Mastitis losses in India

Clinical mastitis
Rs.1700 crores
(30%)

Sub-clinical mastitis
Rs.4300 crores
(70%)

Losses due to mastitis are double than that caused by infertility or reproductive problems.

Mastitis control project have started first time in the India with NDDB
Treatment of subclinical mastitis

- Sabar Sanjivani pouch
- Trisodium Citrate powder
- Moringa & zinc
- Jivanti & satavari
- Three to four lemon or Trisodium Citrate powder

Sabar Sanjivani pouch
EVM FOR MASTITIS

Requierment
Aloevera-250 gm
Turmeric powder-50gm
Calcium oxide-15-20 gm
EVM Product For Different Aliments

Sudarshan  Saral  sabar Mix  Sanjivani  Ute.Cleanser

Alo Sabar  Sabar Soda  Amrut
WHY EVM?

- Presence of antibiotic residues in milk and milk products may be an issue due to indiscriminate use and non-adherence to withdrawal period.
- Antibiotic residues interferes with the manufacture of several dairy products by delaying starter culture activity for cheese, curd and other fermented products.
- Cost-effective, simple and efficacious.
- EVM for managing many ailments can be prepared by the farmer himself from ingredients mostly available in his/her household.
- Emerging threat of Antimicrobial resistance (AMR) occurring in both animals and humans.
- Easiest way to rationalize the use of drugs and antibiotics.

Note: SabarDairy is pioneering in EVM activity in the India
Issues faced in propagation of EVP in initial stages

- First lack of confidence on EVM
- Use of calcium hydroxide (Tobacco) & quality of calcium oxide.
- Improper paste preparation (not using blender)
- Less support from field vets at initial stage.
- Result dependent upon correct procedure of preparation and application (eg. mastitis EVP must be thin and must be applied by firm massage on udder)
- Farmer not willing for frequent application.
EVM by vets. Of SabarDairy
Extension activity through poster
Different milk union across the India visited our union
Training to 300 vets of member union
Decline Antibiotic Consumption Due TO EVM

<table>
<thead>
<tr>
<th>Year</th>
<th>Consumption</th>
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<tbody>
<tr>
<td>2017-18</td>
<td>188,582,084.46</td>
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<tr>
<td>2018-19</td>
<td>161,235,440.09</td>
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<td>2019-20</td>
<td>65,519,668.66</td>
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<td>2020-21</td>
<td>54,387,560.00</td>
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<tr>
<td>2021-22</td>
<td>55,913,040.07</td>
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NDDB innovation award: Ethnoveterinary Practices (EVHP) implementation