Box 1 - Delivering knowledge for impact

1. **Needs assessment.** IRRI staff define the research problem with local scientists and farmers. It is important at this stage to recognize problems, even symptoms of problems, and the needed interventions or research. This occurs at the national and field levels.

2. **Research.** The appropriate research activities are designed and conducted, after identifying knowledge gaps and solutions.

3. **Delivery.** Research information and technology are delivered, in collaboration with trainers and local knowledge experts. IRRI also derives feedback from the intended beneficiaries. The delivery mode combines content, process, and local knowledge. It involves the relevant stakeholders – content experts, process facilitators, and personnel experienced in the local system of knowledge.

4. **Evaluation.** IRRI seeks feedback, follows up with the project participants, and measures output, to determine the success of the initiative.