

Key Informant Interview Instrument

Adaptation Technologies in Agriculture: Adoption and Impact Assessment of Raised Bed Farming System Technology (RFST) in Egypt

Pursuing a Suitable Mix of Public and Private Technology Delivery Mechanisms



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Key Informant Interview Questionnaire

The questions are designed to understand differences in technology delivery mechanisms employed by private and public service providers including targeted beneficiaries, criteria for service delivery, equitable accessibility of the services to all groups of the society, incentives provided to promote as well as use the technology, etc.

Four delivery mechanisms to take the technology to scale (broad uptake) will be explored.

1. The conventional approach of handing over the prototype to **national research and extension agencies** for dissemination through public delivery systems
2. Engagement of the **private sector** through commercial business approaches which incentivize the purchase of equipment at market rates and provision of fee based services.
3. **Agricultural cooperatives**
4. **University based extension systems** e.g. Zagazig university

In this study, the raised bed technology package includes not only the machinery but the required agricultural inputs including seeds and fertilizers.

Note: If the institution/interviewee is not part of the advisory service engaged with the dissemination of the raised-bed technology package, please ask the respondent to answer the questions in reference to other similar technologies the institution has had previous experience in.

Potential questions

General questions:

1. Are there other technology delivery mechanisms in addition to the four listed above? [Here the question is seeking information on current practices and not potential/future avenues for disseminating the technology.](#)
2. Is there any relation between and among these four institutions? For instance, what is the relationship between the agricultural cooperatives and national extension services? The university and national extension services? Etc. [\(this question is not only referring to the machine but also other aspects of the including – information and agricultural inputs such as seeds and fertilizers, etc.](#)

For each alternative extension service provider, we could ask:

1. What does your extension service look like – i.e. what kind of technologies do you focus on? Why? What is your geographic coverage? Mandated governorate or villages you work with?
2. Where do you get your information on proven agricultural technologies?
3. How is your extension work funded/supported? [E.g. part of the MoA, the national extension system? Collage of Agriculture? Etc.](#)
4. How many extension agents are engaged in providing advisory services under your institution? How many are dispatched in Sharkiyae governorate? Are they trained extension agents? How many are women?
5. How do you identify potential users/adopters of agricultural technologies?

6. Are there pre-determined criteria you use to identify potential users? [Eg. for cooperatives member of the CBO, for private service providers – distance and size of the farm land, etc.](#) or do the potential users approach you?
7. Do you charge your clients fees for services rendered (e.g. rent for machinery, information and other advisory services, ag. inputs, etc.)? If so, what are the average costs of the services? (please provide details for each service provided) and explain if the set price is the market price or a subsidized price.
8. Are you familiar with the raised bed machinery and the associated input requirements?
9. Have you been involved in providing information or service to farmers related to this technology? If yes, what kind of services? ([e.g. awareness raising, advising, renting the machine, providing access to required ag. inputs such as seeds and fertilizers](#)).
10. In your estimate, how many farmers have benefited from your extension service regarding the raised bed technology package? (e.g. in knowledge transfer, technology transfer, access to ag. inputs, etc.).
11. How would you describe your clients? What percentage of your beneficiaries would you say were women?