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REPORT OF THE
WEST AFRICAN REGIONAL WORKSHOP
ON PESTICIDE LEGISLATION

LOME, TOGO
APRIL, 1985

SPONSORED BY

THE U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT (USAID)

THE CONSORTIUM FOR INTERNATIONAL CROP PROTECTION (CICP)

THE GERMAN SOCIETY FOR TECHNICAL COOPERATION (GTZ)

THE REPUBLIC OF TOGO, PLANT PROTECTION SERVICE

WEST AFRICAN PESTICIDE LEGISLATION WORKSHOP

ACKNOWLEDGEMENTS

The West African Pesticide Legislation Workshop, the first of its kind organized at a regional level, allowed us to collect data and information concerning the establishment of pesticide legislation. Our duty, as participants, is to determine the best means for applying this information.

We especially wish to thank USAID and GTZ for taking the initiative in organizing this Workshop and we hope that the initiative will be continued. We also thank all of the experts for their enthusiasm as well as their extreme dedication throughout the proceedings. Their skills contributed greatly to the success of the Workshop.

We also thank our interpreters who have so effectively improved the level of communication throughout the Workshop. Nevertheless, all of the benefits we have derived from this Workshop will be useful only if we take advantage of the information we have collected and if we reinforce the already existing ties.

To the Director of Plant Protection and to his colleagues who have been our generous and hospitable hosts, we also address our thanks.

Lome, April 19, 1985

The Workshop

MOTION OF THANKS TO THE PRESIDENT OF THE REPUBLIC OF TOGO

The participants of the West African Pesticide Legislation Workshop, held in Lome April 11-19th, 1985:

Considering the important role the Government of Togo attaches to Agriculture in its various development plans, and especially to the protection of the environment, and

Considering the peaceful and stable atmosphere instituted by the President and Founder of the Union of the People of Togo, President of the Republic, which allowed the holding of this Workshop,

Thank the People of Togo, its Government and the President and Founder of the Union of the People of Togo, President of the Republic of Togo, General GNASSINGBE EYADEMA for the very warm and authentically African welcome extended to them and for facilitating the satisfactory holding of this Workshop.

Lome, April 19, 1985

The Workshop

PREAMBLE

Following discussions between the representatives of GTZ, USAID and the Government of Togo, it was decided to organize a Workshop on pesticide legislation in West Africa. This workshop would bring together representatives of a number of West African countries and experts from national and international organizations acknowledged for their involvement in the area of pesticides. Accordingly, this meeting took place between April 10th and April 19th, 1985 in Lome, Republic of Togo. The list of participants can be found in Annex A.

OBJECTIVES

The established objectives of the workshop can be found in Annex B.

AGENDA

The agenda as it was originally prepared can be found in Annex C. However, because of unexpected changes in the number of participating countries, technical and logistical problems beyond our control and the dynamic quality inherent to this type of meeting, we were forced to make some alterations. The revised agenda (see annex D) makes references to relevant documents introduced by the national participants and to a summary of the current conditions in the different countries (Annex E).

RECOMMENDATIONS

Between the 11th and 19th of April, 1985 delegates from a number of West African countries (Benin, Burkina Faso, Guinea Bissau, Guinea, Mali, Niger, Senegal, Togo, Chad) and from Madagascar met within the framework of a workshop on pesticide legislation in West Africa. The objectives of this workshop were to:

- facilitate the establishment of pesticide legislation in those West African countries where such a legislation has not yet been elaborated,
- facilitate the improvement of such legislation where it is already being elaborated or in force, and
- promote the harmonization of pesticide registration requirements.

At the conclusion of the proceedings, which brought together the delegates from the participating countries and experts and representatives from USAID, GTZ, USEPA, ACDI, CIRAD, GIFAP and the French Plant Protection Service, the Workshop:

- taking into account the importance of agriculture in the region,
- taking into account the efforts being expended to attain self-sufficiency in food production,
- taking into account the increasing use of pesticides,
- taking into account the impact of uncontrolled use of pesticides on the environment and public health,
- considering the lack of legislation in some of these countries and the need for improvement where it does exist,
- considering the need for regulations to control the importation and utilization of pesticides,
- considering the non-existence or the weakness of regulatory legislation,
- considering the shortage of personnel in this area in all of the countries represented, and

- considering the necessity for harmonization of regulations at the regional level,

Recommends:

I. Regarding the minimum set of elements to be established for each country:

- the definition of the elements of legislation and regulation,
- the inventory and approval of products based on all the information already available in countries where the product is manufactured and/or commonly utilized,
- control with respect to formulation and packaging,
- efficacy testing of products,
- providing lists of approved products to the departments concerned and at the borders to facilitate control,
- regular dialogue between neighboring countries to promote harmonization of regulations.

II. Regarding the ideal system to be established, the Workshop recommends reference to the FAO Code of Conduct for the Distribution and Use of Pesticides and the Report of the Second Government Consultation on International Harmonization of Pesticide Registration Requirements, held by the FAO, October 11th to 15th, 1982, for the following:

- nomenclature and definitions
- data requirements for registration
- registration procedures
- national and international controls
- labelling and packaging

III. Regarding general recommendations, the Workshop

recommends:

- that donors, within the framework of their projects, have the [right to inspect]* the quality of products provided,
- that the proprietary rights of companies be guaranteed within the course of registration procedures, and

hopes:

- that donors will emphasize the development of the technical capabilities of the personnel of the countries concerned, and
- that CPI** will organize future meetings on the problem of harmonization of pesticide regulation within the region.

* (Fr.) "droit de regard"

** Organization for African Unity, Phytosanitary Council

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ANNEXE A

ATELIER SUR LA LEGISLATION DES PESTICIDES
EN AFRIQUE DE L'OUESTLISTE DES PARTICIPANTSPARTICIPANTS NATIONAUX

<u>NOM ET PRENOMS</u>	<u>TITRE OU FONCTION</u>	<u>ADRESSE</u>
ADAM Fousséni	Ingénieur Agronome Direct ur de Service	Service de la Protection des Végétaux, B.P. 1263, LOME (Togo)
AFANOU Kossi Amouzou	Ingénieur d'Agriculture	Service de la Protection des Végétaux, B.P. 1263, LOME (Togo)
AGBODJAN Ata Combé	Chef de la Division des Poids et Mesures et de la Repression des Fraudes	Minstère du Commerce B.P. 383, LOME (Togo)
BIRREGAH Sak	Docteur en Médecin (Epidemiologiste)	Division de l'Hygiène Publique et Promotion de la Santé, LOME (Togo)
CASSAMA Mustafa	Ingénieur Agronome, Chef Service de la Protection des Végétaux	M.D.R.P.C.P. 71, BISSAU (Guinée-Bissau)
CONTE Mohamed Lamine	Directeur Général de la Protection des Végétaux Ingénieur Phytopathologiste	B.P. 576, CONAKRY (Rép. Guinée)
DOE Kodzovi	Service des Engrais et Moyens Production	B.P. 341, LOME (Togo)
Mme FAVI Françoise DJIBODE	Chef Service de la Protection des Végétaux	B.P. 58, PORTO-NOVO (République Populaire de Bénin)
GABA Kué Sipohon	Magistrat	Conseiller à la Cour d'Appel B.P. 1882, LOME (Togo)
Mme. KANE née Fatou GAYE	Ingénieur Agronome Chef de la Division Contrôle Phytosanitaire	Protection des Végétaux B.P. 416, DAKAR (Rép. du Sénégal)
MOUDDOUR Ismaël	Chef Service de la Protection des Végétaux	B.P. 323, NIAMEY (Niger)
N'GANG Guid-Guid D.	Agent de Protection des Végétaux	Service Protection des Végétaux, B.P. 441 N'DJAMENA (Tchad)

Mme. RANDRIANANDRIANINA Louise	Chef de Division Entomologie Département de Recherches Agronomiques	FOFIFA B.P. 1444 ANTANANARIVO (Madagascar)
Mme. RAVOLOLONANDRIANINA E. Jeannette	Chef de Division de Defense des Culture/P.V.	B.P. 1042, ANTANANARIVO (Madagascar)
SOUNTERA Soumana	Chef de la Division de la Protection des Végétaux	B.P. 1560, BAMAKO (Mali)
TRAORE Salifou	Ingénieur Agronome	Projet de Lutte Intégrée B.P. 5573, OUGADOUGOU (B-F)

ORGANISATEURS - EXPERTS

<u>NOM ET PRENOMS</u>	<u>TITRE OU FONCTION</u>	<u>ADRESSE</u>
BOYD Bessie L.	Environmental Office Africa Bureau	Agency for International Development WASHINGTON, DC 20523 (USA)
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<u>OBSERVATEURS</u>		
<u>NOM ET PRENOMS</u>	<u>TITRE OU FONCTION</u>	<u>ADRESSE</u>
SOGNIGBE Bleoussan	Entomologiste	IRCT B.P. 1 ANIE (Togo)
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DUCRET Jacques	Ingénieur Responsable des Homologations GIFAP Working Group 1	Rhône Poulenc Agrochimie 14-20 Rue Pierre Baijet 69263 LYON CEDEX 09 (France)

ANNEX B

GENERAL WORKSHOP OBJECTIVES

- I. To facilitate the development of pesticide regulatory legislation among the countries of west Africa which do not currently have such legislation; for countries with existing legislation, to assist in refining and amending such legislation.
- II. To promote regional harmonization of pesticide registration requirements

ACTIVITIES TO PROMOTE OBJECTIVE I

General Presentations (By Invited Experts)

- (1) Environmental Issues Relating to Pesticide Use in West Africa
- (2) Utilization and Regulation of Pesticides: Problems and Perspectives in the Third World

Technical Presentations (By Invited Experts)

- (1) Requisite Elements of a Pesticide Regulatory Scheme
- (2) Industry Perspective on Harmonization of Pesticide Legislation
- (3) Counterfeit and Falsification of Pesticides
- (4) Pesticide Residues in Foods and the Role of the Codex Alimentarius

Country Reports on National Pesticide Regulatory Procedures (Country Representatives)

Working Groups (Country Representatives, assisted by the Invited Experts)

- (1) Criteria and Procedures for Registration
- (2) Essential elements (in addition to registration per se) for the Effective National Control of Pesticides
- (3) Appropriate institutional mechanisms and necessary resources for administering the various aspects of pesticide regulation

ACTIVITIES TO PROMOTE OBJECTIVE II

General Presentations (By Invited Experts)

- (1) Review of Significant Harmonization Efforts in Other Regions
- (2) Review of Pesticide Regulation and Legislation in Eastern and Southern Africa

Note: The two objectives cited above clearly are not mutually exclusive and the related activities will often overlap.

ANNEX C

PROVISIONAL AGENDA

Wednesday, April 10: Hotel de la Paix

7:00 - 9:00 PM Arrival of participants
Registration

Thursday, April 11: Conference Room; Plant Protection Service

8:00 AM Registration

9:00 AM Opening ceremonies

Mr. Fousseni Adam, Director of Plant Protection Service
of Togo

Mr. Edward Weiler, Pest Control Economist, U.S.
Environmental Protection Agency

His Exc. M. Samon Kortho, Minister of Rural
Equipment (or his representative)

9:30 AM Coffee Break

9:45 AM Plenary Session: Chairman, Edward Weiler
Rapporteur (to be assigned)

9:50 AM First Presentation: Environmental issues relating to
pesticide use in West Africa.
B. Boyd

10:15 AM Second Presentation: Utilization and regulation of
pesticides: problems and perspectives
in the Third World. B. Philogene

10:45 AM Discussion of the two preceding presentations

11:15 AM Third Presentation: Introduction to the FAO Model
Legislation and the Guidelines and
Model Scheme for the Establishment
of National Organizations for
Pesticide Regulation. E. Weiler

11:30 AM Requisite elements of a pesticide regulatory scheme.
D. Campt.

12:00 Lunch

3:15 PM Fifth Presentation: Industry perspective on harmonization
of pesticide legislation. B. Blum

3:45 PM Discussion of the three preceding presentations

4:15 PM Presentation of Country Reports Nos. 1 & 2

5:15 PM Discussion of Country Reports Nos. 1 & 2

5:45 PM Adjourn

Friday, April 12

8:00 AM Review of preceding day's proceedings

8:15 AM Sixth Presentation: A review of past efforts in
the harmonization of pesticide
legislation. D. Camp

8:45 AM Country Reports Nos. 3-5

9:45 AM Discussion of the preceding presentation and reports

10:15 AM Coffee Break

10:30 AM Seventh Presentation: Pesticide regulation and legislation
in East Africa. J. Jensen

11:00 AM Country reports Nos. 6 & 7

11:30 AM Discussion of the preceding presentation and reports

12:00 Lunch

3:15 PM Eight Presentation: Counterfeit and Falsification of
pesticides: a hazard for developing
countries. M. Deuse

3:45 PM Country Reports Nos. 8-10

4:45 PM Discussion of the preceding presentation and reports

5:15 PM Ninth Presentation: Pesticide residues in foods and
the role of the Codex Alimentarius
Commission. J. Jensen

5:45 PM Adjourn

Saturday, April 13

8:00 AM Review of preceding day's proceedings

8:15 AM Country reports 11-13

9:00 AM Discussion of reports 11-13

9:30 Introduction and organization of working groups, selection of participants, discussion on the definitions and objectives of the groups.

Groups will be formed to formulate recommendations regarding:

- (1) Criteria and procedures for registration
- (2) Essential elements (in addition to registration per se) for the effective national control of pesticides
- (3) Appropriate institutional mechanisms and minimum necessary resource levels for administering the various aspects of pesticide legislation.

12:00 Adjourn

Afternoon free

Sunday, April 11 Free

Monday, April 12

Working group meetings

Tuesday, April 13

Morning: Drafting of preliminary working group reports

2:50 Depart for technical visit to the Port of Lome

Wednesday, April 14

Morning: Plenary session: Presentation and discussion of preliminary reports

Afternoon: Working groups: Drafting final reports

Thursday, April 15

Morning: Plenary session: Presentation and approval of final reports

Afternoon: Preparation of final workshop report (by the Chairman and selected participants)

6:00 PM Reception on the grounds of the Plant Protection Service, Cacaveli

Friday, April 19

9:00 AM Closing Ceremonies

WEST AFRICAN PESTICIDE LEGISLATION WORKSHOP

April 11-19, 1985

Lome, Togo

Annex D

FINAL AGENDA

Wednesday, April 10

Offices of USAID

Plant Protection Service

09:00 - 11:00

Organizers meet to review Workshop arrangements

Hotel de la Paix

17:00 - 21:00

Registration

Tuesday, April 11

Conference Room (Plant Protection Service)

Morning

Registration

Opening Ceremonies

M. Fouseni Adam, Director of Crop Protection
Service of Togo

M. Edward Weiler, Pest Management Economist,
U.S. Environmental Protection Agency

M. Komi Adzomada, Cabinet Director; Representing
Member of Control Committee, Ministry of
Rural Equipment

Beginning of Work (Plenary)

General Presentation: Chairman: E. Weiler

Rapporteur: B. Philogene

Presentation: "Utilisation et Reglementation des
Pesticides: Problemes et Perspectives dans le
Tiers-Monde" B. Philogene

Discussion

Summary: Introduction to the FAO Model Plan
(See Annex G) E. Weiler

Presentation: "Requisite Elements of a Pesticide
Regulatory Scheme" D. Campt

Afternoon

Presentation: "Environmental Issues Relating to
Pesticide Use in West Africa" B. Boyd

Presentation: "L'Homologation des Pesticides en
France" G. Theissen

Friday, April 12

Morning

Summary of Presentations and Discussion: B. Philogene

Presentation: "Falsification et Contrefaçon des
Pesticides: Un Fleau pour les pays en Développement"
J. Deuse

Discussion

Presentation: "Pesticide Legislation in East and
Southern Africa" J. Jensen

Presentation: "A Partial Review of Other Efforts
in the Harmonization of Pesticide Legislation" D. Campt

Afternoon

Participants' Presentations of Country Reports on the
Current Status of Pesticide Regulation:

Benin

Burkina Faso

Guinea

Guinea-Bissau

Mali

Niger

Senegal

Togo

(N.B.: Due to their arrival after the completion of
this session, the representatives of Madagascar
and Chad were obliged to present their reports
outside of the session, in the Working Group).

Saturday, April 13

Morning

Summary of Presentations and Discussion: B. Philogene

Completion of work in plenary session

Introduction and organization of working group: led
by E. Weiler

Selection of Chairperson, Rapporteur and drafting
committee:

Chairperson: Mme. Kane

Rapporteur: M. Scuntera

Drafting Committee: Mme. Favi

M. Conte

M. Sountera

(N.B.: Due to the smaller than anticipated numbers
involved, participants decided to form a single
working group).

The working group addressed the following questions:

1) Which of the elements of an ideal control system
may be considered the minimum necessary for
effective control?

2) Taking into account:

the fact that many countries already possess
relevant legislation, and

the elements identified in Discussion Question

No. 1 above,

What are the prospects for harmonization of regulatory systems among the countries represented at this workshop?

3) What are the appropriate institutional mechanisms for administering the diverse aspects of a pesticide regulatory system?

Afternoon

Free

Monday, April 15

Beginning of working group activities (aided by invited experts)

Presentation of the structure of Crop Protection Services, along with a brief review of the principle current problems in the participating countries (this exercise undertaken to facilitate responses to the Discussion Questions...refer to "Summary Table" in Annex F).

General discussion

Discussion on Question No. 1

Afternoon

Continuation of discussion on Question No. 1

Tuesday, April 16

Morning

Summary of the discussion: M. Sountera

Discussion of the basic elements of legislation
(based on the comments of several experts, this
discussion was preceded by a clarification of
the difference between legislation and regulation)

Discussion on Question No. 2

Discussion on Question No. 3

Afternoon

Technical visit to the port and storage facilities

Wednesday, April 17

Morning

Review of the Discussion on Question No. 3

Recasting the responses to Discussion Questions Nos.
1 and 2 in the form of Recommendations (by the
by the Drafting Committee, on behalf of the working
group

Formulation of Recommendations

ANNEX E

SUMMARY OF THE CURRENT SITUATION OF PESTICIDE
UTILISATION AND REGULATION

(APRIL, 1985)

- 1) Summary of laws or decrees relating to pesticide regulation
- 2) Organizations in charge of controlling the different aspects of regulation
- 3) Structure of:
 - 3a) the main crops
 - 3b) the principal pest and disease problems
 - 3c) the principal pesticides used
- 4) Principal problems in plant protection in the area of regulation
- 5) Role of technical assistance needed

BENIN

- 1) Law # 64-101 from 1963 forbidding the unauthorized import, within the national territory, of plants or parts of plants which might contaminate the crops (non-functional).
- 2) Ministry of Rural Development and Copoperative Action
 - 3a) Millet, sorghum, corn, coffee, cocoa, cotton
 - 3b) Locusts, birds attacking the industrial crops (coffee, cocoa)
 - 3c) Dieldrine 20% ULF, Fenitrothion, Carbamates, synthetic pyrethroids
- 4) Department lacking in structure
- 5) Assistance for restructuring the Plant Protection Service

BURKINA FASO

- 1) Currently under study
- 2) Pesticide Service, Ministries of Agriculture and Breeding
 - 3a) Millet, sorghum, corn, rice, cotton
 - 3b) Locusts, millet head caterpillars, granivorous birds, cotton insects
 - 3c) Decis, Basudine, Furadan, TMTD, Actellic, Cyproal, Cymbusch, Nuvacron, Sumicidin, Kitajine, Rasumin
- 4) Plant Protection Service financed by ACDI
- 5) Assistance for setting up a functional structure for legislation

GUINEA

- 1) --
- 2) Ministry of Agricultural Development
 - 3a) Rej. (sic), corn, fonio, cassava, coffee
 - 3b) Armyworm, birds, locusts (Zonocerus), stored food insects
 - 3c) Sumithion, Dimethoate, Actellic
- 4) Service needs restructuring to be more operational
- 5) Assist in the restructuring of the Plant Protection Service

GUINEA BISSAU

- 1) Currently under study
- 2) Ministry of Rural Development and of Fisheries
 - 3a) Rej. (sic), cassava, sorghum, millet, corn
 - 3b) Insects of millet, corn and coffee, cassava mosaic
 - 3c) Malathion 50% CE, Dimethoate 50% CE, Decamethrine 2, 5% CE and ULV, Propoxur 70%, Carbofuran 105, Anidane, Phostoxin
- 4) Lack of a framework in this area
- 5) Restructuring, training

MADAGASCAR

- 1) Project Decree on the creation of a National Pesticides Approval Committee, 1976 (never enforced)
- 2) --
- 3a) Rice, sugar cane, soybean, cotton
- 3b) Migratory locust
- 3c) Dimecron 100, Sumithion, DDT
- 4) Little operational structure
- 5) --

MALI

- 1) Decree No. 84 MAEF on April 13, 1959, forbidding the sale on the territory of the Republic of Mali of certain products used for plant protection.

Decree No. 178 SEAEFF on July 2, 1960, which made mandatory the control of certain crop pests in Mali.

Decree No. 182 SEAEFF on July 6, 1960, instituting a phytosanitary control of the imports and exports of plants and vegetable products (text currently being revised)
- 2) Ministry of Agriculture and Ministry of Finance
- 3a) Millet, sorghum, rice, corn, cotton, groundnut
- 3b) Insects on cotton, locusts, grasshoppers, cantharids, borers, armyworm, caterpillars in millet
- 3c) Propoxur, Sumithion, Cyanophos, Sumicombi, Decis, Diazinon, Actellic, Phostoxin
- 4) Lack of skilled personnel in the area of pesticide regulation
- 5) Restructuring of the Plant Protection Service, including the establishment or a functional regulation service.

NIGER

- 1) Decree No. 60.205 MA/F of October 20, 1960, instituting the conditions for importing, within the territory of the Republic of Niger, plants and other materials which might introduce organisms dangerous to crops.

Order No. 008/MER/AG. of October 15, 1968, instituting the implementation of phytosanitary legislation in the Republic of Niger (relating to the import of plants via airports in Niamey and Zinder).

- 2) Ministry of Rural Development

- 3a) Millet, sorghum, rice

- 3b) Locusts, grasshoppers, birds, caterpillars, cantharids

- 3c) Fenitrothion, Fenthion, Dimethoate, Synthetic Pyrethroids, Lindane, Propoxur

- 4) Problems in pesticide analysis; service working in collaboration with GTZ ACDI

- 5) Assistance to closely delimit all aspects of plant protection, including legislation.

SENEGAL

- 1) Law 84-14 of February 2, 1984 regarding the control of agropharmaceutical patents and similar patents.

Decree No. 84-503 of February 5, 1984 instituting the implementation of Law 84-14.

- 2) National Registration Committee

- 3a) Millet, sorghum, groundnut, rice, horticultural crops

- 3b) Locusts, birds, borers, millet head caterpillars

- 3c) HCH, Diazinon, Fenrethion (sic), Propoxur, Cypermethrin, Endosulfan, Sumicombi (Fenitrothion + Fenvalerate)

- 4) Analysis of the products

- 5) Phytopharmaceutical training

TOGO

- 1) Regulation project currently under study
- 2) Ministry of Rural Development, Ministry of Rural Equipment
- 3a) Millet, corn, cotton, groundnut, coffee, cocoa, stored foods
- 3b) Criquet puant (sic), cowpea insects, stored food insects
- 3c) Fenitrothion, Cypermethrine, Dimethoate, Chlorpyrifos
- 4) Legislative project currently under study
- 5) Decide to closely delimit the legislative problems, to set up an operational structure

CHAD

- 1) Nothing
- 2) Ministry of Rural Development
- 3a) Millet, sorghum, corn, groundnut, cotton, bean
- 3b) Locusts, birds, African migratory grasshopper, various caterpillars, Diparopsis and Earias (bollworms)
- 3c) Pephrothion (DDT + Endosulfan + Methyl parathion), Decis, Malathion, Dieldrin, HCH
- 4) Needs restructuring
- 5) Decide to restructure the Plant Protection Service to make it operational

ANNEX F

FAO GUIDELINES AND MODEL SCHEME FOR THE ESTABLISHMENT
OF NATIONAL ORGANIZATIONS FOR THE
REGISTRATION AND CONTROL OF PESTICIDES

The FAO model scheme addresses the following elements:

- pesticide laws
- the establishment of a regulatory organization
- phased registration
- data requirements for registration and some considerations on harmonization of registration
- labelling and packaging
- post-registration data requirements for monitoring purposes
- quality control

training programs and extension of good agricultural practices

establishment of poison information and control centers

ANNEX G

GENERAL REMARKS BY THE CHAIRMAN AT THE CLOSE OF WORK

In tomorrow's closing ceremonies, I will summarize our work in this workshop for the benefit of those who could not be in attendance. However, as we bring our work to a close, I would like to return to a theme which was first addressed during the first day of our Workshop...the so-called "lack of will" on the part of national political leaders concerning the regulation of pesticides.

During the course of this workshop you, the national participants, have given me to understand that rather than a "lack of will" there is perhaps a failure on the part of these leaders to fully appreciate the magnitude of the problem posed by the unregulated distribution and use of pesticides.

With regard to the technical aspects you, the national participants, are as familiar with the principal problems as are our invited experts. Therefore, upon returning to your countries, it falls upon each of you to sensitize the decision makers to the need for effective pesticide regulation. I hope that the work which we have done in this workshop can assist you in accomplishing this task.

It is my feeling that for you the participants a principal benefit of this workshop arises from the fact that, from now on, you are part of an international network of people concerned with the judicious use of pesticides. Henceforth it is your duty to tell us how we might be of use to you.

Finally, I wish to thank you all for your kind attention during the past eight days.

ANNEX H

CLOSING REMARKS BY E. WEILER

Ladies and Gentlemen, Honored Representative of the Member of the Central Committee, the Minister of Rural Equipment:

For the benefit of those who could not attend our Workshop, I would like to give a brief summary of our work. Briefly, we had:

- lectures by invited experts,
- national reports relating to the current situation in each country represented,
- discussions among the country participants on key questions which were developed on the basis of problems raised by the national reports.

Although all of the recommendations made by the national participants merit consideration, it seems to me that one is of primary importance. This is the recommendation regarding the establishment of a pesticide regulatory system. According to the participants, the minimal elements to be established at the country level are the following:

- definition of the elements of legislation and regulation,
- inventory and registration of products based on all of the information already available in the countries where the product manufactured and/or commonly used,
- control with respect to formulation and packaging,
- efficacy testing of the products,
- providing lists of approved products to the departments concerned and depositing them at the borders to allow control,
- periodic dialogue between neighboring countries relating to the harmonization of pesticide regulation.

The achievement of these recommendations depends as much upon the political will of the countries concerned as upon the provision of funds by donor organizations. Although I cannot speak on behalf of the donor

community, as an economist I am aware that economic conditions in the world today do not favor the undertaking of large scale, very expensive projects.

Furthermore, I must tell you that overall the current problems regarding pesticide regulation are not technical. Rather it is a matter of sensitizing those who are in power. For that purpose, our Workshop will have an important impact.

Throughout these days, the country participants worked together with an impressive sense of unity. Within this Workshop a great deal was said about the need for harmonization among the countries concerned in order to improve pesticide control. If it is true, as I believe, that regional harmonization can only be achieved through a spirit of mutual assistance at the individual level, then one can say that this Workshop achieved its objective in this area.

Finally, I wish to thank the country participants, the invited experts, the observers and the Government of Togo for giving me the opportunity to serve them.

I thank you.

ANNEX I

CLOSING REMARKS BY M. KOMI ADZOMADA

(Representing H. Ex. M. Samon KORTHO,
Minister of Rural Equipment)

To:

- the Representative of the United States Environmental Protection Agency,
- the Representative of the German Organization for Technical Cooperation (GTZ),
- the Experts from International Organizations,
- the Honored Delegates,
- the Directors and Chiefs of the Service,
- Ladies and Gentlemen:

The West African International Workshop on Pesticide Legislation is now drawing to a close. Having followed all phases of your discussions with great interest, we are convinced that the brilliant presentations by the eminent experts have enabled you to better grasp all of the dimensions of the problem of pesticides.

Indeed, these pest control substances today pose a very complex problem.

The different forms of fraud, counterfeit and falsification, the circulation in our countries of products which are forbidden elsewhere, the uncontrolled flow of toxic substances into our environment, the residues of pesticides on foods...these were among the themes which you addressed in your discussions.

I am pleased to congratulate you on the quality of the work accomplished in the course of this assembly, and I rejoice that our seminar placed a particular emphasis on the necessity for a joint effort in pesticide legislation and regulation to reduce the risks at all levels.

It is upon you, honorable delegates, that the responsibility rests to initiate this legislation and to bring together the Ministries concerned and the governmental and non-governmental organizations which deal, directly or indirectly, with crop protection products and to sensitize those who are responsible for these functions to the problems associated with pesticides.

We appreciate your sense of objectivity and realism in defining the minimum essential regulatory elements for the control of these products at all levels.

Honorable delegates,

We are persuaded that the honesty and sincerity which were evident throughout all of the discussions, and which permitted very fruitful exchanges with the experts, have been enlightening to you and have armed you for an ever increased vigilance.

We hope that this workshop has contributed to reinforcing the relations which have developed among you and to creating at the level of our countries a general harmonization with respect to issues of plant protection in general and pesticide legislation in particular.

We wish to extend our very sincere thanks to the organizers, particularly USAID and GTZ, for their support, without which this workshop could not have taken place.

We also thank Mr. Weiler and Mrs. Jensen for the perfection with which they organized and ran this assembly.

I would like to present our gratitude to the experts from the international organizations for their positive contribution, without which you could not have achieved the objectives which you set.

In return, we would like to count on your indulgence and understanding for the imperfections, to which you will attest, in the organization of this meeting or in our hospitality.

We hope that, despite your busy program, you had the opportunity to appreciate some of the important elements of progress which have been realized in our country, and the efforts which the government has made in the area of environmental protection, which represents the theme of your workshop.

Ladies and Gentlemen,

In declaring closed this Workshop on Pesticide Legislation in West Africa, I wish you all a good journey back to your respective countries.

Long live international cooperation.