ENTOMOLOGY SECTION

MINUTES OF THE BUSINESS MEETING HELD ON THE 28 JUNE, 1974, AT THE SASA EXPERIMENT STATION, MOUNT EDGECOMBE, SOUTH AFRICA

PRESENT: Dr A. W. Osborn (Australia): Chairman
Dr A. J. M. Carnegie (South Africa): Recording
Drs J. Dick (South Africa), Y. Itô (Japan),
R. D. Jackson (USA), J. P. O'Relly (Cuba),
Messrs A. F. Freyre (Cuban interpreter), A. Padua (Brazil),
S. W. Tan (Malaysia), O. Teran (Brazil).

MINUTES OF THE ENTOMOLOGY MEETING AT THE 14TH CONGRESS

These were read. Their acceptance was proposed, seconded and agreed.

MATTERS ARISING FROM THE MINUTES

a) Sugarcane Entomology Bibliography

The Chairman reminded the meeting that the purpose of the bibliography was essentially to build up a collection of literature for reference purposes, the interest being mainly in articles written since the publication of Pests of Sugar Cane (1966).

It was agreed that only worthy scientific articles be included, and that their inclusion be at the discretion of the Bibliography Committee Chairman. Articles should be submitted in duplicate and indexed by authors.

It was agreed that the bibliography should be housed at Houma, USA, and that Dr Jackson should be Bibliography Committee Chairman. It was agreed that Committee membership should be as follows:

Africa (including Mauritius, Réunion, Madagascar) —
Dr A. J. M. Carnegie
Asia — Dr Y. Itô
Australia — Dr A. W. Osborn
Caribbean — Dr J. P. O'Relly
India — Dr V. P. Rao
South America — Mr F. O. Teran
U.S.A. (including Hawaii) — Dr R. D. Jackson (Chairman)

b) Sugar Entomology Newsletter

It was agreed that an Entomology Newsletter be established with Dr Carnegie as editor. It should be a very informal communication, its objective being to keep sugarcane entomologists in touch with one another and with work progress. It is not intended as a medium for publication of scientific articles, but will be issued as a roneoed document whenever a sufficient number of contributions have been received. Regional Bibliography Committee members were asked to submit addresses for circulation in their areas. It would be issued initially from the Sugar Experiment Station at Mount Edgcombe, South Africa.

NEW BUSINESS

It was agreed that before the next congress Drs Carnegie and Dick would try to compile a glossary of common names of sugarcane pests, where they are used, and pest status of the insect concerned.
COMMITTEE MEMBERS FOR XVI ISSCT

Following a proposal by Mr Teran, it was agreed that Dr Jackson would be Chairman. Mr Teran was elected Vice-chairman.

VOTE OF THANKS

The new Chairman thanked Dr Osborn, Dr Carnegie and Mr Teran for all they had done towards the success of the Entomology sessions, and declared the meeting closed.

REPORT OF THE SPECIAL COMMITTEE ON MECHANICAL HARVESTING AND HANDLING OF SUGARCANE

The XIV ISSCT Congress held in Louisiana passed Resolution No. 6 concerning the Special Committee on Mechanical Harvesting and Handling of Sugarcane, which reads as follows:

"Whereas the harvesting and handling of sugarcane is a pressing and growing problem throughout the sugarcane world"; and

"Whereas the mechanisation of these operations is receiving extensive consideration in many areas"; and

"Whereas the Special Committee on Mechanical Cane Harvesting and Handling has developed much valuable and important data, techniques and information"; and

"Whereas the problems in these fields are not diminishing but instead are growing: BE IT THEREFORE RESOLVED that the Special Committee on Mechanical Harvesting and Handling continue its work in this field in the performance of the functions which it has been effectively carrying forward."

In due course, the following committee was appointed:

Mr George S. Bartlett (Chairman)
10 Linholme,
156 Chelmsford Road,
Durban. 4001
South Africa

Mr Joe E. Clayton,
P. O. Box 758,
Belle Glade,
Florida 33430, USA

Mr Warren O. Gibson
Engineering Department,
HSPA 1527 Keaumokie Street,
Honolulu, Hawaii 96822,
USA

Mr Wan Chun Hsu
Research and Development Committee,
Secretary General,
Taiwan Sugar Corporation,
25 Pao Ching Road,
Taipei, Taiwan 100,
Republic of China

(Region 3: Africa, Europe, Middle East, Mauritius, Malagasy, Réunion)

(Region 1: North and Central America and West Indies)

(Region 5: Hawaii)

Member (Region 4: Asia)
Mr. K. C. Leverington
Bureau of Experiment Stations,
99 Gregory Terrace,
Brisbane 4000, Australia

Mr. Luis A. R. Pinto
c/o Usina Santa Lydia,
PO Box 58,
Ribeirao Preto,
SP Sao Paulo State, Brazil

In its report to the XIV Congress in Louisiana, the Special Committee presented summaries of information received from persons actively involved in the mechanisation of sugarcane agriculture in twenty-four countries.

On presentation of this report at the Louisiana Congress, much discussion revolved around the problem of disseminating information on mechanical harvesting and cane handling among interested parties throughout the world. To this end, the Special Committee has endeavoured to bring together interested persons in this regard, and to promote the exchange of information between interested parties.

This involved preparing lists of the manufacturers of mechanical equipment and persons actively engaged in sugarcane production. (Appendices 1 and 2 respectively which were tabled at the meeting).

The mailing list of interested persons has been sent to all the manufacturers of equipment shown in Appendix 1, with the request that these people be kept informed of their products and developments in the field of mechanisation.

It was also felt that a bibliography of all papers relating to the mechanisation and handling of sugarcane should be established. An approach was made therefore, to all the Sugar Research Institutes appearing in Appendix 3, requesting them to submit to the Experiment Station of the South African Sugar Association at Mount Edgecombe, bibliographies of all related papers so that a master bibliography could be established. (This Appendix was tabled at the meeting).

This appears in Appendix 4, and it is hoped that this bibliography will be of help to those persons engaged in research and development. (This Appendix was also tabled).

No doubt there are many omissions from these lists, however, since many difficulties are experienced when communicating over the great distances involved. It is hoped that the XV Congress will stimulate still greater interest in this programme and thereby promote the interests of mechanisation in sugarcane agriculture.

MEETING OF THE SPECIAL COMMITTEE ON MEchanical HARVESTING AND HANDLING OF SUGARCANE

Acting on points raised at the end of the Agricultural Engineering Session when the report of the Special Committee on Mechanical Harvesting and Handling of Sugarcane was discussed, the Special Committee resolved as follows:
1) The bibliography of all papers relating to the mechanization and handling of sugarcane, of which a first draft was presented, should be expanded and improved to include as many references as possible. This bibliography should be mailed periodically to all interested parties. The Experiment Station of the SASA, having initiated the compilation of the bibliography, has volunteered to take responsibility for this.

2) The list of persons actively engaged in sugarcane production, of which a first draft was also presented, should be improved and copies mailed periodically to manufacturers of mechanical equipment. The onus will rest on interested parties to submit their names to the Special Committee for inclusion in the list.

3) Agricultural Engineering terminology for sugarcane production, mechanization and handling should be standardized. It was suggested that the various research centres, and other interested organisations should submit lists of terms with their definitions. These lists will be collected, circulated for comments from other institutions and a final master list drawn up for approval at the XVI ISSCT Congress.

4) Standard codes should be drawn up for the standardization of testing procedures for sugarcane harvesting machinery. Criteria needed to evaluate the performance of these machines must be established. As a first step in setting up these codes, papers on proposed procedures should be invited for presentation at the XVI ISSCT Congress.

5) The Special Committee on Mechanical Harvesting and Handling of Sugarcane will consist of:

Joe E. Clayton (Chairman) (Region 1: North and Central America and West Indies)
USDA,
PO Box 758,
Belle Glade,
Florida 33430, USA

Louis A. R. Pinto (Region 2: South America)
c/o Usina Santa Lydia,
PO Box 58,
Ribeirao Preto,
SP São Paulo State,
Brazil

Gerhard de Beer (Region 3: Africa, Europe, Middle East, Mauritius, Malagasy, Réunion)
Chief Agricultural Engineer
SASA Experiment Station,
Mt Edgecombe 4300
Rep of South Africa

Li-Shih Kou (Region 4: Asia)
Director,
AMOMO,
Taiwan Sugar Corporation,
25 Pasching Road,
Taipei, Taiwan 100
A vote of thanks to Mr George S. Bartlett, retiring Chairman, was unanimously adopted.

REPORT OF THE COMMITTEE ON CANE PAYMENT

A comprehensive report of investigations on the payment of cane price on a basis of quality submitted by Mr S. N. Gundu Rao, Chairman of the Committee, was tabled.

A vote of thanks to Mr Gundu Rao for compiling this report was unanimously adopted.

HOSTS FOR THE NEXT CONGRESS

The decision to accept the invitation of Brazil as hosts for the Sixteenth Congress was announced at the end of the Plenary Session and was approved by acclamation. The following officials were elected:

General Chairman, H. Morganti
General Vice-Chairman, J. L. du Toit
General Secretary/Treasurer, Hermindo Antunes.