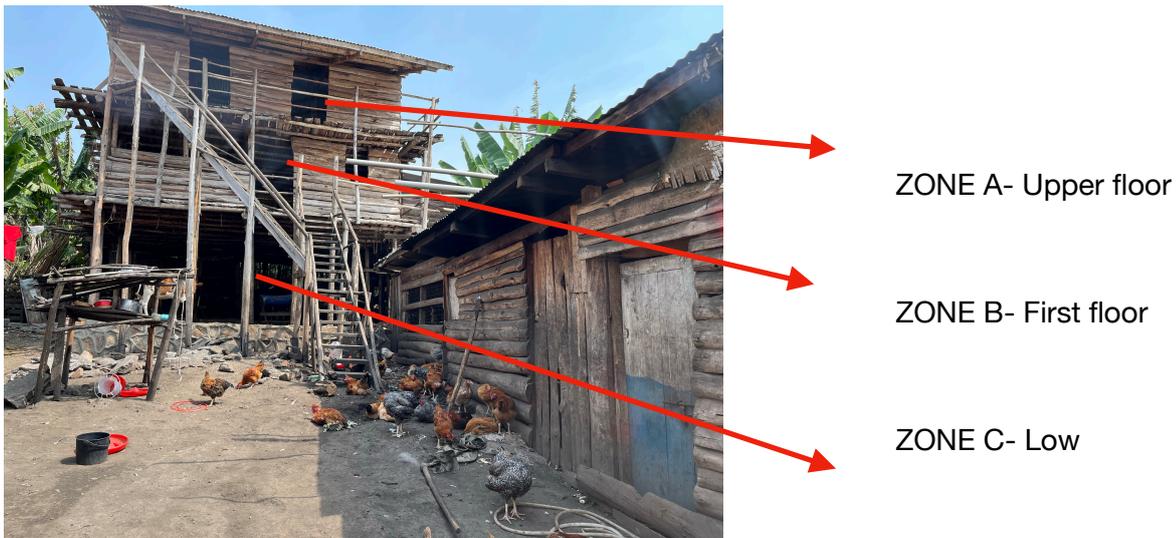


FARM AT HOLINESS ARK NURSERY SCHOOL, KIHOGO, UGANDA



Currently, there are 5 cows and a calf, about 75 laying hens, 90 roosters, about 20 chicks, 15 goats, 6 sheep and 6 turkeys are kept.

The cows go to graze during the day and spend the night under the raised wooden building (area C) where they have some plastic drinkers-feeders and are mixed with the laying hens that walk loose between the utensils and the defecations of the animals.

The sanitary conditions of the animals are quite poor. There is no regular cleaning of the "stables" and the administration of food and clean water is very limited because at this time there is no one working with the animals. Wilson and the orphan boys who sleep in the rooms of the facilities are in charge of doing these tasks. There is no regularity of animal care work, nor a protocol.

Also, the distribution of animals does not allow adequate cleaning, efficient handling for egg collection, or minimum animal welfare conditions



In a section attached to this building with access from the part of the "stables" of the cows is the group of 15 goats. These animals are in a kind of wooden stable inside, without the possibility of going outside



PROPOSED IMPROVEMENT PLAN

Because the location of the animals in the different spaces, the health and welfare conditions are quite terrible at this time, Wilson is proposed a reorganization of the different species, with the following distributions and improvements:

1- Area of laying hens in the main building, first floor: ZONE B (HENCOOP)

In this place, there is a cemented floor and limited by wooden plank walls, at different heights. In the space, about 100 laying hens can be accommodated.



Tasks to be performed:

Move the food bags that are on the right to the top ZONE A, where the animals' food will be stored

Raise some of the walls that are low, continuing with wooden planks that have in surplus stored on the upper floor (A)

Put fine chicken coop mesh in the upper spaces of the walls and windows

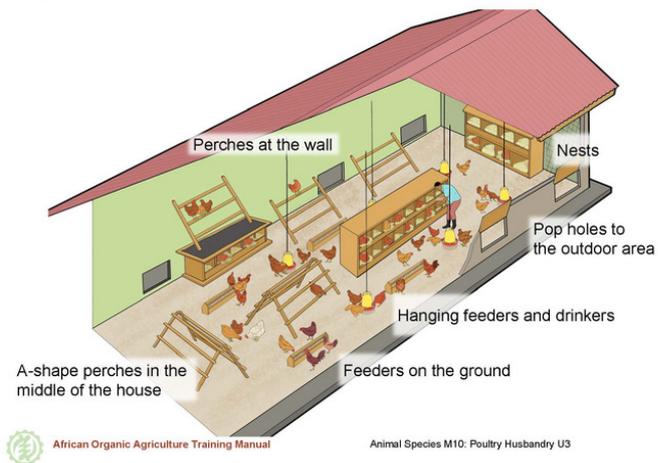
Put an access door to the chicken coop area

Make boxes for nests and hangs

Enable drinkers and feeders

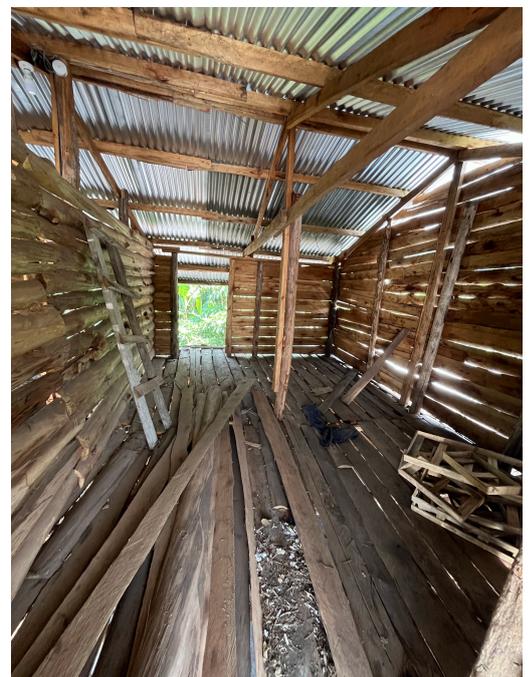
Example of distribution of spaces in the chicken coop

Species-appropriate furnishing of the poultry house



2- Food warehouse area, upper part of the main building, ZONE A (WAREHOUSE)

Move the bags from Zone B, corn and chicken food that is stored on the floor of a room located above the rooms of the children who stay to sleep at school (higher grades orphans)



New animal food warehouse area

3- GOATS AREA, hut located on one side with access to animals through an open and fenced space.

In these facilities it is necessary to raise the height of the fence and provide access doors for the staff and for the animals when they come from grazing.

Inside, the soil should be cemented by making an inclination that favors the exit of the urine to the outside through a gutter. This interior space has three cabins that currently have communication holes where separation doors can be placed.

Indoor feeders and drinkers must also be provided for animals.



Images of the spaces and ideas of feeders and drinkers



4- STABLES FOR COWS. ZONE C, Low

This space should be cleaned daily in the mornings every time the animals go out to graze. Removing the manure with shovels and if possible, clean with a hose to remove the remains.

They already have some feeders and drinkers for the nights, but they are unstable and scarce, so they should be improved



Current (top)

Possible new systems



ESTIMATED IMMEDIATE EXPENSES to start with the work:

Carpenter's salary, 2 weeks: 200,000 UGX

Rancher's salary for 15 days of preparation, cleaning and animal transfers: 150,000 UGX

Carpentry materials: 783,000 UGX

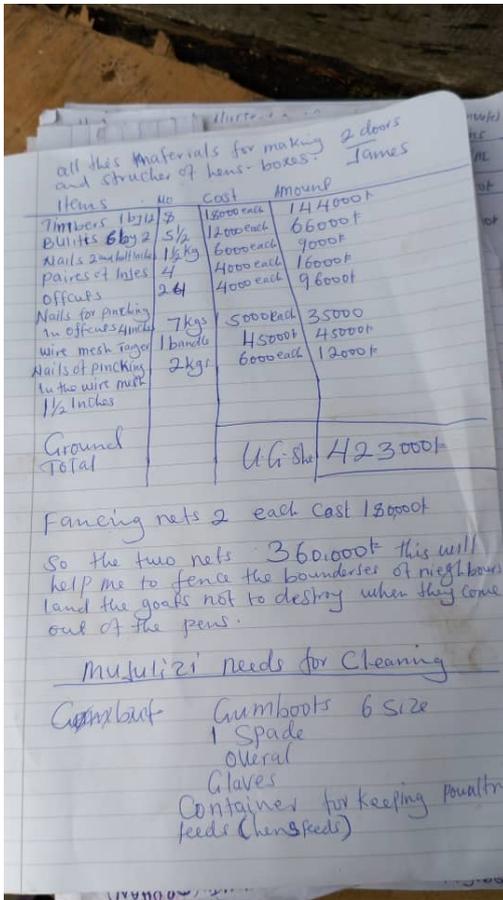
TOTAL to start working: 1,133,000 UGX (@300 euros)

Work materials: Even without determining prices

Drinking fountains and feeders: without determining prices

The carpenter, James, is already at school working on desks and could start tomorrow with the chicken coop. He is the one who made the budget of the necessary material

The rancher is a young boy who started today to clean the part of the cows' stables and will begin to move the food from the animals to the part of the warehouse.



SPARK 30C

27mm f/1.6 1/286s ISO109

We are looking for sponsors so that this work can be done on these days during which I can be supervising. I will stay for two more weeks.

ANIMAL HEALTH STATUS

I also want to communicate that the calf is very thin and weak, it seems that the mother is not giving much milk and they were also milking it to sell it.

The mother and two other cows are having diarrhea.

Wilson has a container with antiparasitic and today he administers the dose to the calf and when the cows return from grazing, they will also receive their dose to eliminate intestinal worms.

I also recommended that they should always have hay available to eat. Many times they stay inside because of the rains, or they are eating a lot of fresh grass and develop diarrhea due to contaminated land. Animals should have food rich in fiber to help digestion and intestinal flora.



This veal was released from the rope and I told them to put water and food on it so that it begins to gain weight. For the same reason, the mother will be dewormed and should be left with the calf so that she can breastfeed.

Don't hesitate to ask me anything if you have any questions

Thanks a lot

Covadonga Talavera, DVM

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