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THE UNIVERSITY OF TRANS-DISCIPLINARY HEALTH SCIENCES & TECHNOLOGY

Content Development by TDU Technical Team

Azadi Ka Amrit Mahotsav

ODE TO INDIAN KNOWLEDGE SYSTEM

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CONTEMPORARY RELEVANCE OF AYURVEDA- ANIMAL SCIENCES

Ethnoveterinary formulations for important ailments in Bovines

Retention of Placenta

Ingredients:
White radish -1 full tuber; Lady's finger - 1.5 kg; Jaggery - as required; Salt - as required

Preparation:
(i) Cut each lady's finger into 2 pieces.

Application:
(i) Feed one full tuber radish within two hours of calving. (ii) Feed 1.5 Kg of fresh lady's finger with jaggery and salt if ROP persists after 8 hours of calving. (iii) In case ROP persists even after 12 hours of calving, tie a knot very close to the base and cut 2 inches below the knot and leave it. The knot will go in. (iv) Do not try to remove the retained placenta by hand. (v) Feed one full tuber of radish once a week for four weeks.

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Repeat breeding

Application:
(i) Start treatment on 1st or 2nd day of heat. (ii) Feed orally in fresh form in the following order once a day along with jaggery and salt:
(a)1 white radish daily for 5 days (b) 1 Aloe vera leaf daily for 4 days.(c) 4 handfuls of moringa leaves for 4 days. (d) 4 handfuls of cissus stem for 4 days. (e) 4 handfuls of curry leaves with 5 gram turmeric powder for 4 days. (f) Repeat the treatment once again if the animal has not conceived.

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Prolapse

Ingredients:
Aloe vera gel - from one full leaf; Turmeric powder - one pinch; Mimosa pudica leaves - 2 handfuls.

Preparation:
(i) Remove the gel from a whole leaf. (ii) Wash it multiple times till the sliminess is reduced. (iii) Make volume upto 1 litre by adding water. (iv) Add a pinch of turmeric powder and boil to half the original volume and allow to cool (v) Prepare a paste of M. pudica leaves separately.

Application:
(i) Clean the prolapsed mass (ii) Sprinkle the gel on the prolapsed mass. (iii) Apply M.pudica paste after the gel dries. (iv) Repeat the process as frequently as possible till the condition improves.

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Anoestrus

Application:
Feed orally in fresh form in the following order along with jaggery and salt: (i) One white radish twice a day for 5 days (ii) One Aloe vera whole leaf twice a day for 4 days.(iii) Four handfuls of moringa leaves twice a day for 4 days. (iv) Four handfuls of cissus stem twice a day for 4 days. (v) Four handfuls of curry leaves with 5 gram turmeric Powder twice a day for 4 days.

Note: Carry out deworming 15 days prior to start of treatment.

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Lumpy Skin Disease

A For oral administrations
(to be fed alternatively at a gap of at least one hour)

1 First Preparation

Ingredients: (For one dose)
Betel leaves -10 nos.; Black pepper -10 g; Salt - 10 g; Jaggery - as required

Preparation:
- Blend to form a paste and mix with jaggery
- Feed the dose in small portions orally
- Feed one dose every three hours for the first day (Day 1)
- Feed three doses daily from the second day onwards for 2 weeks (Day 2 onwards)
- Each dose to be prepared freshly

2 Second Preparation

Ingredients: (For 2 doses)
Garlic - 2 pearls; Coriander - 10 g; Cumin - 10 g; Tulsi - 1 handful; Bay leaves - 10 g; Black pepper - 10 g; Betel leaves - 5 nos; Shallots - 2 bulbs; Turmeric powder - 10 g; Chirata leaf powder - 30 g; Sweet basil - 1 handful; Neem leaves - 1 handful; Aegle marmalos (Bel) leaves - 1 handful; Jaggery - 100 g

Preparation:
- Blend to form a paste and mix with jaggery
- Feed the dose in small portions orally
- Feed one dose every three hours for the first day (Day 1)
- Feed two doses daily (One in the morning and other in the evening) from the second day till condition resolves (Day 2 onwards)
- Prepare doses freshly daily

B For external application
(if there are wounds)

Ingredients:
Acalypha indica leaves -1 handful; Garlic - 10 pearls; Neem leaves - 1 handful; Coconut or Sesame oil - 500 ml; Turmeric powder - 20 g; Mehndi leaves - 1 handful; Tulsi leaves - 1 handful.

Preparation:
(i) Blend all the ingredients thoroughly. (ii) Mix with 500 ml coconut or sesame oil and boil and bring to cool.

Application:
Clean the wound and apply directly.

If maggots are seen:
Apply Anona leaf paste or camphorated coconut oil for the first day only if maggots are present.

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