



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.

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:

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:

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, identification)

- 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