



EAST-WEST SEED
FOUNDATION

KNOWLEDGE
TRANSFER

NIGERIA - Q2

QUARTERLY REPORT

2023 (April - June)



Dry Season



Section 1

NEWS & HIGHLIGHTS



KT OFFICE

1. Mid-year reflection meeting
2. Management visit to agro-input dealer shops
3. Training of baseline farmers (farmers surveyed at the beginning of the HortiNigeria project) at the EWS-KT learning farms in Kano and Kaduna states



DIGITAL & OTHER

1. Reactivation of radio program with a variety of topics, including KT Kitchen and GAP (Good Agricultural Practices)
2. Recruitment of new interns for collecting farmer adoption and success stories
3. Increase of over 3,000 followers on Facebook



DEMONSTRATION PLOTS

1. Field Days
2. HortiNigeria community sensitization with business support services
3. Training on seedling raising



HIGHLIGHT IMAGES



Field Day and harvest in Makarfi Local Government Area by Technical Field Officer Fatima Alabe.



Community entry training with business support services.



Management visit to agro-input dealer locations.



An EWS-KT Nigeria live radio session with a farmer as a guest.



Section 2

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	72	Prema	67	250
		Super Yali	5	250
Cabbage	71	Nuzaka F1	1	250
		Pakse	70	250
Tomato	44	Diva F1	23	250
		Platinum F1	16	250
		Padma F1	5	250
Okra	27	Basanti	8	250
		Maha	19	250
Lettuce	24	Maruli	7	250
		Rapido	17	250
Watermelon	24	Sweet Sangria F1	24	250
Cucumber	11	Mona Lisa F1	9	250
		Greengo F1	2	250
Sweet Corn	3	Sugar King F1	3	250
Total	276		276	

Table 1 Notes

Major crops cultivated in the quarter were onion, cabbage, and tomato. Sweet corn, as a new introduction, had just 3 demos.

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			Project Targets
			Ongoing	Completed	Terminated	
Transforming Nigeria's Vegetable Market	Dawakin Kudu	250	0	10	0	
	Garko	250	0	17	0	
	Kubau	250	0	14	0	
	Kudan	250	0	17	0	
	Minjibir	250	0	17	0	
	Rimin Gado	250	0	15	0	
	Sabon Ngari	250	0	12	0	
	Soba	250	0	10	0	
	Tofa	250	0	9	0	
Zaria	250	0	17	0		
HortiNigeria	Dawakin Kudu	250	2	6	0	35%
	Dawakin Tofa	250	7	10	0	
	Garko	250	2	3	0	
	Ikara	250	3	9	0	
	Kubau	250	3	19	0	
	Kudan	250	2	16	0	
	Kumbotso	250	4	12	0	
	Makarfi	250	0	13	0	
	Minjibir	250	1	12	0	
	Rimin Gado	250	0	18	0	
	Sabon Gari	250	10	3	0	
	Tofa	250	11	3	0	
Zaria	250	0	14	0		
Total			45	276	0	

Demo Profits and Productivity

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

Crop (Variety)	No. of Demos	No. of Plants	Costs (Naira)	Returns (Naira)	Profits (Naira)	Productivity per Plant (kg)	EWS Reference (link)	
							Productivity per Plant (kg)	Plant Population
Cabbage (Pakse)	71	666	24,600	58,515	33,915	1.53	1.8 - 2.5	667
Onion (Prema F1)	67	6,666	12,292	61,740	49,448	0.11	0.03 - 0.05	6,667
Watermelon (Sweet Sangria F1)	24	180	14,242	61,712	47,470	4.60	4 - 5	182
Tomato (Diva F1)	23	666	21,462	80,422	58,960	1.21	2.25 - 3	667
Okra (Maha)	19	444	10,808	36,642	25,834	0.74	1.5 - 2	444
Lettuce (Rapido)	17	1,135	12,008	30,057	18,048	0.24	-	1,135
Tomato (Padma F1)	16	666	19,760	93,064	73,304	0.96	2.25 - 3	667
Cucumber (Mona Lisa F1)	8	666	20,299	55,055	73,088	1.01	2 - 3	667
Okra (Basanti)	8	444	12,640	38,409	25,770	1.09	1.5 - 2	444
Lettuce (Maruli)	7	1,135	13,958	33,635	19,677	0.44	-	1,135
Onion (Super Yali)	5	6,666	10,392	59,167	48,775	0.10	0.03 - 0.05	66,670
Tomato (Platinum F1)	5	666	25,380	62,236	36,856	1.04	2.25 - 3	667
Sweet Corn (Sugar King F1)	3	1,135	22,115	78,520	56,405	0.88	0.3 - 0.4	1,111
Cucumber (Greengo F1)	2	666	20,902	93,990	73,088	1.63	2 - 3	667
Cabbage (Nuzaka F1)	1	666	22,437	31,400	8,963	1.17	1.8 - 2.5	667



Section 2 IMAGES OF DEMO PLOTS



A training on fertilization of onion at a demo in Garko Local Government Area with Technical Field Officer Favour Kang.



Field Day in Minjibir with Technical Field Officer Amina Ado.



Training on improved ground nursery sowing with Technical Field Officer Mustapha Sani.



Training on trellising of tomato with Technical Field Officer Sebastine Agada.



Onion demo harvesting.



Training on transplanting, using a rope as a straight line guide.



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					
Transforming Nigeria's Vegetable Market	Dawakin Kudu	Dawakin Kudu	32	339	187	152	64%
	Dawakin Tofa	Dawakin Tofa	30	357	257	100	65%
	Garko	Garko	24	392	240	152	44%
	Kubau	Kubau	34	260	172	88	72%
	Kudan	Hunkuyi	39	585	340	245	80%
	Makarfi	Makarfi	45	233	155	78	73%
	Minjibir	Minjibir	16	223	116	107	45%
	Rimin Gado	Rimin Gado	43	563	347	216	78%
	Sabon Gari	Sabon Gari	32	483	423	60	78%
	Soba	Soba	20	180	173	7	64%
	Tofa	Tofa	22	240	189	51	78%
	Zaria	Zaria	33	163	99	64	86%
HortiNigeria	Bichi	Bichi	26	239	99	64	56%
	Dawakin Kudu	Dawakin Kudu	32	312	207	105	83%
	Dawakin Tofa	Dawakin Tofa	59	287	222	65	59%
	Garko	Garko	36	627	498	129	72%
	Ikara	Ikara	38	77	46	31	38%
	Kubau	Kubau	44	437	185	252	79%
	Kudan	Hunkuyi	39	164	93	71	68%
	Kumbotso	Kumbotso	41	265	193	72	45%
	Makarfi	Makarfi	47	323	267	56	81%
	Minjibir	Minjibir	23	425	238	187	67%
	Rimin Gado	Rimin Gado	35	214	174	40	66%
	Sabon Gari	Sabon Gari	60	235	216	19	83%
	Soba	Soba	54	352	180	172	97%
	Tofa	Tofa	31	580	235	345	80%
	Zaria	Zaria	40	35	16	19	97%
	Total		975	8,590	5,567	2,947	72%

Field Days

Table 5.1: Field Day location and attendance.

Project	Demonstration Location		No. of Trainings	Total Farmers	Male	Female	Youth %
	District	Village Tract					
Transforming Nigeria's Vegetable Market	Dawakin Kudu	Dawakin Kudu	17	339	187	152	64%
	Dawakin Tofa	Dawakin Tofa	9	357	257	100	65%
	Garko	Garko	16	392	240	152	44%
	Kubau	Kubau	12	260	172	88	72%
	Kudan	Hunkuyi	16	585	340	245	80%
	Minjibir	Minjibir	6	223	116	107	45%
	Rimin Gado	Rimin Gado	13	563	347	216	78%
	Sabon Gari	Sabon Gari	14	483	423	60	78%
	Soba	Soba	6	180	173	7	64%
	Tofa	Tofa	9	240	189	51	78%
	Zaria	Zaria	11	163	99	64	86%
HortiNigeria	Bichi	Bichi	11	239	146	93	56%
	Dawakin Kudu	Dawakin Kudu	10	312	207	105	83%
	Dawakin Tofa	Dawakin Tofa	16	287	222	65	59%
	Garko	Garko	15	627	498	129	72%
	Ikara	Ikara	6	77	46	31	38%
	Kubau	Kubau	11	437	185	252	79%
	Kudan	Kudan	8	164	93	71	68%
	Kumbotso	Kumbotso	13	265	193	72	45%
	Makarfi	Makarfi	13	323	267	56	81%
	Minjibir	Minjibir	11	425	238	187	67%
	Rimin Gado	Rimin Gado	6	214	174	40	66%
	Sabon Gari	Sabon Gari	14	235	216	19	83%
	Soba	Soba	12	352	180	172	97%
	Tofa	Tofa	13	580	345	235	80%
	Zaria	Zaria	2	35	16	19	97%
Total			290	8,357	5,569	2,788	72%

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.

Project	Location	Third-Party Trainer	Party Trained	Modules or Activity	Total People Trained	Male	Female	Youth %
HortiNigeria	Kano	Agro-Input Dealers	Farmers	GAP	7,062	6,619	443	64%
	Kaduna	Agro-Input Dealers	Farmers	GAP	943	838	105	55%
Transforming Nigeria's Vegetable Market	Kano	Agro-Input Dealers	Farmers	GAP	4,446	4,128	308	55%
	Kaduna	Agro-Input Dealers	Farmers	GAP	10,215	8,643	1,572	60%
	Kaduna	Subject Matter Specialists	Farmers	GAP	5,865	4,425	1,440	52%
Total					28,531	24,653	3,868	58%

Training of Other Stakeholders

Table 5.4: Distribution of additional stakeholders trained by EWS-KT. This includes online certification programs by EWS-KT.

Location	Party Trained	Modules or Activity	Total People Trained	Male	Female	Youth %
Online	Students, Farmers, Agro-Input Dealers	Agrobusiness Certification; Vegetable Production Beginner Certification	72	48	24	63%
Total			72	48	24	63%

Other Value Chain Highlights

EWS-KT Nigeria provided training to agro-input dealers and government extension officers, who offer advice to small-scale farmers that they are in contact with.





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		
Country Facebook Group (Members)	26,524	28,200		
WhatsApp Group (Members)	1,416	2,105		
Messenger Group (Members)	155	146		
Telegram Group (Members)	167	174		

Country Facebook Content and Engagement

Table 7: Content creation and indicators of viewer engagement.

Posts Created	Total Views	Comments	Reactions
791	259,643	9,208	42,358

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		
EWS-KT YouTube (Views)	4,872	4,549		
EWS-KT GrowHow (Users)	2,768	2,267		

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 Distributed (Guides)	10,423	7,534		

Top 3 Facebook Posts

Facebook posts with the most engagement.



Leaf pot seedling production of sweet corn

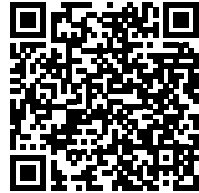
Reach
4,251

Comments
61

Shares
6

Likes
136

Reactions
136



VIEW POST



Showcasing watermelon (Sweet Sangria F1) in the field at point of harvest

Reach
5,170

Comments
32

Shares
7

Likes
104

Reactions
16



VIEW POST



Invitation poster for HortiNigeria on transforming the horticultural sector

Reach
3,847

Comments
29

Shares
5

Likes
109

Reactions
15



VIEW POST

Fresh Vegetable Market Prices

Table 9: Retail vegetable prices during the quarter. This data was collected weekly.

Crop	Vegetable Price Fluctuation, April to June 2023 (Average Price per Kilo, in NGN)											
	W13	W14	W15	W16	W17	W18	W19	W20	W21	W22	W23	W24
Cucumber	168	102	116	136	161	178	169	138	175	170	190	290
Chili Pepper	25	271	273	287	276	297	313	221	225	225	245	206
Onion	84	81	84	85	90	105	102	122	117	131	125	128
Tomato	214	191	195	246	296	384	338	416	322	354	-	375