

# Mendip Vets Cattle DIY AI

## At a glance...

### Assessed Customised Provision

Duration Notes:	3 days
Delivery Method:	Theory and Practical
Recognised by:	DEFRA

## Introduction

If you are looking to improve your herds-person skills and add cattle DIY artificial insemination to your repertoire, our course will help you get there safely and efficiently.

## Overview in brief

Genetic improvement of a cattle herd can have profound benefits on productivity, welfare and farm income.

Being able to apply artificial insemination on your own cattle can help you save time and money, as well as speed up your herd's genetic improvement.

If you would like to apply the technique yourself, you are required by law to undergo training first by a DEFRA approved provider. Don't look any further, this is the course for you!

## The finer details

Our highly experienced instructors will help you master the skills needed to practice artificial insemination in cattle safely and with confidence.

You shall gain vital experience dealing with inseminating first time heifers to adult cows.

The course's key fundamentals will also cover handling and storing semen, signs of oestrus, heat detection methods, evaluating your own performance, anatomy and function of the bovine reproductive track, contra-indications to AI, legislation, welfare and biosecurity.





New inseminators will gain the basic skills required to apply the technique safely and efficiently.



## Who should attend?

The cattle DIY AI course is for anyone who would like to learn to apply artificial insemination on their own cattle.

No-one may carry out Do it Yourself Artificial Insemination (DIY AI) unless they have successfully completed a training course approved by either DEFRA or the (now disbanded) Agricultural Training Board.

## What will be covered?

- By the end of the course, you'll be able to:
- The Advantages and Disadvantages of AI
- Advantages and Disadvantages of DIY AI versus travelling Technician Service
- The Anatomy of the Cow's Reproductive Tract and Pelvis
- The Basic Principles of Bovine Reproduction and Artificial Insemination, including a Simple Description of Semen Collection, Processing and Freezing
- Methods of Heat Detection and the Correct Time for Insemination
- Welfare Issues
- Contra-Indications to AI
- The Principles and Practice of Hygiene, and the Prevention of the Spread of Disease
- Health risks to the cow - disease spread between animals from poor hygiene practices
- Division of Responsibilities for Disease Control and Zootechnical Quality Service
- Health and Safety
- Management and Handling for Insemination
- Storing and Handling Semen
- Passage of the catheter through the cervix and Insemination Technique
- Potential for Damage to Reproductive Tract
- Practical Difficulties and the Response to them
- Personal Cleansing and Disinfection.

## Other areas of interest

- Evaluating your own performance
- Herd Genomic Reports
- Genetic Improvement.

