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Editorial

**VAWK NATNA HRANG
 HRANG LAKA
 INVEN DAN**

*Dr. Esther Lalzoliani
 Vety Officer (DI Lab)*

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*Dr. C. Lalrintluanga, MVSc
 (Patho)
 Dy. Director (DD)*

**THEME - VALUE OF
 VACCINATION**

*Dr Daniel Chianghnuna
 President
 Indian Veterinary Associa-
 tion (Mizoram Chapter)*

**RAN KE LEH KA NA HRI
 LEH RAN NO CHHIAT
 NATNA HRI TIBO TURA
 RAMPUM HUAPA
 HMALAKNA**

(National Animal Disease
 Control Programme for Foot
 and Mouth Disease and
 Brucellosis)

Keimahni :

Editorial

Pathian hruaina zarah kum 2019-2020 kum thar kan lo chuang kai leh ta reng mai a. He kumtharah ran vulhtute zawng zawng leh he lehkhabu lo chhiartute zawng zawng ‘Ranvulh Puitu’ Editorial Board chuan chibai a buk che u a, duhsakna a hlan bawk che u a ni. Kum a thar angin kan ramah chuan Sawrkar thar kan nei a, thawh hona tha tak nen kan ram intodelhna turin a bikin sa leh artuiah ke kan pen zel turah ngai ila.

Mizote hi kan pi leh pute atang tawh a vawk vulh uar hnam kan ni a, chhiatni/thatni leh hun pawimawhah vawksa tello a ruaitheh chu kim lo tlata ngaih a ni a. Kan sa ei duh rualkhai ber a ni ti ila, a sual tam lovang. Khawsak a lo changkan leh mihring kan lo pun chhoh zel takah chuan sa mamawhna a lo sang tual tual a, vawkvulhtu pawh kan pung zel a, thil lawmawm tak a ni. Chutih rualin ram thang zelah khawpuiah vawk vulh rem lohna a lo lian ta zel a, AMC in khawpui chhung, veng thenkhatah vawk vulh phal lohna order hial a chhuah ta a. Amaherawhchu, hei hi hnual nana hmang lovin khawpui dai fem leh huan/ram neite tan hlawk zawka vawk vulh theihna hun a lo inherah ngai ila. Hlawk zawka vawk vulh thei turin tunlai thiamna te hmang tangkai thiam ila, department a thawktute nena in hne hnai taka awmin, a hralhna lama buaipui ngai miah lo VAWK vulh hi uar lehzual ang u.



VAWK NATNA HRANG HRANG LAKA INVENDAN

Dr. Esther Lalzoliani
Vety Officer (DI Lab)

Sap thufing chuan 'Prevention is better than Cure' - In ven hi tihdam ai chuan a tha zawk a lo ti a, Inven hi vawk natna chi hrang hrang leh an hriselna atan thil pawimawh leh tha ber a ni. Thil awlsam leh man tlawm, zawm awlsam taka kan vawk vulh te hri leh natna dang lak a venhim hi vawk vulhtute mawhphurhna a ni, inven nachang kan hriat loh chuan sum leh tha tam tak sengin kan vawk damlo te kan enkawl a ngai a, vanduai pheii chuan a ran thlengin kan chan thei a ni. Chuvang chuan kan vawkte hri laka an him theih nan leh an lo hrisel zawk nan engtingge kan tih ang tih hriat hi thil pawimawh tak a ni. Natna thenkhat chu damdawi hman te a han enkawl deuhva dam leh mai te an awm laiin thenkhat chu enkawl dam theih loh leh kan vawk vulh zawng zawngte tan pawh a chhiatna thlentute pawh an ni thin. Kan vawk vulhte hri leh natna venhim dan pawimawh deuh deuh te lo ngaithla dawn ila.

1. Kan vawk te chu hmun bikah, mihring leh ransa dangte luh chhuah mai mai theih lohna hmunah thianghlim tak leh nuamsa taka an awm theihna turin kan vulh tur a ni. Kan vawk in te chu midang vawkin nen inhnaih lutuk lovah a awm tur a ni a, tha takin kan hung bawh tur a ni.
2. Vawk note i lak thar dawn reng rengin an hrisel tha tih hriat chian chauh lei thin la, vawk vulh lai i lo nei sa anih chuan dah fin nghal mai lovin ni 21 atanga ni 30 thleng tal dah hrang thin ang che.
3. Chaw leh tui thianghlim tha tih hriatchian chauh pek thin

tur, choka ningnawi kan pe anih pawhin tha taka chhum so phawt tur a ni. A theih phei chuan choka ningnawi leh restaurant vel a ei ningnawi pek loh hram hram a tha. Vawk pul hri kan tih ho - classical swine fever (SF), Porcine Reproductive and Respiratory Syndrome (PRRS) te hi vawksa them, chhum hmin that loh kan vawk vulh lai kan pek palh chuan awlsam takin an kai thei a, a tha berah chuan ningnawi pek a him loh avangin pek loh tur, pek duh pawn tha taka chhum so vin pek chauh tur a ni.

4. I ran In emaw farm emawah hnathawk bak mihrang luh tir lo la, a bik takin ran a sumdawng thin-vawk zuar te, vawksa ser thin te, hri kai darh tirtu an nih theih avangin, nangpawh midang ran inah kal mai mai lovang che. Tin, farm luhna tur gate ah footbath-chu chu chawhtawlh ah emaw tui tlin theihna tur khuar siam a damdawi / disinfectant tui

- ke/ pheikhawk chiahna tur siam thin tur a ni. Farm a lut leh chhuak apiangin an ke an chiahna turin, hei hi achhan chu vawk damlo te hian an zun, ek, chil, hnap leh mit ek leh an taksa atanga tuihnang chhuak atangte in natna hrik an ti chhuak a, khangkha kan va rah chuan kan pheikhawkah te natna hrik lo kaiin hmun danga kan put darh theih thin vang a ni. Tin, ran in a luhna bik hnathawh kawr neih hi a tha khawp mai, farm chhuahsan dawn in thlak leh mai thin tur a ni.

5. I ran leh ran In fai takin vawng la, a khat tawkin damdawi (disinfectant) tuisen-potassium permanganate hmangin silfai thin ang che. Tin, ran Inah bungbel thianghlim chauh hmang la, an chawthleng pawh fai takin silfai thin ang che, ei leh in thianghlim lo atangin natna hrik a kai theih tih hriat tur a ni.

6. Kan vawk vulh te hi chul nel ila, an mahni ah

danglamna a awm leh awm loh te chik takin en thin ila, chaw an ei tha em, an tho harh em tih te hi chik taka thlithlai reng thin tur a ni, engemaw an mahniah danglamna a awm anih chuan Vety Doctor te rawn vat thin ang che, hetiang kan tih chuan an damloh zual tak tak hmain enkawlna tha kan pe thei dawn a ni. Mi thenkhat chu an vawk ten ni 3 vel chaw an ei tawh loh hnu a doctor pan chauh chingte kan awm thin a, theih tawp chhuah pawh a chhan hman tawh loh te an awm thin, vawk damlo leh thi an awm reng rengin mithiam te rawn vat nachang i hre thar ang u, Engvanga damlo leh thi nge tih kan hriat vat chuan a la dam lai dangte pawh kan chhanhim thei anga hri leng tur pawh kan veng him thei dawn a ni.

7. Vawkpui vulhtuten kan vawkpui te kan pawl tir dawn in, vawk pa chi tha leh hrisel tha tih hriatchian chauh hman thin tur a ni.

Vawk kah rai/ Artificial Insemination tih theihna hmunah chuan kah rai tir hram ang che, Department in vawkpa chi kan neih te hi regular taka an hriselna leh an chi that leh thatloh endik reng an ni a, vawk chi tha chauh hman thin anih avangin hri lakah a him bik a ni.

8. Ran damlo reng reng chu ei turin talh reng reng loh tur, engvanga damlo nge an nih a, eng natna hrik nge an pai ang tih pawh hriat loh, mihring tana hlauhawm tak natna an lo pai ru reng thei a ni tih pawh hriat tur, kan sum duh luatah mihring nunna tam tak in kan tuar thei a ni tih hriat tur a ni.

9. Vawk thi reng reng chu thuk taka, chinai nen uluk takin phum thin tur a ni, ui leh ransa dang in an hai chhuah mai mai theih loh turin phum tur, heng ran te hian hmun dangah natna hrik an put darh theih avangin.

10. Vawk talh tute pawh in kan vawk talhna thli leh sa chhia te uluk takin thenfai ðhin tur a ni, kan sa talhna hmanrua leh kan chetna vel chu damdawi hmang a tih thianghlim ðhin tur a ni.

Heng kan sawi bakah hian vawk natna hi hridan/ vaccine hmanga ven theih an awm bawk a, Mizoram a kan hman tlangpui te chu:

Swine Fever : Hei hi vawk pul hri kan tih ang kha a ni a, he natna hi vawk note aţanga a puitling thlengin an kai thei a ni. Swine Fever natna ven nan hian vaccine / hridanna pek ðhin tur a ni a, he vaccine hi vawk note thla khat an tlinin pek tur a ni a, a hnu chawlhkar li naah booster dose pek leh tur a ni, hetiang anih loh pawhin thlahnih an tlin ah pek a chumi hnuah chuan thla 6 danah zel hridanna hi pek tawh tur a ni.

Foot and Mouth Disease: Ran ke leh ka na hri FMD hi vawk pawhin an kai theih avangin hridanna / vaccine

hmanga ven theih a ni a. Vawk note thla hnih an tlin in pek tur a ni, chumi hnuah chuan thla ruk danah pek ðhin tur.

Tunlaia vawk pul hri lar tak Porcine Reproductive and Respiratory Syndrome (PRRS) hi a venna vaccine chu a awm a, China leh USA ah te pawh an hmang ðhin a, amaherawhchu vaccine hi India ramah lei tur a awm ve lova, chumai bakah Govt. of India in he vaccine hi hman a la phal loh avangin Mizoramah pawh hman a la ni lo. He vaccine hi vaccine dangte nen a in ang lova, natna lo dang lovin an damlo nasa lutuk tur a ti nep chauh a ni. Tin, vaccine kan pek khan vawk in an zun, ek, chil, hnap, mit ek te aţangin natna hrik an tih chhuah tho avangin vawk dang in PRRS an kai pah thei a ni. Tin, kan vaccine hman a natna chi awm leh Mizoram a leng mek natna chi kha an in ang chiah chiah a nih loh chuan

vaccine pek kha awmzia a awm lo thei bawk a ni.

Tin, tunlai hian China, Mongolia, Vietnam, Cambodia, Korea, Hongkong, Laos leh Myanmar-ah PRRS aia hlauhawm zawk natna African Swine Fever a leng mek a, vawk tam tak an thih bakah a tai darh zel tur ven nan vawk dam tha lai pawh tam tak an suat a ni. Hetiang a nih avang hian Myanmar nen ramri thui tak kan intawm bawk si a, India ram state zawng zawngah hian dinhmun hlauhawm berah kan ding mek a ni. PRRS hri leng pawh kha India ramah chuan a vei hmasa ber state kan ni nghe nghe a ni. Tunah he hri hlauhawm tak African Swine Fever hian kan ram lo la lutlo mahse tun dinhmun a kan tih theih

awm chhun chu INVEN hi a ni. He kan dinhmun hre reng hian Sorkar pawhin Myanmar atanga vawk lak luh a khap mek a, chutichung chuan mi thenkhatin a rukin vawk an la lut bawk a, hetiang khapna dan a awm chung pawh a Myanmar atanga vawk lak luh hi kan ram tan hmelma hlauhawm ber an ni. He natna in kan ram a lo luh lohna tur in RAM NEITU mipui kan fimkhur a kan tanrual a ngai tak zet a ni.

Kan vawk vulh te an lo hrisel a, hri laka kan him theih nana in venna kan sawi zawng zawngte hi zawm ila, kan ran vulh te an hrisel chuan keini mihring te pawh kan lo hrisel ve zel mai dawn a ni.

*I nupui i hmangaiha i duat viau chuan
Pathianin a dang pawh a pek belh ang che -
Somalian thufing*

FMD HI ENGE NI?

Dr. C. Lalrinluanga, MVSc (Patho)

Dy. Director (DD)

FMD (Foot and Mouth Disease / Ran ke leh ka na hri) hi tun hma deuha khawthlang - Europe hmun hrang hrangah lang chhuakin ram thenkhat phei chuan an bawng te an tiralin an suat chiam a nih kha. He natna hian khawvel hmun hrang hrang a tuamin India ngei pawh min chenchilhin Mizoram pawh kan Sawrkar hmalaknain a tihrem/ control programme kalpui mek a ni.

FMD hi Picorna virus- in a thlen niin chi hrang hrang 7 lai a awm a, Mizoramah chuan ni 2 - 'O' leh 'A' sub type hmuh chhuah a ni a, chutiang bawkin Myanmar aṅanga ran lo lutin a rawn put luh pawh hetiang chi tho hi a ni tih finfiah a ni. He natna hi bawng chauh ni lovin, ran ke tin kak chi - sial, lawi, beram, kel leh vawkin an kai thei vek a ni.

He natna hrik hi a tet em avangin boruak aṅangin awlsam takin a kai chhawn theih a. He natna vei / kai zun, ek, chi (semen), hnute tui, pan hnai leh chilah te hian he natna hrik hi tam tak a awm a, chungchu ei tel leh boruak

aṅanga hip luhin awlsam takin an inkaichhawng thin. Natna hrik taksaa a luh aṅanga darkar 12 - ni 14 chhungin a lang chhuak deuh ber thin.

A lan chhuah dan :

An ke leh kaa a lan chhuah hmain an khua a sik a, chaw ei tui lo, chau / nguaiin hnute tui a tlahniam thut thin. Khawsik tlahniam leh in an ka (mouth)-ah durh (vesicles) a lang chhuak ṅan a, chaw ei leh thial pahin heng durh hi a keh a, na an tiin chaw an thial hlei thei lova, chil thli a far duah duah thin. Heng durh leh chil thliah hian natna hrik (virus) tam tak a awm avangin ran dangin awlsam takin an kai thei a ni.

An ka (mouth) chhunga durh ang bawh hian an ke tin kar leh ke tin inzawmna laiah a lang chhuak bawh a, an ke tin a lo kau va, na an ti hle thin. Hetih hun lai hian ngun taka enkawl an nih loh chuan natna dang in a tlakbuak duh hle. Thoin a bawmin pan nasa tak a insiam a, lung (maggot) insiamin an ke tin a thlawnin an bai hlen hial thei. A na zual te phe chu an din theih loh avangin an chau tulh tulh a, chaw ei thei lo bawh nen, pum a puar zui a, enkawl ngun loh chuan an thihpui hial thin.

Heng durh kan sawi tak te hi hnute hmur leh bu-ah a lang chhuak bawh a, hei vang hian hnute hnek leh sawr an phal lo fo thin, hnute bu natna (mastitis) a thlen fo bawh. Ran naupang lamin an vei chuan an thihpui fo mai. Tin, bawng rai laiin no an chhiat phah duh hle a, thenkhat chuan an chin phah hial thin Endocrine system (taksa bawhlo siamtu) a khawih chhiat avangin a dam chhuak leh pawhin ngai an aw h zo tawh thin lo. Thih pui

puk puk natna ni lo mahse enkawl a hautakin a dam chhuak leh pawhin ngai an aw h theih tawh loh avangin ram economy a nghawng phak a, kum tin cheng vaibelchhe 20,000 vel FMD avang hian hloh thin a chhut a ni. chuvangin India sawrkar pawhin control programme chak takin a kalpui reng a ni.

Mihringah : FMD mihring leh ranin natna kan intawm (zoonotic disease) zinga mi niin mihringin kan kaiin kan thehdarh nasa thei hle a, naupang leh taksa chak lo zawk, immunity hniam ten an vei duh zual a ni. Heng kan sawi durh (vesicles) te hi kut leh ke kar velah te, hmui leh ka chhungah te a insiam a, khawsik pawh a tel thei. Ran ang em chuan mihringah a thawk na lo va, tam tak chuan kan vei/kai tih pawh inhre lovin hun eng emaw hnuah a dam leh mai thin. Thenkhat erawh chuan antiviral drug leh damdawi danga enkawl ngai pawh an awm bawh. Heng natna kai leh vei tih inhre lem

lo pawh hian natna hrik hi an pu darh reng thei a ni. Natna inkai leh thehdarh awlsam a nih avang hian he natna vei ran chu khawih emaw ei tura sawngbawl loh tur a ni.

Enkawl dan : FMD vei ran chu dah hran nghal tur a ni a, a in leh vel zawng zawng tuisen (KMnO4)-in fai taka sil tur a ni. An ka, ke leh hnute bul velte uluk takin tuisena sil hnuaah damdawi - himax/skin heal spray/topicure etc. hnawihin tho bawmtir loh hram hram tur a ni a, hetiang hian nitin dressing thin tur a ni. Mizopa damdawi - chirh leh bawngke te hi hnawih loh tur a ni a, a kai palh a nih pawhin kan sawi tak ang hian fai taka sil zawk tur a ni. Natna dang laka veng turin antibiotics course pek ngei bawk tur a ni.

Diagnosis : Kan sawi tak ‘a lan chhuah dan’ atangin FMD hi hriat theih a ni a, finfiah tur erawh chuan laboratory diagnosis a ngai a ni. Hemi atan hian ka chhung leh kea pan khir (tongue, gum and feet epithelium) lain Sandwich ELISA hmanga enfiah theih a ni. He test hi darkar 8-12 chhungin zawh fel theih a ni.

A venna : Vaccine - trivalent FMD vaccine hmangin hlawhtling takin a ven theih a, hei hian thla 6 chhung chauh a ven avangin thla 6 dan zelah pek nawn thin tur a ni.

Heng kan han sawi tak atang hian FMD natna a darh zau zel loh nan mitin ten mawhphurhna kan nei tih hriain i fimkhur theuh ang u.

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I hna chu ngai pawimawhin thawkrim hle mahla i damloh hunah chuan i hna in a enkawl let dawnlo che a, i chhungte leh i thiante zawkin an enkawl dawn che. Chuvangin i chhungte leh i thiante thlahthlam ngai suh.

THEME - VALUE OF VACCINATION

Dr Daniel Chianghnuna

President

Indian Veterinary Association (Mizoram Chapter)

Khawvel pum huapa kan serh ðhin World Veterinary Day chu April ni 27, 2019 hi a lo ni leh ta reng mai a, he ni hi khawvel pumah ran vulh lama thiamna (Veterinary Science) thawkte chuan kan serh ðhin a, he ni denchhen hian ran doktor leh ran damdawi lama thawk te, ran vulh leh enkawl tute hriat tur pawimawh sawi ðhin a ni. Veterinary Science hi thiamna upa tak a ni a, mihring hmasaten ran vulh nachang an hriat tirh aþangin ran enkawl lama thiamna hi a lo in ðan tawh a, ran natna hian an ran vulhte a lo tihlum tawh ðhin in damdawi leh enkawl na chi hrang hrang hmangin an lo tidam tawh ðhin a ni. Tin, ran

natna hi mihringten an kai chhawn theih avang hian an lo fimkhurin ran thi sa (meat) te chu ei thiang lohvah an lo ngai bawk ðhin. Tin, mihring hausakna pawh an ran rual neih aþang chhut niin chu chuan an khawtlang nun dinhmunte pawh a lo hril ve ðhin. Keini Zo fate pawh hi ziaka dah history kan nei lo nangin, hun rei tak aþang khan ran hi kan lo vulh tawh tih hi a hriat a, tin inthawinan pawh ran leh arte hi kan lo hmang tawh tih kan hria. Chuvangin hring nunah chuan kan ran

vulhte hian kan khawtlang nunah kawngro thui tak a su a ni. Hetiang anih avang hian ran lam zirna pawh hi a bikin an lo zir ðhin hi a ni a, tangka, rangkachak leh lunghlute kan neih hma daih aþang tawhin kan hausakna tehna a lo ni a, an dam loh emaw an thih emaw chuan a neitu tan chuan chhiatna rapthlak tak a ni.

Wawiin World Veterinary Day a kan thupui chu ‘**Value of Vaccination**’ - tih a ni a, chu chu zo ðawng chuan ‘**Venlawkna damdawi**

hlutna te' - kan ti thei ang chu. Chu chuan kan thusawi tur hawi lam pawh a ti chiang kuar kuar ang chu. Ni e, ran hi an damloh chuan kan tih tur hmasa ber chu an dam loh dan a zira a damdawi pek a ni mai a, kan enkawl dan a zirin an lo dam chhuah emaw, an thi emaw, dam chhuak si in chawr che takin an dam emaw aniang. Chu chu ran neitu tan chuan hlohna nasa tak a ni dawn a, a chhan chu ran hi, lei let leh puak phur atan te, a sa ei atan te, a hnutetui ei atan emaw an tui (Eggs) emaw atan a vulh kan nih avang a ni a. An thi a nih chuan sawi ngai lovin a hloh tur chu a chiang sa a ni mai a, chawr che taka dam chhuak si, chhawr chhunzawm hleihtheih loh an nih chuan a hma a kan hlawkna kha a zatve velah a tlahniam duai thei ang. Chuvang chuan ran hi dam lo lo tur a hma lakna a pawimawh ta a ni. Keini vety lama thawkten kan sawi thin dan chuan ran natna tam tak hi ran kan vulh te tha taka kan enkawl a, chaw leh tui thianghlim te kan pek a, ran in tha taka kan dah baw k chuan,

(Management tha tak nen chuan) natnate hi engemaw chen chu kan pumpelh thei a ni.

Heti hian han ngaihtuah chhin ta ila, layer ar hian a tui hun chhung ni 300 vel chhung hian 250 vel an tui thei a, amaherawhchu a pul hri emaw, a hmai huh hri emaw lo vei ta se an vei chhung hian chaw te an ei tha dawn lova, an dam chhuah leh pawhin 200 pawh an tui tawh lo mai thei. Chumi awmzia chu kan enkawl na senso ngai reng si khan a tui 50 vel lai in a tlem dawn tihna a ni. Chutiang bawkin bawng hnute sawrlai in a kena hri - FMD a vei palh anih chuan a ke leh ka pan vel enkawl hautak piah lamah a hnute tui a tla hniam duai a, an dam chhuah pawhin a hma a tluk thei tawh lovang. Chutiang bawkin, vawk pawh natna Swine Fever te an vei chuan thla 10 a kg 80 tling thei tur khan kg 60 emaw 70 emaw vel chauh a tling thei tawh ang a, vawkpui pheih chuan no an chhiat hlauh pheih chuan vawk te 8 lai, tun lai lai rate a cheng 40,000/- man lai kan hloh

nghal der tihna a lo nih chu. Vaccination hlutna kan hriat chian theih nan, vaccination tih loh vang a channa chu hetiang hian sawi ta ila.

1. An dehchhuah atanga hlohna (Production loss eggs, milk, meat and labour)
2. An enkawlna senso hautak (cost of medical care)
3. Natna dang an vei zui leh duh (Second infection)
4. Ran leh mihring ah natna an theh darh thei (Epidemic/epizootic)
5. An damloh chhunga an na tuar (Pain and suffering)
6. A neitu te tana rilru hah leh hun khawh ral. (Mental stress and closure /Quarantine)

Tikhan, sawi belh tur pawh chhiartuten in hre t̄euh ang ka ring.

Tunah chuan ran chiuna Vaccine lam tawi te in han sawi dawn ila. Natna tam zawk hi chu a ven lawkna Vaccine pek chi a ni lem lova, Scientist ten nasa taka an beih hnuah natna thenkhat hi chu a venna vaccine an siam chhuak

thei chauhva. Mihring natna lar tak **AIDS te Cancer** te hi vawiin thleng chuan a venna an la siam chhuak lova, vawk natna Mizoram in kan hriat lar tak em em PRRS pawh hi ram thenkhat chuan a vaccine an siam tak na in, khawvel pumah chuan an la pawmpui hrih lova, an la hmang lo. Natna ven theih ho hi a natna hri kha damdawi hmangin an ching zaw (Attenuate a, chu chu ran tana natna thlen lo tawk lek khan vaccine ah hian an hmang ta thin a, a then chu a natna hrik thi tawh mahse, taksa a chiu luh a natna lo lut tur veng thei site pawh a awm bawk a. Heng vaccine kan chiu luh hian ran taksa leh thisen a natna dotu khan an lo bei let vat a, chutichuan thisenah khan heng do theihna tur - Antibodies- kha an lo siam chhuak ta a. Natna a lo len pawh in an thisen a natna do theitu antibodies an lo pai lawk avangin natna hrik khan a ngam ta lo thin a ni. Hei hi venna damdawi - vaccine - siam dan leh hnathawh dan kalphung anih avangin vaccine hi uluk taka vawn angai a, hrik

pai an nih miau avangin a vawt a vawn tur a ni a, a then chu vawt lutuk a khang thei khawp a vawn chuan a chhe thei a, a lumah chuan an chhe thei deuh vek tlangpui.

Mizorama natna ven theih leh vaccine kan pek thin lar zualte tarlang leh hmasa phawt ila.

Ar : Ar pul, Ranikhet - Newcastle Disease leh Ar hmai huh-Fowl pox, Marek Disease.

Ui : Ui a-hri-rabies, canine distemper, Parvo virus.

Bawng : Ke leh ka na - FMD, Black Quarter (BQ) haemorrhagic Septicaemia (HS)

Vawk : FMD, Swine Fever (SF)

Sorkar Vaccination programme hlawhtling tak tak a awm tawh a, mihringah chuan **Zeng hri-Polio te, Zawng hri-Small pox** te hi a hlawhtling tawh a, mi tamtakin kan thihpui thin leh piansual phahna thin kha um bo a lo ni ta. Ran lamah chuan **Rinderpest-bawng leh ran ke kak chi kawthalo natna** hi India

ramah chuan nasa taka beih a nih hnuin um bo a lo ni ve ta bawk. Heng natna avanga sum leh pai leh hun leh tha senso, sen ngai ta lo hi kan chhut chuan, man to tak a ni. **Chuvangin vaccination hi a hlu hle tih chu hnial rual lohvin a dik a ni.**

Kumin World Veterinary Day a kan thupui **Value of Vaccination-Venlawkna damdawi hlutna te-** tih thu a tlang puiin kan lo hre ta a, ran vulh kan ni emaw, damdawi a enkawltu kan ni emaw, sorkar lama thuneitute emaw kan nih pawhin, ran na tuarte tuar lo tur a siam te, a vulh tuten sum leh pai an hloh loh nan leh, ran dang leh mihring thleng pawh a kan himna tur atan vaccination hi a pawimawh hle tih hi hre ta ila, thunei tuten chiu hun an tih ang chuan thu awih takin zawm zel turin ka sawm nghal bawk che u. Vawiin hian ngaithlatute zawng zawng **World Veterinary Day chibai** ka buk vek bawk a che u.



**RAN KE LEH KA NA HRI LEH RAN NO
CHHIAT NATNA HRI TIBO TURA RAMPUM
HUAPA HMALAKNA**

**(National Animal Disease Control Programme
for Foot and Mouth Disease and Brucellosis)**

Ran natna hrileng hian ranvulh lama hmasawna tur nasa taka a tih thuanawp avangin heng ran natna tibo tura hmalakna hi sawrkarin a ngai pawimawh em em a ni. A bik takin heng ran natna zingah hian **Ke leh ka na hri (Foot and Mouth Disease)** hian nasa takin bawngnhnute tharchhuah a titlem a, ranvulh leh bawngnhnute a eizawngte tan mai bakah ram pum tan sum leh pai hlohna nasa tak a thlen thin a ni. Hei bakah hian **Ran no chhiat natna (Brucellosis)** hi nasa taka sum leh pai hlohna thlentu a nih bakah mihring pawhin kaichhawn theih natna a nih avangin natna hlauhawm tak a ni. Chuvangin India sawrkar chuan heng ran natna pahnihte India ram atanga tihbo a nih theih nan hmalakna lian tak **‘National Animal Disease Control Programme for Foot and Mouth Disease and Brucellosis’** duang chhuakin tunah hian he programme hnuaiah hian India ram hmun dang rualin Mizoramah pawh heng hrileng danna atana ran chiu beihpui thlak mek a ni.

He ram puma hmalakna in a tum berte chu :

- a) Kum 2025 a ran ke leh ka na hri khuahkhirh leh kum 2030 ah chuan he natna hri lak atanga India ram tih fihlim.
- b) Kan ranvulh ten Ran no chhiat natna (Brucellosis) an

vei loh nana hmalak.

**Heng achunga mite tihlawhtling tur hian a hnuai
mi ang hian hmalak tur a ni:**

- Ram puma Bawng leh Lawi awm zawng zawng (100%) Ke leh ka natna hri danna a kumtin vawihnih chiu vek tur.
- Ke leh ka natna vei thei ran dang, Kel, Beram leh Vawkte pawh chiu tur.
- Ran chiu beihpui hi India ram pumah a inruatlanga kalpui tur a ni.

Heng achunga ran natna kan tarlan te tibo tura hmalakna hi a hlawhtlin ngei theih nan hemi atana senso ngai zawng zawng chu Central sawrkarin a tum vek dawn a ni. Mizoramah pawh he hmalakna hi hlawhtling taka kalpui a nih a, heng ran natna te hi kan tih rem ngei theih nan ranvulhtu zawng zawngten in ranvulhte A.H & Vety Department a thawktute hri danna a lo chiu tir vek turin ngen in ni.

Hlawhtlinna thuruk:-

- ◆ Midang aiin hre tam rawh
- ◆ Midang aiin thawk tam rawh
- ◆ Midang aiin beisei nei tlem rawh

- *William Shakespear*

KEIMAHNI**PROMOTION**

Sl. No.	Name	Present place of posting	New place of posting
1	Dr. Lalchungnunga Pudaite	Deputy Director (LS)	Joint Director (B)
2	Dr. Lalremliana	Managing Director, MULCO	Joint Director (Admn)
3	Dr. Lalrinpuii Sailo	Principal, SVSc	Joint Director (SZ) Lunglei
4	Dr. Lalrintluanga	C.V.O., Lawngtlai	DVO Lawngtlai
5	Dr. C. Khawthangmawia	V.O, Saitual	CVO Mampui
6	Dr. B. Lallawmsanga	V.O, Champhai	CVO Polyclinic Hospital

TRANSFER & POSTING (Officers)

Sl. No.	Name	Present place of posting	New place of posting
1	Dr. H Lalhanmawia	Joint Director, Polyclinic Hospital	Joint Director (P)
2	Dr. R. Thangthuama	Joint Director (SZ) Lunglei	Joint Director, Polyclinic Hospital
3	Dr. PC Lalsangzuala	CVO Polyclinic	Principal, SVSc
4	Dr. C. Lalzuitluanga	CVO Chawngte	Attached to Polyclinic Hospital
5	Pu H. Lalnuzuala	DRO Champhai	R.O, Dte A.H. & Vety

TRANSFER & POSTING (Staff)

Sl. No.	Name	Present place of posting	New place of posting
1	C. Lalramdika, VFA	RAHC Hlimen	RAHC Sialuk
2	Lalrinzuala, VFA	RAHC Phuldungse	RAHC Hlimen
3	P.L. Rohlira, IV-Grade	DVO Office, Kolasib	RAHC Saiphai

PENSION (April 2019 - June 2019)

Sl. No.	Name	Designation	Present place of posting	Date of Superannuation
1	N. Lalrinthanga	HA	DVO Office, Lawngtlai	30.4.2019
2	P. Lalrinliana	UDC	JD(SZ) Office, Lunglei	30.4.2019
3	Kalu Marandi	IV Grade	DVO Office, Lunglei	30.4.2019
4	P. Romawia	IV Grade	DVO Office, Mamit	30.6.2019

Awareness campaign on Preparedness of African Swine Fever

Aizawl leh a chhehvela Officers te tan Ni 23-4-2019 khan ASF Awareness Campaign Vety Polyclinic Hospital Conference Hall ah neih a ni a, Parimal Roy Chowdhury an zirtirna a pe.

Free Animal Health Camp, Free Vaccination.

April to June 2019 chhung hian District tinah Free Animal Health Camp leh Free Vaccination neih a ni, Tin, **“Animal disease and brief explanation”** chungchang Essay writing competition Mamit District tan buatsaih a ni bawk.

Brucellosis Training

Ni 6-6-2019 khan Vety Polyclinic Hospital Conference Hall ah “Laboratory Diagnosis Brucellosis” under RKVY 2018-2019 Vety Doctor te tan one day training buatsaih a ni.

OBITUARY

Lalzarliana IV-Grade, Champhai DVO Office a thawk mek chuan 12-5-2019 khan chatuan ram min pansan. Pu Lalzarliana hi mi taima leh tlawmngai, rinawm taka hnathawk thin mi, a thawhpuite tan a inpe zo tak mi a ni a, hetiang mi tha Department in kan chan hi kan ui em em a ni; a kalsan tak a chhung leh kua te Pathianin awmpuiin thlamuan zel se tih chu kan tawngtaina a ni.

