



**Operational manual for child grain bank for the
production of complementary food**

Food science and nutrition program

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Operational manual for child grain bank for the production of complementary food

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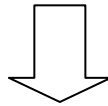
Operational manual for child grain bank for the production of complementary food

Introduction

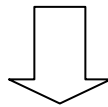
Malnutrition is a major health problem for infants and young children and particularly the situation is very significant in infants of 6-24 months. Although poverty is the main cause of malnutrition, inadequate food supply, inappropriate use of an already available food compounded with limited access to clean water and poor infant caring practices also contributes to child malnutrition. Thus, improvements to infant feeding practices through homemade preparation of complementary food are important intervention programs that reduce infant and child malnutrition. As complementary feeding starts at the age of six months with other food in addition to breast milk, mothers and child care takers must have adequate knowledge on the type and preparation of food to be given for this particular age of a child. The following model is proposed for piloting complementary food preparation and distribution.

Proposed Model of Complementary Food preparation:

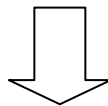
Woreda and kebele administration, NGO, PSNP, donors and
And stakeholders will provide raw materials and training modules.



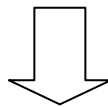
A child grain bank will be established to store grains and legumes donated



Complementary food will be produced by the women association/ voluntary community health
workers and or by the association of the two



Processed complementary food will be distributed to the sub-kebeles/got and women's
associations/cooperatives. Using the exchange system (2kg of raw material for 3kg of
complementary food) the complementary food is delivered to mothers and care takers.



Grain collected will go back to the grain bank. Woreda and kebele administration and health
extension workers will take the responsibility of the over all management of the grain bank.

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Objectives of operation manual

The main objective of this operational manual is to establish and administer child grain bank for complementary food production and distribution to mothers and child care takers.

Establishment of child grain bank

1. For this pilot project the grain bank will be established in suitable rural and urban centers of Oromia, Amhara, SNNPR and Tigray.
2. The site of grain bank will be situated in close proximity to the complementary food preparation center.
3. The grain bank should approximately be 4 m X 5m size room. Floors of the storage room must be smooth and shelves made from wood 50 cm above the floor and which can hold grains and legumes in Plastic bottles/or barrels of capacity approximately 100 kg.
4. Small scale balance of capacity up to 50 kg or less (eg Salter scale) should be available for the measurement and control of incoming and outgoing grains from the store.
5. Standard format must be used and verified by higher authority of for receiving and dispatching items from the store.
6. Security guards must be available to ensure keeping the property of the child grain bank during the whole operation period of the project on top of assisting the daily activities.

Contributors for the child grain bank

1. Initially the grain bank will be supported for the amount of grains, legumes and other necessary items to start up operation by FAO and UNICEF.
2. Stake holders such as woreda and kebele administration and volunteers can be approached to assist the child grain bank.

Roles of stakeholders

A. Role of Regional Universities

1. Communicate with appropriate Kebele and Woreda representatives and select suitable locations for the grain bank
2. Follow up the construction of the store as per standards
3. Organize and initiate donors who will be willing to contribute for the bank
4. Follow up and organize the purchase of grains and other appropriate materials (balances, packaging materials etc)

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5. Establish a system for:
 - receiving and storage of grains, legumes and other items donated/ by using standard receiving form.
 - releasing the raw material to the processing and production unit using appropriate item releasing form.
 - delivering processed complementary food to mothers when requested.
6. Follow up and assist the overall activity of the project.

B. Role of Woreda and Kebele Administration

1. Select suitable locations for the grain bank with the regional universities
2. Follow up the construction of the store as per standards
3. Organize and initiate donors who will be willing to contribute for the bank
4. Follow up and organize the purchase of grains and other appropriate materials (balances, packaging materials etc)
5. Assist in the transportation of all items required for the grain bank
6. Organize women group and all concerned actors and assist
7. Assist on a smooth financial flow
8. Follow up and assist the overall activity of the project.

C. Role of Producers of complementary food

1. Participate in the establishment of the grain bank
2. Participate in the purchase, transportation and storage of grain and other items
3. Obtain materials from the grain bank using standard format
4. Produce complementary food following instructions given by Universities
5. Distribute complementary foods following instructions given by Universities
6. Accomplish and assist the overall activity of the project and the grain bank including administering and managing the grain bank

Formats in the child grain bank

The following formats will be used to ensure the proper receiving and dispatch of materials from the child grain bank.

