DRAFT QUESTIONNAIRE FOR REPORTING BY COUNTRIES ON THE AMOUNTS OF DDT USED, CONDITIONS OF SUCH USE AND ITS RELEVANCE IN DISEASE MANAGEMENT STRATEGIES

QUESTIONNAIRE

DRAFT QUESTIONNAIRE FOR REPORTING BY COUNTRIES ON THE AMOUNTS OF DDT USED, CONDITIONS OF SUCH USE AND ITS RELEVANCE IN DISEASE MANAGEMENT STRATEGIES

| COL | U NTRY: | ••••• | 3-year Rep | orting Period: | 2001 - 2003 | | | | |
|--------------|---|---------------------------|--------------------|---------------------------------|------------------|--|--|--|--|
| Nam Offic | e of Principal Reporting | | | | | | | | |
| Desig | gnation | | | | | | | | |
| Ager | ncy Name and Address | | | | | | | | |
| Fax: | | | | | | | | | |
| e-ma | iil | | | | | | | | |
| Sign | ature of Official | | Dat | to. | | | | | |
| | | | Dat | | | | | | |
| | | | | | | | | | |
| SEC | CTION A: PRODUCTI | ON AND USE OF D | DDT | | | | | | |
| A.I. | SOURCES OF DDT | | | | | | | | |
| In-co | ountry production | | | | | | | | |
| | 1. Is DDT produced in your country? YES NO (If NO, proceed to question # 4) | | | | | | | | |
| 2. If | 2. If yes, please list the DDT production facilities in the country: | | | | | | | | |
| No | Production Facility and location | Total production capacity | Net output/yr (kg) | Formulation (type & % of active | % for in-country | | | | |

| No | Production Facility and location | Total production capacity | Net output/yr (kg) | | Formulation (type & % of active | % for in-country | |
|------|----------------------------------|---------------------------|--------------------|-------|---------------------------------|--------------------|-----|
| | | (kg) | Yr. 1 | Yr. 2 | Yr. 3 | ingredient (a.i.)) | use |
| i. | | | | | | | |
| ii. | | | | | | | |
| iii. | | | | | | | |

3. For each of the production facilities listed above, provide the following:

| No | Facility | Export information | | | | | | | | |
|------|----------|------------------------|---|-------|-------|--------------------|--|--|--|--|
| | | Destination country(s) | Formulation (type and % active ingredient (a.i.)) | | | | | | | |
| i. | | | Yr. 1 | Yr. 2 | Yr. 3 | ingredient (a.i.)) | | | | |
| ii. | | | | | | | | | | |
| iii. | | | | | | | | | | |

| <u>Import</u> | | | | | | | |
|--|--|--------------|----------------------|--------------------------|---------------------------|--------------------------------|---|
| 4. Has DDT been important question 6.) | orted into your country ov | er the repor | ting perio | d. YES 🗌 | NO □. (| (if NO, | proceed to |
| 5. If DDT is imported | please provide the follow | ing | | | | | |
| Country of export | Name of manufac | cturer | Total n | et wt of impereporting p | ort/yr eriod | Formulation (type & % of a.i.) | |
| | | | Yr. 1 | Yr. 2 | Yr. 3 | | |
| | | | | | | | |
| | | | | | | | |
| Stock information 6. Is DDT repackaged/7. If yes, please complete | reformulated in the count ete the following table: | ry? Yes 🔲 | _ No 🗀_ | _(If NO, p | lease prod | ceed to | question 8) |
| Repackaging/reformul | Description of repackaging | | Formulat | | Intended | | Annual |
| ation Agency | (boxed, polythene bagged; description of labelling etc | | (type and active ing | | end-use | | amount (kg).) |
| | | | | , | | | |
| | | | | | | | |
| | | | | | | | |
| 8. Please provide the fo | ollowing information on t | he usable st | tocks of D | DT in you | r country. | | |
| Location | Total amount in storage (kg) | | ulation d % a.i.) | autho | aging rity of ility | | itions of storage torage capacity access) |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | <u>'</u> | 1 | | -1 | | -1 | |
| A.II. DDT DISPOSAL | L | | | | | | |
| 9. Do you have obsolet | e DDT stocks in the cour | ntry. YES_ | NO: | (If NO | , proceed | to ques | tion 13) |

10. If yes, what is the total weight of obsolete DDT stock in the country (kg):____ Please tick here \square if amount is unknown

| | and location | | Total capacity of storage (kg) | | Total amount of obsolete pesticides in storage at the facility | | kg) and age (yrs) of component |
|---|--|---|--|--|--|-------------------------------------|--|
| 2. For each s | | y storing obsole | ete DDT listed | in question | ı 11, pleaso | e complete the fo | ollowing on |
| Facility | | | St | orage conditi | ions | | |
| Tacinty | Housed or open? | Regular inspection? (yes/no). If yes how often? | Adequate security? (yes/no) | Leaky roof? (yes/no) | DDT leaking in environm (yes/no | hto human and safety (e | comment or environment e.g. need for ekaging) |
| | | | | | | | |
| | | | | | | | |
| | | ly responsible for | | sal? | | | |
| 4. Is DDT dis 5. If the answ indicate de | sposed off in ver to questic stination and | -country? YES | NO Dhe obsolete D | DT exporte | |] NO □. If exp | ported, then |
| 4. Is DDT dis 5. If the answ indicate de | sposed off in ver to questic stination and DDT is dispetthed Function and | -country? YES on 14 is NO, is t intent of expor | NO Dhe obsolete D | DT exporte | | | Cost of disposal (per kg) |
| 4. Is DDT dis 5. If the answ indicate de 6. If obsolete Disposal me (Electro-cher | sposed off in ver to questic stination and DDT is dispetthed Function and | -country? YES on 14 is NO, is to intent of exportance of in-countries using | NO NO he obsolete D t he obsolete D t Years method has been in | DT exporte | e the follo | wing table: Amount disposed off/yr | Cost of disposal |
| 4. Is DDT distribution of the second of the | sposed off in ver to questic stination and DDT is disp ethod F mical, a etc) | -country? YES on 14 is NO, is to intent of exportance of in-countries using | NO NO he obsolete D t he obsol | DT exporte ase complet Disp capacity | e the followoosal //yr (kg) | Amount disposed off/yr (kg.) | Cost of disposal |

18. Please complete the following table for each disease for which DDT is used:

| Disease | Total national Populat ion at risk to | bur preva rate mortal | ease den: alence (a) & lity rate | % total national population at risk that is covered by DDT use | | | Main vector species targeted | DDT resistance in target species (Yes, no) | Year resistance was first reported |
|---------|---------------------------------------|--------------------------------|--|--|-----|-----|------------------------------|--|---|
| | disease | a | b) b | Yrl | Yr2 | Yr3 | | | |
| | | | | | | | | | |
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19. Complete the following table for each disease for which DDT is used (Please use additional page as necessary):

| Disease | Local areas where DDT is used (e.g. district) | Population size in targeted areas | Disease transmission classification in targeted areas (stable or unstable; if stable, indicate if holo-, hyper-, | Coverage in targeted areas (% of houses) | | Annual amount of DDT used (kg) | | | |
|---------|--|--|--|--|-----|--------------------------------|-----|-----|-----|
| | | | meso- or hypo- endemic ¹) | Yr1 | Yr2 | Yr3 | Yr1 | Yr2 | Yr3 |
| | | | | | | | | | |
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¹ See instructions for definitions of endemicity.

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A.IV. REGULATION AND CONTROL:

| If NO, go to quest | ion 29 | | the purchase and/or use of DDT? YES No | | | | | | |
|---|--|--|---|--|--|--|--|--|--|
| Title of relevant law or | Year it was | | dditional sheets if need). | | | | | | |
| regulation on DDT | passed or enacted | (e.g. Prohibits the | use of public transport for transporting of DDT) | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 22. Please indicate the apply) | major limitations v | vith the effective en | forcement of existing regulations. (Tick all that | | | | | | |
| Inadequate enforcement resources/facilities | Regulations not well understood by enforcement agencies | Inadequate number of trained personnel | Other (Please specify) | | | | | | |
| | agonoles | | | | | | | | |
| 23. Name the overall m | anaging authority | for DDT in the cou | ntry | | | | | | |
| | | | sease vector control purposes | | | | | | |
| 25. Please clarify if the | authorizing agency | y (check all that app | oly): | | | | | | |
| is directly in | volved in vector co | ontrol application of | f DDT | | | | | | |
| performs sup | pervisory roles | | | | | | | | |
| | _ | of DDT application | in local areas | | | | | | |
| ☐ train field sta | aff (spray operators | s, inspectors etc.) | | | | | | | |
| ☐ Involved in p | public education or | n safe use of pestici | des | | | | | | |
| 26. Please list any other Agencies with specialized management roles for DDT: | | | | | | | | | |
| Agency Description of role in DDT management | | | | | | | | | |
| | | | | | | | | | |
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| | | | | | | | | | |

| F. 1 | ,. | | | | | | | | | | |
|------------------------------------|-------------------|---|------------------|---------------------|---|---------------------------|-------------------------------|---------|-------------------------------------|----------|-----------------|
| End-use information | | | | | | | | | | | |
| 27. Do Local Mo | unicipa | lities use DI | OT fo | r diseas | se vecto | r control purp | oses? YES | S 🔲 | NO [| | |
| 28. Are there any control purposes | other A | Agencies (e, NO | g. pri (If N | vate ag O, go to | gencies, o questi | NGOs) involvon 31). | ved in usin | g DI | OT for | r diseas | se vector |
| 29. If the answer | to ques | stion 28 is ye | es, plo | ease co | mplete | the following | table. | | | | |
| Name of Agency | | s where Ager uses DDT e.g. districts) | ncy | size c | lation overed gency | Annual amount of DDT used | DDT us | | ted ac | | carried out |
| | | e.g. uisureus) | | by Agency | | (kg active ingredient) | training of sprayers (yes/no) | | Comm educa aware | tion/ | Other (specify) |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 30. For the agence | cies list | ed in questic | on 29, | , provid | le the fo | llowing addit | ional infor | mati | on: | | |
| Agency | | (as % of overall vector exper | | | ersonnel & Ma ed per applicat Yr. 2 | | | nual Po | al Population cover 1 Yr. 2 Yr.3 | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 31. What is the a Local curr | average ency _ | cost per hou | use sp _ curi | orayed rent equ | with DI uivalent | OT (including in US\$ | labour and | d oth | er ope | erationa | al costs) |
| 32. How would please tick as ap | | | l acce | ptance | / refusa | l of DDT for | indoor-app | olicat | tion b | y the ho | ouseholds |
| _ | | D | | | | | | | | | |

| | Provide calculated rate if | Estimated rate (if calculated rate is not available) | | | | | | | |
|--------------------|----------------------------|--|---------|-----|----------|-----------|--|--|--|
| | available | Very Low | Low (2) | (3) | High (4) | Very high | | | |
| | | (1) | | | | (5) | | | |
| Refusal rate | | | | | | | | | |
| Re-plastering rate | | | | | | | | | |

33. If the acceptability of indoor application of DDT is low, what are the reasons given for the lack of acceptance by the households (please tick all that apply):

| Inconvenient - | Unpleasant | Dislike for white | Reluctance to | Timing of | Other |
|----------------|--------------|-------------------|----------------------|---------------|-----------|
| moving | smell of DDT | residues on walls | provide access to | spraying | (specify) |
| furniture etc. | | | strangers (sprayers) | inappropriate | |
| | | | | | |

| | plication limited to es targeted (e.g. tra | | | | NO: . If yes, please indicate | | | | |
|----------------|---|------------------------|------------------------|---------------------|--|--|--|--|--|
| 35. What are t | he criteria for sele | cting a geographic | cal area or comr | nunity for DE | OT indoor application? | | | | |
| 36. Who deter | mines the timing o | of DDT applicatio | n at the local lev | vel? | | | | | |
| 37. What facto | ors determine the t | iming of the DDT | application cyc | ele? | | | | | |
| | DDT application | | | | | | | | |
| | ssay test procedur | | | | ing to WHO susceptibility test ² | | | | |
| Disease | Main vector species | Minimum mortality % | Maximum mortality % | Year last tested | Specific geographical areas associated with test, if any | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

² Mortality after 24-hour holding period of mosquito specimens exposed to diagnostic concentration (4% DDT) for 1 hour

| (a) DDT bioassay results by month: yr1 Month 1 Month 4 Month 8 Month 12 (b) DDT bioassay results by month: yr2 Month 1 Month 4 Month 8 Month 12 (c) DDT bioassay results by month: yr3 Month 1 Month 4 Month 8 Month 12 Shriefly describe the surveillance mechanism(s) in the country for monitoring DDT resistance (Include the more & location of sentinel sites, if any): | 42. Please provide the following information on insecticide residual efficacy according to the bioassay test). ³ (If no information is available for the reporting period, please provide the mo | WHO standard ost recent data.) |
|--|---|-----------------------------------|
| Month 4 Month 8 Month 12 (b) DDT bioassay results by month: yr2 Month 1 Month 4 Month 8 Month 12 (c) DDT bioassay results by month: yr3 Month 1 Month 4 Month 4 Month 8 Month 12 . Briefly describe the surveillance mechanism(s) in the country for monitoring DDT resistance (Include the country for mo | (a) DDT bioassay results by month: yr1 | |
| Month 4 Month 8 Month 12 (b) DDT bioassay results by month: yr2 Month 1 Month 4 Month 8 Month 12 (c) DDT bioassay results by month: yr3 Month 1 Month 4 Month 4 Month 8 Month 12 . Briefly describe the surveillance mechanism(s) in the country for monitoring DDT resistance (Include the country for mo | Month 1 | |
| Month 8 Month 12 (b) DDT bioassay results by month: yr2 Month 1 Month 4 Month 8 Month 12 (c) DDT bioassay results by month: yr3 Month 1 Month 4 Month 4 Month 8 Month 12 Selection of the country for monitoring DDT resistance (Include the country for monitoring DDT resistance (Include the country for monitoring DDT resistance) | | |
| Month 12 (b) DDT bioassay results by month: yr2 Month 1 Month 4 Month 8 Month 12 (c) DDT bioassay results by month: yr3 Month 1 Month 4 Month 4 Month 8 Month 12 Seriefly describe the surveillance mechanism(s) in the country for monitoring DDT resistance (Include the country for monitoring DDT resistance) | | |
| Month 1 Month 4 Month 8 Month 12 (c) DDT bioassay results by month: yr3 Month 1 Month 4 Month 8 Month 8 Month 12 Seriefly describe the surveillance mechanism(s) in the country for monitoring DDT resistance (Include the surveillance mechanism). | | |
| Month 4 Month 8 Month 12 (c) DDT bioassay results by month: yr3 Month 1 Month 4 Month 8 Month 8 Month 12 | (b) DDT bioassay results by month: yr2 | |
| Month 4 Month 8 Month 12 (c) DDT bioassay results by month: yr3 Month 1 Month 4 Month 8 Month 8 Month 12 | Month 1 | |
| Month 8 Month 12 (c) DDT bioassay results by month: yr3 Month 1 Month 4 Month 8 Month 12 Month 12 Briefly describe the surveillance mechanism(s) in the country for monitoring DDT resistance (Include the surveillance mechanism). | | |
| Month 12 (c) DDT bioassay results by month: yr3 Month 1 Month 4 Month 8 Month 12 Describe the surveillance mechanism(s) in the country for monitoring DDT resistance (Include the country for monitoring DDT resistance). | | |
| (c) DDT bioassay results by month: yr3 Month 1 Month 4 Month 8 Month 12 Briefly describe the surveillance mechanism(s) in the country for monitoring DDT resistance (Include the surveillance mechanism). | | |
| Month 1 Month 4 Month 8 Month 12 Briefly describe the surveillance mechanism(s) in the country for monitoring DDT resistance (Include the surveillance mechanism). | | |
| Month 4 | (c) DDT bioassay results by month: yr3 | |
| Month 8 Month 12 Briefly describe the surveillance mechanism(s) in the country for monitoring DDT resistance (Include the surveillance mechanism). | Month 1 | |
| Month 12 Briefly describe the surveillance mechanism(s) in the country for monitoring DDT resistance (Include the surveillance mechanism). | Month 4 | |
| . Briefly describe the surveillance mechanism(s) in the country for monitoring DDT resistance (Include the | Month 8 | |
| . Briefly describe the surveillance mechanism(s) in the country for monitoring DDT resistance (Include the | Month 12 | |
| | | unce (Include th |
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³ 24-hour holding period mortality of vector strains of known DDT susceptibility exposed for 1 hour to a DDT-sprayed surface (75% WP)

SECTION B: DDT ALTERNATIVES (INSECTICIDES, METHODS AND STRATEGIES)

B.I.: DDT ALTERNATIVES

44. Please complete the following tables for DDT alternatives that are in use:

| Alternative control category | Method or chemical used | Disease targeted | Annual use (kg of active ingredient or quantity as applicable) | Target population (%) | Accepta- bility ¹ | Annual budget (US\$) (and as % of vector control) | Unit cost ² |
|--|-------------------------------------|---------------------|--|-----------------------------|---------------------------------|---|------------------------|
| Biological control (e.g. Bacteria) | | | | | | | |
| Chemical control & related strategies (e.g. ITNs, pyrethroids) | | | | | | | |
| Environmental control (e.g. source reduction) | ucal rata (Pt) and/or uca rata (Ut) | | | | | | |

¹ End-user refusal rate (Rt) and/or use rate (Ut), indicate as appropriate ² As appropriate. e.g. unit cost of ITN or cost of chemical application per house

45. Complete the following table on sources of the alternative options listed above, as applicable:

| Alternative category | Biological or chemical product used | Source (Import/local) | Formulations (as applicable) | Annual import (kg active ingredient) | Managing authority |
|----------------------|-------------------------------------|--------------------------|------------------------------|--------------------------------------|--------------------|
| Biological control | | | | | |
| | | | | | |
| | | | | | |
| Chemical | | | | | |
| control | | | | | |
| | | | | | |
| | | | | | |

| 46. Complete the following table on the disposal relating to the alternative options | nstec | uons | e oi | rnauve | aiterna | tne : | to 1 | relating i | aisposa. | tne | on | table | wing | onov | tne i | mbiete |). C | 46 |
|--|-------|------|------|--------|---------|-------|------|------------|----------|-----|----|-------|------|------|-------|--------|------|----|
|--|-------|------|------|--------|---------|-------|------|------------|----------|-----|----|-------|------|------|-------|--------|------|----|

| Alternative category | Biological or chemical product used | Total national stock (kg or quantity, as applicable) | Total obsolete stock (kg or quantity, as applicable) | Disposal method used | Annual disposal cost (US\$) | Agency responsible for disposal |
|----------------------|-------------------------------------|---|---|-------------------------|-----------------------------------|---------------------------------------|
| Biological control | | | | | | |
| | | | | | | |
| | | | | | | |
| Chemical control | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

47. Provide information on vector resistance to any of the insecticides listed previously as DDT alternatives in use:

| Disease | Vector species | Insecticide tolerance or resistance reported in the country (indicate region/area of country associated with report) | Year of first report |
|---------|----------------|--|----------------------|
| | | | |
| | | | |
| | | | |
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48. Complete the table on other DDT alternative(s) that have been considered for use or have been used in the country in the past but are not used any more:

| Alternative control category | Method or product used & mode of application | Disease targeted | Reason why the use of the method/product was rejected or stopped |
|---------------------------------------|--|------------------|--|
| Biological control | | | |
| | | | |
| Chemical control & related strategies | | | |
| (e.g. ITNs) | | | |
| | | | |
| Environmental control | | | |
| | | | |
| | | | |

Main vector(s) susceptibility to insecticide (DDT alternatives listed)

49. For the alternative insecticides in use, please indicate for the targeted vector species, the minimum & maximum mortality rates using the standard (discriminating/diagnostic) insecticide concentration.

| Disease | Vector | Insecticid | le 1: | Insection | cide 2: | Insectici | de 3 | Insectici | de 4: | Insectic | ide 5: |
|-----------|---------|------------|-------|-----------|---------|-----------|-------|-----------|-------|----------|--------|
| | species | | | | | | | | | | |
| | | Mort | | | tality | Mort | ality | Mort | ality | Mort | |
| | | Min % | Max % | Min % | Max % | Min % | Max % | Min % | Max % | Min % | Max % |
| | | | | | | | | | | | |
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| | | | | | | | | | | | |
| Year last | tested | | | | | | | | | | |

Insecticide residual efficacy (for each insecticide listed above) Please provide information on insecticide residual efficacy according to the WHO bioassay test.⁴ (If no information is available for the reporting period, please provide the most recent data.)

| 50. Insecticide name: |
|---|
| |
| |
| Please provide the following information on insecticide efficacy: |
| (a) Insecticide bioassay results by month: yr1 Month1 |
| Month4 |
| Month8 |
| Month12 |
| |
| (b) Insecticide bioassay results by month: yr2 Month1 |
| Month4 |
| Month8 |
| Month4 |
| Month12 |
| |
| (c) Insecticide bioassay results by month: yr3 |
| Month1 |
| Month4 |
| Month8 |
| Month12 |

⁴ 24-hour holding period mortality of vector strains of known susceptibility exposed for 1 hour to an insecticide sprayed surface.

| B.II. DISE | ASE MANAGE | MENT STRATEGIES | | |
|----------------|----------------------|---|-------------------------|------------------------------------|
| 51. Is there a | a national vector | control policy? YES NO |] | |
| 52. Is the co | untry implement | ing an integrated vector manag | ement (IVM) strateg | y YES 🗌 NO 🗌 |
| 53. If yes, pl | lease list the com | ponents parts of the IVM for th | ne diseases listed in t | his report: |
| Disease | Annual budget (US\$) | Vector control component | % of overall budget | Major limitation to implementation |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| 54. Please ir | ndicate the vector | resistance management strateg | gy employed | |
| it is adequat | ely equipped to c | on the entomology laboratories arry out insect resistance testin tations faced: | g and related function | |
| | research into the | development of locally appropr | riate alternative inter | vention options to DDT? |

| 57. If the answer to c | juestion 56 is yes, | please complet | e the following table |
|------------------------|---------------------|----------------|-----------------------|
| | | | |

| Type of research on DDT alternative | Institution leading the research | Year initiated |
|-------------------------------------|----------------------------------|----------------|
| | | |
| | | |
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SECTION C: GENERAL HUMAN AND ENVIRONMENTAL SAFETY ISSUES

| Incident Number I Iii Iii Iv Outer Place Quantity Outer Place | ncy Safeguards employed to prevent future |
|--|---|
| Ii Iii Iv 60. Please complete the following table for the incidents listed in question 59 Details of exposure or environmental results of exposure or envir | Safeguards employed to prevent future |
| Details of exposure or environmental re (Question 56) Caused of incident during (e.g. Road accident during transport) Caused of incident (e.g. Road acci | Safeguards employed to prevent future |
| Details of exposure or environmental responsible (e.g. Road accident during transport) Caused of incident transport Cau | Safeguards employed to prevent future |
| Details of exposure or environmental results of exposure or exposure or environmental results of exposure or exposure or exposure or exposure or exposure or ex | Safeguards employed to prevent future |
| Incident number (Question 56) Caused of incident (e.g. Road accident during transport) Remedial actions taken undert remedial | Safeguards employed to prevent future |
| i transport) remedia | |
| i | action incidents |
| | |
| ii | |
| | |
| iii | |
| iv | |
| | |
| 61. Which agency(ies) is(are) responsible for assessing the risks posed by the use chealth | of insecticides for public |
| | |
| 62. Is there a programme to raise awareness among communities and households of insecticides use in disease vector control YES \(\subseteq \text{NO} \subseteq \) | n safety issues relating to |
| 63. If yes, who implements the programme and what public education method(s) a | ro ugod 9 |

SECTION D: SYSTEMS STRENGTHENING IN DISEASE VECTOR CONTROL

64. Targets for relevant trained personnel in the national disease vector control programme (by category):

| Category of personnel | | el of training (Phaster, Bachelor) | el of training (PhD, aster, Bachelor) Present staffing log (number) | | _ | Targe | eted staffing level | |
|---|--|------------------------------------|--|-------------------------|---|-----------|-----------------------------------|-----------|
| Technical (e.g. management, planners) | | | | | | | | |
| Operational (e.g. sprayers, sanitarians, mosquito collectors) other (please list) | | | | | | | | |
| 65. What is the overa | oudget_ | | _ | | | | | |
| 66. What is the budg | | | | | | | | |
| 67. Give the proporti68. List the facilities | | | | | | | nany | |
| Training facili | | Specialization | on (vector | Training level provided | | | Annual output | |
| | | biology, enton | nology etc) | (degree or other) | | | | |
| | | | | | | | | |
| 69. Provide details or | n the in- | service training | g programme | es availal | ole, especially | at the re | egional and district | t levels: |
| | | | | | | | | |
| | | | | | | | | |
| 70. Do formal mecha If the answer is YES, | | | | | | | rol YES 🗌 NO 🗀 |] |
| Policy on inter- sectoral collaboration | Inter-sectoral committee/board at national level | | Inter-sectoral committee at district level | | Joint Planning (indicate if national, provincial, district etc.) | | oint implementation of activities | |
| | | | | | | | | |
| 71. If the answer to o | question | 70 is NO, wha | t are the lim | itations t | o developing s | such me | echanisms | |
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| 72. What are the limitations to the monitoring and evaluation of vector control programmes? |
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| and how can they be best overcome? |
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| 73. Please provide any other general information relevant to your country's situation with regards to vector borne diseases and their control: |
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