FOR WORKING WITH ROOT, TUBER AND BANANA SEED SYSTEMS

The toolbox brings together proven methods and approaches that work to successfully diagnose, plan and develop and change vegetative seed systems. The entry points for using the tools can be visualized from the perspective of a SEED VALUE CHAIN (left) and the PROJECT CYCLE (right).

**SEED VALUE CHAIN**

- **1. Multi-stakeholder framework** links stakeholders (e.g., producers, seed trackers, extensionists, etc.) with seed system functions (availability of seed, access, and quality of seeds).
- **2. Impact network analysis (INA)** can be used to evaluate important features of seed systems like the potential spread of disease through the system.
- **3. Seed tracker** digitally links seed value chain actors, tracks seed production, and organizes information.
- **4. Integrated seed health approaches and models** provide a modeling framework for strategic deployment of a combination of key components: clean seed, disease-resistant varieties, and on-farm management.
- **5. Seed tracing** can be used to map seed flows in the seed system, especially to determine origin and use of seeds.
- **6. Small N exploratory case study** typically involves collecting data on what varieties farmers plant and why, and how they handle their seed.

**PROJECT CYCLE**

- **1. Multi-stakeholder framework**
- **2. Impact network analysis (INA)**
- **3. Seed tracker**
- **4. Integrated seed health approaches and models**
- **5. Seed tracing**
- **6. Small N exploratory case study**
- **7. Four-square method**
- **8. Means-end chain analysis**
- **9. Experimental auctions**
- **10. Seed regulatory framework analysis**
- **11. Sustainable early generation seed business tool (SEGSBAT)**
- **12. Glossary of root, tuber and banana seed systems**