

BAERBEL JENNERT FOUNDATION

KUZA KUKU LIVELIHOOD SUPPORT PROGRAM

Program Evaluation Report

Evaluation period: Tuesday 9th to Tuesday 16th July 2019

Objective: The aim of this evaluation is to determine the relevance and level of achievement of project objectives, effectiveness, efficiency, impact and sustainability in the household that benefited from the Chicken donations from Baerbel Jennert Foundation.

Key activities

We visited every home of the project beneficiaries and conducted the following tasks

Physically looked at their houses including where the chicken were kept, the drinking/feeding area, conduct both oral and written interviews to each of them and record the same in both still photos and video

Back ground

Baerbel Jennert Foundation with support from well wishers from Germany donated cross breed chicken to poor mother from Kanyawegi, Kandalo, Ombeyi and Obago villages in Kisumu County Kenya. Through the project, Kuza Kuku the organization donated 5 chickens to 17 household between the months of November and December 2018. In order to qualify for the donation one is needed to have the following

- ❖ .Low income with an average income of less than USD 100
- ❖ Either widowed, separated or divorced
- ❖ Must be taking care of children who solely depend on her
- ❖ Should have a house and space for the chickens
- ❖ Must have time to take care of the chicken

The chicken were distributed when they were four months old and a veterinary professional checked their health and administered medication against the diseases the chickens were going to be predisposed to in the villages. The women were also taken through a brief training to help them gain basic skills in poultry husbandry

Through the program BJA donated 84 chickens which included pullets and cockerels. Each beneficiary was expected to have four pullets and 1 cockerel to ensure the retention of the high yielding, disease resistant breeds

FINDINGS

Kanyawegi

This village is located along Kisumu Bondo road. There are four households who benefited from the project here and each beneficiary received five chickens. The following are the names of the beneficiary from this region

No	Name	No of chicken	Village
1	Rose Auma Otiende	5	Kanyawegi
2	Hereniah Auma Okode	5	Kanyawegi
3	Nancy Akoth Okoth	5	Kanyawegi
4	Beatrice Anyango Ochuka	5	Kanyawegi
	Total	20	

Rose Auma Okode



Age 48

Marital status Widow

Current Occupation Farmer

Child responsibility 3

Rose received 5 chickens from BJJ team on 19th December 2019. She feeds her chicken on leftover food, grains of maize and millet. Whenever the chickens looked ill she collects herbs which she crush into paste and mix with drinking water. Out of 5 chickens donated Rose lost four and currently has one hen which has not started laying eggs



The two hens Mrs Rose is left with

Herenia Okode



Herina next to her house in Kanyawegi village

Age 40

Marital status Widow

Current Occupation Petty trade

Child responsibility 5

Herenia received 5 chickens from BJJ team on 19th December 2019. She feeds her chicken on ugali, rice and millet. All the chicken were wiped by a new castle epidemic that infected the entire village. This misfortune came when the chicken were almost ready to start laying eggs



Nancy Akoth Okoth



Age: 32

Marital status: Widow

Current occupation: Menial jobs

Children Responsibility 2

Nancy was given 5 chickens on 19th December 2018 and has taken very good care of her chicken with only two chickens dying from what from her description is Fowl Pox. The chicken suffered from swollen mouth and the eye areas. Interestingly like all her colleagues from the same village Nancy has never invited a veterinary officer to check on her poultry but instead give them herbs when they fall ill. One of the chickens has started laying eggs and has so far laid 10 eggs as at the day of our visit.



The three chicken Nancy is left with

Beatrice Anyango Ochuka



Age: 67

Marital status: Widow

Current occupation: Farmer

Children Responsibility: 5



The chicken house Mrs Beatrice is building for her chicken

Beatrice was given 5 chickens on 19th December 2018 and has so far lost three of them to symptoms associated with new castle epidemic which affected poultry from around her village. She has a nicely build chicken house. She has however never treated her poultry with certified medicine; she uses local herbs to treat them

Summary of the findings from Kanyawegi

NO	Name	Chick given	Chicks dead	Chick alive	Eggs
1	Rose Auma Otiende	5	4	1	26
2	Hereniah Auma Okode	5	4	0	0
3	Nancy Akoth Okoth	5	2	3	35
4	Beatrice Anyango Ochuka	5	3	2	29
5	Total	20	13	6	90

Otonglo

Consolata Wayanga



Age: 70

Marital Status: Widow

Current Occupation: Small holder farmer

Children Responsibility: 4

Mama Consolata was given 5 chickens on 20th December 2019 by the BJF team. The chicken grew well but started suffering from diarrhea, swollen eyes and mouth in April. She therefore lost three chickens which are very healthy and are laying eggs and has over 30 eggs currently. Mama Consolata has never invited any veterinary officer to check on her poultry because she does not have money. She treats them using herbs mixed with drinking water when they fall sic. Her chicken have laid eight eggs so far.



Mama Consolatas two hens have laid over 30 eggs so far

Jusphina Okode Obidha



Age 70

Marital Status Married

Children 2

Current Occupation Small holder famer

Jusphina was given 5 chickens on 20th December 2019 and has tried very hard to make sure they grow healthy. She lost her husband in 2015 and is currently taking care of two grand children who depend on her as their mother also passed on leaving them as orphans. She has lost three chickens of the five she was given and from her description of the disease that killed the chicken they died from Fowl Pox whose symptoms includes swollen eyes and mouth

Herina Adero



Age 65

Marital status Separated

Children responsibility 5 Grand children

Current Occupation Small holder farmer

Herina was given 5 chickens and properly took care of all of them and none has died which is very commendable. Interestingly the lady has never invited a veterinary doctor or even bought medicine from the local agro vet to treat the poultry but instead uses local herbs to treat her chicken. Unfortunately, she received 4 cockerels and 1 pullet that all grew to maturity and so the cocks started fighting over females. This forced some of the cocks to wonder off to other homes to look for mates who forced the lady to sell three of them and currently has one cock and a hen. The hen has laid 8 eggs so far



Mama Herina sold three cocks and has remained with one cock and a hen

Doris Akongo



Age 65

Marital status separated

Current Occupation Small holder famer

Children Responsibility 5 Children

Doris was given 4 chickens and she has struggled to make sure that they grow up in a conducive environment. She feeds her chicken on food left over and local grains. She also mixes herbs with drinking water to treat the chickens. She has lost three chickens and only remain with two pullets which has not started laying eggs. Her chicken tried from typhoid from the explanation she gave since they were passing out watery stool and refused to eat



The two hens Mrs Doris Akongo has remained with from the 5 chicks she was given

Kanyakwar

Roselida Achayo



Age- 40

Marital Status-Widow

Children responsibility-4

Occupation- Small holder farmer

Roselida was given 5 chickens on 15th December 2018. The mother of four is a widow who does menial jobs in the nearby Kisumu city to feed her children. This poultry project therefore gave her a lot of hopes in life and the death of her four children was such a huge setback that has dampen her spirits. The one chicken has laid four eggs and stopped all over sudden because she does not get enough food and the lady is not able to even feed herself

Sara Bala



Mama Sara has remained with an empty chicken cage after New Castle outbreak wiped all her chickens

Age-65

Marital status-Widow

Children responsibility-6 Children

Occupation-Small holder farmer

Sara Bala was given six chickens initially; in fact she is one of the first beneficiaries of the Kuza Kuku project. She is a widow who struggles to educate her children from meager earnings from her small farm. Ms Sara therefore looked forward to benefiting from this noble project, unfortunately, new castle epidemic wiped all her chickens including the native breeds she had leaving her empty handed and poorer.

Summary of the findings from Otonglo and Kanyakwar

NO	Name	Chick given	Chicks dead	Chick alive	Eggs
1	Consolata Wanyanga	5	3	2	30
2	Jusphina Okode Obidha	5	2	3	40
3	Herina Adero	5	0	5	24
4	Doris Akongo	5	3	2	34
5	Sara Bala	6	6	0	0
	Roselida Achayo	5	4	1	4
	Total	31	18	13	132

Findings from Ombeyi and Obago villages

Rebecca Opande



Age-60

Marital status-Widow

Child responsibility-5 children

Occupation-Small holder farmer

Mama Rebecca was given six chickens on 25th November 2018. In her own description this project gave her a lot of hope in life and she knew that struggling to pay fees and feed the children would be a thing of the past when the project picks up. Unfortunately four of her chickens died from typhoid due to predisposition to the weather vagaries. Kano plain where her village is located normally has a lot of dirty stagnant water which the chickens were drinking and might have contributed to the disease. The two hens have laid 35 eggs so far

Leah Atieno Ojako



Age 57

Marital Status Widow

Children Respons 4 children

Occupation Small holder farmer

Leah was given 5 chickens in November 2018, a development that she fully embraced because she has always wanted to do poultry farming as a business but has lacked capital to start her off. Leah took good care of her chicken even though she has never used conventional medicine to treat them. Leah mixes herbs with the drinking water and feeds the chickens on food left over, maize and millet grains and rice husks. The mother of five lost three chickens and only has 2 hens left who have laid over 34 eggs so far



Lea Ojakos two hens have laid over 32 eggs and counting

Benter Atieno Olum



Age 68

Marital status Widow

Child responsibility 7 children

Occupation Small holder farmer

Mama Benter hails from Obago village and was given 5 chickens on 23rd November 2018. She has been feeding her chicken on rice husks, food left over and maize grains and like her colleagues mixes local herbs with drinking water. The chicken started becoming gloomy and passing watery stool which is whitish in color and the problem resulted in death of three chickens leaving her with only two pullets which are currently laying eggs. On the day of BJJF team visit they had laid 25 eggs

Mary Anyango Ouma



Age 67

Marital Status Widow

Child responsibility 5

Occupation Petty trade

Mary Anyango loves poultry farming and was elated when she was enrolled in the program in 2018. She was given 5 chickens which she started giving special attention to ensure their survival. They grew faster than her chickens in the homestead and this made her love them even more. However they started becoming gloomy with black spots developing around their eyes and beaks and three of the chickens died from the disease. This unfortunate event left Mary with two hens which are currently laying eggs

Violet Atieno Juma



Age 38

Marital Status Widow

Child Responsibility 5

Occupation Small holder farmer

Violet Juma is one of our beneficiaries who have made the most important steps of building a poultry house to ensure comfort for the chickens. She also keeps several chickens of native origins and in her own assessment the cross breed chickens do better because they grow faster and are heavier and so fetches better prices at the market. The chicken started becoming gloomy and four died leaving her with one pullet which has laid twenty eggs

Damaris Adhiambo Otieno

Age 43

Marital Status Widow

Child Responsibility 3

Occupation Petty trade

Damaris is a mother of three beautiful girls; she hails from Obago village and was given five chickens BJK in December 2018. Unfortunately the chicken died from strong bout of typhoid that wiped out the entire brood leaving her with nothing

Summary of the findings

Summary of the findings from Ombeyi and Obago villages

NO	Name	Chick given	Chicks dead	Chick alive	Eggs
1	Mary Awino Olweny	5	3	2	30
2	Rebecca Opondo	5	2	3	36
3	Benter Atieno Olum	5	0	5	10
4	Mary Anyango Ouma	5	3	2	19
5	Violet Atieno Juma	5	5	0	0
6	Damaris Adhiambo Otieno	5	4	1	17
7	Mourine Tindo	5	2	3	40
8	Leah Anyango Akoth	5	3	2	25
9	Teresa Akinyi	5	4	1	20
10	Lea Atieno Ojako	5	3	2	34
	Total	50	29	21	231

Summary of the chicken distribution

No	Chicken distributed	No of dead chicken	No of chicken alive	Cocks	Hens
	101	60	40	5	35
%	100	54.4	39.6	12.5	87.5

Analysis

From the findings 54.4% of the chicken distributed to the poor women died from Fowl pox, new castle, coccidiosis, cholera and typhoid. The chickens were predisposed to these diseases because of poor management when they were released from an environment with good care to a free range system. The transition from a well managed poultry farm to a free range system where the hens are expected to scavenge for food with no proper treatment exposed them to the diseases. The chicken were also used to processes food and are abruptly introduced to raw food like millet, maize or food left over

Another key challenge these women faced is managing the native chickens they have and how to integrate the new breed without contracting the diseases. These native chickens are carriers of these common poultry diseases and once they get in contact with the new breed they get infected immediately. This also explains why a lot of the chickens donated to the poor women died according to Mr Peter Pondo, a veterinary officer from Kisumu who also runs an Agro vet where medication for poultry are bought

Herina Adero is the only beneficiary whose hen is mating with a cross breed cock and this means that with proper feeding program for the one hen she is left with, she will get quality eggs that can be hatched. The rest of the beneficiaries are using local cocks and the impact of this is that it affects the quality of chicks. The eggs should not take more than ten days before being placed in an incubator, unfortunately majority of the eggs the beneficiaries are having are as old as one month

The chicken breeds distributed are what are called dual purpose poultry, which means that they are meant for the production of meat and eggs only, they do not brood. They would mostly produce the eggs and move on. The project had intended to ensure that the hens mate with the high yielding cocks, unfortunately this has not happened and so the eggs have been fertilized by the local cocks of questionable qualities. These cross breed hens need quality food to lay quality eggs. However, these women are poor and cannot afford food needed by these hens to lay quality eggs

Recommendations

1. For maximum returns from the project, the beneficiaries should be supported to restock their poultry stock and given layers mash, the appropriate feed to help the hens lay eggs frequently. This will also make the hens lay quality eggs that will hatch healthy chicks. The total population to be restocked is 80 chickens ie 60 hens and 20 cocks and they should be of mature age that are ready to start laying eggs
2. There must be a rigorous treatment regime for the native chickens owned by the beneficiaries before any new chicken is given to them to reduce exposing the new chickens to diseases. The chickens be distributed must also be properly treated against common poultry diseases in the region
3. All the beneficiaries should be provided with adequate feeds for the chickens to make them lay quality eggs. There are also specific medications that are meant for egg laying chicken that should be administered to all the chicken. The eggs should be collected after every 10 days and placed in the hatchery, any egg which has taken more than 10 days from the day it was hatched may not hatch properly
4. All the eggs which the beneficiaries have currently should be bought by JBF as agreed with the beneficiaries and either eaten or sold to the local egg sellers because their quality and origin are questionable. Once the hens are introduced to the cocks of known quality and origin they eggs should be collected but before 10 days from the day they we laid and hatched. The chicks could be sold to local farmers at the market price or raised to add value and fetch better prices.

The report has been prepared by Martin Saurer Oloo

Approved by Gabriel Amolo

18th July 2019