



**National Award – Second  
Veterinary**

**Herbal medication for anestrus**

Vilat Yadav  
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Scout: Kamod Kumar

Vilat Yadav (80) could study only up to 7th standard and thereafter has been practising agriculture for his living. He learned about the herbal medications keenly observing his elders and has been practicing for the last 25 years.

Anestrus is a period of dormancy between two periods of sexual activity in mammals with cyclic breeding. The healer claims to treat animals, which do not enter the reproductive cycle by administering about 25 grams of powder of an herb mixed in water twice daily for a period of up to 10 days. During validation, of the total 12

treated lactational anestrus cows, 9 (75.00%) cows exhibited oestrus in average  $12.67 \pm 4.26$  days. Following artificial insemination in 9 oestrus exhibiting cows, pregnancy was confirmed in 5 (55.55 %) cows with the help of ultrasonography. Of the treated buffaloes (n=12), 11 (91.67%) buffaloes exhibited oestrus in average  $12.67 \pm 4.26$  days. Among artificially inseminated buffaloes in 9 (81.81%) buffaloes the pregnancy was confirmed. This confirms the efficacy of the herbal formulation for anestrus.

*The name(s) of the plant(s) used in the herbal medication have been withheld due to IP reasons.*