

RANVULH PUITU
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Mizoram, Aizawl

Editorial

Ranvulh enkawltute kut tichak turin Ni 8 March 2024 khan A-Help chu AH & Veterinary Department Minister Pu C.Lalsawivunga'n Dawrpui Multipurpose Hall, Aizawlah hawinna a nei a, A-HELP (Accredited Agent for Health and Extension of Livestock Production) hi Central level a Deendayal Antyodaya Yojana-National Rural Livelihoods Mission (DAY-NRLM), Ministry of Rural Development (MoRD) leh Department of Animal Husbandry and Dairying (DAHD), Government of India ten thawhhona thuthlung Memorandum of Understanding (MoU) 1st September, 2021 a an ziah atanga in tan ani a. India state hrang hrangah hlawhtling taka A-Help chu kalpui tawh niin, Mizoram chu North East India a pahnihna tur a ni a. He hmalakna kaltlang hian DAY-NRLM hnuaia Self Help Group member hmeichhia Livestock Community Resource Persons (LCRP) a thlanchhuahte chu he program kaltlang hian tangkai taka hman tum an ni, Pushusakhis (friends of animal) ti a koh an ni bawk. National Dairy Development Board (NDDB) chu Nodal agency niin training programme te an buatsaih anga, Mizoram tan Master Trainers tur mi paruk (6) te an training tawh a, Batch tinah Pashusakhis mi 250 te pawh training tir an ni ang. Batch tin hi ni 16 chhung training tir tur an ni a, Mizoramah chuan a remchan zawk nan vawikhatah mi 25 zel an training ang, anni hi Animal Husbandry & Veterinary Department training center hmung hrang hrangah Master trainers ten training an pe ang a, an training chhung hian Pashusakhis te chu ran hrilseinate, ran vulh dan te, ran chaw chungchangah te leh state leh central sorkar schemes hrang hrangte zirtir an ni ang, farmte, ranchaw sawngbawlina hmun te, bawnghnute sawngbawlina hmunahte field visit an nei bawk dawn ani. Ran hri venna (vaccine) pek dan te, ran hri zirchianna te, ear tagging te leh first Aid pek dan te zirtir an ni anga. Heng ni 16 chhunga an zir te hi ranvulh tute hnenah an thiamna te hmang a, a tangkai thei ang bera semchhuak tura zirtir an ni dawn ani, An training ni 17 naah chuan Pashusakhis te chu National Academy of RUSети in practical leh Theory in zirtirna pawimawh tak an lo pe bawk dawn ani. A-Help chuan Veterinary Officerte leh ranvulhtute inkar zau thin chu a hnuk hnai dawn a, Veterinary Officerte field levelah nasa takin an pui thei dawn a ni, Hemi chungchangah hian an hna thawh tur pawh Departmentin mumal takin siam sak se, Ran damlo enkawla Doctorte lo puih mai bakah khawtlang tana sorkar tha tichaktu pawimawh tak ni ngei se a duhawm.

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**TÛN HMÂ, TÛN HMÂ DEUH, TÛN, TÛN HNU
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Former Director
A.H & Veterinary Deptt.

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TÛN HMÂ, TÛN HMÂ DEUH, TÛN, TÛN HNU VETERINARY, MIZORAM-AH (Chhonzawmna)

*- Dr. C. Sangnghina
Former Director, A.H & Veterinary Deptt.*

TÛN HMA Veterinary-a hna thawkte thawh dân chu maw – khatia P.S. Dahrawka, Graduate of Bengal Veterinary College (G.B.V.C) a zawh hnu khan October 1925-ah VAS (Veterinary Assistant Surgeon) hna Aizawl-ah zawmin a thawk hman a. He title VAS hi tunah Veterinary Officer (V.O) ti a thlak anih avangin thangthar ten an theihngihl mai loh nan a lampumin kan dah a ni. Ani hian tanpuitu Pu Tuahsanga 4th grade chauh lo chu a dang/staff a neih sawi lan hriat an awm lo a. Kum 26 chhûng teh meuh kaisang loin, a awmna ngaiah a thawkin a awm a, kum 1951 December-ah Dhakuakhana, Lakhimpur District-ah transfer niin, hemi hnu hian D.V.O a kaisan tir niin, Silchar-ah D.V.O-in sawn leh a ni a. Hetih laia a bial hian Mizoram District pawh a huam a, a hunlai hian Animal Health Centre hmasa ber Kolasib-ah Rs. 2400/- man sak a ni.

Pu. P.S. Dahrawka hi Aizawl-a sawrkar hna a thawh chhung hian a mâ profession hna bâkah mizo mipui leh political party mite hriat leh râwn a hlawh hle. Henga a telna hi Mizo Hsitory (Mizote Chanchinah) hriat reng a hlawh lo thei lo. Indopui II-na (WW-II) zawh chuan India ram politics leh inawp dân a inlumlet tan a. Mizoram-ah pawh Lal-bân duhna borûakte pawh a lian tan a. A tawi zawngin sawi ila, kum 1946 January ni 14 khan Assam Rifle Lammual, Aizawl-ah mipui aiawh thlanna hmasa ber neih a ni a. Bial mipui Lal aiawh bâkah, hnamchawm aiawhte thlan an ni a. Tah hian Bial 1-na, Aizawl hnamchawm (Lal hnam nilo) aiawh tûrin Pu P.S. Dahrawka, Chhing Veng, Aizawl chu thlan a ni a. India ram

chu indopui 2-na reh hnu chuan Crown Colony (British Rule) atanga chhhuakin, Mizoram dinhmun tûr pawh rêl fel vê a ngai a. Heta tan hian committee te din a ni a, a chipchiarin kei hian ka ziaik thei lo a; he “Mizoram inawp dan” tûr ngaihtuah tura committee siamah hian Pu P.S. Dahrawka hi telh ve leh a ni. A hma a kan sawi tawh angin Conference hmasa bera hnamchawm aiawhtu a nih vang a ni ang. Hêng thu kan ziah tawh te hi, “Ka pu, Chaltuahkhuma, ka pi nuta pâ fapa, Mizoram, Member of District Council inthlan hmasa ber 1951 leh a dawt leh term 1957-a thlan tlin lehkhabu, “Mizoram Political History-a ziah lan a ni”. Ani hi thlantlin a nih khan Baktawng khua a in leh lo neia inbengbel a ni a, khitalai Bial VII na a thlantlin kha a ni. A tlin vawi hnihna 1957 hian sial talh a lawm a ni a. Ka pi nêl Mualpui Chhingchhip atangin kan kal ve. Hemi tum ruai theh zawh hian, amah ka Pu Chaltuahkhuma kha Salvation Army Kohhran a ni a, “Tawtawrawt zaipawl leh khuangpui nen”, kawng an zawh pui nghe nghe.

Kum 1947, August ni 14-chuan Mizoram hmakhua tur ngaihtuah turin Pu L.L. Peters, Superintendent of Lushai Hilla kaihhraina hnuaiah committee din a ni a. He committee-ah hian Political Party, Mizo Union, U.M.F.O, Mizo Hmeichhe Tang Rual Pawl, Kohhran hruaitu, Lal-ho, Ex-service, Sawrkar hnathawk aiawh amang ten thlan leh ruat an ni a. Sawrkar hnathawk atangin Pu P.S. Dahrawka, VAS hi thlan a ni. India rama lo independent a lo nih dâwn khân, Mizoram dinhmun tur ngaihtuah turin mipui vantlang inkhawm February ni 21, 1947-ah Theater Hall, Aizawl-ah neih a ni a. An thu rolum chu, “Self Government to stand on our own legs” tih a ni a. P.S. Dahrawka hi mipui aiawha hming signed tu zingah a tel.

Ama veterinary profession hrim hrimah kha chuan a kham khawp thawh tur a tam lo maithei a hunlai khan. Assam Rifle sakawr, puak phur atâna an vulh,

damlo enkawl kha an hna tam ber a nih hmêl. Motor kal theihna Mizoram-ah a la tlem avangin Sakawr/Sabengtung kha bungraw phurh nan leh kal vel nan an hmang rim hle a ni. Hêng a chanchin tlem kan han tarlan atang hian kan mi hmasa niin khawtlang leh ram tân a mi hriat hlawh phak a ni a. Chuvangin tunlai veterinary profession-a thangtharte tân a entawn tlak hle. Vets a lo duai lo hle.

“Thangthar kan ti teh ang che u, a chhan chu maw, kan tlangval/tleirawl thatlai tan tîrh a, thangthar min ti tute kha kum 70 vel a upa an ni tain ka hria. Kum 70 râl ka kai daih tawh, ka hranghlui tawh niin ka inhria, nangni thangthar” kan ti ta a ni e.

Dr. Zokhuma pawh hi pa theuneu lo tak a ni. Primary school hi Durtlang-ah a zir a, Middle school hi Boys ME School, Aizawl-ah a zir a, High School pawl 7 atanga pawl 10 hi St. Anthony’s High School, Shillong Don Bosco Father-te hostel ah awmin, kum 1945 atangin a zir a, matric a passed hnu hian Saint Anthony College, Shillong-ah kum khat a kal leh a; Assam Veterinary College 1948-a hawn anih khan Vety College chu a zawm leh ta a. Engvânga college pangai chhuah san a Vety College zawm ta nge i ni tih, ka hna zawm tîrh kan zin dun na a ka zawh chuan chipchiar deuh hian a sawi thin a. A tawi zawngin a sawi chu, Catholic Father-te (Don Bosco, St. Anthony’s H/S) hostel-a a awm lai khan Sap sipai, Borapani Shillong a awmte an lo leng thin a, tlaiah Borapani hmun vel a Cowboy nun chan zira, Cowboy sakawr indopui 2-na lai a an hman enkawltuten, sakawr chungchung chung hruizen a, sakawr dang an phih awh laite min entir thin a, hmuhnawm ka ti em em thin a ti. Khang sakawr damlote enkawl tur khan ran doctor te an nei bawk a. Khatatang khan Vety College Nowgong Assam-a hawn anih khan ka zawm ta a ni a ti. Min hrilh nawn fo ka hriat reng chu, “Motor ka chuanna la tlan chak ber chu Pathianni tlaikhat, kan hostel-a rawn leng Sap Sipai

Borapani a hawng thla tur khalh-ah a ni a. Sap Sipai belkhat bel, a bel pawh ‘V’ letling inbel va mai hi a ni a, chak mangkhengin a khalh a, him takin Borapani chu kan thleng zuk nia”, a ti. Dr. Zokhuma pa kha Pu Thangluaia a ni a, kum 1920-khan Junior Assam Civil Service hna zawmin, Mizo zinga Gazzeted Officer hmasa ber a ni an ti.

Kum 1951, VAS hna Silchar-ah a zawm a. Kum 1953, October ni 2 Gandhiji Birthday niin Community Development Project hmasa ber Bawngkawn, Aizawl-ah hawn a ni a. Pu C.L Rema chu Project Officer niin, Dr. Zokhuma pawh Silchar atanga transfer niin hemi Project ah hian, A.H & Veterinary Officer hna zawm tir a ni a. Hemi hnu kum reilote ah Community Development Project pahnihna chu Lunglei-ah hawn a ni leh a. Dr. Zokhuma chu hemi project-ah hian, a hna pâng ngai chelh tir a ni a. He project hnuaiah hian ranvulh lama hmasawwna pawh theih ang angin an thawk a. Ar lian tui chi Austrolope, R.I.R (Rode Island Red) te leh, vawkvar (Landrace) chi te thehdarh hna thawh a ni a. Kel farm te pawh din a ni. S.D.V.O post Lunglei-a Union Territory January 1972-a kan nih hma-a siam a nih khan Dr. Zokhuma chuan he hna hi a chelhin Department ah a lo kir leh a, U.T. kan nih khân D.V.O Aizawl-ah sawn leh a ni. Dr. Zokhuma dawta Mizo Vety doctor hmasate chu: 1. Dr. Lianzova 2. Dr. R. Kapthuama 3. Dr. Zolawma 4. Dr. Lalsawma Hrahse, 5. Dr. Thanzuala 6. Dr. Rohmingthanga 7. Dr. Lalhuna 8. Dr. Lianmawia 9. Dr. Chalruala 10. Dr. Liansanga te an ni a. Anni zinga sl no. 1,3,4,5,10 te hi tân hma NEFA kan tih, tân a Arunachal state lo ni ta seat reserve-a zir stipend hmu te an ni. Ka hriat sual loh chuan midang khi Mizo District, Assam hnuaia seat reserved a zir te an ni.

Assam sawrkar hnuaiah khan, District Veterinary Officer post Aizawl-ah kum 1958 khan a siam ani a. DVO hmasa ber chu Dr. RL Dev-a ani a. A office atan

leh chen nan mimal in, Chanmari-ah, Chaltlang kawng ami luahin reilote a awm a. Hemi hnu hian Chanmari, tân a Baptist Biakin awmna, Pu Tuikhurliana inah insawn lehin, heta tang hian Zarkawt-ah staff famkim nen an insawn leh a. Dr. RL Dev-a hi Dr. Sangma (Garo) in a rawn thlak a. A hnuah Dr. Bhuya-an thlak lehin, ani hi Dr. SC Bora-an a rawn thlak leh a. Mizoram U.T. (Union Territory) Dt. 20 January 1972, a lo nih khan a ni hi Assam Service-ah kir lehin Dr. Zokhuma chu DVO Aizawl hna chelh tir a ni ta a.

Kan mi hmasate an thiamna lam hna bakah vantlang hriat an lo hlawh hle thin hi zep tel ila. Kum 1958-a mautam avanga tampui (famine) lo thleng tur Mizoram-in a hmachhawn theih nan, July ni 21, 1958-ah, “Tam Do Pawl” Pu C. Rokhuma thahnemngaihna a din a ni a. He pawl a executive committee member ni turin Pu P.S. Dahrawka leh Dr. Zokhuma chu telh an ni a. Hemi mautam tam 1958-1959 lai hian Mizoram chhûngah motor/lirthei a inkal pawhna a that loh êm avângin thingtlang lamah sawrkar buhfai sem leh thiar vel a harsat avangin, thingtlang khua-ah tam kha a na in mipuiin an tuar hle a. Hemi chungchang mi thenkhat thu ziakah khan, riltama thi an awm thu te tân hnu deuh a ziak kha a awm a. Dr. Zokhuma zin naah ka zui thin a. Tlai lam chaw ei hma atangin “kan vai dun” mai thin a. Chuta a sawi ka hriat chu, ziak meuh a thangthar zel hmuh theih tur a thu diklo dah hi pawl ka ti. Tam do pawl ah ka tel a, Project hnuaia thawk ka ni a, Mizote dinhmun thingtlang thlengin khatih hunlai khan ka hria. “Riltam vanga thi Mizo zingah an awm”, tih kha a dik thei lo a ti a. A dik takin buh ei tur a awm loh pawn, bahra laih tur a awm a, vaimim, bal, mai, rawtuai etc. te ei tur a awm zel a. Ramhnuaia-ah hnam sipaite pawh vawi tam tak, karkhat aia rei ei tur mumal nei loin vai sipai hlau chung a awmin, riltam vanga thi sawi tur an awm hleinem. Muang leiah mizo tân riltamin a thih theih hian ka ringlo, a ti thin zu ni a. (Chhonzawm leh tur)

CHHUL INHREH (UTERINE TORSION)

Dr K.Lalrintluanga

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Chhul inherh hi railai,no pai puitling tawh,a bik takin no neih dawn hnaih leh a neih tan (1st stage leh 2nd stage) lai vela harsatna thlen tu a ni fo thin.Bawngah ai chuan Lawiah chhul inherh hi a hluar zawk a ni. A dul fual lutuk te,tawlh thluk thut vang te,kawng chhua emaw chhuk a kal vang te,an in bual tal vel avang te,a chhul in rih hleih vangte,an in bual tal vel avang te,a note che vel nasa avang te,a chhul dawm ngettu hamda vung (peritonitist) te,phing in herh te a thlen thei ani. Chhul inherh chu hmun hniah a awm thei a. (a) A chhul tak chin chauh,chhul kawngka tel lovin (Pre-cervical uterine torsion) (b) Chhul kawngka telin (Post-cervical uterine torsion) A inherh dan hi dinglam zawng a in herh leh veilam zawng inherh a awm thei.A inherh dan chu 45 degree atanga 360 degree aia inherh nasa te pawh a awm thei.Lawiah hian dinglam pang a 180 degree vela nasa a inherh hi a tam a ni. A hriat theih dan : A serh atang emaw a amwng atang a sen a hriat theih ani.A inherh chu a chhul kawngka (cervix) tel ani chuan a serh atanga zen in a chhul kawngka (cervix) chu khawih theih loh a.A chhul kawngka tel lo anih erawh chuan a serh atang zen in a chhul kawngka chu khawih theih ani,chhul inherhah chuan a serh chu han keu ila a serh kua bang chu a chhul inherh lam zawngin a chuar chu a in her ve a,a nasa deuhah pheih chuan serh biang te pawh a pawt phah hial thin.A mawng atanga zenin a inherhna lam pawh a hriat theih a.A dinglam a inherhah chuan a chhul dawmngghettu duar veilam (left broad ligament)chu a chhul chhungah a in pawt mar tlat a.A chhul veilam hrulah zen thla tum pawhin a zen thlak theih loh a.Chutih laiin,a dinglam panga ‘broad ligament’ chu a chhul hnuailamah a lut thla ve thunga. A chhul dinglam dinglam hrula zen thlak in a chhul hnuailam zawng a inherhah erawh chuan ‘broad ligament’ dinglam kha a chhul chhungah a in pawt mar vet tlat thung a,a chuul hrul dinglam a zen thlak pawh a theih loh a ni.A veilam ‘broad ligament’ erawh chu a chhul hnuailamah a luta,zen pawhin a chhul hnuailam thlengin a zen thlak theih a ni.

A siam rem dan : Ran lian lovah chuan pawn lam atnaga a pum han hmeh velin a chhul inherh chu siam dik mai theih chang a awm a.Ran lianah chuan a inherh chu a nasat vak loh chuan hmarua emaw kut emaw hmangin a serh atanga siam dik theih mai pawh a awm thei.A chang chuan a pum zai hawn a a inherh siam rem hnu a thui that leh mai te pah a awm thin.Tihdan hlui tak,awlsam angreng tak leh hlawhtling tak abwk si chu a pui kawih leh/lehkhual (rolling of the dam) hi a ni.A theih chuan pawnah,hmun zawl,ran lian pawh han lehkhual theih na hmunah tih tur a ni.A ran lu lam chu a mawng lam aia hniamah awm thei se a tha a,a nih loh chuan a mutna nuam turin puan leh buara te,buhpawlte emaw phah ni se a tha.A chhul inherh na lam a mut tawh chuan a ke hnung pahnih chu hruizen sei deuh hleka tawn kawp tur a ni.Chutiang bawkin a ke hmalam pahnih pawhtawn kawp bawkin tur a ni.A tawna hrui hmawr chu a ran pawh lehna a tana hmantahm tura sei a chuan ve ve tur a ni.Kan tawn fel tawh chuan a pui chu rang takin a chhul inherh lam zawng let turin kan pawt leh tur a ni.Hetia rangtaka pawh leh tulna chhan chu han pawh leh khan a pum chhunga a chhul leh naute awm a virkual ve hma a taksa kha a vir kual hman a tul a ni.Rang taka pawt let tur chuan mihring pawh paruk vel tal awm angai a ni.Tin,rang taka pawtlet kher lovin,muang changa pawhleah dan pawh a awm a (schaffer’s method).Chumi atan pawh chuan a hma a kan sawi tawh ang bawkin a chhul inherhna lam delh a muttir tur a ni.Thingphel 9-12ft a sei,8-12 inches a hlai chu a note awmna zawn a pui pum chhungah chuan kham kaiin a hmawr lehlahm chu

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leiah nghah tur a ni. A ran chu a chhul inherhna lam hawiin zawi muanga pawh leh tur a ni. Pawhleh a nih laiin a tul anga thingphel chu lo siamrem turin a thingphel kanglam hmawr chu mipakhatin lo dawm tur a ni. Hetia tih hian a chhul inherh chu a la tharlam (darkar 36 aia reilo) anih chuan a hlawhtling hle a. Mahse, darkar 72 aia reiah chuan a hlawhtling thei vak lova, zai chhuah a ngai fo thin. Muang changa pawh leh a nih laia bawng chung a thingphel dah a, a chung a chuan a nih chuan a pui aleh laiin a note chu thingphel chuan a zuk delh bet anga, apui chu in let mahse a chhul chuu a in let ve thei dawn lo a ni. Tichuan a pui chu aleh rualin a chhul inherh chua in phelh mai dawn a ni. Mahse, muangchanga pawh leh laia a chung a chuan rittu a awm loh chuan apui a leh rual chuan a note pawh zawi muangin a in let ve anga, a chhul inherh chu a in phelh thei dawn lo a ni. Mahse, muangchang a pawh leh laia a chung a chuan rittu a awm loh chuan apui a leh rual chuan a note pawh zawi muangin a let tel ve anga, a chhul inherh chu a in phelh thei dawn lo a ni. A chhul inherh chu a inphelh mai lo anih pawhin vawi li emaw vawi nga emaw tal chu tihnawn a, chumi hnuah pawh ala siam that theih loh anih chuan tih dan dang dap chuah tur a ni. kan pawh leh hnuah a serh zen in a chhul inherh chu a in phelh leh phleh loh en tur a ni a. A inphleh a nih chuan a zahmawh bang (vaginal wall) inherh a lo reh tawh ang a, awlsam te in a serhah chuan a zen luh theih anga, a note pawh a khawih theih tawh dawn a ni. A chang chuan a chhul inherh chu a inphleh chu a inphleh veleh a tui bawm (water bag) te kehin a serh atangin tui a rawn baw chhuak nhal fo thin. A chhul inherh a lp phelh a, a chhul kawngka chu a lo inhawng that bawk a, a note chu a awmdan a dik bawk chuan harsa vak lovin a pui chuan a note chu a sang chhuak mai thei a. Mahse, a lo san rei tawh chuan a ti hrawtle a lo chua ve a, a note chu a sang chhuak zo lo fo thin. Chutiangah chuan a note chu pawhchhuah angai fo thin. A pui chu a san peih miah lo emaw, chhul kawngka (cervix) a inhawn that loh chuan a note chu zaichhuah (caesarean section) tur a ni. A note chu kan lachhuak thei anih apwhin a pui serh kua te, a chhul kawngka leh chhul ten ngun tak a endik tur a ni. A chhul lo hliam nasa te, inherh avang a a thisen zam lian chat te, chhul tangte, chhul lawng leh pan te a awm duh em em a. hengte hi a awm leh awm loh ngun tak a en a, a awm anih chuan rang taka enkawl vat tur a ni. Chhul inherh hi a awm zen zen lo na chungin a lo awm palh a nih pawhin hriatchhuah anilo thin a, No hrin harsatna avanga buaipui hrep anih hnuah chuah hmuh chhuah a ni fo. A nasa vaklo leh a tir lam deuh anih chuan, a enkawl dan an sawi tak hmang hian siamthat a harsa vak lova. Mahse, chhul inherh a ni tih kan hriat hnuah a inherhna lam kan hriat chian loh chuan siam that kan tumna lamah a aia nasa zawkin a siam palh thei a. Chuvangin, chhul inherh a ni tih kan hriat veleh khawilam zawngin nge a inherh tih hi chian hmasak tur a ni. Chumi hnauh chuan a siam dik dan zawng kan hre thei dawn chauh a ni.

Hriselnan Bawnghnute

Dr. Mahminga Sailo
Waggin' Tails, Bawngkawn

Mihringte tana Pathian thilsiam : Bawnghnute

Kristianten lehkhabu thianghluma kan pawm leh Pathian thawk khum ngeia ziaka kan rin ngheh tlat Bible-ah hian Bawnghnute hi Bu hrang hrang 18-a Chang 48-ah ziah lan niin Pathian thu zir mite chuan an tarlang a. Tin, Thuthlung hluiah phei chuan Bawnghnute hi mihringte tana chaw tha, khualkhua atanga zin emaw hnathawk hah tamchhawl leh chhawlhalte tana pai emaw hlui thin a nih thu te kan hmu bawk.

Kan chenna khawvelah hian, thil engkim hian thatna an neih rualin that lohna kawng eng emaw tal an nei thin tih erawh a chiang a. Bawnghnute chungchchang pawh ngaihdaan phir a awm thinin, a awm reng dawn a. Chutih lai erawh chuan mihringte tana chaw tha leh hrisel, kan taksa mamawh a nihna erawh khawvel mi tam zawkin kan pawm a ni thung. Hei vang a ni ang, khawvel pum huapa pawl intelhawm lian United Nations hnuaia Food & Agricultural Organization chuan June ni 1 hi World Milk Day tia vuahin, pawl hrang hrang kaltlangin Bawnghnute thatna leh hriselna chungchanga inzirtirina hun atan te, Bawnghnute thar chhuak tam zel tur leh Bawnghnute atanga chaw tha hrang hrang siam chhuah dan inzirtirna hun atana hman thin a ni.

Chuvangin, Bawnghnute chungchang tarlan vek a tul ber lem lo nain, mihringte tan Bawnghnute hi Pathianin kan taksa mamawh leh hriselna atana a siam a ni tih kan ni tin nun leh mamawh kan lamna kawngah a lang chiang viau a. Ngawi teh, keini Mizote phei chuan Thuthlung hlui huna sa tenawm leh eitlaka an ngaih loh - Vawksa hial pawh kan sa tui tih leh hlut ber a nih hial zawk hi maw! Bawnghnute phei chu ni tin mamawhna sang zel zawka, thar chhuah kawngah pawh hmasawn zel tur kan ni zawk awm asin.

Chaw tha leh hrisel : Bawnghnute

Chaw tha leh hrisel han tih hian mi zawng zawng tan erawh a ni bik lo tih sawi lan a tul thung. Famkim lo khawvela kan chen chhung hi zawng, tha leh tangkai em ema kan kan ngaih leh kan hman te pawh thenkhat tan erawh vanduaiana thlentun an ni ve hlauh thin. Chutih rual erawh chuan kan hnawlin kan hnualsuat ngawt thei bik chuang lo, mi tam zawkina mamawh leh duh a nih chhung chuan.

Bawnghnute thatna duhthawh deuhva sawi thin phei chuan, Bawnghnute hi mihring mamawh chaw tha leh hrisel, taksa mamawh kimna ber a ni an ti hial thin. Taksa mamawh chaw tha kan tih Proteins, Carbohydrates, Fats. Vitamins leh Amino acids an kim deuh vek a. Kan taksa tana Bawnghnute thatna tam tak zingah a langsar deuh tawi fel takin tarlang ila.

Calcium, Phosphorus leh Vitamin D te hian ruh leh ha ruangam indinna leh thanlenna tanpuiin, ruk chuktuah a tiphusui a. Casein leh Calcium tangkawp hian ha tuamtu (enamel) tichakin ha nget leh hahni bawr pun leh vung tur an veng bawk. Kum naupang leh upa lama ruh mawih, ruhseh leh ruh chak lohna laka vengtu pawimawh tak an ni. Tin, Calcium hian thisen sang lakah taksa a venghim bawk niin zir miten an sawi. Hei bakah rilpui hmawr, hnute leh chibawm cancer lakah kawng tam takin Bawnghnute atanga calcium kan in hian a veng an ti tlat nia. Bawnghnute pava khat (250ml) kan in hian, ni khata kan taksain Calcium a mamawh zaa sawmhnih (20%) kan in tel niin National Osteoporosis Foundation chuan a tarlang.

Bawnghnutea Vitamin D hian taksa thununtu (hormones) pakhat Serotonin insiamna kawngah leh taksa nihphung thunun tur tawka cham bang tur chin bithliahna kawnga tangkai tak niin, hei hian rilru puthmang (mood), chaw ei tui leh tui loh bakah taksa mamawh tawk mutthilh theihna thlengin nghawng a nei thin.

Choline hi Vitamin ang thova taksain a mamawh niin, tihrawl chetvelna atan te, hriatna thazam hnathawh tanpuitu, chhia leh tha hriatna leh hriatrengna kawnga taksa mamawh tangkai tak a ni.

Potassium erawh lung (heart) natna leh a kaihhnawih, thisen sang vengtu atana tangkai a ni a. Mahse, vanduaithlak taka Bawnghnute Lactose paitawih thei lote tan erawh pum nuam lo kaw dik loh vangin Potassium an tlachham hlauh thei thung si. Hetiang mi tan erawh Doctor emaw Dietician rawn mai a him thin.

Protein te hian tihrawl tifeiin an tichak a. Taksa sawizawi hnua Bawnghnute leh Bawnghnute atanga siam in hian taksaa thau chhe paih ral a tanpui thei. Hei hi taksa rihna thunun kawnga tangkai tak a ni. Mi thekhat chuan Bawnghnutea thau awm hian taksaa thau a siam chak niin an ring thin a. Amarawhchu, zirbingna tam zawk erawh chuan, Bawnghnutea thau awm erawhin, taksaa thau chhia insiam tur a tikiangin a thunun zawk niin an sawi thung. Tin, Bawnghnute kan in hian, riltam a chhawk rei a, chaw dang ei chakna a tihtlem avangin, taksa rihna thunun duh tan a tangkai hlauh zawk. Chuvangin, ni khata Bawnghnute pava hnih-thum tal in hian, taksaa thau chhe insiam a titlem thei tihna a nih chu.

Mi thenkhat taksain a pawm kim loh – Bawnghnute!

Mimal azir te, inthlah chhawn atang te leh ril natna emaw chhan dang eng emaw vangin mi thenkhat chuan Bawnghnute an ngeih hauh lo thung! Heng mite tan hi chuan Bawnghnute leh Bawnghnute atanga chaw tha siam reng reng hi ei chak viau pawh ni se insum a tul zawk fo thin. Bawnghnutea thlum chi khat Lactose paitawihtu tur Lactase enzyme an tlakchham vang a ni a. Heng miten Bawnghnute emaw a kaihhnawih an ei emaw an in chuan pum nuam lo leh puar el ul, ril kal ri ruih ruih leh kaw dik lo an nei fo. Nunna atana hlauhawm ni lo mah se, taksa nuam lo a thlen ve avangin an taksa ngeih leh paitawih theih tawh Bawnghnute leh a kaihhnawih chaw tha ei tur awm ang te ei in mai a him thin.

Zir chiannain a tarlan danin, India mi za zela sawmruk atanga sawmruk leh panga (60%-65%) -te hian Bawnghnutea Lactose hi kan paitawih kim thei lova. Chutih rualin kan hriat tur erawh chu, heng zinga a tam zawk erawh chuan Bawnghnute atanga chaw tha siam hi hrang hrangte, harsatna tawh lem lovin an eiin an in thei thung. A chhan ber chu Bawnghnute hlang ringawt in lova thingpui pawtna atana hman te leh ei tur tha dang nena pawlh an nih tawh vang a ni a. Tin, zawi zawiin taksa inrelbawl dan a insiamrem ve zel thin bawh a. Chuvangin Bawnghnute leh a kaihhnawih ei thei lo tawp erawh mi tlemte an ni tihna a nih ber chu.

Tehkhin thu keng tel hial : Bawnghnute

Israel fate luah tur Kanan ram leilung hausakna leh a chhunga chengte intodelhzia entirna atan Bawnghnute hi ziah lan niin, ‘khawizu leh hnutetui luanna’ tih a nih kha. He laia hnutetui a tih hi Bawnghnute (Milk) tia inziak deuh zel niin zir mite chuan an sawi. Bible-ah hian Bawnghnute hi ram hausa leh hrisel, mihring chenna atana awhawm leh ram intodelh sawina atan a hmang thin. Khawvel pum chu sawi loh, India ram chhunga state hausa leh intodelh te hi chuan ranvulh an uarin, sa leh bawnghnute an thar chhuak hnemin ram dang leh state dangah an thawchhuak nasa tlangpui.

Chutiang zelin, Mizote pawn fiamthua kan sawi lar pakhat, “Ka bawnghnute in sawi duh mang si lovin, ka zu in ringawt in sawi a’, tih te a awm hi maw. Zu khap leh khap loh chungchang te hi zawng, sorkarna fawng vuantute thu thu a nih bakah, kan thupaia nen a inkawp rem lem lo bawk a, sawi chhunzawm lo ila. Bawnghnute in leh in loh thua erawh khawvel nihphung a inher danglam thawk a, bawnghnute in tam deuh apiang an rui emaw taksaah harsatna an tawk zel a nih ngawt loh chuan, Bawnghnute hi ka la in zelin, bawnghnute atanga chaw tha siam hrang hrang hi kan la ei chhunzawm zel dawn a ni.

Hna leh eizawna siamtu : Bawnghnute

Bawnghnute tih ngawt hian a kim ta meuh lo zawk a. Bawnghnute atanga chaw tha hrang hrang siam chhuah hi a tam khawp mai a. Mizote ngei pawn kan siam ve nual tawhnain, a tam zawk erawh kan la pawh lo zawk mah. Butter tel lova chhangthawp ei duh hauh lo tan te, Ghee chawm tawh a chaw ei tui em em thin an te, thingpuisen ringawt aia a paw ngei ngaisangtute tan zawng, Bawnghnute awm hi a lawmawm em a ni. Bawnghnute atanga chaw tha dang tam tak kan sawi tel lo mah mah.

Veterinary Medicine post graduate kan zir laiin, ka zirna hmun Bangalore leh a chhehvelah khan, Veterinary graduate an zawh hnua Bawnghnute thar chhuahna hmunpuia Bawngpui enkawlana inhlawh an tam viau thin a. Thenkhat phei chu an state sorkar hna pawh zawm duh lo zawk an awm nawk zel nia. A chhan berah chuan hna thawh tur a tam avang leh KMF (Karnataka Milk Federation)-in hlawh tha tak an pek vang a ni ber a. Mizoten kan hriat lar leh khawvel pum huap pawha Co-operative society lian ber zing a mi AMUL(Anand Milk Union Limited) phei chu khawvel ram dang laka inchhuanna tham khawpa eizawna pawl lian leh hlawhtling an ni a. A bul ber chu Bawnghnute a ni tlat.

KEIMAHNI

** PENSION :

1.Pu H.Lalchhuanawma	L.D.O	Directorate	30.4.2024
2.Pu R.Lalhuma	IV Grade	DAH& VO,Lunglei	30.4.2024
3.Dr KVL Rochharzela	Jt Dir	Veterinary Polyclinic Hosp	31.5.2024

**ORBITUARY :

1.Pu Lalrinawma	IV Grade	DVO Office,Serchhip	Thih Ni 25th May 2024.
2.Pu Robert Zothantluanga	VFA (PE)	Veterinary Hospital Kolasib,	Thih Ni 3rd June 2024.

** PROMOTION :

(As on 14 June 2024)

1. Dr R.Zothanmawii Jt Dir (P&M) promoted to Selection Grade of MAH&VS and posted as Addl Director (VS&PH)
2. Dr M.Zohmingthangi DD(DI&E) promoted to Junior Adminstration Grade of MAH&VS and posted as Jt Director (Poly).
3. Dr F.Laltanpuia DD(C&MD) promoted to Junior Adminsitratve Grade of MAH&VS and posted as Jt Director (P&M)
2. Dr H.Zarzoliana Manager,AH & Vety Farm Selesih Promoted to Senior Grade of MAH&VS and posted as DAH &VO,Siaha
3. Dr Ruby Ngurnunmawii Sailo Asst Director (VE&E) promoted to Senior Grade of MAH&VS and posted as DAH&VO,Khawzawl

** TRANSFER & POSTING :

I. SENIOR GRADE OF MAH&VS :

1. Dr C.Khawlhthangmawia	Sr VO (Poly)	to	DD(Poultry Development)
2. Dr B.Lallawmsanga	DAH&VO,Champhai	to	DD(C&MD)
3. Dr Robert Rualthankhuma	DD (LH)	to	DD(P&M)
4. Dr Thangzadinga	DD(P&M)	to	DD(L&E)
5. Dr John Lalhnuna	DAH&VO,Siaha	to	Sr VO (poly)
6. Dr V.Vanneitluanga	DD(L&E)	to	DD(LH)
7. Dr Lalbiakzuala Sailo	DAH&VO,Khawzawl	to	DAH&VO,Champhai.

2. JUNIOR GRADE OF MAH&VS :

1. Dr K.Zothanpuui	V.O,Lunglei	to	Asst Dir (VE&E)
2. Dr Lalnunpuui Zadeng	V.O Ngopa	to	V.O,Saitual
3. Dr Malsawmtluangi Ralte	V.O Reiek	to	V.O Kawnpui
4. Dr C.Lalnunpuia	V.O Ratu	to	V.O (Poly),Aizawl
5. Dr Lalrengpuui Sailo	V.O Darlawn	to	Manager,AH& Vety Farm Selesih
6. Dr Jonathan Lalremsanga	V.O W.Phaileng	to	V.O Durtlang
7. Dr George Martin Lalruatsanga	V.O Tlabung	to	V.O Thenzawl
8. Dr A.Lalramliana	V.O Kawnpui	to	V.O Lungdai

3. MOBILE VETERINARY UNIT DOCTORS :

- | | | | |
|--------------------------|--------------------|----|----------------|
| 1. Dr R.Lalhruaitluanga, | RDB Chawngte | to | Tlabung |
| 2. Dr Lalnunfela | RDB Hnahthial | to | Thingsulthliah |
| 3. Dr Amos Vanlalengkima | RDB Thingsulthliah | to | Hnahthial |

WORLD VETERINARY DAY 2024 Lawm:

Ni 28th April 2024 khan Woodland Hills, Ainawn veng ah Indian Veterinary Association bultumin ‘Veterinarians are essential health workers’ tih thupui hmangin World Veterinary Day lawmna hun hman ani. Dr. Robert Rualthankhuma, Vice President, IVA chuan hun kaihruiin Dr. C.Lalchhandama, Asst. Professor, CVSc. & AH, CAU, Selesih chuan thupui sawina hun a hmang a. Director Dr. C.Lalrintluanga chuan IVA member-te chu Veterinary & Animal Husbandry subject a thiamna bik nei an nih angin sa thianghlim eitur a Mizoram kan intodelh theih nan an thiamna te tangkai tak a hmang turin a chah a. Private practitioner-te tan rate ennawn ngaite leh bithliah thar ngaite sawiho anih bakah IVA hnuai a inkaihhruaina dan ennawn na neih ani. World Veterinary Day 2024 ah hian a vawikhat nan Dr C Sangnghina Rtd Director chu Vety Profession tana a pension hnu thleng a theihtawp a chhuah reng thin chu chawimawi tlak anih zia lantir nan World Veterinary Day Pa ah hman a ni.

Mizoram Veterinary Service Associationin Conference hmang :

Ni 26 April 2024,Zirtawpni Khan Mizoram Veterinary Service Association (MVSA) te chuan, Vety Rest House, Selesihah Annual General Conference vawi 40na an hmang, He conferenceah hian Dr C.Lalrintluanga Director,AH & Vety chuan thusawiin Department Officerte inpawh tlang taka thawh ho theih a pawimawh zia te a sawi a, mahni zawna thahnemngai tak leh hmasawn tum zela thawk turin a fuih a Central scheme te pawh zirchianga a hlawk thei ang bera hmang tangkai turin a ngen a, Mobile Veterinary Unit (MVU) leh Call center 1962 chu nasa zawka hman tangkai anih theih nan mipuiah nasa zawka puangzar turin a chah bawk a, Tun hnaia ASF leng thar leh chungchangah Departmentin a chak thei ang berin hma a lak zel thu a sawi bawk. He hunah hian Kum 2024-26 chhunga MVSA hruaitu thar thlanna hun neih ani a,

Hruaitu thlan thar te chu :-

- | | |
|------------------------------------|-------------------------|
| President : | Dr Robert Rualthankhuma |
| Vice-President : | Dr T.C Lalthanzauva |
| General Secretary : | Dr V.Lalzarzova |
| Secy i/c Organisation : | Dr Rosangzuala |
| Secy i/c Information & Publicity : | Dr Zohlimpuia |
| Treasurer : | Dr Ruby Ngurnunmawii |
| Financial Secy : | Dr C.Neihthangpuui |

He conference ah hian thurel pawimawh tak tak te zingah Department in ram a neih te nasa leh zuala humhalh a, hman tangkai dan zawn nise tih chu lungtual taka pawm ani, Kum 2023-24 chhung khan service member mi 7 te pensionin an chhuak a,Ni 9.3.2024 khan CM relief fundah Rs 100,000 MVSA hminga hlan ani. National award Surgery subject a dawngtu Dr John B.Khithie chu MVSA chuan chawimawina a hlan bawk..

Deputy Commissioner NLM lo zin: Ni 2-4 May 2024 khan Dr Lipi Sariwal, Deputy Commissioner, NLM,GOI chuan NLM hnuaia vawkvulh tanpuina pekchhuah chungchangah hmalaknate a hmuna en turin Mizoram a rawn tlawh.Deputy Commissioner hian Lengpui leh Dihmunzawl a hmalakna te a en a, Entrepreneurte hmalakna chu fakim Farm a tlawhna ten hma tha taka an lak bakah loan leh subsidy te dik taka an hman avangin lawmthu a sawi a,Heng Farm neituten an Farm an tih changtlun zel dan tur te pawh a sawipui.

Kum 2024 - 26 chhung a IVA hruaitu thlan thar te:

President:	Dr. Robert Rualthankhuma
Vice President:	Dr V. Lalzarzova
Secretary:	Dr. C. Lalchhandama
Asst Secretary:	Dr. Joy Lalmuanpuia
Treasurer:	Dr. Suzanne Malsawmthangi
Finance:	Dr. K. Lalchhanhima

**** Social media a vawk thi kawngsira pail a awm thu bawihzuiin Ni 27. April 2024** khan Muallungthu leh Samtlang khuaah Director Dr C.Lalrintluanga ho in Dr R.Malsawma Addl Dir (AH &DD) Dr F.Lalramhluna Jt Dir (LH),Dr C.Lalzuittluanga DVO (Azl) leh Dr Lalfamkima DD(VE&E) te an kal a,He khaw pahniha VC te ti ti puiin,hmalak dan tur te an rel pui a,Hemi ni vek hian Department hriatpuina in Vawk thi te hi tha taka phum nghal an ni.

**** Ni 6.May 2024** khan Doordarshan Kendra,Aizawlah Vawk Pul Hri (African Swine Fever) chungchang sawihona recording neih ani a,He hunah hian Dr F.Lalramhluna Jt Dir (LH).Dr M.Zohmingthangi DD (DI & E).Dr C.Neihthangpuii DD (VPH) ten hun an hmang a,he programme hi DDK chuan Inrinni Ni 11.5.2024 zan 7:30pm ah pekchhuah ani.

**** Ni 8-10 May 2024** chhung khan Dr.Lalrintluanga Director,Dr Lalmangaiha Dy Dir (F&FD).Dr Esther Lalzoliani Dy Dir (PoD) leh Dr C.Neihthangpuii DD(VPH) te chuan Mizoram khawchhak lama Department hmalakna te a hmunah en in an zin chhuak.

****31st Annual Review Meeting on FMD Network Laboratories Ni 18-19 June 2024** a ICAR-National Institute on Foot and Mouth Disease, Arugul, Bhubaneshwar a neihah Dr Zohlimpuia chu tel in Department hmalaknate report a pe.

**** Ni 3.May 2024** khan Pu R.Zarzosanga IAS Commissioner & Secretary roomah Commerce & Industries, Law & Judicial leh AH & Vety Department hotuten Animal & Meat import chungchang an sawi ho.

A-Help training zo : Ni 9.May 2024 khan A-Help training 1st batch chu tluang taka zawh ani, He training closing programme hi SIRD, Durtlang Leitanah neih ani a, He hun hi Dr R.Malsawma Addl Dir (AH&DD) chuan a hmanpui. Ni 17 chhung training programme hi neih a ni a, mi 25 in tluang takin an zo ani.

AH&VETY. MINISTER-IN KHAWZAWL LEH CHAMPHAI DISTRICT TLAWH

Animal Husbandry & Veterinary Minister Pu C. Lalsawivunga chuan Ni 13 June 2024 khan Khawzawl District AH & Vety Hospital Building sak thar te, Boar Semen Station te bakah DAH & VO office te a tlawh a, Khawzawl District a AH & Vety Department dinhmun, hmachhawp leh mamawh hrang hrangte an sawi ho. Hemi zawh hian Champhai District chhunga AH& Vety. Department hmunhma pawimawh tak tak Slaughter House, Champhai District Milk-Producers Co-operative Union Limited (CHAMUL), Live Animal Market Ruantlang, Khuangleng leh Khawbung Dispensary bakah Samthang khuate a tlawh a, Department thawktute, khawtlang hruaitute leh ran vulhtute a kawm. AH & Vety. Minister Pu C. Lalsawivunga chuan sawrkar chu kuthnathawktute lamtang a nih thu leh Champhai District a tlawh chu kuthnathawktute pual a nih thu sawiin, Department hmalakna leh hmasawna ruhrel siamte chu kuthnathawktute tana siam a ni, a ti. Department hmalaknate leh ran vulhtute dinhmun dik tak chu ral thlir mai lova a hmun ngeia enfiakin hlawkna tam tak a pek thu a sawi a. Khawchhak tlangdung chu ranvulh lama tui leh theihna nasa tak nei a nih thu tarlangin, AH& Vety. sector hnuaiah a theih chin chinah khawchhak tlangdungah theihtawp chhuaha hmalak tum a ni, a ti bawk. Heng bakah hian Pu C. Lalsawivunga chuan Khuangleng Veterinary Dispensary leh Khawbung Veterinary Dispensary-te tlawhin Department thawktute leh khawtlang hruaitute a kawm a. Chawhnu lamah Samthang tlawhin khawtlang hruaitute leh Samthang Farmers' Association-te a kawm a, Harsatna leh mamawh thlente chu a theih ang zela hmalakpui a tum thu a hrilh. Samthang Zopui Sevuah Association te'n ama pual chawimawina hun an buatsaih chu a telpui bawk, AH & Vety. Minister Pu C. Lalsawivunga hi Dr. B. Lallawmsanga, DAH&VO, Champhai, Dr. Robert Rualthankhuma, Dy. Director (P&M) te'n an tawiawm a ni.

**** Doordharshan Kendrain Veterinary Polyclinic Hospital, Khatla leh AH & Vety Farm, Selesih hnathawhte pholanna atan Recording nei :**

DDK Aizawl chuan Ni 20 May 2024 khan Veterinary Polyclinic Hospital, Aizawl leh Ni 4 June 2024 khan AH & Vety Fram, Selesih a Department hnathawh hrang hrangte mipuiin an hriat ve theihna tura pholanna atan recording neih ani. DDK hmalaknain Polyclinic ah Dr KVL Rochharzela Jt Dir (Poly) leh AH & Vety Farm, Selesihah Dr PC Lalsangzuala GM, Selesih ho in recording neih ani a, mipui en theih tura tihchhuah nghal niin, You Tube lamah pawh dah ani.

**** Vawk leh vawksa atanga siam lakluh khap :** Disaster Management and Rehabilitation Department chuan section 24 (1) of Disaster Management Act 2005 thu angin Ni 24th May 2024 khan thuchhuah siamin State pawn leh foreign atangin vawk leh vawksa atanga siam eitur hrang hrang, Frozen vawksa tiamin, thuchhuah awm leh hma chu lakluh khap tlat ani.

**** Cyclone Remal vangin Department hmun hrang hrangah harsatna thleng :** Ni 28 May 2024 chho a Cyclone Remal ruah leh thlipuiin Mizoram a tuam chhung khan Department hmun hrang hrangah harsatna a thlena, Sairang RAH Centre chu tui lianin a chim a, ZPDS, Tanhrila Block thum - Breeder House 1&2 lane

hnuai leh Breeder House 3& 4 inkar leimin in RCC kawng a hnawh bawh. Heng chhiatna thlenna te hi Director Dr C. Lalrintluanga leh Dr R. Malsawma Addl Director ten a hmunah an tlawh.

**Pu Ajit Roy IAS (AGMUT 2013) chu AH & Veterinary Department Special Secretary thar atan Ni 14 June 2024 khan ruat ani.

TRAINING :

**A-Help Master Trainers trainingin Ni 10 - 15th June 2024 chhung khan Dr Malsawmtluangi Ralte V.O Reiek, Dr Lalrengpuii Sailo V.O Darlawn, Dr A. Lalramliana V.O Kawnpui leh Dr Michael V. Lalrinzuala V.O (VPH) te NDDB, Anand, Gujaratah an zin.

** Training on Artificial Insemination in Cattle (Sex sorted Semen & Infertility cum Refresher courses on common diseases of Cattle and Ethoveterinary approaches chu Ni 15-17 May 2024 chhung khan, Meeting room, District Veterinary Hospital, Siahaah buatsaih ani.

**A-Help 2nd leh 3rd batch te chuan Ni 28th May atangin 13th June 2024 chhungin training hlawhtling takin an nei leh a, He trainingah hian LCRP (Livestock community resource person) mi 50 telin, SIRD, Durtlangah training hi neih a ni.

**Refresher's cum Short course training on Artificial Insemination (AI) in Cattle chu Ni 3-7th June 2024 khan Artificial Training Institute, AH & Vety Complex, Selesih ah neih ani a, VFA training chhuak tawh mi engemawzat he trainingah hian an tel.

AFRICAN SWINE FEVER (ASF) AVANGA VAWK THI RUANG SAWNGBAWL DAN LEH PHUM DAN

1. Khur thuk taka laih tur.
2. Chinai in vawk ruang phul/leih leh tur.
3. Leivunga chhilh leh hnu ah – a chunglangah chinai bawkin khuh leh tur.
4. A ruang sawngbawltu in shoe cover leh gloves a bun tur a ni.
5. Shoe cover leh gloves te hi khur chhunga phum tel tur. Chumi hnu ah kut fai taka sil tur a ni.
6. Ruang phurhna motor emaw ruang zawnna hmanruea disinfectant or sahbon a tihfai thin tur.
7. Disinfectant hman tur te:
 - a) 2% Calcium Hydroxide (Chinai)
 - b) 2% Sodium Hydroxide (Caustic Soda)
 - c) Detergent (Sahbon – Surf, Mr White, Tide etc...)
 - d) Phenol Substitute.
 - e) 2-3% Sodium or Calcium Hypochlorite (bleach leh bleaching powder)
 - f) Iodine Compounds.

ZAWHNA HUANG :

Q1. ASF natna vanga vawk a lo thih tawh na,vawk in hlui engtinge kan tih thianghlim ang?
zawttu : Pu Lalthakima

Chhanna ; Vawk in hlui hi damdawi hmanga preliminary cleaning and disinfection hmanga tih thianghlim hmasak phawt tur ani.

A TIH DAN : Disinfectant damdawi hmanga uluk taka vawk in chu kah chhuah vek tur ani, chumi hnuah darkar chanve nghah phawt tur, chumi zawhah tui leh sahbawn in uluk taka brush hmanga nawh leh phawt a darkar 2 chhung tal chiah leh phawt tur ani.Darkar 24 hnuah preliminary cleaning and disinfection hi zo anga ngaih tur ani.Ni 10 hnuah a ngai ang chiah a tih nawn leh tur ani.

Q2. ASF natna laka ven nan disinfectant damdawi eng ang chi nge hman tha ang?

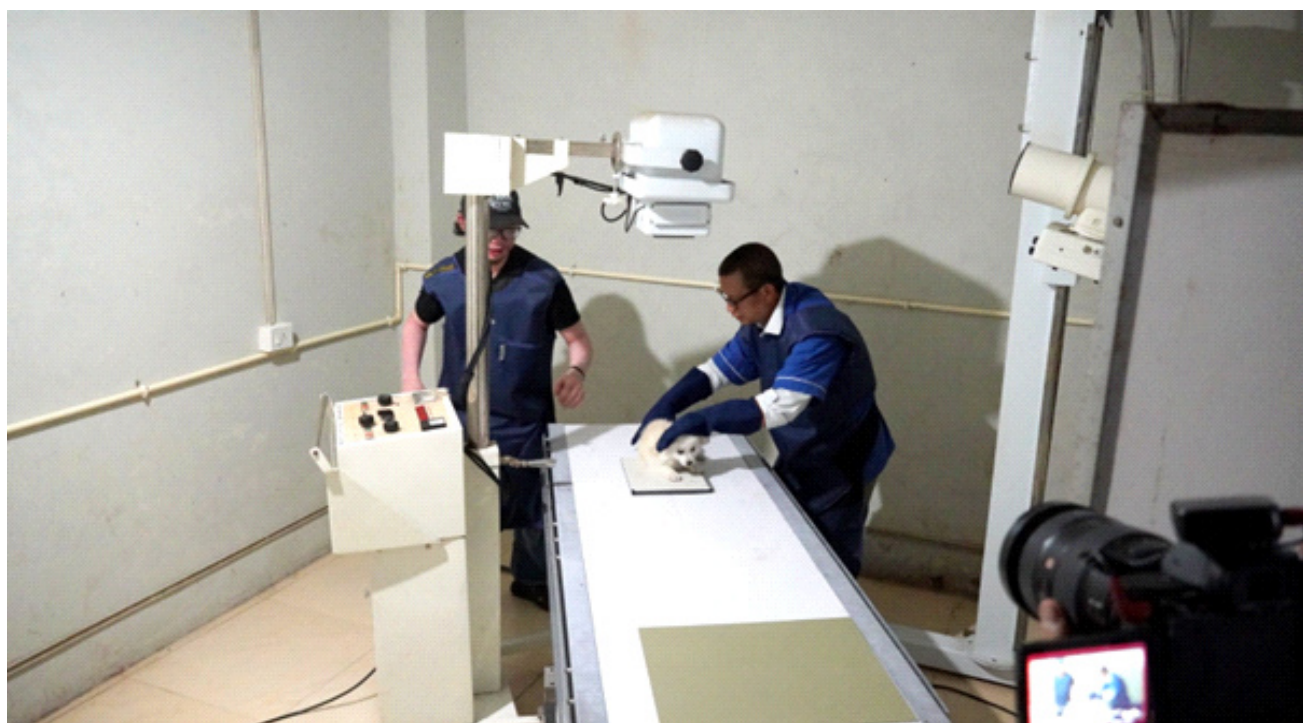
Zawttu : Pu Lalrinawma

Chhanna : ASF natna atana disinfectant damdawi hman thei tlang pui te chu ;

1. Chinai (2% Calcium Hydroxide)
2. Caustic soda (2% Sodium Hydroxide)
3. Sahbawn (detergents)
4. Phenol
5. 2-3% sodium or calcium Hypochlorite (Bleach & bleaching powder)
6. Iodine compound te anni.



Ultrasound examination, Veterinary Polyclinic Hospital.Khatla,Aizawl



X-Ray, Veterinary Polyclinic Hospital,Khatla,Aizawl



Department hmalaknate phochhuah nan Doordarshan Kendra,Aizawl ten recording an nei.