, what would it be?

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17. Would you like access to the final article on Plantae that will be compiled from this survey? Choose your answer.

Yes No

If 'Yes', please provide contact details. (e.g. email)

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Thank you for your participation!