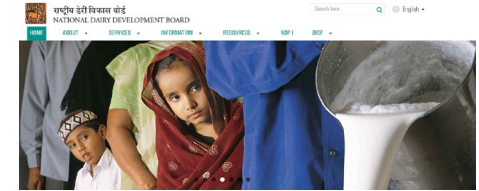


Nature based solutions: herbs for dairy



Ethnoveterinary Medicine in India

India is the largest milk producer of the world. Based mainly on small holder farmers. The National Dairy Development Board advocates for ethnoveterinary medicine, remedies readily available from local herbs and very effective. This results in healthier animals, less residues of antibiotics in the milk, improved milk production and quality. They have a specific Dairy Knowledge Portal with lots of information for farmers. The NDDB organizes EVM training for veterinarians and farmers and training materials are available on their website. Driving forces behind these training programs are prof. B.N.M. Nair and prof. N. Punniamurthy, who dedicated their life to promote ethnoveterinary medicine for animal health.

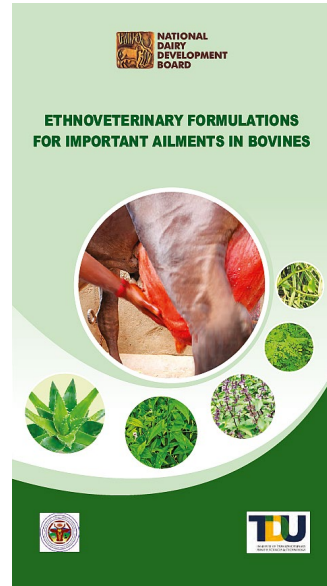


Table 1. Feedback from various milk societies through NDDB through ENAP on the efficacy of EVPs for 19 clinical conditions in cattle

Clinical condition	Number of Animals treated	% cure
Mastitis	38305	93.27
Indigestion	9212	90.68
Foot & Mouth (FMD)	11669	93
Foot lesion	4388	92
Fever	51691	92.5
Diarrhea	50015	96.72
Joint swelling	500	90
Bloat	1830	86.75
Udder edema	1982	95.49
Repeat breeding	4637	84.37
Deworming	5906	95.77
Wound	1335	83
Uterus prolapse	429	76
Retention of Placenta (ROP)	1128	74
Downer	999	76
Udder pox, warts	658	67.6
Teat obstruction	1134	75.5
Ectoparasites /Ticks	1401	93.57
Haemogalactia	1336	95.5

Dairy Knowledge Portal



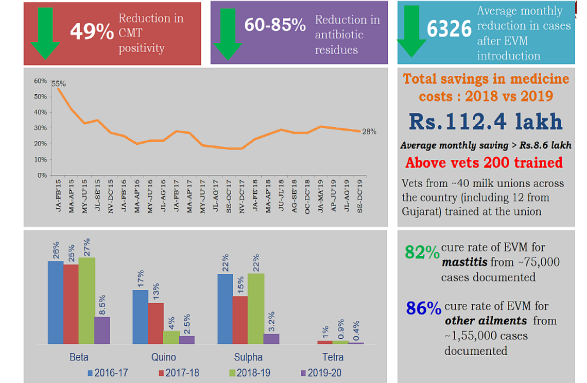
Synopsis
Cattle and buffaloes account for more than 50% of the livestock population in India, according to the latest census. The National Dairy Development Board (NDDB) is aggressively promoting use of ethno-veterinary medicine after seeing success in a pilot project run at Sabarkantha dairy in Gujarat.

PUNE: The Indian dairy industry is promoting use of 'pashu ayurveda', or ethno-veterinary medicine, to help control **animal diseases** and decrease the chances of pathogens jumping from them to humans, as in the case of novel coronavirus.

EVM training, results of last 12 years

- 1750 veterinarians trained in EVP
 - 61 vets completed EVP Post Graduate Diploma course
 - 516 village resource persons trained
 - 60 officers from the various milk unions trained
 - Over 30,000 farmers trained and implemented EVP
 - Dairy companies involved: NDDB, AMUL, KMF, Abbott, MILMA & MILK Unions from 14 states
 - Universities involved-LUVAS, KVASU
- State Government involved: Haryana, Sikkim and Punjab

ACHIEVEMENT DASHBOARD 2015-16 to 2019-20



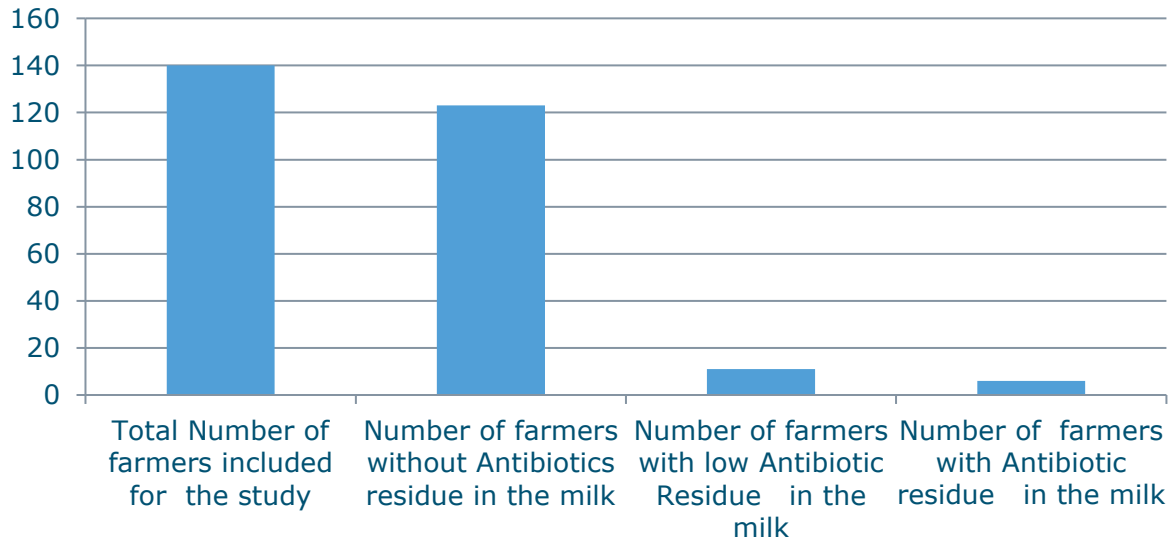
Dr. M.J. Groot, Wageningen Food Safety & Research, Akkermaalsbos 2, 6708 PW Wageningen, Netherlands
 Prof. M.N.B. Nair, GLOHMSIWA and Natural Livestock Farming NLF INDIA



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Farmer Sample After one year intervention

- Effects of NBS for antibiotic residues in milk



Home Herbal Garden

