

## **EVP Formulation for treatment of Mastitis**

### **Acute Mastitis/ Sub-acute Mastitis/ Subclinical Mastitis:**

#### **Ingredients: For one day paste and one day oral dose.**

For preparation of paste (quantity for one day)	For oral feeding: (Quantity for one day)
<ul style="list-style-type: none"><li>• Aloe vera (ग्वारपाठा): 250 g</li><li>• Turmeric powder (हल्दी): 50 g</li><li>• Calcium Oxide/hydroxide (चुना): 15 g</li></ul>	<ul style="list-style-type: none"><li>• Lemon (नीम्बू): 2-3 once daily</li><li>• Curry Leaves (कड़ी पत्ता): 2 Handful twice daily</li><li>• Jaggery (गुड़)</li></ul>

#### **Method for preparation of paste:**

Take 250 g fresh Aloe vera (ग्वारपाठा) leaf, cut in to pieces and grind it alone to make fine paste in grinder. It should not be peeled. Now add 50 g Turmeric powder (हल्दी) and 15 g Calcium Oxide/hydroxide (चुना) to paste and again grind to form brick red coloured paste.

#### **Method of application:**

1. Take approximately 1/10<sup>th</sup> part of thick brick red paste in a bowl and add 100 – 150 ml water to dilute. Diluted solution should be of consistency as of mustard oil.
2. Wash the complete surface of udder with water and empty all the quarters irrespective of mastitis in one quarter or all four quarters.
3. Now apply diluted solution on complete udder and teats with bare hands only (Don't use cloth or cotton).
4. Repeat the above process 8 to 10 times daily. Higher is the frequency of application faster is the recovery and vice versa. Washing and emptying of udder each time before applying paste is necessary.
5. For last application during night, dilute the paste with mustard oil instead of water for prolonged effect. Oil preparation should be applied on dry surface after emptying all quarters.
6. Repeat above process for 3-5 days.
7. Feed 2-3 lemons (cut in two pieces and apply salt) once daily for 3-5 days.

#### **Important Precautions:**

1. Always prepare fresh paste daily. Use aloe vera leaf within two hours of cutting from plant.

2. To enhance absorption of paste during winters, wash udder with warm water to increase blood supply and dilute paste with slightly warm water.
3. Always demonstrate thoroughly method of preparation, dilution and application to farmer for success of this treatment. Only verbal communication with farmer makes lot of difference in successful treatment of mastitis by this particular formulation.

### Haemorrhagic mastitis:

Feed 2 Handful of Curry Leaves (कड़ी पत्ता) mixed with jaggery twice daily for 3-5 days in case of hemorrhagic mastitis along with standard mastitis formulation as explained above.

### Chronic Mastitis with Fibrosis of udder tissue:

#### Ingredients:

To prepare paste: (quantity for one day)	For oral feeding: (Quantity for one day)
<ul style="list-style-type: none"><li>• Aloe vera (ग्वारपाठा): 250 g</li><li>• Cissus quadrangularis (हडजोड): 100 g (fresh) or 30 g (Dry)</li><li>• Turmeric powder (हल्दी): 50 g</li><li>• Calcium Oxide/hydroxide (चुना): 15 g</li></ul>	<ul style="list-style-type: none"><li>• Lemon (नीम्बू): 2-3 once daily</li></ul>

#### Method for preparation of paste:

Take 250 g fresh Aloe vera (ग्वारपाठा) leaf, cut in to pieces and grind it alone to make fine paste in grinder. It should not be peeled. Now add either 100 g fresh or 30 g dried stems powder of Cissus quadrangularis (हडजोड) if fresh not available and grind again to make paste. Now add 50 g Turmeric powder (हल्दी) and 15 g Calcium Oxide/hydroxide (चुना) to paste and again grind to form brick red coloured paste. **(Take 300-350 g Aloe vera leaf if dried Cissus quadrangularis is used instead of 250 g used in case where fresh Cissus quadrangularis is available.)**

#### Method of application:

Same as discussed earlier in lactating animal for 21 to 28 days.

### **Mastitis in Dry period/ Non-lactating phase:**

- In acute or subclinical mastitis in non-lactating animals (dry period) standard mastitis therapy should be used after dilution with mustard oil instead of water three times a day for 3-5 days.
- In case of fibrosis/ chronic mastitis, therapy for chronic mastitis as discussed earlier should be used after dilution with mustard oil (सरसों तेल) or sesame oil (तिल तेल) three times a day for 21-28 days.

### **For prevention of Mastitis in Dry period/ Non-lactating phase:**

Standard formulation as discussed earlier for acute mastitis diluted in mustard oil (सरसों तेल) three times a day for two days in a week is helpful in prevention of mastitis during dry period.

### **Oil preparation to be used during night in case of mastitis:**

#### **Ingredients:**

Garlic (लहसुन): 10 pearls, Turmeric powder (हल्दी): 10 g, Tulsi leaves (तुलसी): 1 handful, Sesame oil (तिल तेल): 250 ml

#### **Method of preparation:**

Grind tulsi leaves and garlic to form paste. Now take Sesame oil (तिल तेल) and add turmeric powder along with paste prepared. Heat oil for 5-10 minutes on moderate flame and allow cooling the oil. Apply this oil on dry udder after emptying all quarters.

### **EVP Formulation for treatment of Haemogalactia without mastitis**

#### **Ingredients:**

Camphor (कपूर): 5 g, Banana (केला): 1

#### **Dosage:**

Feed Camphor (कपूर) mixed with ripened Banana (केला) OD for 4 days.

## **EVP Formulation of Galactagogue for Agalactia or No let down of milk after parturition**

1.

**Ingredients: For one dose of adult animal.**

Garlic (लहसुन): 10 g, Ginger (अदरक): 10 g, Common Salt (नमक): 10 g, Sodabica (मीठा सोडा): 10 g, Jaggery (गुड़): 10 g

**Dosage:**

Grind above ingredients to form paste and feed B.I.D. for 10-15 days.

2.

**Ingredients: For one dose of adult animal.**

Satavari Root (सतवारी जड़): 50 g, White Cumin (सफ़ेद जीरा): 50 g, Jaggery (गुड़): 500 g

**Method of preparation:**

Grind Satavari Root (सतवारी जड़) and White Cumin (सफ़ेद जीरा) to form powder. Boil 500 g jaggery (गुड़) in 2 litres of water to make solution. Add powder to this solution after cooling.

**Dosage:**

Feed above mixture OD for 5-6 days.

## **EVP Formulation for treatment of Teat stenosis/obstruction**

**Ingredients:**

Neem leaf stalk (नीम पत्ती डंठल), Turmeric powder (हल्दी), Butter/ Ghee (मक्खन/घी)

**Method of preparation:**

Take fresh neem leaf stalk and cut it equal to length of teat taking care of nodule present at base of leaf stalk. Prepare paste of turmeric powder and butter.

### **Method of application:**

Empty the quarter having teat stenosis. Apply paste of turmeric and butter over neem leaf stalk over entire length. Insert the coated leaf stalk hygienically into affected teat smoothly by rotating in clockwise/ anticlockwise direction and leave it till next milking. Remove the stalk at next milking time and apply fresh neem stalk again. Never reuse the stalk after removing. Always use fresh green stalk. Repeat process till complete recovery.

If animal suffering from mastitis along with teat stenosis, follow standard mastitis formulation for 3-5 days along with this formulation.

### **EVP Formulation for treatment of Udder Oedema**

#### **Ingredients:**

Garlic (लहसुन): 2-3 pearls, Turmeric powder (हल्दी): 50 g, Sesame oil (तिल तेल): 200 ml

#### **Method of preparation:**

Heat 200 ml Sesame oil (तिल तेल) and add 50 g turmeric powder along with 2-3 sliced garlic pearls. Remove oil from flame once flavor develops (No need to boil oil) and allow cooling the oil.

#### **Method of application:**

Apply the oil preparation in a circular manner forcefully over entire oedematous region (Ventral Abdomen/ Udder/ Limbs). Apply 3-4 times a day for 3 days. Rule out mastitis before using this formulation.

### **EVP Formulation for treatment of Bloat / Indigestion**

**Ingredients: One dose for adult animal. For calf: 1/5<sup>th</sup> of adult dose.**

Cumin (जीरा): 10 g, Black Pepper (काली मिर्च): 10 g, Turmeric powder (हल्दी): 10 g, Onion (प्याज): 100 g, Garlic (लहसुन): 10 pearls, Ginger (अदरक): 100 g, Beetle Leaves (पान के पत्ते): 10, Dry Chilly (मिर्च): 2 pieces, Jaggery (गुड़): 100 g

### **Method of preparation & Dosage:**

Soak Cumin (जीरा) and Black Pepper (काली मिर्च) for 20-30 minutes and grind to form paste. Add Onion (प्याज), Garlic (लहसुन), Ginger (अदरक), Dry Chilly (मिर्च) and Beetle Leaves (पान के पत्ते) and again grind. Now add Turmeric powder (हल्दी) and Jaggery (गुड़) and mix thoroughly.

Feed above mixture thrice daily in case of bloat and twice daily in case of indigestion for 3-5 days.

### **EVP Formulation for treatment of Diarrhoea/Calf Scour**

1.

**Ingredients: One dose for adult animal. For calf: 1/5<sup>th</sup> of adult dose.**

Cumin (जीरा): 10 g, Black Pepper (काली मिर्च): 10 g, Fenugreek seeds (मेथी): 10 g, Turmeric powder (हल्दी): 10 g, Poppy Seeds (खसखस): 5g, Asafoetida (हिंंग): 5 g, Onion (प्याज): 1 piece, Garlic (लहसुन): 1 pearls, Curry Leaves (कड़ी पत्ता): 1 Handful, Jaggery (गुड़): 100 g

#### **Method of preparation:**

Dry fry Cumin (जीरा), Black Pepper (काली मिर्च), Fenugreek seeds (मेथी), Poppy Seeds (खसखस) and Asafoetida (हिंंग) on moderate flame till they are smoking. Remove it from fire, cool and powder them. Grind Onion (प्याज), Garlic (लहसुन), Curry Leaves (कड़ी पत्ता) and Turmeric powder (हल्दी) to form paste. Now mix Jaggery (गुड़) to powder prepared and paste and make into small balls. Prepare fresh medicine everytime.

#### **Method of application:**

Touch these mixture balls with salt and feed to animal once daily for 1-3 days.

2.

**Ingredients: One dose for adult animal. For calf: 1/5<sup>th</sup> of adult dose.**

Neem leaves (नीम): 1 handful, Guava leaves (अमरुद): 1 handful, Pomegranate leaves (अनार): 1 handful, Dried Ginger (सोंठ): 50 g, Jaggery (गुड़): 100 g

**Method of preparation:**

Grind one handful each tender leaves of Neem (नीम), Pomegranate (अनार) and Guava (अमरुद) to form paste. Now mix Dried Ginger (सोंठ) and Jaggery (गुड़) to above paste and prepare small balls of above mixture.

**Method of application:**

Touch mixture balls with salt and feed to animal once daily for 1-3 days.

**3.**

**Ingredients: One dose for adult animal. For calf: 1/5<sup>th</sup> of adult dose.**

Fresh Brinjal (बैंगन): 500 g, Common Salt (नमक): 20 g, Jaggery (गुड़): 100 g
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**Method of preparation & Dosage:**

Roast Brinjal (बैंगन) and cut in to slices. Apply Common Salt (नमक) and Jaggery (गुड़). Feed to animal once daily for 1-3 days.

**EVP Formulation for treatment Upper respiratory tract infection**

**Ingredients: One dose for adult animal. For calf: 1/5<sup>th</sup> of adult dose.**

Cumin (जीरा): 10 g, Black Pepper (काली मिर्च): 10 g, Turmeric powder (हल्दी): 10 g, Garlic (लहसुन): 5 pearls, Beetle Leaves (पान के पत्ते): 5- 10, Tulsi leaves (तुलसी): 1 handful, Coleus Aromaticus (पत्ता अजवैन): 2 Leaves, Jaggery (गुड़): 200 g
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**Method of preparation & Dosage:**

Soak Cumin (जीरा) and Black Pepper (काली मिर्च) and grind to form paste. Grind Garlic (लहसुन), Beetle Leaves (पान के पत्ते), Tulsi leaves (तुलसी), Coleus Aromaticus Leaves (पत्ता अजवैन), Turmeric powder (हल्दी) and Jaggery (गुड़) to form paste.

Feed above mixture twice daily for three days.

## **EVP Formulation for Fever**

1.

**Ingredients: One dose for adult animal. For calf: 1/5<sup>th</sup> of adult dose.**

Cumin (जीरा): 10 g, Black Pepper (काली मिर्च): 10 g, Coriander seed (धनिया): 10 g, Turmeric powder (हल्दी): 10 g, Dry Cinnamon leaves (दालचीनी): 10 g, Chirayata/ Kirayat leaf powder (चिरायता): 20 g, Garlic (लहसुन): 2 pearls, Onion (प्याज): 2 bulb, Beetle Leaves (पान के पत्ते): 5, Tulsi leaves (तुलसी): 1 handful, Neem leaves (नीम): 1 handful, Sweet Bassil (मरवा): 1 handful, Jaggery (गुड़): 200 g

### **Method of preparation & Dosage:**

Soak Cumin (जीरा), Black Pepper (काली मिर्च) and Coriander seed (धनिया) for 20-30 minutes and grind to form paste. Add Garlic (लहसुन), Onion (प्याज), Beetle Leaves (पान के पत्ते), Tulsi leaves (तुलसी), Neem leaves (नीम) and Sweet Bassil (मरवा) and again grind. Now add Turmeric powder (हल्दी), Dry Cinnamon leaves (दालचीनी), Chirata leaf powder (चिरायता) and Jaggery (गुड़) to paste and mix properly.

Feed above mixture twice daily for 3-5 days.

2.

**Ingredients: One dose for adult animal. For calf: 1/5<sup>th</sup> of adult dose.**

Cumin (जीरा): 10 g, Black Pepper (काली मिर्च): 5 g, Onion (प्याज): 5 bulb, Beetle Leaves (पान के पत्ते): 5, Chirayata/ Kirayat leaf powder (चिरायता): 20 g, Jaggery (गुड़): 100 g

### **Method of preparation & Dosage:**

Soak Cumin (जीरा) and Black Pepper (काली मिर्च) for 20-30 minutes and grind to form paste. Add Onion (प्याज) and Beetle Leaves (पान के पत्ते) and again grind. Now add Chirayata/Kirayat leaf powder (चिरायता) and Jaggery (गुड़) and mix thoroughly.

Feed above mixture thrice daily for 3-5 days.



## **EVP Formulation for Pneumonia**

**Ingredients: One dose for adult animal. For calf: 1/5<sup>th</sup> of adult dose.**

Cumin (जीरा): 10 g, Black Pepper (काली मिर्च): 10 g, Coriander seed (धनिया): 10 g, Turmeric powder (हल्दी): 10 g, Dry Cinnamon leaves (दालचीनी):10 g, Chirayata/ Kirayat leaf powder (चिरायता): 20 g, Garlic (लहसुन): 5 pearls, Onion (प्याज): 2 bulb, Beetle Leaves (पान के पत्ते): 10, Tulsi leaves (तुलसी): 1 handful, Neem leaves (नीम): 1 handful, Sweet Bassil (मरवा): 1 handful, Coleus Aromaticus (पत्ता अजवैन): 2 Leaves, Jaggery (गुड़): 200 g

### **Method of preparation & Dosage:**

Soak Cumin (जीरा), Black Pepper (काली मिर्च) and Coriander seed (धनिया) for 20-30 minutes and grind to form paste. Add Garlic (लहसुन), Onion (प्याज), Beetle Leaves (पान के पत्ते), Tulsi leaves (तुलसी), Neem leaves (नीम) and Sweet Bassil (मरवा), Coleus Aromaticus (पत्ता अजवैन) and again grind. Now add Turmeric powder (हल्दी), Dry Cinnamon leaves (), Chirata leaf powder and Jaggery (गुड़) to paste and mix properly.

Feed above mixture twice daily for 7-10 days.

## **EVP Formulation for Heat Stroke / Heat Stress / Hyperthermia/**

**Ingredients: One dose for adult animal. For calf: 1/5<sup>th</sup> of adult dose.**

Indian gooseberry / Amla powder (आवला): 50 g, Fenugreek seeds (मेथी): 10 g, Jaggery (गुड़): 100 g

### **Method of preparation & Dosage:**

Soak Fenugreek seeds (मेथी) for 20-30 minutes and grind to form paste. Add Indian gooseberry / Amla powder (आवला) and Jaggery (गुड़) and mix properly.

Feed above mixture twice daily for 3-5 days.

## **EVP Formulation for Emaciated/ Chronic illness/ Suspected Liver affections/ Jaundice/ Chronic anorexia**

**Ingredients: One dose for adult animal. For calf: 1/5<sup>th</sup> of adult dose.**

Cumin (जीरा): 10 g, Garlic (लहसुन): 6 pearls, Moringa Leaves (सौंजना/सहजन के पत्ते): 4 Handful, Bhumi Amla whole plant (भूमी आमला): 4 Handful, Jaggery (गुड़): 100 g
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### **Method of preparation & Dosage:**

Soak Cumin (जीरा) for 30 minutes and make paste along with Garlic (लहसुन), Moringa Leaves (सौंजना/सहजन के पत्ते) and Jaggery (गुड़). Feed this paste every 2 hours (8-10 times) for first day.

Soak Cumin (जीरा) for 30 minutes and make paste along with Garlic (लहसुन), Moringa Leaves (सौंजना/सहजन के पत्ते), Bhumi Amla whole plant (भूमी आमला) and Jaggery (गुड़). Feed this paste every 4 hours (4-5 times) for next three days.

## **EVP Formulation for Insect bite swelling/ Acute painful swelling**

**Ingredients: For one day paste and one oral dose.**

For preparation of paste (quantity for one day)	For oral feeding: (Quantity for one dose)
<ul style="list-style-type: none"><li>• Aloe vera (ग्वारपाठा): 250 g</li><li>• Turmeric powder (हल्दी): 50 g</li><li>• Calcium Oxide/hydroxide (चुना): 15 g</li><li>• Sesame oil (तिल तेल): 300 ml</li></ul>	<ul style="list-style-type: none"><li>• Black Pepper (काली मिर्च): 5 g</li><li>• Beetle Leaves (पान के पत्ते): 5</li><li>• Salt (नमक): 5 g</li><li>• Jaggery (गुड़): 50 g</li></ul>

### **Method of preparation and application:**

Make paste of Aloe vera (ग्वारपाठा), Turmeric powder (हल्दी) and Calcium Oxide (चुना) as discussed in case of mastitis. Dilute above paste in Sesame oil (तिल तेल) and apply diluted paste over entire swelling three times daily till complete recovery.

Grind Black Pepper (काली मिर्च), Beetle Leaves (पान के पत्ते), Salt (नमक) and Jaggery (गुड़) to form paste. Feed this mixture twice daily till complete recovery.

**EVP Formulation for Detoxification of Body in cases of poisoning/  
severe insect bite with systemic signs/ anaphylactic reaction/ (3  
Kings Formula)**

**Ingredients: One dose for adult animal. For calf: 1/5<sup>th</sup> of adult dose.**

Black Pepper (काली मिर्च): 10 g, Beetle Leaves (पान के पत्ते): 10, Salt (नमक): 10 g,  
Jaggery (गुड़): 50 g

**Method of preparation & Dosage:**

Grind above contents to form paste and feed T.I.D. for 7 days.

**EVP Formulation for treatment of Dermatitis (Mixed infection)**

1.

**Ingredients:**

For Topical Application	For oral feeding (1 Dose):
<ul style="list-style-type: none"><li>• Neem leaves (नीम): 1 handful,</li><li>• Henna leaves (मेहंदी): 1 handful,</li><li>• Senna/Cassia alata (एडगज/प्रपुन्नाड): 1 handful,</li><li>• Turmeric powder (हल्दी): 20 g,</li><li>• Garlic (लहसुन): 10 pearls,</li><li>• Coconut oil (नारियल तेल): 300 ml</li></ul>	<ul style="list-style-type: none"><li>• Black Pepper (काली मिर्च): 5 g</li><li>• Beetle Leaves (पान के पत्ते): 5</li><li>• Salt (नमक): 5 g</li><li>• Jaggery (गुड़): 50 g</li></ul>

**Method of preparation:**

Grind Neem leaves (नीम), Henna leaves (मेहंदी), Senna/ Cassia alata (एडगज/प्रपुन्नाड) and Garlic (लहसुन) to make paste. Now add Turmeric powder (हल्दी) and again grind the mixture. Now add 300 ml of Coconut oil (नारियल तेल) to mixture and warm for 5 minutes. Allow the mixture for cooling. Filter the oil preparation through cloth.

**Method of application:**

Apply this oil over affected skin with smooth paint brush once daily for 15 days.

Grind Black Pepper (काली मिर्च), Beetle Leaves (पान के पत्ते), Salt (नमक) and Jaggery (गुड़) to form paste. Feed this mixture twice daily for 7 days.

**2.**

**Ingredients:**

For Topical Application	For oral feeding (1 Dose):
<ul style="list-style-type: none"><li>• Neem leaves (नीम): 1 handful,</li><li>• Turmeric powder (हल्दी): 50 g,</li><li>• Coconut oil (नारियल तेल): 250 ml</li></ul>	<ul style="list-style-type: none"><li>• Black Pepper (काली मिर्च): 5 g</li><li>• Beetle Leaves (पान के पत्ते): 5</li><li>• Salt (नमक): 5 g</li><li>• Jaggery (गुड़): 50 g</li></ul>

**Method of preparation:**

Grind Neem leaves (नीम) to make paste. Now add Turmeric powder (हल्दी) and again grind the mixture. Now add 250 ml of Coconut oil (नारियल तेल) to mixture and warm for 5-10 minutes. Allow the mixture for cooling. Filter the oil preparation through cloth.

**Method of application:**

Apply this oil over affected skin with smooth paint brush once daily till complete recovery.

Grind Black Pepper (काली मिर्च), Beetle Leaves (पान के पत्ते), Salt (नमक) and Jaggery (गुड़) to form paste. Feed this mixture twice daily for 7 days.

**EVP Formulation for treatment of Knee Hygroma / Non specific Painful Joint swelling/ Yoke Gall**

**Ingredients:**

Aloe vera (ग्वारपाठा): 200 g, Garlic (लहसुन): 10-15 pearls, Turmeric powder (हल्दी): 50 g Sesame oil (तिल तेल): 500 ml
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**Method of preparation:**

Grind 200 g Aloe vera (ग्वारपाठा) and 10-15 peals of garlic (लहसुन) to form paste. Now take 500 ml Sesame oil (तिल तेल) and add 50 g turmeric powder (हल्दी) along with

paste prepared. Heat oil for 5-10 minutes on moderate flame and allow cooling the oil. It can be stored in moisture free airtight container.

**Method of application:**

Clip hairs of affected region. Apply this oil preparation against hairline over entire swelling with hand (No need of massage) three times a day. Apply cotton bandage/ cloth over swelling. Repeat this till complete recovery.

**EVP Formulation for treatment of Chronic Oedema/swelling  
(without pain) of unknown etiology**

**Ingredients:**

Garlic (लहसुन): 100g, Turmeric powder (हल्दी): 100 g, Aloe vera (ग्वारपाठा): 300 g  
Cissus quadrangularis (हडजोड): 300 g (fresh) or 100 g (Dry), Neem leaves (नीम के पत्ते):  
100 g, Mustard oil (सरसों तेल): 1 Litre

**Method of preparation:**

Grind Garlic (लहसुन), Aloe vera (ग्वारपाठा), Cissus quadrangularis (हडजोड),  
Neem leaves (नीम) to form paste. Boil above paste and Turmeric powder (हल्दी) in  
Mustard oil (सरसों तेल) for 5-10 minutes. Cool this oil preparation.

**Method of application:**

Slightly warm the oil every time before application. Apply the oil preparation in a  
circular manner forcefully over entire oedematous region three times daily till complete  
recovery.

**EVP Formulation for treatment of FMD Oral lesions/ulcers**

**Ingredients: One dose for adult animal.**

Cumin (जीरा): 10 g, Black Pepper (काली मिर्च): 10 g, Fenugreek seeds (मेथी): 10 g,  
Turmeric powder (हल्दी): 10 g, Garlic (लहसुन): 4-5 pearls, Coconut (नारियल): 1 (100-  
150g), Jaggery (गुड़): 150 g

**Method of preparation:**

Soak Cumin (जीरा), Black Pepper (काली मिर्च) and Fenugreek seeds (मेथी) in water for 30 minutes. Grind these to form fine paste. Now add Turmeric powder (हल्दी), Garlic (लहसुन) and Jaggery (गुड़) to above paste and again grind to form paste. Now add one grated Coconut (कद्दूकस नारियल) to above formed paste. Prepare fresh dose for each application.

**Method of application:**

Apply this mixture over tongue, gums and palate three times daily for 3-5 days.

**For treatment of Post FMD Complications in animals like lameness, weakness, panting, repeat breeding etc. feed above prepared mixture twice daily for 10-15 days.**

**EVP Formulation for treatment of FMD Foot lesions**

**Ingredients:**

Acalypha leaves (कुप्पी): 1 handful, Neem leaves (नीम): 1 handful, Henna leaves (मेहंदी): 1 handful, Tulsi leaves (तुलसी): 1 handful, Turmeric powder (हल्दी): 20 g, Garlic (लहसुन): 10 pearls, Coconut oil (नारियल तेल) or Sesame oil (तिल तेल): 250 ml

**Method of preparation:**

Grind Acalypha leaves (कुप्पी), Neem leaves (नीम), Henna leaves (मेहंदी), Tulsi leaves (तुलसी) and Garlic (लहसुन) to make paste. Now add Turmeric powder (हल्दी) and again grind the mixture. Now add 250 ml of Coconut oil (नारियल तेल) to mixture and boil. Allow the mixture for cooling. Use Sesame oil (तिल तेल) instead of Coconut oil (नारियल तेल) if swelling is present above the wound.

**Method of application:**

Clean the wound surface. Sprinkle Turmeric powder (हल्दी) on wound. Now soak piece of cotton bandage in above prepared oil mixture and apply over the wound. Bandage the wounds twice daily. Frequent bandaging with this mixture results in faster healing of wounds due to its topical antiviral property.

## **EVP Formulation for treatment of Tail Gangrene**

Prepare oil preparation as prepared for FMD foot lesions. Soak a piece of gauze/ bandage and tie over affected part. Don't allow to dry the bandage. Keep bandage for 10-15 days.

## **EVP Formulation for treatment of Wounds**

**1.**

### **Ingredients:**

Neem leaves (नीम): 1 handful, Henna leaves (मेहंदी): 1 handful, Tulsi leaves (तुलसी): 1 handful, Turmeric powder (हल्दी): 20 g, Garlic (लहसुन): 10 pearls, Coconut oil (नारियल तेल): 250 ml

### **Method of preparation:**

Grind Neem leaves (नीम), Henna leaves (मेहंदी), Tulsi leaves (तुलसी) and Garlic (लहसुन) to make paste. Now add Turmeric powder (हल्दी) and again grind the mixture. Now add 250 ml of Coconut oil (नारियल तेल) to mixture and boil. Allow the mixture for cooling. Oil preparation can be stored for one week.

### **Method of application:**

Clean the wound surface. Sprinkle Turmeric powder (हल्दी) on wound. Now soak piece of cotton bandage in above prepared oil mixture and apply over the wound. Bandage the wounds once daily till complete healing.

**2.**

### **Ingredients:**

Dhatuira leaf extract (धतूरा पत्तों का रस): 500 ml, Coconut oil (नारियल तेल): 500 ml, Copper Sulfate (नीला थोथा): 5 g, Turmeric powder (हल्दी),

### **Method of preparation:**

Grind Dhatuira leaves (धतूरा के पत्ते) in grinder and filter through cloth to extract juice. Now add 500 ml Dhatuira leaf extract with 500 ml Coconut oil (नारियल तेल) and

boil mixture over mild flame for approximately one hour till water content of mixture completely evaporates. Now add 5 g Copper Sulfate (नीला थोथा) to oil preparation and mix. Allow the mixture for cooling. Oil preparation can be stored for one week.

**Method of application:**

Clean the wound surface. Sprinkle Turmeric powder (हल्दी) on wound. Now soak piece of cotton bandage in above prepared oil mixture and apply over the wound. Bandage the wounds once daily till complete healing.

**3.**

Grind Neem Leaves (नीम के पत्ते) to form paste. Clean the wound and sprinkle turmeric powder on wound. Apply neem leaves paste over wound and bandage once daily till complete recovery.

**EVP Formulation for treatment of Maggot Wounds**

**1.**

Grind Anona Leaves (सीताफल के पत्ते) to form paste and apply on wound. Bandage the wound for one day to kill all the maggots.

**2.**

Grind Neem Leaves (नीम के पत्ते) to form paste and apply on wound. Bandage the wound for one day to kill all the maggots.

**3.**

Mix 5 g of camphor (कपूर) in 50 ml of Coconut oil (नारियल तेल) and bandage the maggot wound with this mixture for one day to kill maggots.

**Note:** After application of any one of above treatment for killing maggots for one day, follow any one of the therapy discussed above for normal wound healing till complete recovery.



## **EVP Formulation for treatment of Fungal Wound on teat/udder**

### **Ingredients:**

Aloe vera (ग्वारपाठा): 150 g, Turmeric powder (हल्दी): 30 g, Calcium Oxide/hydroxide (चुना): 10 g, Butter (मक्खन): 100 g

### **Method for preparation of paste:**

Take 150 g fresh Aloe vera (ग्वारपाठा) leaf, cut in to pieces and grind it alone to make fine paste in grinder. It should not be peeled. Now add 30 g Turmeric powder (हल्दी) and 10 g Calcium Oxide/hydroxide (चुना) to paste and again grind to form brick red coloured paste.

### **Method of application:**

Take small portion of above paste and mix with small quantity of butter and apply on wound as many times as possible till complete recovery.

## **EVP Formulation for treatment of Pox/Warts/Teat Cracks**

### **Ingredients:**

Neem leaves (नीम): 1 handful, Sweet Basil (मरवा): 1 handful, Cumin (जीरा): 20 g, Turmeric powder (हल्दी): 10 g, Garlic (लहसुन): 5 pearls, Butter/ Ghee (मक्खन/घी): 50-100 g

### **Method of preparation:**

Soak cumin seeds for 30 minutes in water and grind to form paste. Grind Neem leaves (नीम), Sweet Basil (मरवा) leaves and Garlic (लहसुन) to make paste. Now add Turmeric powder (हल्दी) and again grind the mixture. Now add Butter/ Ghee (मक्खन/घी) to mixture properly to form a paste. Prepare the paste fresh daily.

### **Method of application:**

Clean the affected surface. Apply paste on dry surface 10-12 times daily till complete recovery.

## **EVP Formulation for Haemostasis**

### **Ingredients:**

Mimosa Pudica Leaves (छुईमुई): 1 handful. Jaggery (गुड़): 100 g
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### **Method of preparation & Dosage:**

**For Topical Bleeding:** Make paste of fresh leaves of Mimosa Pudica (छुईमुई) and apply over bleeding surface with help of bandage.

**For Internal Bleeding:** Make paste of fresh leaves of Mimosa Pudica (छुईमुई) and Jaggery (गुड़). Feed this paste to animal once daily till complete recovery.

## **EVP Formulation for Expulsion of Placenta**

1.

### **Ingredients:**

For Cattle/Buffalo:	For Sheep/ Goat:
Sesame seed (तिल): 250 g, Jaggery (गुड़): 250 g	Sesame seed (तिल): 100 g, Jaggery (गुड़): 100 g

### **Method of preparation & Dosage:**

Soak Sesame seed (तिल) and grind to form paste. Add Jaggery (गुड़) to paste and feed once only. Don't repeat the dose, over dose may cause prolapse of uterus.

2.

### **Ingredients:**

For Cattle/Buffalo:	For Sheep/ Goat:
Black Cumin (काला जीरा): 25 g, Jaggery (गुड़): 100 g	Black Cumin (काला जीरा): 10 g, Jaggery (गुड़): 100 g

### **Method of preparation & Dosage:**

Soak Black Cumin (काला जीरा) and grind to form paste. Add Jaggery (गुड़) to paste and feed once only. Don't repeat the dose, over dose may cause prolapse of uterus.

### **EVP Formulation for treatment of Repeat Breeding/ Anoestrous**

#### **Ingredients:**

Radish (मूली), Aloe vera (ग्वारपाठा), Moringa Leaves (सौंजना/सहजन के पत्ते), Cissus quadrangularis (हडजोड), Curry Leaves (कड़ी पत्ता), Turmeric powder (हल्दी).

#### **Treatment Protocol:**

1. Start treatment on 1<sup>st</sup> day of oestrus period in case or repeater and any day in case of anoestrous.
2. Feed 500 g Radish (मूली) after applying salt once daily for 5 days for removing any uterine infection.
3. Feed 250-300 g fresh Aloe vera (ग्वारपाठा) once daily for next 4 days.
4. Feed four handful fresh Moringa Leaves (सौंजना/सहजन के पत्ते) once daily for next 4 days.
5. Feed four handful fresh or 50 g dry Cissus quadrangularis (हडजोड) once daily for next 4 days
6. Feed paste of four handful Curry Leaves (कड़ी पत्ता) and 5 g Turmeric powder (हल्दी) once daily for next 4 days.
7. If animal not conceived in one treatment, repeat above protocol once again.

### **EVP Formulation for Prolapse of uterus**

1.

#### **Ingredients:**

Aloe vera gel (ग्वारपाठा जैल): 250 g, Turmeric powder (हल्दी): 5 g, Mimosa Pudica Leaves (छुईमुई): 1 handful.

**Method of preparation:**

Remove the gel from a whole leaf of aloevera (ग्वारपाठा जैल). (Don't use whole leaf.) Wash it multiple times till the sliminess is reduced. Add a pinch of turmeric powder (हल्दी) and boil to half the original volume and allow cooling. Prepare a paste of Mimosa pudica (छुईमुई) leaves.

**Method of application:**

Clean the prolapsed mass and apply aloevera gel preparation all over it. Leave it for 15-20 days. Now apply paste of Mimosa pudica (छुईमुई) leaves over prolapsed mass. Repeat this process three times daily till complete recovery.