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THE UNIVERSITY OF TRANS-DISCIPLINARY HEALTH SCIENCES & TECHNOLOGY

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ODE TO INDIAN KNOWLEDGE SYSTEM

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CONTEMPORARY RELEVANCE OF AYURVEDA- ANIMAL SCIENCES

Ethnoveterinary formulations for important ailments in Bovines

Mastitis (all types)

Water based Preparation

Ingredients: For one day

a) Aloe vera - 250 g; b) Turmeric powder - 50 g; c) Calcium Hydroxide (lime)-15 g; d) Lemon - 6 nos.

Preparation:

(i) Cut Aloe vera whole leaf into small pieces (after removing the thorns).(ii) Blend along with turmeric powder and lime to form a reddish paste.

Application:

(i) Wash, clean and completely milk out all quarters (including unaffected).(ii) Take a handful of the paste and add 200ml of water to make it thin.(iii) Apply the paste diluted in water ten times a day for 5 days each time after following the step (i) above. (iv) Last application of the day should be oil based preparation. (v) Feed two lemons at a time orally (cut into halves) thrice a day for 3 days.

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Mastitis (all types)

Oil based Preparation

Ingredients : For one day

Aloe vera (whole leaf) - 250 g; Turmeric powder - 50 g; Calcium hydroxide (lime) - 15 g; Lemon - 6 no.s ; Mustard or Gingelly oil - 600 ml.

Preparation:

(i) Cut Aloe vera whole leaf into small pieces (after removing the thorns).(ii) Blend along with turmeric powder and lime to form a reddish paste.

Application:

(i) Wash, clean and completely milk out all quarters (including unaffected) and dry the udder.(ii) Take a handful of the paste and add 200ml of mustard or gingelly oil to make it thin.(iii) Apply the paste diluted in oil three times a day for 5 days each time after following the step (i) above. (iv) Feed two lemons orally at a time (cut into halves) thrice a day for 3 days.

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Teat obstruction

Ingredients:

Freshly plucked & clean neem leafstalk-1; Turmeric powder; Butter or Ghee

Preparation:

(i) Nip the neem leafstalk from the top at the required length based on teat length, leaving the base intact. (ii) Coat the turmeric powder & butter/ghee mixture thoroughly on the neem leafstalk. (iii) Clean the affected teat opening thoroughly.

Application:

(I) Insert the coated neem leafstalk with cut end up, base down into the affected teat in an anti-clockwise direction.(ii) Replace with fresh neemstalk after each milking.

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Udder Oedema

Ingredients: For one time

Sesame or mustard oil - 200 ml; Turmeric powder- 1 handful; Garlic-2 pearls.

Preparation:

(i) Heat oil, add turmeric powder and sliced garlic. (ii) Mix well and remove from flame just as the flavour develops (no need to boil). (iii) Allow to cool.

Application:

(i) Apply in a circular manner with force over the entire oedematous region and udder. (ii) Apply 4 times a day for 3 days.

Note: Rule out mastitis before using the formulation.

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Blood in Milk

Ingredients: For one day

Curry leaves - 2 handfuls; Moringa leaves - 2 handfuls; Jaggery - 100 g; Lemon - 6 no.s

Preparation:

Blend curry and moringa leaves to a paste along with jaggery. Cut the lemon in two halves.

Application:

(i) Feed the paste twice daily till the condition resolves.

(ii) Feed two lemons at a time orally (cut in two halves) thrice a day for 3 days.

Note: Carry out EVM treatment for mastitis also.

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Pox/wart/cracks

Ingredients:

Garlic-5 pearls; Turmeric powder - 10 g; Cumin seeds - 15 g; Sweet basil - 1 handful; Neem leaves - 1 handful ; Butter(preferred) or ghee - 50 g.

Preparation:

(i) Soak cumin seeds in water for 15 mts. (ii) Blend all ingredients to a fine paste. (iii) Add butter and mix well.

Application:

(i) Apply on affected part as many times as possible till condition resolves. (ii) Apply after drying the skin surface.

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