

Supplementary Material

Strengthening the role of innovation brokers in the livestock advisory services system of Pakistan

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Supplementary Appendix S1

Farm Advisors Field Follow-up Questionnaire

1. Did the extension worker share OR did you observe any key steps/activities taken to implement some different/new extension activities since the training workshop/previous visit?
2. Has the extension worker shared information/lessons from the workshops with other people in their own organisation?
3. What is the feedback of their organisation?
4. Based on the discussion with the extension worker, was there evidence to suggest that the previous extension workers training workshop learnings affected their daily routine/job activities (extension methodology)?
5. Did the extension worker share OR did you observe any practice change/impact at the farm or farming household level?
6. Did the extension worker share OR did you observe any challenges faced in the implementation of the WFEA? Challenges during implementation changes/observations? Solutions discussed to address implementation changes.
7. Did the extension worker discuss his/her plans for their extension program in the future?
8. Please describe briefly the major activities you performed during this field follow up.
9. Did you provide any action items or recommendations to the extension worker?
10. Support needed by the extension workers
11. How do you rate the organisation's support for the project and this extension worker?
12. How is the overall performance of the extension worker in terms of implementing lessons from the training program we are providing them?
13. Based on your observations, how would rate the relationship/engagement of this extension worker with the farming community you visited?

Supplementary Appendix S2

Framework for Reflection of Farm Advisors Training Workshop

In transferring the approach from research producers to research users for technical, social and environmental change. Following open ended questions were asked among groups. There will 5 groups of 50 participants. Each group will be facilitated by two team members, one member will run the session and other will record the replies and observations.

1. What has been the most interesting thing/s you have learnt in the past workshops? (just get people to brainstorm these- it's a way of getting people started on their reflections)
2. What has been the most useful thing/s you have learnt in the past workshops?
3. Why were those things interesting or useful to you? What else would you like to learn about?
4. How have you shared the things you've learnt with farmers? And what are the changes you have observed at farmers doorstep?
5. What are the key things you've learnt from the WFEA training that you shared with your organisation head/ your supervisor? Why were these important to share?
6. How has being involved in the WFEA training affected your daily routine/job activities (extension methodology)? (prompt: What has changed in the way you do your advisory/extension work?) If you don't feel it has changed anything, then what would make the training more suitable and relevant for you?
7. How do you think the relationship between the Dairy Beef Project and your organization could be improved or strengthened?
8. Does your organisation have any future plans/actions regarding the WFEA?
9. Is there anything else you'd like to add about your experience of being involved in the WFEA training and the AVCCR project?