

College of Agriculture, Phaltan

Demonstration no.-1



Demonstration on cleaning and disinfection of cattle shed or animal shelter.

DEMONSTRATION NO. 1

Demonstration on cleaning and disinfection of cattle shed or animal shelter.

Name- Nale Sameer Bhanudas.

Reg. No.- CAP-2017/86

Date- 05-08-2020

Time- 11am

Place- At the farm of Mr. Bhanudas nale.

Village- Dudhebavi, Phaltan, Satara.

No. of Farmers participated- 5

Introduction-

1. Cleaning and disinfecting is important to maintain the well being and health of high producing animals, such as dairy cows.

2. This is especially the case in intensive modern housing where high density and high productivity increases the the infection pressure.
3. Thorough cleaning and disinfection decreases the pathogen level and prevents or breaks the disease cycle.
4. Disinfectant will not clean dirt and all organic material including bedding and dried manure must be removed prior to disinfection.
5. This means the walls and floor should be washed thoroughly with soap and water and allowed to dry prior to the application of a disinfectant.

Material used-

1. Broom
2. Spade
3. Ghamela
4. Pipe
5. Water
6. Brush
7. Knapsack sprayer
8. Disinfectant
9. Bucket and mug
10. Cleaning soap

Teaching Aids-

Internet

Objectives-

1. Frequent cleaning and disinfection helps to prevent the spread of germs that may causes illness.
2. Cleaning is an important first step because it physically removes dirt, organic matter and most of germs from surface.
3. The proper use of medical disinfectants can help to prevent the spread of harmful bacteria and worms.
4. It is necessary to keep animals healthy and disease free.

Planning-

1. First of all I discussed with my concerned course teacher for the conduction of this demonstration.
2. Then I collected all the required information related to the demonstration.
3. I fixed the date, time and place for the conduction of demonstration.
4. I also discussed with Mr.Bhanudas Nale.
5. Regarding to conduction of demonstration, I collected the required material for actual conduction of demonstration.
6. Then I gave invitation to all farmers.

7. displayed the notice on grampanchayat board to invite maximum number of peoples to attend the demonstration.

Conduction-

1. I along with farmers gathered together as per fixed date, time and place.
2. Firstly I told all information about demonstration and its importance.
3. Then I started actual process of demonstration as follows-
4. Firstly I removed the excessive food waste, grasses and other solid material with the help of broom.
5. Then with the help of spade, I cleaned the dung on the surface, collected it in a ghamela and put it in backyard. After that with the use of pipe, broom and detergent, I washed the animals and cleaned the floor.
6. Then I sprayed the disinfectant solution on the floor with the help of knapsack sprayer.
7. The precaution should be taken that disinfectant was not sprayed on the animal body.
8. At last I removed the excessive disinfectant and moisture, made the shelter dry and clean.

Questions asked by farmers-

1. Why cleaning and disinfection is important?

-To prevent harmful diseases from germs to come in contact with cattles.

2.Which machine is used for cleaning of shed and animals?

-The machine known as animal cleaning pump or dairy dung pump is used.

3.What are the various after care practices?

-Try to maintain dry floor. Bedding material should be sprayed on the floor. It helps to soak the urine and avoids the slipping of animals.

4.It is necessary to wear mask and gloves while cleaning and disinfection?

-Yes, it is important; it is helpful to maintain human health, to avoid any pathogen and germ to infect.

Farmer's reaction-

1. Before this demo, the farmers were doing the cleaning practice as indigenous way from older times.
2. Now with the help of this demonstration they were able to understand the importance of the cleaning and disinfection.
3. Farmers were satisfied because it gives them ideas for the correct method of cleaning and disinfection of shed.

4. They told me they will follow this method onwards.

Student's comment-

1. I have gained the knowledge about how actual cleaning of animals in the cattle shed was done as well as proper cleaning and disinfection of shed.
2. There was 6 farmers participated in the demonstration practices.
3. After my demonstration, they were satisfied, they got the information and knowledge about this method.
4. I was also satisfied with my demonstration and also increased my confidence by doing actual conduction.
5. Farmers were satisfied with my answers given to their questions.
6. I was also thankful to them by giving good response, co-ordination to me.

Follow up-

After 2-3 days of demonstration, I visited the farmers. Some of them was followed the same procedure for cleaning of shed. The work was satisfactory. I kept the all necessary records regarding demonstration.