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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

Tick/Ectoparasites

Ingredients:
Garlic - 10 pearls; Neem leaves - 1 handful; Neem fruit - 1handful; Acorus rhizome - 10 g; Turmeric powder - 20 g; Lantana leaves - 1 handful; Tulsi leaves - 1 handful.

Preparation:
(i) Blend all the ingredients. (ii) Add one litre of clean water. (iii) Strain with a fine sieve or muslin cloth.(iv) Transfer to a bottle attached to a sprayer.

Application:
(i) Spray on the entire body of the animal. (ii) Also spray on any cracks and crevices in the cattle shed.(iii) Application can also be done using a cloth dipped in the solution.(iv) Repeat once a week till the condition resolves. (v) Do the application only during sunny part of the day.

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Hygroma (swelling of joints)

Ingredients:
Aloe vera - 100 g; Lime (Calcium hydroxide) - 10 g; Cissus quadrangularis stem - 100g; Turmeric Powder - 15 g; Garlic - 5 cloves; Gingelly oil - 1litre.

Preparation:
(i) Blend all the ingredients to a paste (ii) Boil in 1 litre gingelly oil and allow to cool.

Application:
(i) Apply four or five times a day on affected part. (ii) Give hot water fomentation twice daily.

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Worms

Ingredients: For one day
Onion- 1 no; Garlic-5 pearls; Mustard seeds - 10 g; Neem leaves - 1 handful; Cumin - 10 g; Bitter gourd - 50 g; Turmeric Powder - 5 g; Pepper- 5 g; Banana stem - 100 g; Common leucas -1 handful; Jaggery - 100 g.

Preparation:
(i) Soak pepper , cumin and mustard seeds for 30 mts. (ii) Blend along with other ingredients to form a paste.

Application:
(i) Roll the paste into small balls. (ii) Administer in small portions with salt once daily for 3 days.

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Downer (not able to get up)

Ingredients: For one dose
Desi chicken eggs - 2; Moringa leaves - 4 handfuls; Cissus quadrangularis - 4 handfuls; Jaggery - as required.

Preparation:
(I) Take fresh unboiled eggs (ii) Make a paste of Moringa and Cissus stem separately with jaggery.

Application:
(i) Feed 2 eggs (including shell) at a time, three times a day (make a small hole in the shell before feeding the egg). (ii) Feed moringa and cissus stem paste alternatively every 2 hours (four handfuls at a time) (iii) Do not attempt to lift the animal till the 4th day.

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Allergy/Poisoning/Venomous sting/bite

Ingredients: For one dose
(Three Kings: as per Tamil traditional Siddha lore)
Betel leaves -10 no.s; Black pepper - 10 g;
Salt - 10 g; Jaggery - as required.

Preparation:
(i) Blend the ingredients to form a paste. (ii) Mix with jaggery.

Application:
(i) Feed the dose in small portions (ii) Administer 3 doses daily for 2 weeks.

Note : Alternatively 2-3 drops may be instilled in eye every one hour in critical conditions (without jaggery).

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Toxicity (Pesticide/HCN/Mycotoxin)

Ingredients:
Three kings : For one dose
Betel leaves - 10 nos; Black pepper - 10 g; Salt - 10 g; Jaggery - as required.
Other preparation: For one day
Tamarind - 1 Kg; Water - 1 Litre; Moringa extract from 1 Kg leaves.

Preparation:
Three kings preparation
(i) Blend Betel leaves, Black pepper and salt to form a paste (ii) Mix with jaggery.
Other ingredients preparation
(i) Soak tamarind pulp for 15 minutes. (ii) Extract the juice from the pulp (iii) Add water, moringa leaf extract and jaggery (iv) Mix it thoroughly.

Application:
(i) Give the first dose of three kings (ii) Feed 200 ml of the tamarind-moringa-jaggery as a thick slimy mixture every 2 hours (iii) Feed doses of three kings mixture in between.

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