



Promotion of Super Kawomera (Bean Composite instant porridge flour) and Precooked (dehydrated) fast cooking beans

BY

**BEANS TEAM
MAY 16, 2023**



OVERALL ACTIVITY GOAL

This activity seeks to promote the use and commercialization of improved crop varieties and livestock technologies with yield and nutritional enhancing characteristics.

SPECIFIC ACTIVITY OBJECTIVES

- ❖ **Advance release of high yielding, nutritionally enhanced bean varieties with multiple stress tolerance for increased production, productivity and food security**
- ❖ **Strengthen seed systems for commercial production and delivery of quality bean seeds through youth and women groups**
- ❖ **Enhance local use of pre and postharvest handling drudgery reducing technologies to meet supply of quality beans for processing and sell to local and regional markets**
- ❖ **Facilitate product and market development activities for enhancing consumption of biofortified bean varieties and products and commercialization of research technologies**



Partnerships

OBJECTIVE OF THE PARTNERSHIP	ROLES	STATUS	EXPECTED OUTPUT	ACTUAL OUTPUT	COMMENT (Expected Vs. Actual)
SAWA Agricultural Development company limited, SADCL					
Develop a dehydrated Precooked bean proto-type	<ul style="list-style-type: none"> ✓ Buy grain from farmers ✓ Develop prototype ✓ Conduct consumer acceptance studies ✓ Document feedback ✓ Lead in product certification 	<p>On-going</p> <p>Porotype produced</p> <p>Production line certified</p>	Final certified product	<p>Precooked bean prototype development</p> <p>Production line certified</p>	On schedule

Precooked bean prototype by SAWA





Partnerships cont...

OBJECTIVE OF THE PARTNERSHIP	ROLES	STATUS	EXPECTED OUTPUT	ACTUAL OUTPUT	COMMENT (Expected Vs. Actual)
------------------------------	-------	--------	-----------------	---------------	----------------------------------

NUTREAL Limited

Commercialize Super kawomera	Mass production, promotion and sale of Super kawomera	Licensing agreement under development	Loyalty paid to NARO	None	Initial sensitization/popularization activities undertaken in some project areas.
------------------------------	-------------------------------------------------------	---------------------------------------	----------------------	------	-----------------------------------------------------------------------------------

Nutreal -Superkawomera Popularization



Superkawomera ready for the market



BCC and nutrition sensitization an Koro health Center in Yumbe-Bidibidi

Nutreal -Superkawomera Popularization



Training mother on how to make instant nutritious porridge



Mother giving their children super kawomera nutritious porridge at Koro health Center in Yumbe-Bidibidi



Children receiving free sachets of super kawomera nutritious porridge for later use



Partnerships cont...

OBJECTIVE OF THE PARTNERSHIP	ROLES	STATUS	EXPECTED OUTPUT	ACTUAL OUTPUT	COMMENT (Expected Vs. Actual)
------------------------------	-------	--------	-----------------	---------------	-------------------------------

NARO, CIAT, IAM, ICAN, CARE International

Improve production and consumption of IRB/HIB	<ul style="list-style-type: none">Promote bean; production consumption	On-going	IRB adoption, production/productivity and consumption/marketing	Demos established and superkawomera promoted	None
-----------------------------------------------	--------------------------------------------------------------------------------------	----------	-----------------------------------------------------------------	----------------------------------------------	------



Partnerships cont...

OBJECTIVE OF THE PARTNERSHIP	ROLES	STATUS	EXPECTED OUTPUT	ACTUAL OUTPUT	COMMENT (Expected Vs. Actual)
Office of the Prime Minister, OPM					
Reduce on aneamia prevalence in refugee areas and Karamoja subregion	<ul style="list-style-type: none"> ✓ Partner coordination ✓ Conduct studies ✓ Promotion of production and consumption of IRB 	On-going	Aneamia levels managed from 44.3% for children, 37% WRA using Super kawomera and IRB	Formalizing of Nutreal-NARO partnership EYOK MARET campaign	None
District Local Government- Extension Services					
Produce bean grain for processing	<ul style="list-style-type: none"> ✓ Day to day management ✓ Advisory services to farmers 	On-going	Quality grain produced in desired quantities	Harvest on going	None

IAM, ICAN, CARE International activities



Demo in Karamoja



Early generation model engagement thru' School



**Partnership capacity building of ICAN staff
in Kotido**



Achievement against planned activities

PLANNED ACTIVITY	TARGET	ANNUAL ACTUAL ACHIEVEMENT	EXPLANATION FOR VARIANCE (Target Vs. Achieved)
IR 1: Improved farm enterprise productivity and household adaptation & recovery from shocks and stresses;			
Number of individuals participating in FS	1200 female, male and youth	1059: F608; M451	Delayed offtake by processor
Technology Development 1.1 Increased availability of crop and animal technologies in response to social and market demands			
Under research		382	32 Genotypes were under PASTA
Field testing		833	
Made available		1	Pre cooked
Demonstrated for uptake		1	Superkawomera
Number of children under five (0-59 months) reached with nutrition-specific interventions	500	247: F143:M104	Limited funds



Achievement against planned activities

PLANNED ACTIVITY	TARGET	ANNUAL ACTUAL ACHIEVEMENT	EXPLANATION FOR VARIANCE (Target Vs. Achieved)
1.2 Increased use of recommended crop and animal technologies by target communities (Technology Dissemination and Promotion (awareness creation))			
Number of individuals in the agriculture system who have applied improved mgt practices	1200	1059 individuals have at least applied a technology (F608:M451)	141 which was tactical



Achievement against planned activities

PLANNED ACTIVITY	TARGET	ANNUAL ACTUAL ACHIEVEMENT	EXPLANATION FOR VARIANCE (Target Vs. Achieved)
2.1: Increased awareness of developed technologies /products and relation among stake holders			
communication materials developed and disseminated Contributed to EYOK MARET		265 copies of the bean production guide distributed (Mayuge, Karamoja, Yumbe and Isingiro)	
Promotional activities on TV and Radio	10	2 Radio talk shows on (CBS and Karamoja) 2 TV-BBS	Limited funds
BCC interventions that promote essential infant and young child feeding for breast feeding mothers and children 6 to 24 months		476 were directly reached as shown below	BCC with mothers, VHT/MYCAN mothers, district leaders, ICAN/CARE,OPM, Healthy workers, Nutritionist and IRC

At the Karamoja cultural gala





Breakdown of BCC interventions actors that promote essential infant feeding reached

District	Children 6-59months		Caregivers		Health workers
	Female	Male	Female	Male	
Yumbe (Host Community)	50	39	30	11	3
Yumbe (Refugees)	24	23	46	5	35
Mayuge	59	26	33	17	3
Isingiro	16	25	19	3	0
Kaboong					9
Kotido					0
Total	149	113	128	36	50

BCC interventions actors that promote essential infant feeding



On the left Prof. Nakimbgwe of Nutreal share on superkawomera with partners in Bidibidi settlement camp
On the right, the beans team implementing BCC with refugees at Bangatuti health centre III in Yumbe

Achievement against planned activities

PLANNED ACTIVITY	TARGET	ANNUAL ACTUAL ACHIEVEMENT	EXPLANATION FOR VARIANCE (Target Vs. Achieved)
2.2: Increased private sector participation commercialization of products			
Private sector players supported to scale up commercialization of Super Kawomera and Precooked beans	2 (CEDO and Nutreal)	Two private firms namely SAWA and Nutreal	None
3. 1: Enhanced NARO Capacity for Research & commercialization of released technologies			
PhD student trained in Plant breeding	1		
MA student trained in Gender	1	One and submitted dissertation for examination	
Benchmarking visit to Ethiopia	1	Accomplished	



Progress on commercialization of research outputs cont...

SAWA Agricultural Development Company Limited (SADCL)

❖ Produced the first prototype with the following key attributes

- ☐ Colour retention, whole grain

However

- ☐ Were wrinckled and lost the desired 15-20minutes

❖ Modifications are being made to rectify these anomalies

❖ We expect the product for wide market testing by March, 2023



Progress on commercialization of research

Super Kawomera

- ❖ **Super Kawomera was developed in collaboration with Nutreal Uganda Limited**
- ❖ **It's a composite nutritious porridge designed to combat aneamia**
- ❖ **Original focus was for BoP**
- ❖ **The product is already certified by UNBS We have been undertaking promotion of the product**
- ❖ **We are drafting a commercialization agreement with Nutreal**

How Gender was Integrated in Activities

Reach Strategies	Number of men	Number of women	Number of youth	Total
Name the strategies or interventions used to reach men, women and youth				
1.Training	349	280	69	629
2.Deliberate recruitment	451	608	330	1059



How Gender was Integrated in Activities Cont'd

Benefit Strategies

Name the strategies or interventions intended to benefit the different gender categories men, women and youth

How these interventions benefitted the different gender categories (i.e. in terms of access to seed, access to production resources, access to commercialized products, information, etc.)

1.E-payment

The proceeds go to the crop owner

2.Seed Credit Model (SCM)

Eases accessibility of seed

3. Drudgery reducing

Ease of field operations

KEY ACHIEVEMENT

- ❖ **Colour retention in precooked bean prototype development**
- ❖ **Acceptability of Superkawomera by the key actors (consumers, health practitioners, members of parliament and development partners)**
- ❖ **Bringing on board of parliamentarian to promote the iron rich beans in Karamoja**
- ❖ **The establishment of gender based influencers of precooked bean acceptability in the urban areas**
- ❖ **Established 48 demonstrations on GAP**
- ❖ **Trained 349 members (69 male, 280 female) belonging to ten (10) farmer groups in Isingiro (4) and Mayuge (10) districts GAPs and BCC approaches**



Acknowledgment



Alliance



Local
Government
and **FARMERS**

Thanks for listening

