

कमांक 43475-96

गौशाला 1/

दिनांक 13/12/2019

प्रेषक

गौशाला विकास अधिकारी,
हरियाणा, पंचकूला ।

प्रेषित

1. सभी उपनिदेशक सघन पशुधन विकास परियोजना, हरियाणा राज्य ।
2. सभी उपनिदेशक पशुपालन एवं डेयरी विभाग, हरियाणा राज्य ।

विषय:-



Documentation of Ethno Veterinary Medicine and Practices for the treatment of various clinical conditions in Haryana State.

:-:

उपरोक्त विषय के सम्बन्ध में Dean College of Veterinary Sciences

LUVAS से प्राप्त Memo No. VPTX/2019/2097-3000 Dated: 27.11.2019 आपको अग्रिम आवश्यक कार्यवाही हेतु भेजा जाता है ।

सलंगन:-उक्त


गौशाला विकास अधिकारी,
हरियाणा, पंचकूला ।


Subject: Documentation of Ethno Veterinary Medicine and Practices for the treatment of various clinical conditions in Haryana State

To: da.ahd@hry.nic.in

Cc: Kumar Sunil Gulati <sunilaol@gmail.com>

"Dean College of Veterinary Sciences, LUVAS" <dcovs@luvas.edu.in>

"SPS to VC LUVAS, Hisar" <spsvc@luvas.edu.in>

Date: 11/27/19 02:22 PM

From: "Head Veterinary Pharmacology & Toxicology, LUVAS" <hod.vpt@luvas.edu.in>

Pl. Circulate in his field

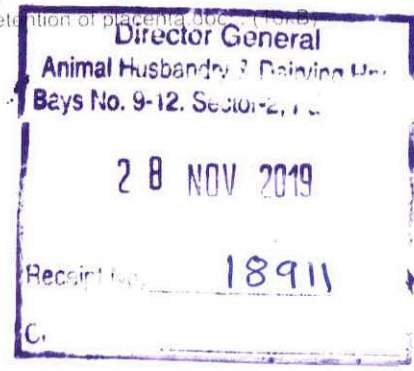
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VPT
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QDO*

Documentation of EVP for Bloat and Indigestion.docx (17kB) Documentation of EVP for Pox warts cracks.docx (17kB)
Documentation of EVP for Diarrhoea.docx (18kB) Documentation of EVP for fever.docx (19kB)
Documentation of EVP for mastitis.docx (18kB) Documentation of EVP for Repeat Breeding.docx (16kB)
Documentation of EVP for Prolapse.docx (16kB) Documentation of EVP for Retention of placenta.docx (16kB)

*MS(S)
28/11/19
28/11/19*

From: Professor and Head and Nodal Officer EVP
Dept. of Vety. Pharmacology and Toxicology
LUVAS, Hisar

To: The Director General
Dept. of Animal Husbandry and Dairying
Panchkula, Haryana



Memo No. VPTX/2019/2097-3000 Dated: 27.11.2019

Subject: Documentation of Ethno Veterinary Medicine and Practices for the treatment of various clinical conditions in Haryana State

This refers to the meeting dated 01.10.2019 chaired by the Additional Chief Secretary, DAHD Haryana at New Haryana Civil Secretariat, Sector 17, Chandigarh. It was decided in the meeting that the Scientists from LUVAS who got training on EVP at TDU Bangalore will document the Ethno Veterinary Medicine and Practices (EVM&P) for various clinical conditions of animals which has been treated successfully using EVM&P.

In this regard, proformas for documentation of EVM&P for various clinical conditions were designed by the Scientists of LUVAS and circulated. WhatsApp group of field vets for suggestions and necessary suggestions were incorporated. Now, these proformas have been finalized and the word file of the same is being attached herewith.

You are requested to forward the same to the field Veterinarians of your department who are using EVM&P for the treatment of animal patients for giving their feedback. It is requested that proformas should be duly signed by the Veterinary Surgeon and the scanned copy of the same may be sent to the undersigned at the e-mail (hod.vpt@luvas.edu.in). It is for your kind consideration and further response.

CC:

1. The Additional Chief Secretary, DAHD Haryana for information pl
2. SPS to Vice-Chancellor for information of Worthy Vice-Chancellor, LUVAS, Hisar
3. The Dean COVS for information pl

DR. VINOD KUMAR

Professor & Head, Nodal Officer EVP, Secretary Board of Studies

Vet. Pharmacology & Toxicology

LUVAS, Hisar, Haryana - 125004

Mobile No: 8768538229

Proforma for documentation of Ethno Veterinary Medicine and Practices for Bloat and indigestion

(EVP implemented in Haryana vide Endst. No. 2773-cFMS-AH-4-2019/5047 dated 06/05/2019 of Department of Animal Husbandry Dairying, Govt. of Haryana)

Name of the physician _____ Station _____

Species of animal treated (use separate proforma for different species of animals) _____ Sex (No. of male _____ No. of female _____) Breed _____

Age _____ Pregnant/ non pregnant _____

Ingredients	Changes in ingredients, if any	No. of animals		Type of bloat			Diagnosis of bloat and indigestion as per history or specific test	
		Given treatment	Recovered	No. of cases	Given treatment	Recovered	No. of cases	Given treatment
Onion - 100 g				Dry bloat			Change in feed	
Garlic-10 pearls		EVP only		Froathy bloat			Excess diet	
Dry Chilly - 2		EVP - allopathy		Acidic indigestion			Heavy oral dosing of antimicrobes	
Cumin Seeds - 10 g		Disease and treatment data		Alkaline indigestion			Oesophageal obstruction	
Turmeric - 10 g		Average no. of days EVP was		Percent change observed in rumen fluid			Foreign Body	

	used		Parameters	Pre treatment	Post treatment	DH	
Jaggery- 100 g	Average Frequency/Day EVP used		Change in pH				
Pepper-10 g	Average Duration of illness		Change in microflora				P.M findings in dead animals
Betel leaves - 10 no	Average of days to complete recovery		Change in rumen consistency				Foreign body
			Change in rumen fluid odour			DH	
			Change in rumen colour				Reticular abscess

Instructions for filling proforma

1. Change in ingredients: Any deviation from mentioned quantity is to be written.
2. No. of animals: Write the number of cases given treatment by EVP alone and EVP + allopathy and recovered
3. Type of bloat: On the basis of rumen gas evacuation and checking rumen fluid pH characterize the bloat or indigestion into Dry Bloat and Frothy bloat & acidic indigestion

4. **Diagnosis of bloat and indigestion as per history or specific test:** write the number of cases given treatment and recovered on the basis of etiology diagnosed on the basis of specific test done, if any.

5. **Disease and treatment data:** write the average of days EVP was used, frequency of EVP practice/day, duration of illness and days to complete recovery.

6. **Percent change observed in rumen fluid:** write the percent by calculating no. of cases showing particular parameters mentioned in proforma per 100 animals

7. **PM findings in dead animals:** write no. of cases not responded, died, conducted PM and found any of the three as a cause.

8. **Please add Photos of pre-treatment and post treatment depicting the improvement, if any.**

Swelling in teat and udder	9 th and above	Any complication recorded in treatment, if any:-	Negative
Flakes in milk			+
Pain on milking	No. of isolates		++
Blood in milk	Multidrug resistant		+++
Udder fibrosis	Extreme drug resistant		++++
	Pan drug resistant	pH	Acidic
			Alkaline

Instructions for filling proforma

1. Change in ingredients: Any deviation from mentioned quantity is to be written.
2. History and Clinical signs observed: write percentage of animals showing a particular sign before treatment (pretreatment/ history) and after treatment (posttreatment).
3. No. of animals: write the number of animals given treatment, recovered and relapsed according to therapy i.e EVP and EVP + allopathy, type of mastitis and parity, response.
4. Diagnostic test and findings: write about number of cases in column with respect to different test and grading given, if any.
5. Antibioticsensitivity pattern: write the number of multidrug resistant bacteria and pan drug resistant bacteria obtained on culturing, if drug isolates resistant to three or more antibiotics belonging to different groups may be taken as multidrug resistant (MDR). Among MDR isolates, isolates susceptible to only 1 drug belonging to two different groups were considered extreme drug resistant (XDR) while resistance to all the antibiotics was considered as pandrug-resistant.
6. Please add Photos of pretreatment and posttreatment depicting the improvement

Proforma for documentation of Ethno Veterinary Medicine and Practices for treatment of ectoparasitic infestation

EVP implemented in Haryana vide Indst. No. 2773-c/FMS-AH-4-2019/5047 dated 06/05/2019 of Department of Animal Husbandry Dairying, Govt. of Haryana

Name of the physician _____ Station _____

Species of animal treated (use separate proforma for different species of animals) _____ Breed _____ Age _____ Pregnant _____

pregnant _____

Ingredients	Changes in ingredients, if any	No. of animals		Type of Ectoparasite (No. of cases)		
		Given treatment	Recovered	Pre treatment	Post treatment	Post treatment
Garlic- 10 pearls		Calves		Ticks		
Neem leaves- 1 handful		EVP only		Mites		
Neem fruit- 1 handful		EVP + allopathy (Spray + ivermectin)		Fleas		
Acorus rhizome- 10 g		Adults		Lice		
Turmeric powder- 20 g		EVP only		Mange		
		EVP + allopathy (spray= ivermectin)		Types of ticks and response to EVP		
		Duration of treatment		No of animals		
		Average no. of weeks EVP was		Pre treatment		Post treatment

	used	Clinical signs observed	No. of animals (%)		Hard tick
			Pre treatment	Post treatment	
Lantana leaves- 1 handful					
Tulsi leaves- 1 handful		Hair fall Itching			Soft tick
Any other ingredient used		Pale mucous membrane Fever			Adverse reaction observed, if any:-

Instructions for filling the proforma

1. Change in ingredients: Any deviation from mentioned quantity is to be written.
2. No. of animals: Write the number of animals given treatment. recovered with respect to mode of therapy used i.e EVP alone or EVP + allopathy (separately for calves and adults)
3. Clinical signs observed: Write the percentage of cases with respect to particular signs observed before treatment and after treatment
4. Type of Ectoparasite (No. of cases): classify the cases according to the parasite found on body of animals/ found microscopically and write the number of cases under different headings (given treatment and recovered). This is to determine if therapy works on all or particular parasite.
5. Duration of treatment: write the averagenumber of weeks treatment was given.
6. Types of ticks and response to EVP: write the number of cases given treatment and recovered with respect to hard tick and soft tick.
7. Please add Photos of pretreatment and posttreatment depicting the improvement

Instructions for filling the proforma

1. **Change in ingredients:** Any deviation from mentioned quantity is to be written.
2. **No. of animals:** Write the number of animals given treatment, recovered and average days of recovery with respect to three condition and mode of therapy used i.e EVP alone or EVP - allopa
3. **Clinical signs observed in Pox cases:** Write the percentage of cases with respect to particular signs observed.
4. **No. of sample sent to LUVAS for identification of Virus:** Write the number of samples sent to LUVAS for identification of virus and confirmation, if sent.
5. Please add Photos of pretreatment and posttreatment depicting the improvement

Proforma for documentation of Ethno Veterinary Medicine and Practices for treatment of Repeat Breeding
(EVP implemented in Haryana vide Endst. No. 2773-cFMS-AH-4-2019/5047 dated 06/05/2019 of Department of Animal Husbandry Dairying, Govt. of Hary

Name of the physician _____ Station _____
 Species of animal treated (use separate proforma for different species of animals) _____ Breed _____

Ingredients	Changes in ingredients, if any	Breeding season in which case was recorded (no. of animals considered)		Mode of therapy (no. of cases)	
		Summer	Winter	Treatment with EVP alone	Given treatment with EVP alone (no.)
White radish – 1 full tuber daily for five days					
Aloe Vera leaf-1 daily for 4 days					Concieved after treatment with EVP alone (no.)
4 handfuls of moringa leaves for 4 days.					Given treatment with EVP+ Allopathy(no.)
4 handfuls of cissus stem for 4 days					Concieved after treatment with EVP + allopathy (no.)
4 handfuls of curry leaves with turmeric for 4 days					Duration of treatment
Jaggery					Average no. of heat after which animal got conceived following EVP
Salt					Any other complication in applying EVP:-
Any other ingredient used					

White radish – 1 full tuber daily for five days	Ovarian cyst	
	Atrophied ovary	

Instructions for filling proforma

1. **Change in ingredients:** Any deviation from mentioned quantity is to be written.
2. **Breeding season in which case was recorded (no. of animals considered):** Write the no. of animals considered as per the season
3. **Mode of breeding practices :** Write the percentage of cases based on breeding practices
4. **Per vaginal observations (no. of cases):** Write the no. of cases documented by you as per the pervaginal findings.
5. **Mode of therapy (no. of cases):** Write the no. of cases given treatment w.r.t mode of therapy and got conceived after EVP.
6. **Any other complication in applying EVP:** Write any other complication, if any.

Proforma for documentation of Ethno Veterinary Medicine and Practices for treatment of teat obstruction
(EVP implemented in Haryana vide Endst. No. 2773-eFMS-AH-4-2019/5047 dated 06/05/2019 of Department of Animal Husbandry Dairying, Govt. of Hary

Name of the physician _____ Station _____
 Species of animal treated (use separate proforma for different species of animals) _____ Breed _____

Ingredients	Changes in ingredients, if any	No. of animals		Duration of treatment	
		Complete teat obstruction	Recovered	Average frequency of application /case/day EVP was used	Average no. of days EVP was used
Freshly plucked & clean neem leaf/stalk- 1					
Turmeric powder		EVP only			
Butter or Ghee		EVP + any other aid			
Any other ingredient used		Teat stenosis (narrowing of teat orifice)			
		EVP only			
		EVP + any other aid			
Duration of illness (No. of cases)		No. of cases (positive for mastitis)		Any complication during application, if any:	
Acute			Given treatment	Recovered	
Chronic					

Instructions for filling proforma

1. **Change in ingredients:** Any deviation from mentioned quantity is to be written.
2. **Duration of illness(No. of cases):** write the number of animals given treatment as per duration of illness.
3. **No. of animals:** write the no. of animals given treatment and recovered with EVP alone and EVP+any other aid (mentions the type of aid) in accordance with whether treat complete or partial (teat stenosis).
4. **Duration of treatment:** write the average frequency of application /case/day EVP was used, average no. of days EVP was used and recurrence percentage in treated animals.
5. Please add Photos of pretreatment, application of treatment and posttreatment depicting the improvement

Proforma for documentation of Ethno Veterinary Medicine and Practices for Diarrhoea

(EVP implemented in Haryana vide Endst. No. 2773-eFMS-AH-4-2019/5047 dated 06/05/2019 of Department of Animal Husbandry Dairying, Govt. of Haryana)

Name of the physician _____ Station _____
 Species of animal treated (use separate proforma for different species of animals) _____ Sex (No. of male _____ No. of female _____) Breed _____

Age _____ Pregnant/ non pregnant _____

Use separate sheet for calves and separate sheet for adult animals

Ingredient used	Changes in ingredients, if any	No. of animals			History and Clinical signs observed	Pre treatment (No. of animals)	Post treatment (No. of animals)	Faecal test for parasitic ova/egg	
		Severity and duration of illness	Therapy	Treatment given (No. of animals)				Recovered (No. of animals)	Pre Treatment (No. of animals)
Fenugreek seeds - 10 g		Per acute diarrhoea	EVP alone EVP + Allopathy		Change in faecal volume			Positive	
Onion- 1 No.		Acute diarrhoea	EVP alone EVP + Allopathy		Increase in frequency of defecation			Negative	
Pepper- 10 g		Subacute diarrhoea	EVP alone EVP + Allopathy		Tenesmus				Faecal culture for bacteria
Garlic- 1 pearl		Chronic diarrhoea	EVP alone EVP + Allopathy		Mucus in faeces				

Cumin seeds- 10 g	Whether in addition to EVP following were used? If yes, give number of animals against the medicine used	Any other alteration in therapy:	Flatulence	Pre treatment	Post treatment
Turnerie- 10 g	Fluid therapy		Blood in faeces	Positive	
Curry leaves- 1 handful			Dark red blood		
Poppy seeds - 5 g	Antibiotics		Fresh blood in faeces (red colour)	Negative	
Jaggery- 100 g	Dewormers		Any side effect observed:-		
Asafoetida- 5 g.	Antidiarrheals				

Instructions for filling proforma

1. Change in ingredients: Any deviation from mentioned quantity is to be written.
2. No. of cases: write the number of animals given treatment as per duration of illness as well as mode of treatment given
3. History and Clinical signs observed: write the number of animals in which particular clinical signs was observed before treatment (pre treatment) and after treatment (post treatment)
4. Faecal test for parasitic ova/cyst and faecal culture for bacteria: write the no. of animal was found positive before treatment and after treatment
5. Whether in addition to EVP following were used? If yes, give number against the medicine used: write the number of cases in which you have used any of the mentioned drugs
6. Any alteration in therapy/Any side effect: write in brief regarding alteration and side effect if observed
7. Use separate sheet for calves and separate sheet for adult animals
8. Please add Photos of pretreatment and posttreatment depicting the improvement!

Proforma for documentation of Ethno Veterinary Medicine and Practices for treatment of Prolapse

(EVP implemented in Haryana vide Endst. No. 2773-eFMS-AH-4-2019/5047 dated 06/05/2019 of Department of Animal Husbandry Dairying, Govt. of Haryana)

Name of the physician _____ Station _____
 Species of animal treated (use separate proforma for different species of animals) _____ Breed _____

Age _____

Ingredients	Changes in ingredients, if any	No. of animals		Grading of prolapse	No. of cases treated	No. of cases recovered
		Preparturient	Recovered			
Aloe vera gel- from one full leaf		EVP only		Grade I-Intermittent Prolapse (especially when recumbent)		
Turmeric powderone Pinch		EVP + allopathy/suture application		Grade II-Continuous vaginal prolapse		
Mimosa pudica leaves- 2 handfuls		Post parturient		Grade III-Continuous vaginal prolapsed, bladder and cervix		
Any other ingredient used		EVP only		Grade IV-Continuous vaginal prolapsed, bladder and cervix with tissue damage		
Duration of illness (No. of cases)		EVP + allopathy/suture application		Duration of treatment	Any complication during application, if any:	
		Non pregnant				
Acute		EVP only		Average frequency of application /case/day EVP was used	Average no. of days EVP was used	
Chronic		EVP + allopathy/suture application		Recurrence percentage		

Instructions for filling proforma

1. **Change in ingredients:** Any deviation from mentioned quantity is to be written.
2. **Duration of illness(No. of cases):** write the number of animals given treatment as per duration of illness.
3. **No. of animals:** write the no. of preparturient, postparturient and non pregnant animals given treatment and recovered with EVP alone and EVP+allopathy/ suture application respectively.
4. **Grading of prolapse:** write the no. of cases given treatment as per the grading of prolapse so as to ascertain as upto which grade of prolapse EVP works.
5. **Duration of treatment:** write the average frequency of application /case/day EVP was used, average no. of days EVP was used and recurrence percentage in treated animals.
6. **Please add** Photos of pretreatment, application of treatment and posttreatment depicting the improvement

Proforma for documentation of Ethno Veterinary Medicine and Practices fortreatment of Udder oedema
 (EVP implemented in Haryana vide Endst. No. 2773-cFMS-AH-4-2019/5047 dated 06/05/2019 of Department of Animal Husbandry Dairying. Govt. of Hary

Name of the physician _____ Station _____
 Species of animal treated (use separate proforma for different species of animals) _____ Breed _____

Ingredients	Changes in ingredients, if any	No. of animals		Duration of treatment	
		Preparturient	Recovered	Average frequency of application /case/day EVP was used	Average no. of days EVP was used
Sesame or mustard oil 200 ml		Given treatment	Recovered		
Turmeric powder- 1 handful		EVP only			
Garlic-2 pearls		EVP + corticosteroids/ Diuretics			
		Post parturient			
		EVP only			
Any other ingredient used		EVP + corticosteroids/ Diuretics			
Duration of illness (No. of cases)		Non pregnant		Any complication during application, if any:	
Acute		EVP only			
Chronic		EVP + corticosteroids/ Diuretics			

Instructions for filling proforma

Note:Rule out mastitis before using the formulation.

1. **Change in ingredients:** Any deviation from mentioned quantity is to be written.
2. **Duration of illness(No. of cases):** write the number of animals given treatment as per duration of illness.
3. **No. of animals:** write the no. of preparturient, postparturient and non pregnant animals given treatment and recovered with EVP alone and EVP+corticosteroids/Diuretics.
4. **Duration of treatment:** write the average frequency of application /case/day EVP was used, average no. of days EVP was used and recurrence percentage in treated animals.
5. Please add Photos of pretreatment, application of treatment and posttreatment depicting the improvement

Proforma for documentation of Ethno Veterinary Medicine and Practices for treatment of fever

EVP implemented in Haryana vide Endst. No. 2773-cFMS-AH-4-2019/5047 dated 06/05/2019 of Department of Animal Husbandry Dairying, Govt. of Haryana

Name of the physician _____ Station _____

Species of animal treated (use separate proforma for different species of animals) _____ Breed _____ Pregnant/ non pregnant _____

Ingredients	Changes in ingredients, if any	No. of animals			Possible reason (no of animals)		
		Given treatment	Recovered	Young	Clinical conditions	Given treatment	Recovered
Garlic-2 pearls		EVP only			Haemoprotozoan infection		
Coriander-10 g		EVP + allopathy (NSAIDs, antiameoprot ozoan/antibiotics)			Neutrophilia (infections)		
Cumin-10 g					Exercise/stress		
Tulsi-1 handful				Adults	Inflammation		
Dry cinnamon leaves-10 g		EVP only			Respiratory infection (on the baiss of cough, nasal discharge signs)		
Neem leaves-1		EVP + allopathy (NSAIDs, antiameoprot ozoan/antibiotics)			Environmental temperature and humidity		
		Duration of treatment			Injury/ wound		

handful	Average no. of days EVP was used	No. of animals		Immune response to vaccination
	Clinical signs observed	Pre treatment	Post treatment	
Jaggery- 100 g				
Black pepper- 10 g				FUO (fever of unknown origin)
Chirata leaf powder-20 g				
Turmeric powder- 10 g	Rectal temperature			
Betel leaves- 5 no.s	Pale mucous membrane			Any other reason
Shallots- 2 bulbs	Decrease in milk production			
Sweet basil- 1 handful	Tick infestation			Adverse reaction observed, if any:-
Any other ingredient used	Congested mucous membrane			

Instructions for filling the proforma

1. Change in ingredients: Any deviation from mentioned quantity is to be written.
2. No. of animals: Write the number of animals given treatment, recovered with respect to mode of therapy used i.e EVP alone or EVP + allopathy (separately for young and adult).
3. Clinical signs observed: Write the percentage of cases with respect to particular signs observed before treatment and after treatment
4. Possible reason: classify the cases according to the possible reason under different clinical condition mentioned in the table.
5. Duration of treatment: write the averagenumber of days treatment was given.

Proforma for documentation of Ethno Veterinary Medicine and Practices for treatment of Retention of Placenta
(EVP implemented in Haryana vide Endst. No. 2773-c/FMS-AII-4-2019/5047 dated 06/05/2019 of Department of Animal Husbandry Dairying, Govt. of Haryana)

Name of the physician _____ Station _____

Species of animal treated (use separate proforma for different species of animals) _____ Breed _____ Age _____

Ingredients	Changes in ingredients, if any	Different conditions	Total no. of cases	Given treatment with EVP alone (no.)	Recovered with EVP alone (no.)	Given treatment with EVP+ Allopathy(no.)	Recovered with EVP + allopathy (no.)	Any other complication in applying EVP:-
White radish – 1 full tuber		Abortion due to infections (Brucellosis etc.)						
Lady's Finger - 1.5 kg		Twin birth						
Jaggery- as required		Hypocalcemia						
Salt- as required		Premature birth						
Any other ingredient used		Dystocia						
Duration of treatment								
Average no. of weeks to complete recovery		1-3 rd		Less than 24 hours				
		3 rd -8 th		More than 24 hours				
		8 th & above		More than 2 days				

Instructions for filling proforma

1. **Change in ingredients:** Any deviation from mentioned quantity is to be written.
2. **Duration of treatment:** Write the average no. of weeks to recover.
3. **Different conditions & No. of cases:** Write the no. of cases given treatment and got recovered with EP alone and EVP+ Allopathy, respectively with respect to different conditions.
4. **Parity:** Write the no. of cases given treatment as per the parity.
5. **Duration at which intervention was done:** Write the no. of cases given treatment w.r.t duration at which intervention was done.
6. **Any other complication in applying EVP:** Write any other complication, if any.
7. **Please add Photos of pretreatment, application of treatment and posttreatment depicting the improvement.**

Proforma for documentation of Ethno Veterinary Medicine and Practices for treatment of worm infestation

EVP implemented in Haryana vide Endst. No. 2773-cFMS-AH-4-2019/5047 dated 06/05/2019 of Department of Animal Husbandry Dairying, Govt. of Haryana

Name of the physician _____ Station _____

Species of animal treated (use separate proforma for different species of animals) _____ Breed _____ Pregnant/ non pregnant _____

Ingredients	Changes in ingredients, if any.	No. of animals		Number of cases w.r.t. type of worms			
		Given treatment	Recovered	Pre treatment	Post treatment		
Onion- 1 no;		Calves		Trematode			
Garlic-5 pearls;			EVP only		Nematode		
Mustard seeds- 10 g;			EVP + allopathy (dewormer, fluid therapy)		Cestode		
Neem leaves- 1 handful;				Treatment data			
Cumin- 10 g;		Adults		Average frequency of EVP application per day			
Bitter gourd- 50 g;			EVP only		Average no. of days for which EVP was used		
Turmeric- 5 g;			EVP + allopathy (dewormer, fluid therapy)		Average no. of days in which animal got recovered		
Pepper- 5 g;							

Banana stem- 100 g; Common leucas -1 handful; Jaggery- 100 g. Other ingredients used	Clinical signs	No. of animals (%)		No. of cases in which relapse is seen on basis of clinical signs/ faecal examination
		Pre treatment	Post treatment	
	Diarrhoea			Adverse reaction observed, if any:-
	Weight loss Dehydration			

Instructions for filling the proforma

1. Change in ingredients: Any deviation from mentioned quantity is to be written.
2. No. of animals: Write the number of animals given treatment, recovered with respect to mode of therapy used i.e EVP alone or EVP + allopathy (separately for calves and adults)
3. Clinical signs observed: Write the percentage of cases with respect to particular signs observed before treatment and after treatment
4. Number of cases w.r.t. type of worms: classify the cases according to the parasite found on faecal examination and write the number of cases under different headings (E and recovered). This is to determine if therapy works on all or particular parasite.
5. Treatment data: write the average frequency of EVP application per day, Average no. of days for which EVP was used and Average no. of days in which animal got recovered
6. Please add Photos of pretreatment and posttreatment depicting the improvement