

PROGRAMA SANIDAD VEGETAL

197 JUL 1987
IICA - 61111



REPORT ON THE FIRST REGIONAL COURSE
FOR
PLANT QUARANTINE INSPECTORS
IN
THE CARIBBEAN

IICA





IICA-CIDIA

Centro Interamericano de
Documentación e
Información Agrícola

07 OCT 1987

IICA — CIDIA

// **REPORT ON THE FIRST REGIONAL COURSE** ✓
FOR
PLANT QUARANTINE INSPECTORS ✓
IN
THE CARIBBEAN

00006877

IIA
HOI
IS9re

~~BU-11117~~

1

1

INTRODUCTION

The first course for Plant Quarantine Inspectors in the Caribbean was held from October 18 - 29th, 1982 at the Normandie Hotel, Port-of-Spain, Trinidad and Tobago. The course was sponsored by The Ministry of Agriculture, Lands and Food Production Trinidad and Tobago and The Inter-American Institute for Cooperation on Agriculture (IICA) with assistance from The Animal and Plant Health Inspection Service (APHIS) of The United States Department of Agriculture (USDA) and The University of the West Indies (UWI).

The course was opened by Dr. Patrick Alleyne, Permanent Secretary of the Ministry of Agriculture, who substituted for the Honourable Minister, Mr. Kamaluddin Mohammed, who was unable to attend but sent his best wishes to the meeting.

In his opening remarks, the Chairman of the opening session, Dr. Ronald Barrow pointed out that a regional course for plant quarantine inspectors had been on the drawing board since 1967, and he was pleased to see that at last the course was being held. Dr. E. Patrick Alleyne welcomed the participants and expressed the concern of his Ministry with the ever increasing number of pests and diseases in the region. He wished the course well and declared the course open.

OBJECTIVES OF THE COURSE

The objectives of the course were as follows:

1. To develop and foster among Plant Quarantine Inspectors of the Region an awareness of their mutual responsibility to keep the Caribbean free from foreign pests and diseases.

OBJECTIVES OF THE COURSE cont'd

2. To improve the skills of Plant Quarantine Inspectors in the detection and treatment of plant pests and diseases which pose a threat to Caribbean Agriculture from either regional or extra-regional sources.
3. To improve communication between Plant Quarantine Inspectors of various territories of the region.
4. To form the basis for the preparation of a Caribbean Plant Quarantine Training Manual.

THE COURSE PROGRAMME

The programme is outlined in Appendix I. A few minor changes were made during the course. In addition to the programmed subjects, four hypothetical cases were studied. These are given in Appendix 2. The students expressed considerable satisfaction from the information gained during consideration of the cases. The handouts and other information provided in the course was incorporated with a working reference manual by all students.

PARTICIPANTS AND LECTURERS

The list of participants and lecturers were as in Appendix 3. Participants came from Barbados, Dominica, Grenada, Guyana, Haiti, Jamaica, Surinam and Trinidad and Tobago

EVALUATION

The course was evaluated by two questionnaires. Sample copies of these are attached as Appendix 4 and Appendix 5.



FINAL EXAMINATION

A final examination was held. A copy of the examination paper is given in Appendix 6. All participants successfully completed the examination with five of the thirteen getting a mark of over 80%.

CLOSING SESSION

Dr. E. Patrick Alleyne, presented certificates a sample of which is shown in Appendix 7, to all participants and the course ended on Friday 29th October, 1982.

1

PROGRAMME: FIRST REGIONAL COURSE FOR PLANT QUARANTINE
INSPECTORS IN THE CARIBBEAN

APPENDIX 1

MONDAY, 18th OCTOBER, 1982

8.00 - 9.00 a.m.	REGISTRATION	
9.00 - 10.00 a.m.	OPENING CEREMONY	
	Chairman:	Dr. Ronald Barrow <i>Director of Crop Research Central Experiment Station Ministry of Agriculture, Lands and Food Production, Trinidad and Tobago</i>
	Introductory Remarks	Dr. Warren Forsythe <i>Acting Director IICA Office in Trinidad and Tobago</i>
	Opening Address	The Hon. Kamaluddin Mohammed <i>Minister of Agriculture, Lands and Food Production, Trinidad and Tobago</i>
10.00 - 10.30 a.m.	COFFEE BREAK	
10.30 - 11.00 a.m.	The importance of plant quarantine training in Caribbean Agriculture	Dr. Chelston W.D. Brathwaite <i>Regional Plant Protection Specialist IICA Office in Trinidad and Tobago</i>
11.00 - 12 noon	The history and principles of plant quarantine	Mr. John Thaw, <i>Leader International Training Section APIIS/USDA</i>
12 noon-1.30 p.m.	LUNCH	
1.30 - 2.30 p.m.	The international plant protection convention and plant quarantine systems in various parts of the world	Mr. John Thaw <i>APIIS/USDA</i>
2.30 - 3.30 p.m.	The legal framework of plant quarantine systems and plant quarantine laws and regulations in the Caribbean	Dr. Winston Small <i>Plant pathologist Systems, Barbados</i>

APPENDIX 1 cont'd

MONDAY, 18th OCTOBER, 1982 (Cont'd)

3.30 - 4.00 p.m. COFFEE BREAK

4.00 - 5.00 p.m. Plant quarantine laws and regulations in the Caribbean -
Discussion Session
Dr. Winston Small
Moderator

TUESDAY, 19th OCTOBER

8.30 - 10.00 a.m. The preparation of a plant quarantine Manual
Dr. Winston Small
Plant Pathologist
Systems, Barbados

10.00 - 10.30 a.m. COFFEE BREAK

10.30 - 12 noon The importance of records and systems of record keeping in effective plant quarantine
Mr. John Thaw
APHIS/USDA

12 noon-1.30 p.m. LUNCH

1.30 - 3.00 p.m. Public relations and the image of the plant quarantine inspector -
Discussion session
Dr. C.W.D. Brathwaite
Coordinator

3.00 - 3.30 p.m. COFFEE BREAK

3.30 - 4.30 p.m. Plant Quarantine and Customs -
Discussion Session
Coordinator
Mr. S. Lewis
Agricultural Officer
(Plant Quarantine)
Central Experiment Station
Centeno, Trinidad

WEDNESDAY, 20th OCTOBER

8.30 - 10.00 a.m. Insects of plant quarantine significance in the Caribbean
Dr. Gene V. Pollard
Entomologist
University of the West Indies

APPENDIX 1 cont'd

WEDNESDAY, 20th OCTOBER, 1982 (Cont'd)

- | | | |
|--------------------|--|--|
| 10.00 - 10.30 a.m. | C O F F E E B R E A K | |
| 10.30 - 12 noon | The taxonomy of insects using a simple key | Dr. G.V. Pollard, <i>UWI</i> and
Mr. John Thaw, <i>APHIS/USDA</i> |
| 12 noon-1.30 p.m. | L U N C H | |
| 1.30 - 3.00 p.m. | Symptoms of insect damage and the nature of insect forms likely to be encountered by plant quarantine inspectors | Dr. G.V. Pollard, <i>UWI</i> |
| 3.30 - 5.00 p.m. | Discussions on insects | Dr. G.V. Pollard, <i>Moderator</i> |

THURSDAY, 21st OCTOBER

- | | | |
|--------------------|---|---|
| 8.30 - 10.00 a.m. | Mites of plant quarantine significance | Dr. Ronald Barrow
<i>Central Experiment Station
Centeno, Trinidad</i> |
| 10.00 - 10.30 a.m. | C O F F E E B R E A K | |
| 10.30 - 12 noon | Nematodes of plant quarantine significance in the Caribbean | Mr. George Bala, <i>Nematologist
Central Experiment Station
Centeno, Trinidad</i> |
| 12 noon-1.30 p.m. | L U N C H | |
| 1.30 - 3.00 p.m. | The detection and treatment of nematode infested cargo | Mr. George Bala
<i>Central Experiment Station
Centeno, Trinidad</i> |
| 3.00 - 3.30 p.m. | C O F F E E B R E A K | |
| 3.30 - 4.30 p.m. | The control of plant parasitic nematodes | Dr. C.W.D. Brathwaite
<i>IICA</i> |

APPENDIX 1 cont'd

FRIDAY, 22nd OCTOBER

8.30 - 10.00 a.m.	Plant diseases of plant quarantine significance in the Caribbean	Dr. Chelston W.D. Brathwaite <i>IICA</i>
10.00 - 10.30 a.m.	C O F F E E B R E A K	
10.30 - 12 noon	The detection of plant diseases in cargo (seeds, plant material, nursery stock, etc.)	Miss Gita Persad, <i>Plant Pathologist</i> <i>Ministry of Agriculture, Centeno</i>
12 noon-1.30 p.m.	L U N C H	
1.30 - 3.00 p.m.	Controlling plant diseases	Miss Gita Persad and Mr. Garth Rajnauth <i>Ministry of Agriculture, Centeno</i>
3.00 - 3.30 p.m.	C O F F E E B R E A K	
3.30 - 4.30 p.m.	Discussion on plant diseases	Miss Gita Persad, <i>Moderator</i> Garth Rajnauth and Chelston W.D. Brathwaite

MONDAY, 25th OCTOBER

8.30 - 10.00 a.m.	Plant quarantine treatments - methodologies, safety monitoring	Mr. John Thaw <i>APHIS/USDA</i>
10.00 - 10.30 a.m.	C O F F E E B R E A K	
10.30 - 12 noon	Fumigation - methodology and techniques	Mr. John Thaw <i>APHIS/USDA</i>
12 noon-1.30 p.m.	L U N C H	
1.30 - 3.00 p.m.	The use of pesticides in plant quarantine safety measures	Mr. John Thaw <i>APHIS/USDA</i>
3.00 - 3.30 p.m.	C O F F E E B R E A K	

APPENDIX 1 cont'd

MONDAY, 25th OCTOBER, 1982 (Cont'd)

3.30 - 4.30 p.m. Discussion on pesticides Mr. John Thaw
APHIS/USDA

TUESDAY, 26th OCTOBER

Field trip to ports of entry in Trinidad and Tobago and discussion on plant quarantine in Trinidad and Tobago
*Coordinators -
Dr. R. Barrow and
Mr. S. Lewis
Ministry of Agriculture, Trinidad*

WEDNESDAY, 27th OCTOBER

Laboratory sessions/field trip on diagnosis of pests and diseases
*Miss G. Persad
Dr. G.V. Pollard
Mr. G. Rajnauth
Mr. S. Lewis
Mr. G. Bala*

THURSDAY, 28th OCTOBER

8.30 - 10.00 a.m. Plant pests and diseases which threaten Caribbean agriculture from regional sources
*Coordinator -
Dr. C.W.D. Brathwaite*

10.00 - 10.30 a.m. COFFEE BREAK

10.30 - 12 noon Plant pests and diseases which threaten Caribbean Agriculture from regional sources (continued)
*Coordinator -
Dr. C.W.D. Brathwaite*

12 noon-1.30 p.m. LUNCH

1.30 - 3.00 p.m. Pests and diseases which threaten Caribbean agriculture from extra-regional sources
*Dr. C.W.D. Brathwaite, IICA
Mr. John Thaw, APHIS/USDA and
Mr. R. Montoya, IICA*

3.00 - 3.30 p.m. COFFEE BREAK

APPENDIX 1 cont'd

THURSDAY, 28th OCTOBER, 1982 (Cont'd)

3.30 - 4.30 p.m. Pests and diseases which threaten Caribbean agriculture from extra-regional sources (continued) Dr. C.W.D. Brathwaite, IICA
Mr. John Thaw, APHIS/USDA and
Mr. R. Montoya, IICA

FRIDAY, 29th OCTOBER

8.30 - 10.00 a.m. The phytosanitary certificate Mr. John Thaw, APHIS/USDA

10.00 - 10.30 a.m. COFFEE BREAK

10.30 - 12 noon Sources of information in plant quarantine Dr. C.W.D. Brathwaite

12 noon-1.30 p.m. LUNCH

1.30 - 3.00 p.m. Review and evaluation Mr. John Thaw, APHIS/USDA and
Dr. C.W.D. Brathwaite, IICA

3.00 - 3.30 p.m. COFFEE BREAK

3.30 - 4.00 p.m. Closing session Chairman: Dr. C.W.D. Brathwaite
Presentation of Certificates and closing remarks Dr. Patrick Alleyne
Permanent Secretary
Ministry of Agriculture, Lands and Food Production, Trinidad and Tobago

**REGIONAL COURSE FOR PLANT QUARANTINE INSPECTORS
IN THE CARIBBEAN**

CASE STUDIES

- 1. A traveller arrives into your country with fruitfly-infected fruit. The fruitfly is the same species as one currently in your country. What action would you take and why?**
- 2. A scientist from abroad has applied to your government to carry out research on a disease of apples in your country. The crop is not grown in your country and there are no known hosts of the pathogen in your country. Prepare an outline indicating what advice you would give to your government in response to this application.**
- 3. A former english literature teacher has joined the plant quarantine division of your Ministry, you have been assigned responsibility for his/her orientation, write out the first speech which you will give him/her on the importance of plant quarantine as it relates to regional trade and regional travel.**
- 4. You were the plant quarantine inspector who confiscated citrus plants in soil from an importer. The importer has taken the case to court insisting that the citrus plants were not infested with pests, prepare a statement for your lawyer quoting the relevant section of the law under which you acted and give details of the observed or suspected pests which led you to act as you did.**

Faint, illegible text, possibly bleed-through from the reverse side of the page. The text is scattered across the page and is too light to read accurately.

;

FIRST REGIONAL COURSE FOR PLANT QUARANTINE INSPECTORS
IN THE CARIBBEAN

APPENDIX 3

LIST OF PARTICIPANTS

<u>NAME</u>	<u>WORK ADDRESS</u>	<u>HOME ADDRESS</u>
ALEXANDER, WINSTON	Ministry of Agriculture St. George's GRENADA	Grand Bacolet St. Andrew GRENADA
AZIZ, MOHASAN	Plant Quarantine Division Ministry of Agriculture TRINIDAD & TOBAGO	Sangre Chiquito Sangre Grande TRINIDAD
BALTHAZAR, SAINPHOR	Service Recherche Agricole DARNDR, Port-au-Prince HAITI	Ave Martin-LutherKing Impasse Bien Aruie 43 Port-au-Prince HAITI
EMMANUEL, CHARLES	Plant Quarantine Division Ministry of Agriculture TRINIDAD & TOBAGO	Thompson Road Palmiste Village TRINIDAD
HUNTE, EVERTON	Plant Protection Division Ministry of Agriculture BARBADOS	"Everose" Congo Road St. Philip BARBADOS
OMADATH, CHURAMAN	Plant Quarantine Division Ministry of Agriculture TRINIDAD & TOBAGO	Ramoo Trace Las Lomas No. 2 Arouca TRINIDAD
POMPEY, CALEB	Plant Quarantine Division Ministry of Agriculture GUYANA	Timehri, Eastbank Demerara GUYANA
PREVATT, ANTONIO	Plant Quarantine Division Ministry of Agriculture TRINIDAD & TOBAGO	5, Petunia Ave Coconut Drive Morvant TRINIDAD
RAGOO, PATRICK	Department of Crop Science Faculty of Agriculture University of the West Indies St. Augustine TRINIDAD & TOBAGO	79 El Dorado Road Tunapuna TRINIDAD

MEMORANDUM

TO: [Illegible]

FROM: [Illegible]

DATE: [Illegible]

SUBJECT: [Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

SIMPSON, JASCINTHA	Plant Protection Division Ministry of Agriculture Hope Gardens JAMAICA	Richmond Park P.O. Clarendon JAMAICA
SINGH, RAGOBIK	Plant Quarantine Division Ministry of Agriculture TRINIDAD AND TOBAGO	19 Thomasos Terrace Road Arima TRINIDAD
TEVREDE, HARRYSON	Plant Quarantine Inspector Department of Agriculture Paramaribo SURINAME	Ie Moengo Projekt 58 Middenpad Kwatta Distrikt SURINAME
THOMAS, MICHAEL	Agricultural Assistant Botanical Gardens Roseau DOMINICA	14 Solomon Lane Goodwill Roseau DOMINICA

LECTURERS

DR. RONALD BARROW Director of Crop; Research Ministry of Agriculture, Lands & Food Production TRINIDAD AND TOBAGO	MR. GEORGE BALA Nematologist Ministry of Agriculture, Lands & Food Production TRINIDAD AND TOBAGO
DR. CHELSTON W.D. BRATHWAITE Regional Plant Protection Specialist IICA, 3A Queen's Park West Port of Spain TRINIDAD AND TOBAGO	MR. SHERWIN LEWIS Agricultural Officer (Plant Quarantine) Ministry of Agriculture, Lands & Food Production TRINIDAD AND TOBAGO
MR. COLVIN PADMORE Training Officer III Central Training Unit Personnel Division GOVERNMENT OF TRINIDAD & TOBAGO	MISS GITA PERSAD Plant Pathologist Ministry of Agriculture, Lands & Food Production TRINIDAD & TOBAGO

SECRET

CONFIDENTIAL

CONFIDENTIAL

SECRET

CONFIDENTIAL

CONFIDENTIAL

SECRET

CONFIDENTIAL

CONFIDENTIAL

SECRET

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

SECRET

CONFIDENTIAL

SECRET

CONFIDENTIAL

SECRET

CONFIDENTIAL

SECRET

CONFIDENTIAL

SECRET

CONFIDENTIAL

DR. GENE V. POLLARD

**Entomologist
Department of Biological Sciences
University of the West Indies
St. Augustine
TRINIDAD AND TOBAGO**

DR. WINSTON SMALL

**Plant Pathologist
Systems
BARBADOS**

MR RAMON MONTOYA

**Regional Plant Protection Specialist
IICA Office
Lima
PERU**

MR. GARTH RAJNAUTH

**Agricultural Officer (Plant Pathology)
Ministry of Agriculture, Lands &
Food Production
TRINIDAD AND TOBAGO**

MR. JOHN THAW

**International Training Section Leader
Animal and Plant Health Inspection
Service, U.S.D.A.
195 Thomas Johnson Drive
Frederick, Maryland
U.S.A.**

1947

1948

1949

1950

1951

1952

1943

1944

1945

1946

1947

1948

1949

1950

1951

1952

EVALUATION OF REGIONAL PLANT QUARANTINE COURSE

EVALUATION NO. I

INSTRUCTIONS:

Place an X under the class that you think the lecture or presentation falls into. More than one X can be used for a particular lecture e.g. a lecture may be good to know and relevant to your work and you would like to have spent more time on the subject. With respect to the presentation category use the following ratings

- 1 - Boring
- 2 - Could be improved
- 3 - Adequate
- 4 - Very Good
- 5 -, Stimulating

Material
were Good
Bad (B)

have spent
more time
on this
subject

(3)

(a.

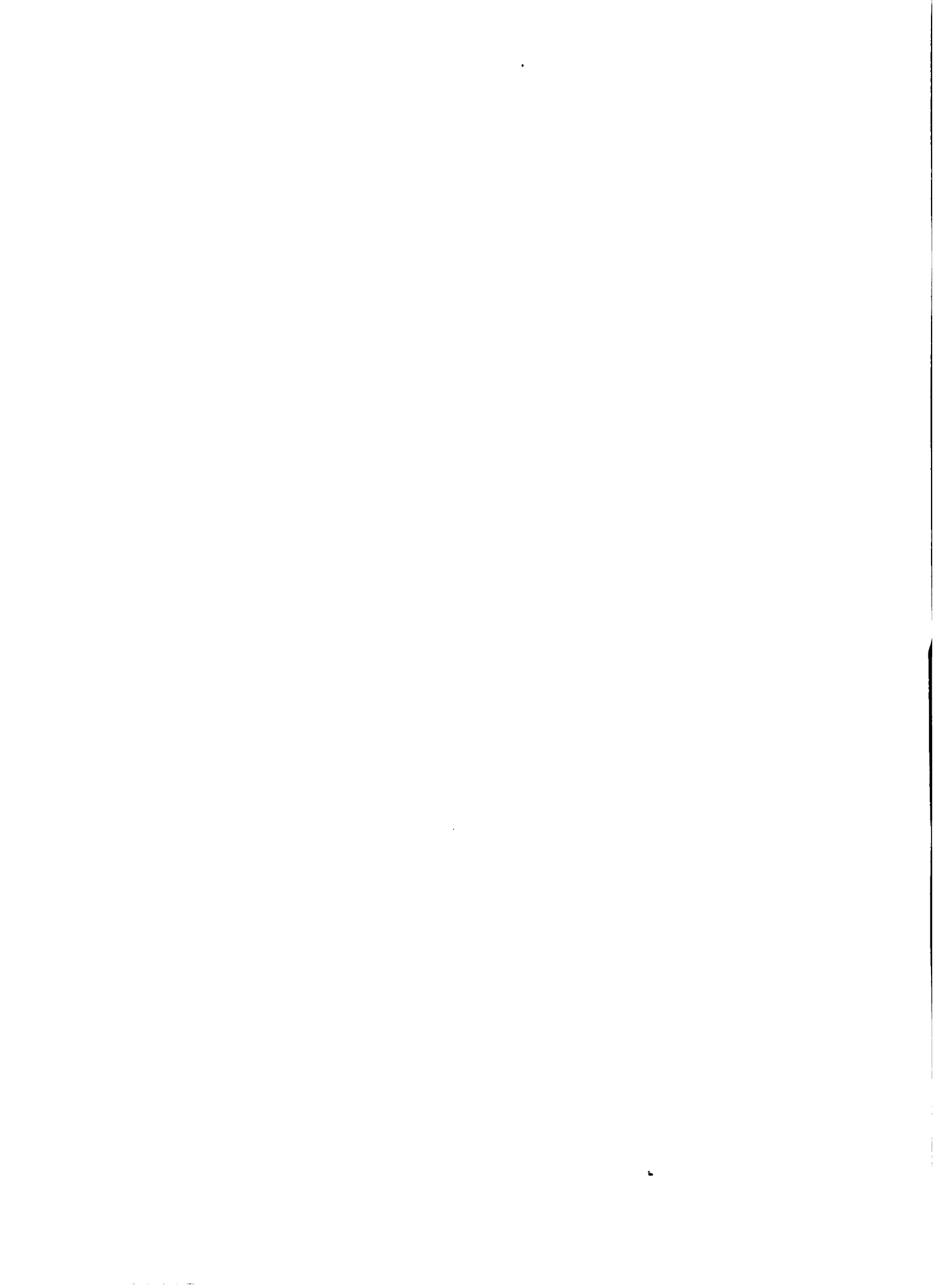
COMMENTS:-

(b) To improve
and treatm
Caribbean A



excellent

COMMENTS:-



FIRST REGIONAL COURSE FOR PLANT QUARANTINE INSPECTORS
IN THE CARIBBEAN

APPENDIX 5

EVALUATION NO. 2

Whenever in this evaluation the category "could be improved" is marked please give comments and suggestions for improvement.

1) General Organization of the Course

- could be improved
 good
 excellent

COMMENTS:-

(2) Sequence and Organization of the Material of the Course

- could be improved
 good
 excellent

COMMENTS:-

(3) The extent to which the course achieved its objectives

- (a) To develop and foster among Plant Quarantine Inspectors of the region an awareness of their mutual responsibility to keep the Caribbean free from foreign pests and diseases.

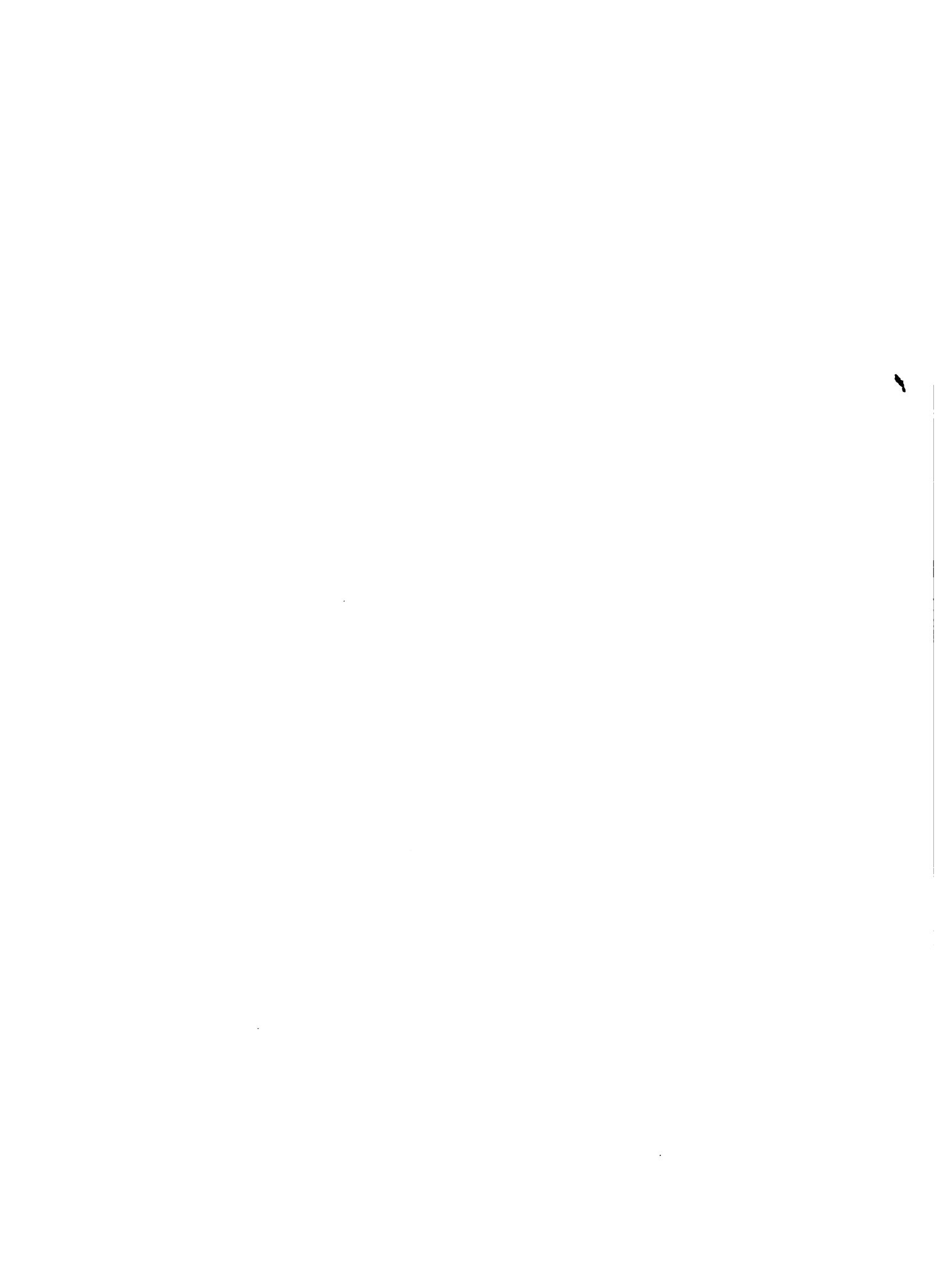
- could be improved
 good
 excellent

COMMENTS:-

- (b) To improve the skills of Plant Quarantine Inspectors in the detection and treatment of plant pests and diseases which pose a threat to Caribbean Agriculture from either regional or extra-regional sources.

- could be improved
 good
 excellent

COMMENTS:-



EVALUATION NO. 2

-2-

(c) To improve communication between Plant Quarantine Inspectors of various territories of the region.

could be improved

good

excellent

COMMENTS:-

(d) To form the basis for the preparation of a Caribbean Plant Quarantine Training Manual.

could be improved

good

excellent

COMMENTS:-

FINAL EXAMINATION FOR FIRST REGIONAL COURSE FOR
PLANT QUARANTINE INSPECTORS IN THE CARIBBEAN
HELD IN TRINIDAD ON OCTOBER 29TH, 1982

1. Throughout the course, references have been made to six quarantine strategies employed by countries to protect their agriculture.

(a) State the six strategies

(b) State which strategies are used by your country and indicate the extent to which they are used (heavily dependent upon, only used occasionally, etc.)

(c) How might it be beneficial to your country to incorporate those strategies not now used, (give hypothetical examples) or increase the use of only sporadically used strategies?

2. Using the attached label for Diazinon AG500 and any materials given to you during this course to answer the following:

(a) What precautions should you take to

(1) Clean equipment _____

(2) dispose of empty containers _____

(3) dispose of unused pesticide _____

(b) What class of pesticide is this? _____

(c) Which of the following pesticide(s) would you store Diazinon AG500 with?

1. Malathion
2. Paraquat
3. Aldicarb
4. Pyrethrum

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is essential for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent data collection procedures and the use of advanced analytical techniques to derive meaningful insights from the data.

3. The third part of the document focuses on the role of technology in data management and analysis. It discusses how modern software solutions can streamline data collection, storage, and processing, thereby improving efficiency and accuracy.

4. The fourth part of the document addresses the challenges associated with data management, such as data quality, security, and privacy. It provides strategies to mitigate these risks and ensure that the data remains reliable and secure throughout its lifecycle.

5. The fifth part of the document concludes by summarizing the key findings and recommendations. It stresses the importance of ongoing monitoring and evaluation to ensure that the data management processes remain effective and aligned with the organization's goals.

3. Given a hypothetical situation, where you are required to inspect a shipment of fruits and rootcrops (including bananas, avocados, yams and sweetpotatoes) from a neighbouring Caricom island-

What would you do if:-

- (a) The yams and sweet potatoes show signs of rottings
 - (b) The root crops are packed in dried banana leaves
 - (c) The avocado fruits are bruised and soft
 - (d) There is soil still attached to the sweet potatoes
4. Outline the five (5) principles of public relations which should guide the plant quarantine inspector in the execution of his duties.
5. A fellow plant quarantine inspector calls you from his/her country and tells you by telephone that a ship is on its way to your country and the cargo contains the following pests and diseases.

1. Mites
2. Woodborers
3. Leaf cutting ants
4. Lethal yellowing disease
5. Fruit flies
6. Tristeza
7. Coffee rust
8. Black Sigatoka
9. Khapra Beetle
10. Giant African Snail

In which of the following commodities would you expect to find these pests and what symptoms or signs would assist you in your investigation. (Planting materials, fruit, packing material, seeds, general cargo, food)

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that proper record-keeping is essential for the integrity of the financial system and for the ability to detect and prevent fraud. The text also notes that records should be kept for a sufficient period to allow for a thorough audit.

2. The second part of the document outlines the specific requirements for record-keeping. It states that all transactions must be recorded in a clear and concise manner, and that the records must be accessible to all authorized personnel. The text also mentions that records should be stored in a secure and protected environment to prevent loss or damage.

3. The third part of the document discusses the role of the auditor in verifying the accuracy of the records. It notes that the auditor should perform a thorough review of the records to ensure that they are complete and accurate. The text also mentions that the auditor should report any discrepancies or irregularities to the appropriate authorities.

4. The fourth part of the document discusses the consequences of failing to maintain accurate records. It notes that failure to do so can result in severe penalties, including fines and imprisonment. The text also mentions that failure to maintain accurate records can damage the reputation of the organization and lead to a loss of trust from stakeholders.

5. The fifth part of the document discusses the importance of training and education in ensuring compliance with record-keeping requirements. It notes that all personnel involved in the financial system should receive appropriate training and education to ensure that they understand their responsibilities and the importance of accurate record-keeping.

6. The sixth part of the document discusses the role of technology in record-keeping. It notes that the use of electronic systems can improve the accuracy and efficiency of record-keeping. The text also mentions that electronic systems can provide a secure and protected environment for storing records.

7. The seventh part of the document discusses the importance of regular audits in ensuring compliance with record-keeping requirements. It notes that regular audits can help to identify any weaknesses or areas for improvement in the record-keeping process. The text also mentions that regular audits can help to ensure that the records are accurate and complete.

8. The eighth part of the document discusses the importance of transparency in record-keeping. It notes that transparency is essential for the integrity of the financial system and for the ability to detect and prevent fraud. The text also mentions that transparency can help to build trust and confidence among stakeholders.

9. The ninth part of the document discusses the importance of accountability in record-keeping. It notes that all personnel involved in the financial system should be held accountable for their actions. The text also mentions that accountability can help to ensure that the records are accurate and complete.

10. The tenth part of the document discusses the importance of continuous improvement in record-keeping. It notes that the record-keeping process should be regularly reviewed and updated to ensure that it remains effective and efficient. The text also mentions that continuous improvement can help to reduce the risk of errors and fraud.

Pest or disease

Commodity

Symptoms or signs

6. A shipment of yams infested with mealy bugs arrives from a neighbouring country and must be fumigated. What treatment would you recommend and why (finding out how long etc.)

FECHA DE DEVOLUCION

of your institution will
 be used for the purpose
 of your own work

IICA
 H01
 I59re
 Autor

Título Report on the first regional course for plant quarantine ...

Fecha Devolución	Nombre del solicitante





REC

APPENDIX 7

—
*Perman
Ministr,*







IICA

IMPRENTA IICA