



KNOWLEDGE
TRANSFER

UGANDA - Q1

QUARTERLY REPORT

2023 (January - March)



Dry Season





Section 1

NEWS & HIGHLIGHTS



KNOWLEDGE TRANSFER

We participated in the 3-day Harvest Money Expo, the biggest annual agricultural exhibition event in the country, which was organized by New Vision in partnership with the Netherlands Embassy and other partners under the theme “Farming as a business and value addition.”

During this reporting period, we trained 21 (19 male and 2 female) volunteer Community Based Trainers on intensive vegetable farming practices.

We conducted and concluded training of agro-input dealers on the best vegetable farming practices, crop protection, and safe use of agrochemicals. The purpose of this training was to boost their technical capacity expertise in vegetable production knowledge, which they will then extend to their client farmers who seek agro-input services. The trained agro-input dealers interacted with 765 (680 male and 85 female) different vegetable farmers, to whom they offered technical advice on vegetable production.



DIGITAL & OTHER

During this reporting period, we were actively engaged in different media platforms, including conducting 6 radio programs: 2 in the West Nile region, 2 in the Northern region, and 1 each in the Eastern and Central regions. In all, these programs reached out to over 1.6 million listeners and had 30 callers.

The impact of our work was covered by 3 national media outlets: New Vision (newspaper), Daily Monitor (newspaper), and Uganda Broadcasting Corporation (television).

We created more project impact and awareness campaigns and technical trainings on our social media platforms, primarily Facebook, on which we made 89 posts that reached 2,079 people.



DEMONSTRATION PLOTS

During the reporting period, we established 45 kitchen garden demonstration plots, which served as hubs of knowledge and seedling production for 621 other household kitchen gardens in refugee settlement areas. The main intention of establishing these kitchen gardens is to use them to train and equip the settlement community farmers with sustainable knowledge and skills on production and consumption of fresh vegetables at the household level.

We conducted farmer reflection meetings in all our project implementation areas, with the goal of getting farmers’ feedback and evaluation of the services we delivered to them so that we can determine how best to improve our services for the benefit of the entire vegetable sector.



HIGHLIGHT IMAGES



Community Based Trainers at a practical field training.



During the Harvest Money Expo event.



During a radio talk show in Tororo district.



Stakeholder engagement meeting during the West Nile Learning Farm Field Day.


Section 2

DEMONSTRATION PLOTS

Distribution of Crops

Table 1: Demonstration plots managed by key farmers in this quarter.

Sr. No.	Vegetable Crop	No. of Demos	Crop Variety	No. of Demos per Variety	Avg. Land Size (sq. m.)
1	Pumpkin	48	Arjuna F1	48	250
2	Watermelon	6	Almasi	6	250
3	Cabbage	3	Indica F1	3	250
4	Tomato	2	Padma F1	2	250
	Total	59		59	

Table 1 Notes

59 demos of 4 crops were showcased in the first quarter, with an average 250-square-metre plot size.

Demos Associated with Projects

Table 2: Details of major projects during this quarter. Plots <80 square metres are considered home gardens. Plots >80 square metres are considered semi-commercial.

Project Name	Project Area	Average Land Size (sq. m.)	No. of Demos		
			Ongoing	Completed	Terminated
Pumpkin Project	Central, Northern & Eastern	250	48	0	0
AGFUND	West Nile	250	11	0	0
	Total		59	0	0

Table 2 Notes

In Quarter 1, we had demos associated with two projects: the Pumpkin Project, which has 48 demos that are ongoing, and the AGFUND project (Improving Food Security and Incomes and Reducing Chronic Malnutrition in Rhino Refugee Settlement and Host Communities in West Nile, Uganda), which has 11 demos ongoing. There were no completed demos in this quarter.

Demo Profits and Productivity

Table 3: Average demo costs and profits. All results are calculated per 250 square metres.

Crop (Variety)	No. of Demos	No. of Plants	Costs (US\$)	Returns (US\$)	Profits (US\$)	Productivity per Plant (kg)	EWS Reference	
							Productivity per Plant (kg)	Plant Population
Pumpkin (Arjuna F1)	96	86	84,643	469,779	385,135	7.50	15 - 20	61
Watermelon (Almasi)	2	111	142,450	857,200	714,750	12.30	4 - 5	182
Cabbage (Indica)	1	640	183,000	1,021,900	838,900	2.90	1.8 - 2.5	667

Table 3 Notes

There were 99 completed demos of 3 crops that were started in the previous quarter (Quarter 3 of 2022). Cabbage and watermelon were the most profitable crops among the harvested demo plots; however, because of the low number of records for these crops, these results should be viewed with caution.



Section 2 IMAGES OF DEMO PLOTS



Tomato demo.



Okra demo.



Pumpkin demo in Mityana district.



Cabbage demo.



Onion demo.



Watermelon demo in West Nile.



Section 3

FARMER TRAINING

Training Sessions

Table 4: Number of farmers trained by region in this quarter.

Project	Demonstration Location		No. of Trainings	Total Farmers	Male	Female	Youth %
	District	Village Tract					
Pumpkin Project	Alebtong	Apala	15	150	62	88	90%
	Kole	Bala Town Council	7	129	61	68	90%
	Lira	Lira City East	8	149	77	72	85%
	Mityana	Maanyi	29	404	196	208	80%
	Tororo	Morukatipe	28	417	196	221	90%
AGFUND	Terego	Odupi	302	2,571	1,130	1,441	95%
TOTAL			389	3,820	1,722	2,098	92%

Table 4 Notes

We conducted 389 trainings across the projects on the following topics: planning on vegetable production and crop selection, seedling production and management, bed preparation, mulching and transplanting, pest and disease management and proper use of pesticides, and fertilization.

Other Value Chain Highlights

We held trainings for 102 participants on seedling production, fertilization, and soil and water conservation to stakeholders, students, agro-input dealers, and institutions. We also had 84 participants enroll in EWS-KT on-line training programs on vegetable production.





Section 3 FARMER TRAINING

Field Days

Table 5-1: Field Day location and attendance.

Project	Demonstration Location		No. of Field Days	Total Farmers	Male	Female	Youth %
	District	Village Tract					
Pumpkin Project	Kole	Bala Town Council	5	56	23	33	90%
	Kwania	Inomo Subcounty	1	12	6	6	95%
	Lira	Lira City East	5	68	32	36	90%
	Mbale	Nakaloke	12	311	128	183	85%
	Mityana	Maanyi	12	632	271	361	80%
	Tororo	Morukatipe	2	85	35	50	90%
AGFUND	Arua	Omugo	41	802	440	362	95%
	Terego	Odupi	18	302	189	113	90%
Total			96	2,268	1,124	1,144	89%

Third-Party Trainings

Table 5-2: Trainings provided by a third party trained by EWS-KT field staff. Third-party trainers can range from key farmers to agro-input dealers to government officials.

Third-Party Trainer	Party Trained	Modules or Activity	Total People Trained	Male	Female	Youth %
Agro-Input Dealers	Farmers	Advice on vegetable production	765	680	85	95%
Total			765	680	85	95%

Training of Trainers

Table 5-3: Distribution of stakeholders who are trained as trainers by EWS-KT (including certification programs by EWS-KT and WUR).

Project	Location	Extension Party Trained	Modules or Activity	Total People Trained	Male	Female	Youth %
AGFUND	West Nile	Agro-Input Dealers	Crop Advisor Trainer	32	27	5	80%
			Agrobusiness	27	20	7	90%
			Vegetable Production Beginner	25	4	19	95%
			Crop protection, safe use of agro chemicals	25	19	6	100%
AGFUND	West Nile	Community Based Trainers	Seedling production	21	19	2	85%
Pumpkin Project	Tororo	Caritas	Seedling production, soil and water conservation, fertilization	22	17	5	90%
Total				152	106	44	

Training of Other Stakeholders

Table 5-4: Distribution of additional stakeholders trained by EWS-KT.

Project	Location	Party Trained	Modules or Activity	Total People Trained	Male	Female	Youth %
Pumpkin Project	Tororo	St. Benedict Secondary School Students	Seedling production	34	23	11	100%
Total				34	23	11	100%



Section 5

DIGITAL MEDIA

Digital Platform Members or Followers

Table 6: Number of members/followers at the end of each quarter.

	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Country Facebook Group (Members)	8,491			
WhatsApp Group (Members)	193			

Country Facebook Content and Engagement

Table 7: Content creation and indicators of viewer engagement.

Posts Created	Total Views	Comments	Reactions
89	21,932	241	2,079

Digital Outreach

Table 8-1: Number of digital platform users, viewers, or views.

Digital Platform	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Country Facebook Group (Viewers)	22,002			
EWS-KT YouTube (Views)	1,203			
EWS-KT GrowHow (Users)	205			

Non-Digital Indirect Outreach

Table 8-2: Outreach through printed guides, radio, and other non-digital means.

Type of Outreach	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Guides Distribution (Sheets)	1,200			
Radio (Est. Listeners)	1,600,000			
Radio (Callers)	30			

Top 3 Facebook Posts

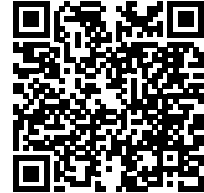
Facebook posts with the most engagement.



Pruning tomatoes

Reach
895
Comments
12
Shares
1
Likes
19

Reactions
0



VIEW POST



Importance of farmer Field Days

Reach
387
Comments
10
Shares
1
Likes
15

Reactions
1



VIEW POST



Seedling producers selling tomatoes

Reach
876
Comments
9
Shares
0
Likes
17

Reactions
2



VIEW POST



Section 6

Fresh Vegetable Market Prices

Table 9: Market prices during this quarter. Aggregated retail prices from Lira main market, Tororo market, Mityana market, Omugo refugee market, Imvepi market, Kubala market, and Okptani market. No data was collected during the first 3 weeks of the year.

Crop	Market Prices from January to March 2023 (Average Price per Kilo)											
	W1- JAN	W2-JAN	W3-JAN	W4-JAN	W5-FEB	W6-FEB	W7-FEB	W8-FEB	W9-MAR	W10-MAR	W11-MAR	W12-MAR
Onion				3,200	3,300	3,500	3,700	3,500	3,700	4,000	3,500	3,500
Eggplant				2,000	2,100	1,900	2,000	1,800	2,000	2,000	2,000	2,000
Tomato				4,200	4,700	4,400	4,100	4,000	4,100	4,000	4,000	3,500
Carrot				4,600	4,700	4,600	4,400	4,500	4,400	4,700	4,800	5,000
Green Pepper				6,000	5,250	5,300	5,500	5,500	5,700	5,800	6,000	6,000
Watermelon				8,000	9,100	9,200	9,400	10,000	9,700	9,800	9,500	8,500
Cabbage				1,850	2,100	2,000	1,900	1,900	1,800	1,600	1,700	2,000
Pumpkin				5,500	8,000	7,500	8,000	8,300	8,000	8,000	8,000	7,800