

A REPORT ON

TITLE: “BREEDING AND DAIRY FARM”

Nature of event: Awareness program

Date & Duration: 15th AUG 2023

Organized By: AGRICULTURE DEPTT,JS UNIVERSITY,SHIKOHABAD

Organized At: AT VILLAGE DAKHINARA,SHIKOHABAD

Objective:

the process of selecting the parents of the next generation of dairy animals. The goal is to increase the number of offspring from animals with the highest milk production and decrease the number of offspring from animals with low milk production.

Here are some tips for dairy cattle breeding:

Age

Dairy producers typically aim to breed heifers between 12 and 14 months of age. Heifers should reach sexual maturity and have the proper body condition before breeding.

Weight

The weight of the heifer is a major factor in determining when she reaches puberty. For example, Holstein heifers usually reach puberty at a body weight of 550–650 lbs.

Breeding time

Breed the animal during its peak heat period, which is 12–24 hours of heat.

Semen

Use high-quality semen, preferably frozen semen from proven sires or bulls.

Record keeping

Keep accurate records of the animal's heat, insemination, conception, and calving.

Artificial insemination

Artificial insemination (AI) is often used by large-scale dairies. Small-scale producers may also use AI, but it's less common.

Other factors that can affect the reproductive performance of dairy animals include:

Environment

Nutrition

Socio-economic conditions

Adaptability

Genetic characteristics

Type of production system

Faculty coordinator
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