



Please note: required questions marked with \*

**General:**

1. \*Name of person/farmer filling out the survey: \_\_\_\_\_
2. \*Are you a: *(select one)*
  - Owner Farmer
  - Rented Farmer
  - Farmer Manager for an individual land owner
  - Corporate Farming Company
3. \*Are you answering on behalf of multiple farmers? If yes, please ensure all data is aggregated in responses.
  - Yes
  - No

**3b.** If yes, for how many farmers are you answering: \_\_\_\_\_
4. \*Gender of farm owner: *(select one)*
  - Male
  - Female
  - Jointly owned
5. \*Do you use any of the following farmer assessment tools? *(select all that apply)*
  - Cool Farm Tool
  - SAI Farmer Self Assessment
  - Sustainable Rice Platform
  - Field to Market Field Print Calculator
  - Other \_\_\_\_\_
  - None
6. \*Location:
  - \*Region *(circle one)*

Asia	Eastern Europe / Russia
Africa	North America
Australia	South America
Central America	Western Europe
  - \*Country \_\_\_\_\_
  - State/Province \_\_\_\_\_
  - Zip Code to nearest major town/city \_\_\_\_\_
  - GPS coordinates *(if available)* \_\_\_\_\_
  - GIS layer *(if available)* \_\_\_\_\_
7. \*For which crop are you completing this survey? *(select only one)*

- Maize / Corn
- Rice
- Wheat
- Potato
- Strawberries
- Raisins/Sultanas
- Barley
- Oats
- Sugar Beet

8. \*Total land available on the entire farm: \_\_\_\_\_ hectares/acres (*circle unit of measure*)

9. \*How many hectares/acres do you grow of the crop for which you are completing this survey?  
(question 8) \_\_\_\_\_ ha/acres (*circle unit of measure*)

10. What seed varieties do you use for this crop? \_\_\_\_\_

11. What is the agricultural performance of the seed variety(s) you grow for the specified crop?  
(*check all that apply*)

- Good performance across all metrics
- Could be better:
  - Low yield
  - Water intense
  - Pest/Insect vulnerable
  - Disease vulnerable
  - Cost of seed
  - Other:

12. For the specified crop, please provide the planting density per unit of land measure?  
\_\_\_\_\_ kg/ha OR lb/acre (*circle unit of measure*)

13. \*Do you practice annual crop rotations?

- Yes
- No

13b. If yes, please provide details including crop type, acreage, frequency, and multi-cropping.

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14. \*Which planting and harvest method do you practice?

- Hand planting and/or harvesting
- Mechanized planting and/or harvest
- Both hand and mechanized planting and/or harvesting

15. Please specify the months when planting and harvesting take place for the specified crop:

- Planting \_\_\_\_\_
- Harvesting \_\_\_\_\_

16. Which of the following farming systems do you use? (*select all that apply*)

- Organic
- Organic Certified
- Conventional
- Certified Transitional

**Environmental:**

**17.** \*How much energy do you use to produce one season of the specified crop?

- Electricity: \_\_\_\_\_ kWh
- Gasoline: \_\_\_\_\_ liters
- Diesel: \_\_\_\_\_ liters
- Propane: \_\_\_\_\_ kg
- Biofuels: \_\_\_\_\_ liters/kg/kWh (*circle unit measure*)
- Renewables: \_\_\_\_\_ kWh (please specify energy source: \_\_\_\_\_)

**18.** \*Do you take measures to maximize energy use efficiency, such as optimizing your farm equipment, optimizing electricity use, etc.?

- Yes
- No

**18b.** If yes, please provide detail on the measures taken:

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**19.** \*Do you irrigate the specified crop?

- Yes
- No

**19b.** If yes, what is your total irrigated water use in liters per ha/acre? \_\_\_\_\_ liters per hectare/acre (*circle unit of measure*)

**19c.** If yes, what is your water irrigation method for the specified crop and what % of crop is irrigated utilizing that method?

- Central Pivot \_\_\_\_\_% of crop
- Lateral \_\_\_\_\_% of crop
- Sprinkler \_\_\_\_\_% of crop
- Drip \_\_\_\_\_% of crop
- Flood \_\_\_\_\_% of crop
- Channel irrigation \_\_\_\_\_% of crop

**19d.** If yes, how often do you irrigate the specified crop?

- Once a year
- Twice a year
- Three times a year
- Periodically

**20.** \*How much fertilizer do you apply per ha/acre for one rotation of the specified crop? (*circle units of measure*)

- N (Urea): \_\_\_\_\_ kg/lbs per \_\_\_\_\_ ha/acres
- N (Ammonia): \_\_\_\_\_ kg/lbs per \_\_\_\_\_ ha/acres
- N (Nitrate): \_\_\_\_\_ kg/lbs per \_\_\_\_\_ ha/acres
- P: \_\_\_\_\_ kg/lbs per \_\_\_\_\_ ha/acres
- K: \_\_\_\_\_ kg/lbs per \_\_\_\_\_ ha/acres
- Organic fertilizer: \_\_\_\_\_ kg/lbs per \_\_\_\_\_ ha/acres

**21.** How often do you apply fertilizer for the specified crop? Please specify time in relation to planting or harvest

- Once a year \_\_\_\_\_
- Twice a year \_\_\_\_\_
- Three times a year \_\_\_\_\_
- Periodically \_\_\_\_\_

22. \*Check all that apply for your pesticide applications (includes insecticides, pesticides, fungicides, fumigants, etc.):

- I apply organic pesticides
- I apply synthetic pesticides
- I apply them as a desiccant
- I do not apply pesticides

23. \*Do you take measures to preserve biodiversity on the farm?

- Yes, we have a biodiversity plan in place
- Yes, we have practices that support biodiversity
- No, but I'd be interested in developing a biodiversity plan or learning more
- No

23b. If yes, please provide detail on the measures taken:

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24. Based on a visual assessment, is the soil texture:

- Coarse
- Medium
- Fine

25. Is the drainage in your field poor? (E.g. Does the water pool in your field?)

- Yes
- No

26. Is the soil:

- Dry: water is limited for significant periods of the growing season
- Moist: the field is irrigated and/or soil doesn't have significant water constraints

27. Do you conduct soil tests?

- Yes
- No

31b. If yes, how often? Every \_\_\_\_\_ year(s)

28. \*Which of the following do you test for?

- Macro (N, P, K)
- Micro (Ca, Mg, Zn, Cu, Bo, Mn, Fe, S)
- pH
- Electrical conductivity
- Cation exchange capacity
- Organic matter
- None

29. What % of your soil is organic matter? \_\_\_\_\_%

30. What is the pH of your soil? \_\_\_\_\_

31. \*Do you practice any of the following methods? (please note the number of years you've been implementing the practice)

- No till; \_\_\_\_\_ years
- Minimum till; \_\_\_\_\_ years
- Stubble retention; \_\_\_\_\_ years
- Permanent soil cover; \_\_\_\_\_ years
- Cover crops; \_\_\_\_\_ years
- Buffer or filter strips; \_\_\_\_\_ years

**31b.** If yes to any of the above, what are the primary reasons that you implement these practices? \_\_\_\_\_

**32.** Are you certified to any of the following programs:

- 4R nutrient management
- 5 Star
- Other \_\_\_\_\_

**33.** \*Do you use Integrated Pest Management (IPM)?

- Yes
- No
- If yes, please provide detail on specific practices:  
\_\_\_\_\_  
\_\_\_\_\_

**33b.** If you use IPM, how often do you or your technical team receive IPM training?

- Every 1 years
- Every 2 years
- More than 4 years

**34.** \*Does everyone on your farm use Personal Protective Equipment (PPE) when handling or applying chemicals?

- Yes, everyone involved in chemical applications has been trained according to legal requirements
- Yes, but there is no formal training
- No, PPE is not used for chemical applications
- No, we do not use chemicals that require PPE

**35.** Do you laser level your field?

- Yes
- No

**36.** \*Who provides the agronomic advice? *(select all that apply)*

- Certified crop advisor or agronomist
- Chemical distributor or input provider
- Seed distributor
- Private technician consultant
- Government extension officer
- Influential village leader
- Co-operatives
- No one

**37.** What is your storage method for harvested crops?

- Harvested grains and seeds are stored on site
- After harvest crop is stored with processor or co-op
- Government supported crop storage
- Other: \_\_\_\_\_

**38.** If you store on site or at cooperatives, what storage type do you use?

- Concrete/Steel Silos
- Open Bulkheads
- Warehouse/Cold Storage
- Portable Storage
- Aerated Storage
- Other: \_\_\_\_\_

**Social:**

**39.** \*Have you ever been required to sign a Code of Conduct or guideline on ethical business practices?

- Yes, a [Kellogg Supplier Code of Conduct](#) has been cascaded to me.
- Yes, my customer (e.g. miller) has a code of conduct that I signed.
- No

**40.** \*Did you employ workers during your last harvest?

- Yes
- No

**40b.** If yes, how many workers were employed during your last harvest?

\_\_\_\_\_

**40c.** If yes, what percent of your workers on farm are: (should add up to 100%)

- Men \_\_\_\_\_%
- Women \_\_\_\_\_%
- Local \_\_\_\_\_%
- Other Country or Region \_\_\_\_\_%

**40d.** If yes, what percent of your workers on farm are: (should add up to 100%)

- Direct hire \_\_\_\_\_%
- Contracted hire \_\_\_\_\_%

**40e.** If you have temporary or contracted labor, do you:

- Pay workers directly
- Pay workers via a third party
- I don't have temporary or contracted labor

**40f.** Do you and workers on your farm have regular access to health and safety training?

- Yes, through my processor or trader
- Yes, through government entities
- Yes, through NGO opportunities
- No

**Economic:**

**41.** \*What is your yield in metric tonnes per ha/acre for the last growing cycle of the specified crop?

\_\_\_\_\_metric tonnes per ha/acre (*circle unit of measure*)

**42.** Do you practice precision agriculture calibrated to optimize yield?

- Yes
- No

**43.** Do you have a documented training system for ensuring food safety and quality of your products?

- Yes, we are trained in food safety by government agencies or processors to Hazard Analysis Critical Control Point (HACCP) management system requirements.
- Yes, we have had some training in food safety and quality.
- No, we haven't had training but this has not impacted our access to sell our food.
- No, we haven't had training and it limits the places we can sell.

**44.** \*What was the difference between your actual harvest compared to your anticipated expected yield? (crop losses) \_\_\_\_\_%

**44b.** If you experienced crop loss, which of the following were the cause? (select all that apply)  
(select all that apply)

- Pre-harvest crop rot
- Pest/Fungi
- Lack of post harvest storage
- Other \_\_\_\_\_

**45.** \*Climate risk/adaptation:

**45a.** Do you consider yourself at risk for extreme weather e.g. floods, droughts, etc.?

- Yes
- No
- Don't know

**45b.** Do you take actions to lessen your risk from weather variations?

- Yes
- No

**45c.** Which methods are you using to address to climate risk and adaptation (select all that apply)?

- Drought prevention (Ex. rainwater harvesting)
- Soil Protection (Ex. wind break rows, erosion barriers)
- Freeze / Frost Protection (Ex. wind machines, sprinkling)
- Crop Insurance
- Soil enhancement (Ex. drainage, soil structure, organic matter)
- Alternate wet dry
- Other \_\_\_\_\_
- None

#### Questions for Farmers in X,Y, Z Countries:

Please respond to the following questions only if you are located in a developing country.

**46.** Are you and your family able to meet all of your basic needs (food, housing, clothes, education, savings) from your income from farming?

- Yes
- No
- Depends on season

**47.** Do you have access to financing options in order to purchase inputs such as seeds and fertilizer?

- Yes
- No

**48.** Do you have access to regular market pricing information?

- Yes, through input of supplier-supported resources
- Yes, through Non-Governmental Organization (NGO)-supported resources
- Yes, I research on my own.
- No, I don't.

**49.** If you employ workers, do you hold onto any of their identification or travel documents? (e.g. passports, visas, indentification)

- Yes, we keep these documents in a central location at all times
- Yes, but workers can access them upon request within 24 hours
- Yes, but workers can access them anytime without needing permission
- No, we do not hold any documents for workers

**50.** If you employ workers, do they pay for any of the following expenses, either directly or through paycheck deductions?

- Medical screening as a condition of employment
- Job training
- Worker levy fees
- Personal protective equipment or other safety items
- Other (please specify) \_\_\_\_\_
- No
- We do not employ any workers

**51.** If you employ workers, do you have a system for workers to file complaints about issues?

- Yes, we have a formal system and keep records of complaints and resolutions
- Yes, we have an informal system and workers can come to a manager if they have a complaint
- No, we do not have a system for workers to make complaints
- We do not employ any workers

**52.** If you employ workers, do you provide them housing during their time of employment?

- Yes
- No

**52.b.** If yes, can workers leave the housing location at any time?

- Yes, there are no restrictions
- No, we have some restrictions (night curfew, approval needed, only weekends, etc.)

**53.** Do you, and if you employ workers do they, have regular access to: *(select all that apply)*

- Drinking water
- Bathroom facilities
- Health and medical services
- Safety training and equipment
- Formal education for children of school age
- None