

Supplementary Materials

1. Questionnaire

Topic: Does contract length matter? The impact of various contract farming regimes on land improvement investment and efficiency of contract farmers in Pakistan

The information provided will assist in the formulation of policies and programs that will improve contract farming and smallholders' income. The information will be treated with strict confidentiality.

a. Socio-demographic information Questionnaire No. _____

Please specify your answer by placing a tick (✓) on the relevant from the answers provided.

1. Farmers name: _____ Village Name: _____

2. Household head age: _____ (years) Tehsil & District: _____

3. Household head education _____ No. of year Land tenure type: _____

4. Source of income

<i>Income sources</i>	Rupees/month
Off-farm income	
Farm income	
Remittances	
Pension	
Others	
Total	

5. Land holding _____ total acre

(a) Rented _____ (b) Owned _____ (c) shared _____

6. Distance from the regulated (city) market _____ km

7. How long you are engaged in contract farming _____ years

8. Farming experience _____ years

9. Have you participated in training/skill development course programs related to agriculture?

(i) Yes ☐ (ii) No ☐

10. Do you have a cell phone?

(i) Yes ☐ (ii) No ☐

11. How long you are engaged in organic rice production? No of years:_____

12. Number of livestock heads _____(numbers)

b. Farm and crop specific information

No.	Variables	Response
1	Last year's rice yield (Kg/ha)	
2	Last year's rice income per ha	
3	Farm logistic ownership	Yes/No
4	Are you a member of any farmer-based organization?	Yes/No
5	Do you have a connection to a nearby input-output market?	Yes/No
6	Public-private partnership for organic rice production	Yes/No
7	Subsidy-financial incentive received	Yes/No
8	Organic manure application (Kg/ha)	
9	Green manure application (Kg/ha)	
10	Improved seed used for last year rice crop	Yes/No
11	Hired labor used	Yes/No
12	Family labor employed on-farm	Yes/No
13	Crop rotation in practice	Yes/No
14	Do you use mechanical harvesting of rice?	Yes/No
15	Do you own a tractor?	Yes/No
16	Number of tillage operations applied for last year rice cultivation	
17	Tube well ownership	Yes/No



Thanks a lot for your participation.

Your time and opinions are greatly appreciated!

2. Distribution of dependent variable

