

Group-3 (Other Surveys)

**To gather information on the
Knowledge of professionals (of
different groups of experts**

Capacity building of professionals

- Group-1

- Importers

- Retailers

- Manufacturers

Group-2

- Health professionals

- Federal level

- Regional level

- Zonal level

- Woreda level/Health center

- Health post

Group-3

Environmental officers

✓ Federal level

✓ Regional level

✓ Zonal level

✓ Woreda level

Group-4

Crop protection & Animal health experts

- ✓ Federal level
- ✓ Regional level
- ✓ Zonal level
- ✓ Woreda level
- ✓ PA level

How can they be selected?

- Those directly related to pesticide issues

What should be professionals/experts be asked?

- **Manufacturers**

- ✓ What kind of pesticides are produced?
- ✓ Quantity of pesticides produced?
- ✓ Whether the technology used is up to the standards ?
- ✓ Availability of waste management system ?

- ✓ Quality of packaging materials?
- ✓ Whether PPE provided for workers?
- ✓ Accident management system?
- ✓ Whether pesticide poisoning has occurred while production?
- ✓ Whether the standard of label & manufacturing standard is available?
- ✓ Is there periodic medical check up available to workers?
- ✓ Training given to workers?

- **Importers**

- ✓ Types of pesticides imported?
- ✓ Quantity of pesticides imported?
- ✓ Storage facilities?
- ✓ Availability of PPE to workers?
- ✓ Whether there is medical check up for workers?
- ✓ Whether there is proper documentation?
- ✓ Is there first aid kit in the store?
- ✓ Is there hazard symbol in front of the store?
- ✓ Is there fire extinguisher in the store?

- **Retailers**

- ✓ Are you licensed?
- ✓ Types of pesticide sold?
- ✓ Customer type?
- ✓ Use of PPE by workers?
- ✓ Location of the shop?
- ✓ Whether they sell other items except pesticides?
- ✓ Do you repack pesticides in your shop?
- ✓ Do you provide PPE to workers?
- ✓ Have you got any training concerning pesticides?
- ✓ Have you encounter inspection by the regulatory bodies?
- ✓ Is the sells personnel professional or not?

- **Crop Protection & Animal health experts**
- **DA's**
 - ✓ Have you received training on pesticides?
 - ✓ What are pesticides used commonly by farmers?
 - ✓ Do you use PPE when spraying?
 - ✓ do you give training for farmers on pesticide use & handling?
 - ✓ Have you encountered pesticide poisoning?

- ✓ What are the indigenous knowledge among farmers about pest control other than the use of pesticides ?
- ✓ What are the source of pesticides ?
- ✓ Do farmers use PPE while applying pesticides?
- ✓ Do farmers use recommended dosage of pesticides?
- ✓ How farmers pesticide waste & empty containers?

- **Woreda crop protection experts**

- ✓ Have you received training on pesticides use & handling ?

- ✓ What are pesticides used commonly by farmers?

- ✓ Do you use PPE when spraying?

- ✓ Do you give training for farmers on pesticide use & handling?

- ✓ Have you encountered pesticide poisoning?

- ✓ What are the indigenous knowledge among farmers about pest control other than the use of pesticides ?
- ✓ What are the source of pesticides ?
- ✓ Do farmers use PPE while applying pesticides?
- ✓ Do farmers use recommended dosage of pesticides?
- ✓ How farmers pesticide waste & empty containers?

- ✓ Do you give training on pesticide use for DA's?
- ✓ Is there appropriate pesticide storage ?
- ✓ Is there appropriate stock management and recording system?

- **Regional and Zonal crop protection experts**

- ✓ Same questions as Woreda experts

- **Environmental protection experts at Woreda & Zonal experts**
 - ✓ Is there pollution recorded in the area due to pesticide wastes?
 - ✓ What is the cause of the pollution?
 - ✓ Is there prevention methods for environmental pollution?
 - ✓ What are the effects of pollution on aquatic organisms, wild life, etc?
 - ✓ Is there poisoning case on bees?

- **Environmental protection experts at regional level**

- ✓ Is there policy, regulation, directives and standards on environmental issues in relation to pesticides?

- **Environmental protection experts at federal level**

- ✓ Are there directives in environmental issues for pesticides?
- ✓ Is there coordination with regions?
- ✓ What are types of supports given to the regions?
- ✓ Are there follow-ups in establishing sectoral units in other federal ministries

- **Health Professionals**

- Health post professionals**

- ✓ Is there reported cases of pesticide poisoning ,
If there is how many yearly?
- ✓ What are the types of poisoning cases?
- ✓ What do you know about pesticide poisoning and treatment?
- ✓ What are the treatments provided for victims?

- Woreda health centers professionals**

- ✓ Do you have awareness about pesticide poisoning?
- ✓ Have you received training pesticide poisoning?
- ✓ Is there reported cases of pesticide poisoning,
If yes how many yearly?

- ✓ What are the treatments provided for pesticide poisoning victims?
- ✓ For which pesticides the treatment was provided?
- ✓ Is there reporting system for pesticide poisoning?

Regional & Zonal health centers professionals

- ✓ The same as woreda health center professionals

- **How this survey should be conducted**
 - ✓ Using questionnaires and interviews
- **How many people should be interviewed**
 - ✓ depending on the size of the regions, zones and woredas
where there is high risk of pesticides using stratified sampling
method
- **How they can be selected**
 - ✓ Based on there direct relationship with pesticide activities
 - ✓ Based on there experience on pesticides

- **An outline of the methods used for the surveys**

- ✓ Training of trainers for regional experts by federal experts
- ✓ Training of trainers by regional experts for zonal & woreda experts
- ✓ Deliverance of questionnaires to concerned bodies
- ✓ Monitoring and evaluation
- ✓ Reporting