

Herbal Treatment for Animals followed by Mr. Dhanapalan



There are many traditional ethnoveterinary practices followed by local healers in Palakkadu region of Kerala . Mr Dhanapalan (43) has been working as livestock inspector in Kerala animal husbandry department . He studied MA M.Phil in public administration. He has documented many ethno veterinary practices over the last 17 years and he also practiced by testing them in hundreds of animals when he is in charge of goat farm in Palakkadu region and now he shares those practices practiced by him which are effective. He also visits many places to attend farmers meetings for sharing his experiences on herbal medicine for animals as resource person .

1.Mastitis in Dairy Cows:

Take one or two fruits of *Datura stramonium* (Malayalam:Ummam, Tamil:Umathai) (violet flowered Datura is better than the white flowered one). Cut one end smoothly just like removing the lid of a vessel. Remove the seeds. Fill it with black Sesame (*Gingelly-Sesamum indicum*, Tam& Mal:Ellu) seeds (with glumes). Close with the lid like cut end of the fruit. Wrap it with *Tinospora cordifolia* (Tam&Mal: Chittamrith) leaves. Cook it in milk (for treating cow, buffalo milk is better and vice versa). Crush the content (whole) with the same milk used for cooking. Make it as a paste. If milk is not available at all, cook the wrapped packs in steam using an idly cooker. Crush it to a fine paste with fresh and pure lemon (*Citrus limon*, Tam:Elumichai, Mal:Cherunaranga) juice.

Boil two handful of fenugreek(*Trigonella foenum-graecum*, Tam:Venthayam, Mal: Uluva) in 3 liter of water and cool it.

Throw cold water upon the affected udder forcefully and rapidly. Strip out all the contents from the udder. Wash the udder with the fenugreek water (already prepared as above). Wipe

the udder with a dry clean cloth. Apply the prepared paste many times a day according to the severity. Continue for a week or as long as it heals well. (The ointment prepared once should not be kept more than 24 hours)

2,Physiological Oedematous condition during advanced pregnancy or calving.

Swellings noticed in the udder extended to naval region.

- Crush the *touch me not* plant as whole (Mimosa pudica, Tam: Thotta sinungi, Mal:Thottavadi) to a fine paste and apply on the oedematous area.
- Apply dry extract of Aloe vera (Mal: Channinayakam, Tam: Rattappakalam) in glycerine.

3,To Rejuvenate the damaged cells and tissues in connection with mastitis:

- 100 g each of Boerhavia diffusa (Mal:Thazhuthama, Sanskrit: Punarnava) and Aerva lanata (Mal: Cherua, Tam: Siru puly, Hindi:Gorakhbuti or Kapuri jadi) is boiled in 3 ltrs of water, make it to one liter . Administer this decoction two times daily orally.

4.For digestive disorders:

- Partially ripened fruit of papaya (Carica papaya, Tam: Pappali) can be administered orally.
- Equal quantity of garlic (Allium sativum, Tam:Vellai poondu, Mal:Veluthulli), ginger (Zingiber officinale, Tam&Mal: Inji), asafetida (Ferrula asafetida, Tam&Mal: Perumkayam), pepper (Piper nigrum, Tam&Mal: Kurumilaku) and betel leaf (Piper betle, Tam: Vetrilai, Mal:Vettila) are ground to a paste and administer orally. (Quantity is based on the severity and physical condition of the animal. 25 g each can be taken for average cattle).
- Pure ginger juice 50 ml is mixed with 50 gm of baking soda (Sodium bicarbonate). Mix it with lukewarm water and administer orally.
- 100 g ajowan (*Trachyspermum ammi*) (Tam: Omam, Mal:Ayamodhakam) is boiled in 1 lit water and make into one third and administer orally at 3 hours interval .
- Dried ginger 25gm, Ajowan 25 gm, garlic 25 gm cumin (Cuminum cyminum, Tam&Mal:Jeerakam) 25 g, pepper 10 nos, cardamom (Elettaria cardamomum, Tam&Mal:Elam) 10 nos, are ground well and administered in lukewarm water orally at an interval of 6 hrs.
- Onion 200 gm, Ajowan and supporting roots (Adventitious prop roots) of Banyan tree (Ficus benghalensis, Tam:Alamaram, Mal: Peral) 100 gm each are ground well and administered orally.

- Equal quantity of garlic and baking soda are ground in ginger juice and administered orally.

5.For Tympanitis:

- 100 ml each of castor oil (*Ricinus communis*, Tam:Vilakkennai, Mal:Avanakkenna) and lukewarm water are shaken well up to brisk forming and administered orally at an interval of 4-6 hrs.
- 200 gm of pongmia (*Pongamia pinnatta*, Tam:Pungamaram, Mal:Ungu) is boiled in 1 ltr water and made to 500 ml. The juice of two lemon and 5 gm of baking soda are mixed with the above decoction and administered orally at an interval of 6 hrs.
- 50-100 ml each of ground nut oil (*Arachis hypogaea*, Tam&Mal:Kadala enna) and turpentine oil, shaken well to form a frothy appearance and administer orally at an interval of 2-4 hours.

6.For Helminthiasis:

- Take half tumbler each curd and butter milk, keep it in a copper vessel for 24 hrs. Add 5-6 tumbler water to dilute and administer 2-6 tumblers early morning for 3-5 days.
- Grind one handful of *Asparagus racemosus* (Tam: Sathavary, Mal: sathavary) tubers in water and administer 2-6 tumblers early morning for 3-5 days.
- Grind 25 – 100 g of dried papaya seeds in 250 ml water and administer early morning for 3-5 days
- 25-100 gram each of papaya seeds and cane sugar are ground well and administered early morning for 3-5 days.
- Administer the raw juice of Agathi leaf (*Sesbania grandiflora*) 50 to 200 ml early morning for 5-7 days
- Take 100 g each of Neem (*Azadirachta indica*, Tam:Veppu, Mal:Aryaveppu) barks and castor root. Boil in 1 litre water. Make to 1/3 rd. Administer 50 – 350 ml of this decoctions early morning for 3 days.
- Grind 10 g each of Garlic and pepper, Boil in 100 ml of neem oil. Administer 10 -30 ml orally for 3 days every month.
- Add the raw extract of one lemon with 25 ml of gingelly oil (sesame oil) and administer orally for 3 days every month
- Grind 2 handful of bitterguard (*Memordica charantia*, Tam: Pakaikkai, Mal:Kaipakka or pavakka)) in water and 3 days each every month early morning. (It should not be administer to the animals in early pregnancy up to 3 months).

- Administer 50 – 150 ml of mustard oil (*Brassica nigra*, Tam&Mal: Kaduku) early morning one week each every month.

7. Diarrhea:

- Grind *Aerva lanata* (Cherula) in rice wash and administer 2-3 times daily.
- Grind one handful each of tender leaves of pomegranate (*Punica malus*, Tam; Mathulai, Mal:Mathalam) and barks of Jambolan (*Syzygium cumini*, Tam:Nakaimaram, Mal:Njaval) tree in tender coconut water and administer 3 times daily until diarrhea gets cured.
- Grind curry leaf (*Murraya koenigi*, Tam:Kariveppilai, Mal:Kariveppila) 50-100 gram and administer 2-3 times daily diarrhea gets cured.
- Grind one handful of bamboo leaves (*Bambusa spp.*, Tam: Moonkil, Mal:Illli/Mula) in butter with and administer 3 times daily diarrhea gets cured.

8. For enteritis:

- One handful each of tender leaves of Indian laburnum (*Casia fistula*, Tam:Konnai, Mal:Kanikkonna) and betel leaf are boiled in 1 ltr. water make in to 1/3 rd. administer 50 -100 ml of this decoction 2 times daily

9.For Ectoparasites:

- Mix common salt in castor oil and apply.
- Whole plant extract of *Lantana camara*, Tam:Unnichedi, Mal:Arippoochedi/Konginihedi) should be diluted with the urine of cattle and apply externally.
- Mix rock salt (Potassium chloride) with neem oil and apply.

10. Dermatitis:

- Root barks of *Pongamia pinnatta* should be ground in the oil of pongamia seeds and apply externally.
- Grind 10 g turmeric powder with 50 g touch me not (*Mimosa pudica*) and boil in 100 ml of neem oil. Apply it externally.
- Apply the latex of *Calotropis gigantea*, Tam&Mal:Erikku) externally.
- Put 1 kg of the leaf of Dandappala (*Wrightia tinctoria*, Tam:Veppalai, Malayalam : Dhandhappala/Ayappala) in a wide necked glass jar having sufficient capacity with lid. Pour 1 ltr pure coconut oil in the jar containing dandappala leaf. Close the jar with the lid tightly. Keep it in clear and hot sunlight during day time and keep inside home at nights for 7 days. The oil colour will become dark bluish

violet and the leaf will become deep fried structure. Then pour out the oil from the jar carefully. (Don't crush or squeeze the leaf). This oil can be applied for any dermatitis or psoriasis conditions.

11.Warts:

- Apply a fine paste of copper sulphate (Tam: Thutham, Mal: Thurisu) in water and apply carefully on the warts 3-4 time a day. Care should be taken that it should not be applied on normal body parts. Because it is very caustic).
- Take common salt in a cloth and rub it many times daily.

12.Respiratory tract Infections:

- Take Ocimum (Ocimum sanctum, Tam & Mal: Thulasi) 100 gm, dried ginger 50 gm, pepper 10 nos, betel leaf and clove (Syzygium aromaticum, Tam& Mal: Krampoo): 5 each . Grind these with 100 g of jaggery and boil in 250 ml water. Administer 100 – 250 ml of the decoction 2-3 times daily
- Coriander (Coriandrum sativum,Tam&Mal:Malli) 250 gm, Ocimum 50 gm, Jaggery 50 gm, Garlic 25 gm, camphor (Cinnamonum camphora, Tam&Mal:Karpooram) 5 gm and 10 nos of pepper are grind well and administer orally 2 times daily.

13.Foot and Mouth Disease:

- Grind papaya fruits well with honey and apply on mouth, tongue and lips. Boil camphor with neem oil and apply externally on affected hooves etc.
- Warm plantain (Musa spp., Tam:Vazhai, Mal:Vazha) leaf. Spread pig fat oil (old) over it and administer orally.
- Crush Pig fat oil with Robusta Plantain Fruit and feed internally.
- Apply teak oil on wounds.

14.Cracks and wound on Udder:

- Burn coconut fibre (Cocos nucifera, Coir, Tam: Thenkai maanji, Mal: Thenga Chakiri), mix its ash with castor oil and apply.

15. Pyrexia

- Dried ginger, pepper, garlic, betel leaf and Tulsi are boiled in horsegram (Macrotyloma uniforum, Tam: Kollu, Mal:Muthira) decoction with a piece of neem bark and administer 3 times daily.

16. Avulsion / Broken horn:

- Bandage with the milk / latex of banyan tree . (Should not wet with water) .
- Bandage with onion juice. (If wet with water, no problem) .

17. Maggot wound:

- Grind tender fruit or tender leaf of Sugar apple (Anona squamosa, Tam: Seetha, Mal:Aatha) and pack the wound.

18. New wound:

- Dress with the juice of onion.

19. Warts:

- Mix lime with the fresh juice of ginger as a paste and apply on warts
- Make a paste of copper sulphate with water and apply

20. General disease of Poultry including RD:

- Equal quantity of the juice of fresh turmeric (Curcuma longa, Tam & Mal:Manjal), garlic and onion are mixed and administered 2-10 drops orally 4 times daily.
- For prevention:-Equal quantity of turmeric, garlic and onion are copped and fed with other poultry feed occasionally.

21. Lice infestation of poultry:

- Spread crushed leaves of Annona squamosa inside poultry nest. Lice collected in the leaves can be disposed safely.
- Spread the leaves of Calotropis inside the nest. Lice collected in the leaves can be disposed safely.

22. For Diarrhea in Poultry birds:

Take equal quantity of garlic, onion, fresh Turmeric and grind them together and it is filtered and the extract is collected. Administer the extract 10 drops to each bird orally. It is very effective as preventive treatment. The residue left out after the extraction is included in the animal feed for the birds.

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