

ITM Vaccinator Training KAP Survey - Round 1

Vaccinator name				Date	
Training venue		District		Questionnaire ID	
Trainer		Training ID		Vaccinator ID	

Survey rounds and components

Survey rounds	tick current	1 Knowledge	2 Identification	3 ITM success	4 Control variabls.	5 Business training
1 before training	X	✓	✓	✓	✓	
2 after training		✓				✓
3 follow-up		✓		✓	✓	

This is no exam! Please, answer each question. Blank responses in section 1 are recorded as “don’t know”.

1 Knowledge, attitudes and practices on ECF and ITM

1.1 ECF characterisation

Do you know parasite causing ECF? <i>Vimelea vinanyosababisha ECF</i>	yes <i>ndiyo</i>	no <i>hapana</i>	Name it <i>Itaje</i>				
List ECF symptoms (tick all) <i>Dalili za ECF</i>	fever <i>homa</i>	mucus <i>kamasi</i>	skin lesions <i>vidonda vya ngozi</i>	foaming <i>povu</i>	lying <i>kulala</i>	restless <i>kuhangaika</i>	diarrhoea <i>kuharisha</i>
	lame <i>kilema</i>	cough <i>kohozi</i>	big lymph nodes <i>tezi zilizo vimba</i>	fighting <i>mapigano</i>	thirst <i>kiu</i>	blind <i>kipofu</i>	blood urine <i>damu ktk mkojo</i>
What are ECF hosting animals (tick all) <i>Wanyama wanotunza vimelea</i>	goat <i>mbuzi</i>	donkey <i>punda</i>	buffalo <i>nyati</i>	horse <i>farasi</i>	cattle <i>ng'ombe</i>	sheep <i>kondoo</i>	rabbit <i>sungura</i>
ECF transmitting vectors (tick all) <i>Vimelea visambazaji</i>	worm <i>mdudu</i>	fly <i>nzi</i>	mosquito <i>mbu</i>	tick <i>kupe</i>	cockroach <i>mende</i>	fox <i>mbweha</i>	bat <i>popo</i>
How is ECF diagnosed <i>Kutambuliwa kwa ECF</i>	lab test <i>maabara</i>	faecal count <i>maiyai kinyesini</i>	observe ticks <i>kuona kupe</i>	clinical diagnosis <i>dalili zaugonjwa</i>	weighing <i>uzito</i>		
Difference between ECF & FMD <i>Tofauti ya ndigana na FMD</i>	yes <i>ndiyo</i>	no <i>hapana</i>	Explain <i>eleza</i>				

1.2 Methods of controlling ECF at the herd level

What are main ECF control methods <i>Mbinu kuu ya kudhibiti ECF</i>	traps <i>mitego</i>	spraying <i>fukiza</i>	dipping <i>dipping</i>	vaccination <i>chanjo</i>	contr. grazing <i>kudhibiti malisho</i>	treatment <i>tiba</i>
Which method (tick one) is most effective <i>Njia mwafaka ya kutokomeza ECF</i>	traps <i>mitego</i>	spraying <i>fukiza</i>	dipping <i>dipping</i>	vaccination <i>chanjo</i>	contr. grazing <i>kudhibiti malisho</i>	treatment <i>tiba</i>
creates immunity to ECF <i>inyo jenga kinga dhidi ya ECF</i>	traps <i>mitego</i>	spraying <i>fukiza</i>	dipping <i>dipping</i>	vaccination <i>chanjo</i>	contr. grazing <i>kudhibiti malisho</i>	treatment <i>tiba</i>
has lowest cost per animal <i>inyo gharama ya chini zaidi</i>	traps <i>mitego</i>	spraying <i>fukiza</i>	dipping <i>dipping</i>	vaccination <i>chanjo</i>	contr. grazing <i>kudhibiti malisho</i>	treatment <i>tiba</i>

1.3 Characterisation of ITM

Does ITM protect against other illnesses <i>Je chanjo ya ECF inazuia magonjwa mengine</i>	yes <i>ndiyo</i>	no <i>hapana</i>	Explain <i>Eleza</i>			
How long does ITM protect cattle <i>Chanjo yazui kwa muda gani</i>	1y	2y	5y	10y	life-long <i>maisha</i>	
Rate of cattle mortality due to ECF, <i>Asilimia ya vifo kutokana na ECF nini</i> pastoralists (no control/treatment) [%] <i>wafugaji wanao hamahama</i> (<i>hakuna kinga/hakuna tiba</i>)		in dairy systems, with acaricide [%] <i>ngombe wamaziwa, wanao</i> <i>tumia dawa ya yosho</i>			in dairy systems, without acaricide [%] <i>ngombe wamaziwa, wasio</i> <i>tumia dawa ya yosho</i>	

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1.4 Specifics of ITM delivery

How to store the vaccine (tick all) <i>Kuhifadhiwa kwa chanjo</i>	counter <i>kaunta</i>	fridge <i>friji</i>	liquid nitrogen <i>nitrogen kimi minika</i>	safe <i>kasiki</i>	cupboard <i>kabati</i>	freezer <i>friza</i>
Which animals not to vaccinate (tick all) <i>Je kuna wanyama wasio faa kuchanjwa</i>	castrated <i>hasi</i>	sick <i>mgonjwa</i>	in-calf <i>mjamzito</i>	in heat <i>katika joto</i>	<1mo <i><1mwezi</i>	>3y <i>>3mwiaka</i>
Preparation before vaccination (tick all) <i>Jinsi chanjo inavyo andaliwa</i>	heating <i>pasha</i>	thawing <i>yeyusha</i>	mixing w. water <i>changanya na maji</i>	freezing <i>gandisha</i>	shaking <i>tingisha</i>	add diluent <i>weka dailwenti</i>
Shelf-life after preparation (tick one) <i>Muda wa maisha ya chanjo</i>	1 h	4hrs	6hrs	12hrs	24hrs	48hrs
List appropriate injection sites (tick all) <i>Orodhesha sehemu za kudungwa chanjo</i>	under ear <i>chini ya sikio</i>	on neck <i>shingoni</i>	near lymph nodes <i>karibu na tezi</i>	on thigh <i>paja</i>	shoulder <i>bega</i>	tail <i>mkia</i>
Appropriate dosage <i>Kipimo sahihi cha chanjo</i>	vaccine <i>chanjo</i>	amnt-unit <i>idadi/kitengo</i>	per <i>kwa</i>	antibiotics <i>kiuavijasumu</i>	amnt-unit <i>idadi</i>	per <i>kwa</i>
Why give antibiotics with ITM (tick all) <i>Umuhimu wa viuavijasumu</i>	increase immunity <i>ongeza kinga</i>		prevent infection <i>kuzuia maambukizi</i>		kill pathogen <i>kuaa viini</i>	
Why are ear tags important <i>Haja ya vitambulisho vya masikio</i>	stop theft <i>zuia wizi</i>	insurance <i>bima</i>	follow-up <i>kufuatilia</i>	show protection <i>onesha kinga</i>	quality <i>ubora</i>	
Why are vaccination records important <i>(Umuhimu wa kumbukumbu za chanjo)</i>	ensure quality <i>kuthibitisha ubora</i>	show vacc coverage <i>usambazaji wa chanjo</i>	plan activities <i>ratiba</i>	gov report <i>taarifa kwa serikali</i>		
Information to be recorded on vaccination records (tick all) <i>Jambo linalo rekodiwa baada ya chanjo</i>	ear tag <i>vitambulisho</i>	anim. age <i>umri</i>	anim.temperature <i>joto</i>	sex <i>jinsia</i>	colour <i>rangi</i>	calves <i>ndama</i>
	frmr name <i>jina la mkul.</i>	vacc place <i>eneo chanjo</i>	farmer gender <i>jinsia ya mkulima</i>	date <i>tarehe</i>	vacc. batch <i>bachi ya chanjo</i>	weight <i>uzito</i>

1.5 Monitoring

Should animals be observed after vaccination? <i>Je mnyama aliechanjwa aangaliwe muda baada ya chanjo?</i>	yes <i>ndiyo</i>	no <i>hapana</i>	For how long <i>Kwa muda gani</i>		
Why should they be observed <i>Kwa nini angaliwe</i>	allergy <i>mzio</i>	fever <i>homa</i>	anaphylactic shock <i>mushtoko mkubwa</i>	over feeding <i>kula zaidi</i>	
Why do some animals react, i.e. get ill with ECF <i>Kwa nini wanyama wengine wanaugua baada ya chanjo</i>	after 1-2 weeks?				
What should be done <i>Nini kifanyike</i>	anti-biotics <i>kiuavijasumu</i>		anti-theileria drugs <i>dawa ya kutibu ECF</i>	quarantine <i>karantini</i>	
Who regulates ITM in TZ <i>Nani anasimamia ITM TZ</i>	police <i>polisi</i>	DVS <i>DVS</i>	parliament <i>bunge</i>	VIC <i>VIC</i>	Vet Council Tz <i>VCT</i>

1.6 Cost components of ITM

Aware of ITM price, farm-gate <i>Unajua Bei ya chanjo?</i>	yes <i>ndiyo</i>	no <i>hapana</i>	What is ITM price/animal [TZS] <i>Kama ndiyo ni kiasi gani?</i>					
Split price into cost components <i>Mchanganuo wabei [TZS]</i>	vaccine <i>chanjo</i>	antibiotic <i>kiuavijasumu</i>	dewormer <i>dawa ya minyoo</i>	eartag <i>vitambulisho</i>	liq nitr <i>nitrogn</i>	material <i>vifaa</i>	delivery <i>usafirishaji</i>	vacc income <i>mapato kutokana</i>
Cost of acaricide per animal (life-time) <i>Gharama ya dawa kwa maisha ya mnyama</i>				Cost ratio, treatment vs vaccination <i>Uwiano wa gharama dhidi ya tiba na chanjo</i>				

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It is important to fill each question. Please indicate if “not applicable” or “zero” with a “ – “ or a “ 0 “.

2 Vaccinator identification – *Utambulisho*

Activity base; village name <i>Kijiji</i>		Ward <i>Kata</i>	
District <i>Wilaya</i>		Region <i>Mkoa</i>	
Mobile number <i>Namba ya simu ya mkononi</i>		Smartphone <i>Smartphone</i>	yes no <i>ndiyo hapana</i>
Email <i>Barua pepe</i>		WhatsApp <i>WhatsApp</i>	yes no <i>ndiyo hapana</i>
Previous ITM training? <i>Mafunzo ya ITM hapo awali</i>	yes no <i>ndiyo hapana</i>	How many ITM trainings <i>Namba ya mafunzo ya ITM</i>	
Last training, year <i>Mwaka wa mafunzo ya mwisho</i>		Training organisation <i>Nani alitoa mafunzo</i>	

3 ITM vaccination history & success – *Historia ya ITM & Mafanikio*

ITM activity, first year <i>Shughuli za ITM mwaka wa kwanza</i>	[year] [mwaka]	Original ITM supplier <i>Msamabazaji wa ITM wa kwanza</i>											
ITM activity, most recent year <i>Mara ya mwiso ulipotoa chanjo ya ECF</i>	[year] [mwaka]	Most recent ITM supplier <i>Msamabazaji wa ITM sasa hivi</i>											
Success indicators, main <i>Kiashiria cha mafanikio</i>	ITM vacc/yr [#] <i># ITM chanjo/mwk.</i>	2015	2014	2013									
	ITM farmers/yr [#] <i>ITM wafugaji/mwk.</i>	2015	2014	2013									
	ITM revenue/yr [TZS] <i>ITM-kipato/mwk.</i>	2015	2014	2013									
Vaccinations Sep 15-Aug 16 <i>Chanjo ulizotoa kuanzia Sep 15 – Aug 16</i>	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	
Anim. types vaccinated, dairy crossbred <i>Aina ya mnyama aliyechanjwa, maziwa</i>	[% dairy cross-bred cattle] [% ya ng'ombe wa maziwa]						Young <i>Ndama</i>	[% < 6 mo.] [% < miezi 6]					
Trend ITM vacc (last 12 mo) <i>Mwelekeo huduma chanjo (miezi 12 iliyopita)</i>	▶ - ▲ - ▼ ¹		Is your ITM business successful <i>Je huduma zako za chanjo zina maf</i>					yes <i>ndiyo</i>	no <i>hapana</i>				
How do you find customers <i>Unawapata vipi wateja</i>	word of mouth <i>kwa mdomo</i>	prodctn grp <i>vikundi</i>	family <i>jamii</i>	radio <i>radio</i>	print <i>gazeti</i>	show 8/8 <i>maonyesho</i>	DVO <i>DVO</i>						
Challenges reaching farmers <i>Changamoto kuwafikia wakulima</i>	very expensive <i>ghali sana</i>	large packs <i>packs kubwa</i>	not aware <i>hawatambui</i>	don't trust <i>hawaiamini</i>	no need <i>haina haja</i>								

¹ ▶ = stable, *kawaida* , ▲ = growing, *inakua*, ▼ = decreasing, *inashuka*

4 Control variables, vaccinator

Vaccinator age [y] <i>Umri [miaka]</i>		Gender (tick) <i>Jinsia</i>		male <i>MME</i>	female <i>MKE</i>	
Level of education (tick) <i>Shahada/Cheti cha mwisho</i>	O-level	A-level	Certificate	Diploma	BSc/BVM	MSc/MVM
Own equipment (tick all) <i>Vifaa unavyomiliki</i>	bicycle <i>baisikeli</i>	motorbike <i>pikipiki</i>	car <i>gari</i>	veterinary kit <i>kasha la bwana mifugo</i>	protective gear <i>vifaa vya kujikinga</i>	liq. nitrogen container
ITM vaccinations, last 12mo <i>Chanjo ECF, vs huduma za tiba</i>	[%]		as share of animal health cases <i>mchango wa kesi za afya ya wanyama</i>			
List animal health (AH) services you offer <i>Orodha huduma za afya ya wanyama unazotoa</i>						
Other AH services you want to provide <i>Huduma gani zingine ungependa kutoa. (tck all)</i>	none <i>hapana</i>	AI <i>uhamilishj</i>	treatment <i>tiba</i>	extension <i>huduma za ugani</i>	input supply <i>peembejeo</i>	
List your non -animal health activities <i>Shughuli nyingine za kipato</i>						
Income shares (total 100%) <i>Mchango katika pato (jumla 100%)</i>	ITM vaccinations		[%]			
	other animal health activities <i>Shughuli zingine za afya ya mifugo</i>		[%]			
	non- animal health activities <i>Zisizo za afya ya mifugo</i>		[%]			
Do you have your own business <i>Je una biashara yako binafsi</i>	yes <i>ndiyo</i>	no <i>hapana</i>	Type of business <i>Aina ya biashara</i>			
Number employees in your business [#] <i>Number ya wafanyakazi kwa sasa</i>	[#]		Is your business licenced? <i>Je biashara yako ina leseni</i>		yes <i>ndiyo</i>	no <i>hapana</i>
Who are the suppliers for your business <i>Nani ni wasambazaji wako wa bidhaa</i>						
Are you a government employee? <i>Ni mfanyakazi wa serikali?</i>	yes <i>ndiyo</i>	no <i>hapana</i>	Your designation <i>Cheo chako</i>			
Main activity as gov. employee <i>Shughuli kuu kama mwajiriwa wa serikali</i>						
Gov. programmes you are involved in <i>Ni shughuli/miradi ipi ya serikali unahusika nayo</i>						
How does DVO support you <i>DVO anakusaidia vipi</i>						
What do you provide to DVO <i>wewe unachangia nini kwa DVO</i>						
You use livestock field officers in the field <i>Je unawahusisha maafisa mifugo kwenye field</i>	yes <i>ndiyo</i>	no <i>hapana</i>	How many during last year [#] <i>Wangapi kwa mwaka uliopita</i>		[#]	
Who helps you to (tick all) <i>Uhusiano kwa sasa unasaidia</i>	create awareness <i>uhamasishaji</i>	prod/farmer grps <i>vikundi</i>	DVO	AgroVet <i>watoa huduma</i>		
	gain access to farmers <i>kuwafikia wafugaji</i>	prod/farmer grps <i>vikundi</i>	DVO	AgroVet <i>watoa huduma</i>		
	gain financial support <i>msaada wa kifedha</i>	prod/farmer grps <i>vikundi</i>	DVO	AgroVet <i>watoa huduma</i>	banks/ MFIs <i>benki</i>	

5 Business training

Only Round 2