



**National Award – Third
Veterinary**

Herbal medication for treatment of mastitis in cows

Vishnu Kumar Sharma
Jaipur, Rajasthan
Scout: Direct

Vishnu Kumar Sharma (50) is an innovator and a traditional knowledge practitioner from Rajasthan. He is a serial innovator who develops machinery-related innovations and practices herbal medicines for various human and animal-related ailments.

Mastitis is an inflammation of the udder tissue in mammary glands due to certain infections or physical trauma. It may cause pain, redness, and swelling of the udder. It may result in loss of milk or a change in texture and quality of milk as well. Vishnu Kumar has developed a herbal formulation for treating mastitis. When administered to the affected

animal, this formulation helps relieve the symptoms gradually.

The validation trials for the herbal practices were carried out at Nagpur Veterinary College, Maharashtra Animal and Fishery Sciences University (MAFSU), Nagpur. The dairy animals suffering from Sub Clinical Mastitis [SCM], diagnosed based on inflammation in the affected quarters, were topically treated with the test medication. It was found that Somatic Cell count(s) decreased from Day 1 of Post Treatment [PT] period. The improvement in udder health was noticed by 5th-day post treatment.