



EAST-WEST SEED  
FOUNDATION

KNOWLEDGE  
TRANSFER

NIGERIA - Q4

# QUARTERLY REPORT

2023 (October - December)



Dry Season



## Section 1

# NEWS & HIGHLIGHTS



## KNOWLEDGE TRANSFER

- Graduation ceremony of agro-input dealers trained by HortiNigeria (Component 1)
- Visit by a delegation of EU ambassadors to the HortiNigeria learning site at Sa'adatu Rimi University of Education in Kano state
- New HortiNigeria key farmers' inception meeting at the learning site at Sa'adatu Rimi University of Education in Kano state



## DEMONSTRATION PLOTS

EWS-KT Nigeria continued to provide farmers with training in improved agricultural techniques and knowledge, as well as agricultural business management, under the HortiNigeria and Transforming Nigeria's Vegetable Market projects.

HortiNigeria (2021-2025), funded by the Embassy of the Kingdom of the Netherlands in Nigeria, is implemented through a consortium led by IFDC that includes EWS-KT, Wageningen University & Research, and KIT Royal Tropical Institute.

Transforming Nigeria's Vegetable Market (2019-2024), funded by SDG Partnership Facility (SDGP), is implemented by EWS-KT in partnership with the Ministry of Agriculture & Forestry Kaduna State; Ahmadu Bello University; Wageningen University & Research; and Solidaridad Network West Africa.



## HIGHLIGHT IMAGES



The Her HortiVantage competition consisted of 21 women's groups that participated in a competition where they presented diverse business proposals encompassing seedling production, neem oil production, and crop cultivation.



A farmers' Field Day for sweet corn (Sugar King F1) was organized by EWS-KT field staff in Garko Local Government Area (LGA), Kano.



EWS-KT field staff held a practical training on rainy-season bed preparation in Tofa LGA, Kano.



EWS-KT Technical Field Officer Margret Rekwot supported key farmers on monitoring insect pests in their onion field in Sabon Gari LGA, Kaduna.





# DEMONSTRATION PLOTS

## Distribution of Crops

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

Vegetable Crop	No. of Demos	Crop Variety	No. of Demos per Variety	Average Land Size (sq. m.)
Onion	103	Prema F1	91	250
		Dayo	6	250
		Super Yali	6	250
Tomato	77	Diva F1	35	245
		Platinum F1	24	250
		Padma F1	18	250
Cabbage	56	Pkase	44	250
		Kifaru F1	8	250
		Nuzaka F1	4	250
Sweet Corn	33	Sugar King F1	32	250
		Golden Sweet F1	1	250
Okra	17	Maha	16	250
		Basanti	1	250
Watermelon	11	Sweet Sangria F1	11	250
Cucumber	9	Greengo F1	5	250
		Mona Lisa F1	4	250
Sweet Pepper	1	Kaveri F1	1	250
<b>Total</b>	<b>307</b>		<b>307</b>	

### Table 1 Notes

Based on previous market survey results, we saw that onions are generally scarce toward the end of the year, and the price skyrockets. Due to low onion production in the rainy season, there is only a small quantity of onions in the market by this time of year, and they are onions that were harvested the previous February–March during dry-season production and then stored. That is one of the reasons why onion has the highest number of demos this quarter.





## Section 2 DEMONSTRATION PLOTS

### Demos Associated with Projects

Table 2: Details of major projects during this quarter.

Project Name	Project Area	Average Land Size (sq. m.)	No. of Demos		
			Ongoing	Completed	Terminated
Transforming Nigeria's Vegetable Market	Dawakin Kudu	250	7	0	0
	Dawakin Tofa	250	6	0	0
	Garko	250	4	0	0
	Kubau	250	13	0	0
	Kudan	250	6	0	0
	Makarfi	250	16	0	0
	Minjibir	250	18	0	0
	Rimin Gado	250	8	0	0
	Sabon Gari	250	4	1	0
	Soba	250	13	0	0
	Tofa	250	12	0	0
	Zaria	250	14	0	0
	Bichi	250	4	0	0
	Dawakin Kudu	250	12	0	0
HortiNigeria	Dawakin Tofa	250	3	1	0
	Garko	250	17	0	0
	Ikara	250	10	0	0
	Kubau	250	17	0	0
	Kudan	250	15	0	0
	Kumbotso	250	6	0	0
	Makarfi	250	8	0	0
	Minjibir	250	29	0	0
	Rimin Gado	250	7	0	0
	Sabon Gari	250	14	0	0
	Soba	250	15	0	0
	Tofa	250	11	0	0
Zaria	250	16	0	0	
<b>Total</b>			<b>305</b>	<b>2</b>	<b>0</b>

### Table 2 Notes

This quarter marked the beginning of the dry-season demos, so most of the demos are ongoing.



## Section 2 IMAGES OF DEMO PLOTS



Supporting the key farmer on how to identify insect pests at a dry-season cabbage (Nuzaka F1) demo plot.



A farmers' Field Day for sweet corn (Sugar King F1) was organized by EWS-KT field staff in Garko Local Government Area (LGA), Kano.



Onion Field Day in Kudan LGA, Kaduna.



Inspection of tomato improved ground nursery, managed by a Community Field Facilitator in Ikara LGA, Kaduna.



Training on costs and returns in Sabon Gari LGA, Kaduna.



Harvesting cucumber after the training in the previous photo.



### Section 3

# FARMER TRAINING

12,210 farmers were trained by the EWS-KT field staff in various communities under the Transforming Nigeria's Vegetable Market and HortiNigeria projects.

## 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					
Transforming Nigeria's Vegetable Market	Dawakin Kudu	Dawakin Kudu	8	66	66	0	55%
	Dawakin Tofa	Dawakin Tofa	3	377	203	174	69%
	Garko	Garko A	4	283	142	141	48%
	Kubau	Kubau	11	297	223	74	49%
	Kudan	Hunkuyi	9	898	433	465	76%
	Makarfi	Makarfi	5	230	62	168	70%
	Minjibir	Minjibir	16	817	582	235	55%
	Rimin Gado	Rimin Gado	5	451	205	246	79%
	Sabon Gari	Sabon Gari	1	1	1	0	100%
	Soba	Soba	8	372	207	165	69%
	Tofa	Tofa	13	617	404	213	86%
	Zaria	Zaria	10	217	89	128	92%
	HortiNigeria	Bichi	Bichi	9	557	278	279
Dawakin Kudu		Dawakin Kudu	8	319	195	124	67%
Dawakin Tofa		Dawakin Tofa	3	297	185	112	69%
Garko		Garko A	3	141	45	96	67%
		Garko B	7	495	208	287	51%
Ikara		Ikara A	9	523	295	228	82%
Kubau		Kubau	12	571	198	373	78%
Kudan		Hunkuyi	18	745	328	417	62%
Kumbotso		Kumbotso	4	388	201	187	82%
Makarfi		Makarfi	16	462	235	227	65%
Minjibir		Minjibir	4	270	100	170	74%
		Minjibir B	4	122	69	53	72%
Rimin Gado		Rimin Gado	12	618	398	220	61%
Sabon Gari		Sabon Gari	4	191	140	51	66%
Soba		Soba	10	602	378	224	73%
Tofa		Tofa	8	834	373	461	96%
Zaria	Zaria	13	449	222	227	61%	
<b>Total</b>			<b>237</b>	<b>12,210</b>	<b>6,465</b>	<b>5,745</b>	<b>71%</b>



## Field Days

Table 5-1: Field Day location and attendance.

Project Name	Demonstration Location		No. of Field Days	Total Farmers	Male	Female	Youth %
	District	Village Tract					
Transforming Nigeria's Vegetable Market	Dawakin Kudu	Dawakin Kudu	6	114	41	73	75%
	Dawakin Tofa	Dawakin Tofa	2	169	89	80	69%
	Kubau	Kubau	5	141	81	60	55%
	Hunkuyi	Hunkuyi	4	339	152	187	75%
	Makarfi	Makarfi	3	166	36	130	81%
	Minjibir	Minjibir	7	309	244	65	57%
	Rimin Gado	Rimin Gado	4	245	108	137	91%
	Sabon Gari	Sabon Gari	1	2	1	1	100%
	Soba	Soba	2	98	58	40	73%
	Tofa	Tofa	3	140	92	48	84%
	Zaria	Zaria	2	55	32	23	85%
HortiNigeria	Bichi	Bichi	9	558	279	279	51%
	Dawakin Kudu	Dawakin Kudu	2	48	48	0	81%
	Dawakin Tofa	Dawakin Tofa	3	110	84	26	65%
	Garko	Garko A	3	141	45	96	69%
		Garko B	3	118	21	97	58%
	Ikara	Ikara A	3	112	67	45	65%
	Kubau	Kubau	3	105	41	64	65%
	Kudan	Hunkuyi	5	242	94	148	81%
	Kumbotso	Kumbotso	4	197	128	69	63%
	Makarfi	Makarfi	3	73	46	27	73%
	Minjibir	Minjibir	3	290	123	167	72%
		Minjibir B	3	107	54	53	64%
	Rimin Gado	Rimin Gado	4	116	71	45	70%
	Soba	Soba	4	209	162	47	96%
	Tofa	Tofa	5	628	272	356	84%
	Zaria	Zaria	2	85	34	51	67%
<b>Total</b>			<b>98</b>	<b>4,917</b>	<b>2,503</b>	<b>2,414</b>	<b>72%</b>

## Third-Party Trainings

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

Project	Third-Party Trainer	Party Trained	Modules or Activity	Total People Trained	Male	Female	Youth %
Transforming Nigeria's Vegetable Market	Subject Matter Specialists (Government Extension Agents)	Farmers	GAP	3,472	2,247	1,225	51%
<b>Total</b>				<b>3,472</b>	<b>2,247</b>	<b>1,225</b>	<b>51%</b>

## Training of Other Stakeholders

Table 5-4: Distribution of additional stakeholders trained by EWS-KT. This includes online certification programs by EWS-KT.

Project	Location	Third-Party Trainer	Modules or Activity	Total People Trained	Male	Female
EWS-KT	Online	GVP Programs	Crop Advisor Trainer (CAT) certification and Vegetable Production Beginner (VPB) certification	332	226	106
<b>Total</b>				<b>332</b>	<b>226</b>	<b>106</b>

## Advice at Agro-Input Dealer Shops

Table 5-5: Advice provided at agro-input dealer shops by EWS-KT Technical Field Officers (TFOs) or supervised agro-input dealers.

Project	Trainer	Party Trained	Modules or Activity	Total People Trained	Male	Female	Youth %
Transforming Nigeria's Vegetable Market and HortiNigeria	Agro-Input Dealers	Farmers	GAP	22,708	20,490	2,218	56%
<b>Total</b>				<b>22,708</b>	<b>20,490</b>	<b>2,218</b>	<b>56%</b>

## Other Value Chain Highlights

- The EWS-KT team met with market leaders and traders in the Karfi vegetable market, where EWS-KT Technical Field Officers collect weekly market information, to encourage our working relationship for better understanding. Previous market analysis results were presented by the M&E and Data Analyst to show how the price fluctuates within the year and how farmers can use this data to make informed decisions about their production and about bringing their harvest to the market.
- We continued to inaugurate new Community Field Trainers as part of our exit strategy under the Transforming Nigeria's Vegetable Market project to ensure that the use of improved techniques adopted for vegetable production is sustained.
- We worked with the other members of the HortiNigeria consortium at the 2024 annual workplan and budget workshop, hold in Abekuta, Nigeria.
- We continued to visit trained agro-input dealers and monitor their record books, where they record the farmers to whom they have given advice.





## Section 4

# 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
EWS-KT Main Facebook Page (Followers)	-	4,018	4,865	5,025
Country Facebook Group (Members)	26,524	28,537	40,680	61,688
WhatsApp Group (Members)	1,416	2,105	1,352	1,588
Messenger Group (Members)	155	146	298	554
Telegram Group (Members)	167	174	171	158

## Country Facebook Content and Engagement

Table 7: Content creation and indicators of viewer engagement.

Posts Created	Total Views	Comments	Reactions
2,381	812,236	67,563	290,193

## 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)	162,906	259,643	392,182	812,236
EWS-KT YouTube (Views)	4,872	4,549	7,375	7,666
EWS-KT GrowHow (Users)	1,125	1,002	1,247	1,313

## 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
Radio (Callers)	-	564	406	427
Guides Distributed (Guides)	10,423	7,534	10,774	9,313



## Top 3 Facebook Posts

Facebook posts with the most engagement.



A joyful day in the lives of HortiNigeria farmers

**Reach**  
4.9k  
**Comments**  
28  
**Shares**  
3  
**Likes**  
152

**Reactions**  
11



VIEW POST



Results from end-of-year farm competition

**Reach**  
6.6k  
**Comments**  
98  
**Shares**  
8  
**Likes**  
150

**Reactions**  
20



VIEW POST



Practical and theoretical training session with smallholder farmers

**Reach**  
7.3k  
**Comments**  
117  
**Shares**  
4  
**Likes**  
252

**Reactions**  
8



VIEW POST

## Fresh Vegetable Market Prices

Table 9: Retail vegetable prices during the quarter. This data was collected on a weekly basis from various vegetable markets in Kano and Kaduna by the field staff. Examples include Makarfi, Dutsen Wai, and Hunkuyi markets in Kaduna and Badume, Darki, and Karfi markets in Kano.

Crop	Vegetable Price Fluctuation, October to December 2023 (average price per kilo, in NGN)											
	W37	W38	W39	W40	W41	W42	W43	W44	W45	W46	W47	W48
Cucumber	9,792	9,000	10,688	12,042	11,500	10,050	12,050	11,563	11,250	-	-	-
Chili Pepper	36,071	30,438	31,535	33,528	33,493	32,875	34,141	32,910	35,950	35,600	35,313	24,375
Onion	35,450	42,300	49,750	64,100	74,500	78,550	91,950	88,571	84,375	79,167	74,167	51,917
Tomato	13,175	14,500	16,300	16,775	13,725	12,800	11,725	13,719	13,300	8,667	7,417	8,500
Cabbage	12,479	12,042	13,896	11,979	12,050	12,150	12,925	12,625	9,854	9,000	9,042	-