

Guide on filling the training KAP survey

General instructions

- Please only fill the unshaded cells
- Please answer all questions; a blank question will be treated as “I do not know” (the fields “questionnaire ID” and “vaccinator ID” will be filled later)
- In multiple questions where there is no instruction to “tick all”, only 1 tick is a correct answer
- In questions where you are asked to “tick all” please tick all possible correct answers

Specific questions instructions

Header

No need to fill the ID fields, they will be filled later

1 Knowledge, attitudes and practices on ECF and ITM

This section seeks to assess your knowledge attitudes and current practices on ECF disease and administration of the ITM vaccine. The section is divided into 6 sub-sections which are explained below including the most appropriate ways of answering the questions.

1.1 ECF characterisation

| Questions | Brief explanation |
|--|--|
| Are you aware of the parasite that causes East Coast Fever? <i>imelea vinanyosababisha ECF</i> | State whether you are aware of the parasite causing ECF. Tick yes or no then explain the answer <i>Jibu ndiyo au hapana kisha eleza jibu</i> |
| List ECF symptoms (tick all) <i>Dalili za ECF</i> | In this subsections, List ECF symptoms, hosting animals and the transmitting vectors and how the ECF disease is diagnosed. Please tick all options you think correctly answer the question. <i>tafadhali tia alama kwa chaguzi zote unafikiri ni sahihi kujibu swali</i> |
| What are ECF hosting animals (tick all) <i>Wanyama wanotunza vimelea</i> | |
| ECF transmitting vectors (tick all) <i>Vimelea visambazaji</i> | |
| How is ECF diagnosed <i>Kutambuliwa kwa ECF</i> | |
| Difference between ECF & FMD <i>Tofauti ya ndigana na FMD</i> | Please explain whether there is a difference between ECF and FMD tick yes or no then explain the answer <i>Eleza kama kunatofauti dhidi ya ECF na FMD Jibu ndiyo au hapana kisha eleza jibu</i> |

1.2 Methods of controlling ECF at the herd level

| Questions | Brief explanation |
|--|--|
| What are main ECF control methods <i>Mbinu kuu ya kudhibiti ECF</i> | Please explain the main ECF control methods at herd level, method of control and which method creates immunity and has the lowest cost to the animal Please tick all options you think correctly answer the question. <i>tafadhali tia alama kwa chaguzi zote unafikiri ni sahihi kujibu swali</i> |
| Which method is (tick one) most effective <i>njia mwafaka ya kutokomeza ECF</i> | |
| creates immunity to ECF <i>inyo jenga kinga dhidi ya ECF</i> | |

| | |
|--|--|
| has lowest cost per animal <i>inyo gharama ya chini zaidi</i> | |
|--|--|

1.3 Characterisation of ITM

| Questions | Brief explanation |
|--|---|
| Does ITM protect against other illnesses <i>Je chanjo ya ECF inazuia magonjwa mengine</i> | Tick yes or no then explain the answer <i>Jibu ndiyo au hapana kisha eleza jibu</i> |
| How long does the vaccine protect cattle <i>Chanjo yazui kwa muda gani</i> | After vaccination how long does the vaccine protect the cattle <i>Baada ya chanjo kinga dhidi ya ugonjwa inadumu kwa muda gani</i> |
| ECF mortality, pastoralist (no control/treatment) [%] <i>Nani anasmamia chanjo TZ</i> | State in percentage the share of livestock's that succumb to death due to ECF in the pastoral systems, dairy systems with use of acaricides and dairy systems with no control or ECF treatment. <i>asilimia ya mifugo ambao wanakabiliwa na kifo kutokana na ECF katika mifumo ya wafugaji, mifumo ya maziwa pamoja na matumizi ya acaricides na mifumo ya maziwa bila udhibiti au matibabu ya ECF</i> |

1.4 Specifics of ITM delivery

| Questions | Brief explanation |
|--|--|
| How to store the vaccine (tick all) <i>Kuhifadhiwa kwa chanjo</i> | Please state the appropriate way to store the ITM vaccine to preserve potency, which animals or animal categories should not be vaccinated and the vaccine preparation steps before administering to cattle. |
| Which animals not to vaccinate (tick all) <i>Je kuna wanyama wasio faa kuchanjwa</i> | |
| Preparation before vaccination (tick all) <i>Jinsi chanjo inavyo andaliwa</i> | Tafadhali eleza njia sahihi ya kuhifadhi chanjo ya ITM, wanyama au makundi ya wanyama ambo hawapaswi kuchanjwa na hatua za maandalizi ya chanjo kabla kuchaja mifugo. Please tick all options you think correctly answer the question. <i>tafadhali tia alama kwa chaguzi zote unafikiri ni sahihi kujibu swali</i> |
| Shelf-life after preparation (tick one) <i>Muda wa maisha ya chanjo</i> | What is the vaccine shelf- life after preparation? please tick one options you think correctly answer the question (<i>Hapa, chaguzi mbalimbali imetolewa tafadhali tia alama kwa chaguzi moja unafikiri ni sahihi kujibu swali</i> |
| List appropriate injection sites (tick all) <i>Orodhesha sehemu za kudungwa</i> | <i>State appropriate injection sites</i> <i>Mahali mwanaHapa, chaguzi mbalimbali zimetolewa tafadhali tia alama kwa chaguzi zote unafikiri ni sahihi kujibu swali</i> |
| Appropriate dosage <i>Kipimo sahihi cha chanjo</i> | State the appropriate dosage of vaccine and antibiotic administered to the animal |
| Why give antibiotics with ITM (tick all) <i>Umuhimu wa viuavijasumu</i> | In this section please explain why you administer antibiotics after ITM vaccination, importance of ear-tags, and keeping vaccination records and what is recorded after the vaccination exercise. <i>Katika sehemu hii tafadhali eleza umuhimu wa kuptia mifugo viuavijasumu baada ya chanjo, umuhimu wa vitambulisho vya masikio, na umuhimu wa kutunza kumbukumbu za chanjo.</i> |
| Why are ear tags important <i>Haja ya vitambulisho vya masikio</i> | |
| Why are vaccination records important <i>(Umuhimu wa kumbukumbu za chanjo)</i> | |
| Information to be recorded on vaccination records (tick all) | |
| | please tick all options you think correctly answer the question <i>Hapa, chaguzi mbalimbali zimetolewa tafadhali tia alama kwa chaguzi zote unafikiri ni sahihi kujibu swali</i> |

1.5 Monitoring

| Questions | Brief explanation |
|---|---|
| Should animals be observed after vaccination? <i>Je mnyama aliechanjwa aangaliwe muda baada ya chanjo?</i> | <i>Whether animals should be observed after vaccination. Tick the correct answer and explain</i> <i>Tia alama kwa jibu sahihi na ueleze</i> |
| Why should they be observed <i>Kwa nini angaliwe</i> | Reason why the animals should be observed. Tick all correct answers. <i>Tia alama kwa jawbu zote unafikiri ni sahihi</i> |
| Why do some animals react, i.e. get ill with ECF <i>Kwa nini wanyama wengine wanaugua baada after 1-2 weeks? ya chanjo</i> | Reason why the animals react after receiving the ITM vaccination In this section, write the correct answer in the space provided |
| What should be done <i>Nini kifanyike</i> | If an animal reacts to the vaccine what remedy should be used. Tick all correct answers |
| Who regulates ITM in TZ <i>Nani anasimamia ITM TZ</i> | Who regulates ITM vaccination in Tanzania <i>Tia alama kwa jawbu zote unafikiri ni sahihi</i> |

1.6 Cost components of ITM

| Questions | Brief explanation |
|---|---|
| Aware of ITM price, farm-gate <i>Unajua Bei ya chanjo?</i> | <i>Whether you are aware of ITM prices per animal to the farmer. Tick the correct answer and state the value</i> <i>Kama unaelwa bei mkulima anayolipa kuchanjiwa myama mnyama mmoja. Tia alama kwa jibu sahihi na uitaje</i> |
| Split the price into component costs <i>Mchanganuo wabei [TZS]</i> | Based on your own experiences, state the costs of the named components in the unshaded area per single vaccination. The sum of all cost components should be roughly the farm gate price of a vaccination. <i>Kutokana na mazoea yako eleza bei ya viungo vifuatazo kwa sehemu iliyo nyeupe</i> |
| Cost of acaricide per animal (life-time) <i>Gharama ya dawa kwa maisha ya mnyama</i> | <i>Andika jibu</i> Cost ratio, treatment vs vaccination <i>Uwiano wa gharama dhidi ya tiba na chanjo</i> <i>Andika jibu</i> |

2 Vaccinator identification – Utambulisho

| Questions | Brief explanation |
|----------------|--|
| Identification | This section captures vaccinator identification information including geographic location, name, gender, whether they own smart phone, whether they have received prior training on ITM and when the training was last conducted |

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

| Questions | Brief explanation |
|---|--|
| ITM vaccination history | This section captures your history of ITM. Record the first year you conducted ITM vaccination, who was your original vaccine supplier and your current vaccine supplier |
| Success indicators | Here please state success indicators in terms of number of vaccinations per year, number of farmers vaccinated per year and revenue from ITM per year. For the last 3 years 2013, 2014 and 2015. |
| Vaccinations Sep 15-aug 16 | State the number of vaccinations per month starting from September 2015 till august 2016 |
| Animal types vaccinated | State the number of animals vaccinated per animal type given |
| Trend | State the trend of ITM vaccinations in the last twelve months ▶ stagnant - ▲ increasing - ▼ decreasing |
| How do you find customers and challenges reaching framers | Tick the methods you use to reach to farmers. Also tick the challenges faces while trying to reach farmers |

4 Control variables, vaccinator

| Questions | Brief explanation |
|---|--|
| Age, gender, education equipment | State your age in years. Tick your corresponding gender, level of education and equipment owned |
| ITM Vaccinations last 12 months | Share of ITM vaccinations conducted in the last 12 months |
| Animal health services Offered Would wish to offer | list the animal health services that you are currently offering Tick the animal health services you would want to provide |
| Non animal health services | List the non-animal health services that you are currently offering |
| Income shares | State the income shares received for each of the following functions 1). ITM vaccinations, 2) other animal health activities and 3) non animal health services all the three percentages should add up to 100% |
| Do you have own business; what type | Indicate if you are running a private business and describe it. |
| Employees | State your current number of employees |
| Licence | Tick whether or not your business is licensed |
| Suppliers | List your suppliers for animal health products |
| Government employees | Whether you are a government employee and your designation |
| Main activity, program, support to DVO | State your main activities as government employee, the main activities you are involved in and how the DVO supports you and how you intern support the DVO |
| Use livestock officer | Whether you engage any livestock officers in your field activities and if yes how many |
| Who helps you to | Tick the appropriate organisations that help you to: <ul style="list-style-type: none"> • Create awareness, • gain access to farmers or • gain financial support |

5 Business training

| Questions | Brief explanation |
|-----------------------------|---|
| Animal health enterprise | Whether you have an animal health enterprise. If “no” skip till ever had a business training If “yes” fill all the other subsequent questions |
| Trend revenue and employees | State the trend of your revenue and employees in the last 3 years ► stagnant - ▲ increasing - ▼ decreasing |
| Business records | Name the kind of business records you keep and tick the recording interval of keeping your records and the recording medium. |
| Support | State the kind of support you would need to establish your ITM business and why |
| Business training | Whether you have ever had business training. If yes which year |
| Areas you need training | Tick the appropriate areas where you need business training and the level of importance of the training to your business |