



Poverty Is No Longer An Issue For Women In Mtwara Region

116. Mtwara Girls

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Introduction:

In rural Mtwara area women are living in difficult condition, large number of women are poor and depend on agriculture. In our school Mtwara girls secondary school during the evening time women from village came to our school asking for Food remains and staff to Feed their young children and also themselves others ask for clothes that are unused from the student.

We caught some of the women and had an interview or conversation with them, and they explained us the kind of real life they are passing through. In short they life is very hard and very difficult condition that they need a lot of support and care to help them move or achieve a good life or a good condition.



Method:

Cut the top cover of base of two boxes and then take one big box as the main case and other two put inside these a one large box as seen in diagram below:-

The hole is used for the following:-

- It passes the Kerosine lamp to the inside part
- It passes the water container inside
- It help to regulate temperature and give off smoke.
- Then it passes the measure and temperature to the eggs.
- Take a piece of box to make a top cover to the hole this regulate the temperature inside the box the this piece of box has to be perforated has small hoers this will act as a base for the eggs and allow the moisture and temperature to pass to the eggs.
- Then take another piece of box, role of it is to make the chummy of the machine in form of a funnel.



DESIGNING AND INCUBATOR MACHINE AND HOW TO USE THE MACHINE

Materials

1. Three boxes of different size.
2. Four small pipes (Plastics)
3. Cotton
4. Knife
5. Glue
6. Rope
7. Kerosene Lamp
8. Thermometer
9. Water container.

Results:

Necessary Condition For Eggs To Develop

- (i) Moisture is necessary needed in the machine.
- (ii) Air is needed inside the machine
- (iii) Temperature of about 36 - 38°C is needed inside the machine.

Capacity Of The Machine

This machine can accommodate up to 100 Eggs depending on the size of the Large box. The small machine can accommodate up to 40 – 60 Eggs.

Efficiency Of The Machine

Machine can operate in a many similar ways as industrial modern machine which are very expensive to buy and it has 98% to produce chicken when hatched. If it is operated careful.

Weakness Of The Machine(local Incubator)

- i. It produce smoke which can pollute the Environment(atmosphere)

A.Preparation Of Medicine For Treatment And Prevention Of Poultry Disease

MATERIAL NEEDED –leavea from pawpaw plant ,mlonge plant and mpera

Crush the leaves in motor and pestle the we add water and boil it for 20minutes

After that we cool the mixture and filter it and place in a container.

USES -measure one cup of tea of the medicine and mix it in one 5litre of clean water give chicks to drink it though out of the day after every five days until they develop wings ,this prevent and cure common poultry disease such as worms and bacteria and viruses disease

B.CARE AGAINST PREDATOR

Paint the chicks blue or pink food colour these colour make the predator birds and small mammals not to recognize them when they are in environment this makes chick to be safe through out of the day

C.CARE AGAINST COLD WEATHER

During the night put charcoal burner to the room to provide temperature for chicks.



DAY	TEMPERATURE(OC)
01	36.8
02	37
03	37.2
04	37.4
05	36
06	36.2
07	37.3
08	37.2
09	37
10	37.4
11	36
12	36.3
13	37.2
14	37.6
15	36.2
16	36.3
17	37.4
18	36.2
19	36.2
20	37.2
21	36.7

MEASURE OF CENTRAL TENDENCY

1.Mean temperature of machine for 21 days

$$36.8+37+37.2+37.4+36+36.2+37.3+37.2+37.4+36+36.3+37.2+37.4+$$

....

21

Mean temperature=38.2°C

2.RANGE OF TEMPERATURE OF MACHINE FOR 21 DAYS

$$37.6^{\circ}\text{C} - 36^{\circ}\text{C} = 1.6^{\circ}\text{C}$$

Conclusions

The aim of the project is to make everyone especially those living in difficult condition to engage in poultry business, with a small very small capital to invest, or no capital, starting using local materials obtained freely from the natural environment so as to change their lives or transform their lives and to impact this knowledge to young girls in Mtwara region to stop the mentality that Mtwara is poor women are poor.

References

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