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Module-9

ITK's of Gajapati



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Collection, study and Implementation



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The process followed during documentation was as follows:

1. The ITK proforma consisting of general information of village, views and observations on soil and water conservation measures by applying homemade organic manures, in-situ moisture conservation practices, technical information on run-off management practices and Indigenous technical knowledge was developed.
2. The proforma for documenting ITKs in agriculture as a whole in its management was finalized duly after getting the feedback from participants. The documentation and analysis of ITKs, a proforma was developed.



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This proforma contains the following (i) Title (ii) Purpose of use (iii) Location/Zone, (iv) Description (v) Advantages (vi) Constraints with feasibility of adoption and (vii) Researchable issues. The researchable issues open up new vistas for furthering the technologies towards development of farmer-friendly doable technologies. This is just an honest beginning of a validation process wherein a few ITKs have already been documented in the limited time frame.



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Documented ITKs The ITKs were documented under following specific categories

- Agronomic Measures
 - Tillage
 - Bunding and Terracing (Mechanical and Vegetative barrier)
- Land Configuration
- Soil Amendment and Mulching
 - Erosion Control and Runoff Diversion Structures
 - Water Harvesting, Seepage Control and Ground Water Recharge



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Many ITKs on in-situ in agriculture are not adopted everywhere throughout the country because of constraints in adoption and unawareness of the effectiveness of such practices. The present documentation process has definite bearing on the future course of action in framing new projects. This short-term documentation project may lead to the following future activities:

- (i) Similar exercise can be undertaken to document the ITKs from all the Agroecological regions of the country.
- (ii) The potential ITKs may be tested for their suitability and adoption in other Agro-ecological regions as a dissemination strategy.
- (iii) The documented ITKs may be published/translated in all regional languages for the benefit of the farming communities.
- (iv) Validation of the ITKs is a logical step to qualify and quantify the effectiveness of these practices. Suitable modifications of the traditional practices through on-farm research would help in developing appropriate and acceptable technologies for different local environments.



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v. The effect of conservation measures on resource losses can be studied in detail through experimentation and use of stimulation model.

(vi) As a policy matter the local ITKs should be in built in the resource conservation programme.

Hence, the process of documentation, refinement and promotion of ITKs should form the basis for implementing natural resources in advancement of agriculture removing the regional disparities in the state.



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Thank you