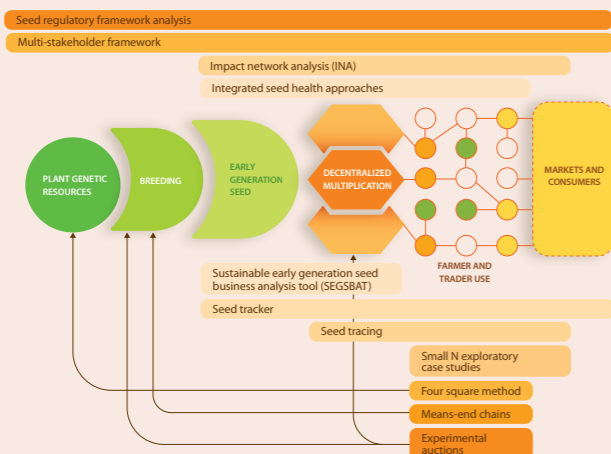


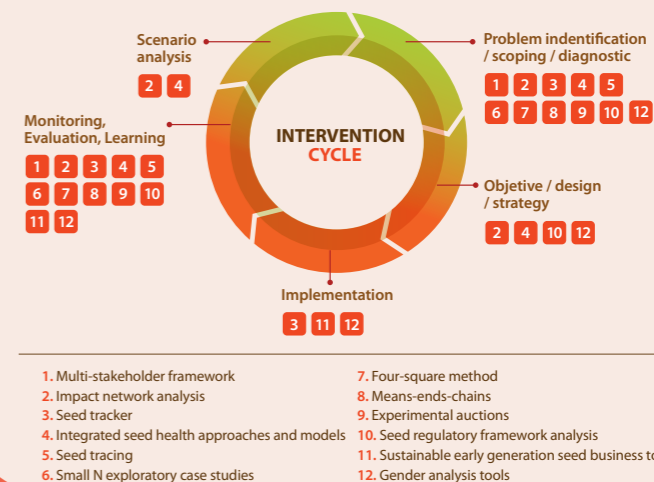
SEED VALUE CHAIN



FOR WORKING WITH ROOT, TUBER AND BANANA SEED SYSTEMS

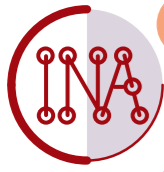
The toolbox brings together proven methods and approaches that work to successfully diagnose, plan and develop and change vegetative seed systems. The entry points for using the tools can be visualized from the perspective of a SEED VALUE CHAIN (left) and the PROJECT CYCLE (right).

PROJECT CYCLE



1

Multi-stakeholder framework
links stakeholders (seed producers, seed traders, extensionists, etc.) with seed system functions (availability of seed, access, and quality gives).



2

Impact network analysis (INA)
can be used to evaluating 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 strategical deployment of a combination three 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 as farmers multiply seed of these new varieties and diffuse them.



6

Small N exploratory case study
typically serves to collect data on what varieties farmers plant and why, and how they handle their seed.



7

Four-square method
can generate an inventory of varieties grown in a particular place and discuss their importance with farmers.



8

Means-end chain analysis
is more often used in consumer studies.



9

Experimental auctions
help to elicit a value for a person's real willingness to pay (WTP) and willingness to adopt (WTA).



10

Seed regulatory framework analysis
provides actionable evidence on policy and investment options to accelerate seed system and market development in countries where vegetatively propagated crops (VPCs) are important to food security and agricultural development.



11

Sustainable early generation seed business analysis tool (SEGSBAT) helps to analyze financial performance of early generation seed (EGS) businesses run by specialized seed producers, such as NARS and private companies.



12

Glossary of root, tuber and banana seed systems
allows experts from many different fields of biology, agronomy and social science to use share the definitions and meanings of concepts used in seed system R4D.

Alliance



RESEARCH PROGRAM ON
Roots, Tubers
and Bananas

