**NATIONAL SEED SYSTEM FOR RELEASED VARIETIES**

### Parties and Processes

1. **Research (NDRSS)**
   - Research identifies new varieties, selects best varieties and produces Breeder Seed which is then multiplied on research stations to produce Foundation Seed.

2. **MAF Seed Department (NDAH) & Contract Growers (CGs)**
   - NDAH identifies experienced CGs and contracts them to produce Certified Seed. NDAH conduct regular inspection of growers' fields during crop growth to remove off types. At harvest, NDAH procure only quality seed for processing (drying, cleaning and grading) and test in seed laboratory for moisture content, physical purity and germination before packaging and storing as Certified Seed.

3. **NDAH & Registered Commercial Seed Producers (CSPs)**
   - Registered Commercial Seed Producers (CSPs) request authorisation from NDAH to multiply Certified Seed to produce Commercial Seed. CSPs harvest, process and test their Commercial Seed for physical purity, germination and moisture content, which are recorded on a pink commercial seed label prior to packaging with their own unique brand and “truthful label”. CSP seed plots and seed can be spot checked by District Seed Officers or others from NDAH.

4. **Extension (NDACD) & NGOs**
   - MAF SEOs and NGO extension staff promote new varieties to farmer groups and train them in best practices for producing and storing Community Seed.

5. **Community Seed Production Groups (CSPGs)**
   - CSPGs plant Certified or Commercial Seed to produce Community Seed, which is securely stored for use by group members. CSPGs then share, barter or sell any remaining seed to other farming families.

### Results

- **Breeder Seed** → **Foundation Seed**
  - **Certified Seed (purple label)**
  - **Commercial Seed (pink label)**
  - **Community Seed (no label)**

- **Farmers**
  - Farmers increase their production of food crops through their use of quality seed of improved crop varieties:
    - Maize: Sele, Noi Mutin, Nai
    - Peanut: Utamua
    - Rice: Nakroma