

The World's Largest Open Access Agricultural & Applied Economics Digital Library

This document is discoverable and free to researchers across the globe due to the work of AgEcon Search.

Help ensure our sustainability.

Give to AgEcon Search

AgEcon Search http://ageconsearch.umn.edu aesearch@umn.edu

Papers downloaded from **AgEcon Search** may be used for non-commercial purposes and personal study only. No other use, including posting to another Internet site, is permitted without permission from the copyright owner (not AgEcon Search), or as allowed under the provisions of Fair Use, U.S. Copyright Act, Title 17 U.S.C.

- 5. Dr. Wahab was nominated as special collection agent for the CFCS in Jamaica. This nomination was accepted and approved.
- 6. Dr. Pierre was nominated as special collection agent for the CFCS in Guyana. This nomination was accepted and approved.
- 7. Mr. Gonzalez took the floor to thank the membership for electing Mr. Mejia president and him as vice president. He announced that the meeting would be held in Santo Domingo, Dominican Republic, probably in July or August of 1979, and that the meeting theme will be announced long before the meeting date.
- 8. Mr. Payne asked that the secretary record a vote of thanks by the membership to the organizing committee in Suriname for their excellent work.

There being no further business, the meeting was adjourned.

CONTENTS	Page
Preface	iii
Committees	iv
Contributors	vi
Minutes of the business session	ix

CONTENTS

INTRODUCTION

Welcome addresses by:	The acting director of the ministry of Agriculture Animal Husbandry and Fisheries,	
	J.A. Drielsma	16
	The president of the Caribbean Food Crops Society,	
	F.A. del Prado	17
	The director of the Agricultural Experiment Station,	
	F.W. van Amson	18
Opening of the joint syr	nposium by his Excellency Johan Sisal Minister of	
Agriculture and Animal	Husbandry and Fisheries.	21

TECHNICAL PAPERS

MAIZE

Soil Management

Soil management for maize production in the Caribbean <i>N. Ahmad</i>	24
Influence of fertilizer N and legume crop residues on maize yields. M.A. Lugo-Lopez.	39
Effect of potassium fertilization for maize crops under irrigation with saline water <i>C.C. Weir.</i>	46
Cultivation and production	
A regional project for production of grain and legume J.A. Dumett	52
Population improvements and varietal development in CIMMYT'S	
maize program S.K. Vasal, A. Ortega and S. Pandey	59
Breeding maize in Suriname: Considerations and results <i>G.A.M. van Marrewijk</i>	79

	Pag
A preliminary evaluation of crops under two farming systems at Coebiti.	
R.P.S. Ahlawat and R. Samlal	9
Performance of 14 Elites at two locations in Suriname	
G.S. Lata,	10
Maize cultivation in Suriname	
G.S. Lata	11
Pests, diseases and weeds	
Attempts at biological control of major insect pests of maize in Barbados.	
M.M. Alam	12
Introduction of parasites of maize pests (Heliothis spp., Spodoptera spp.)	
into Trinidad and Tobago. – M. Yaseen.	13
Insect control on maize in Suriname	
P. Segeren and S.R. Sharma	14
Maize virus and virus-like diseases in French West Indies	
A. Migliori and G. Marchoux	1!
A Mechanical transmissible virus isolated from maize in Haiti.	1
G. Marchoux and A. Migliori	
Post planting weed control treatments for maize in Suriname	
R.E., Dumas and S. Ausan.	1
Effect of post-emergence applied atrazine-dalapon-oil mixture	
on weed growth and corn productivity,	1
C.A.L. Phillips and D. Martin	1
Weed control in corn (Zea mays L.) and peanuts (Arachis hypogaea L.)	
in the caribbean region. J.L. Hammerton.	1
J. L. Mannherton.	
Economic aspects	
Micro-economic aspects of maize in Suriname in relation to import substitution.	
A.W. Graanoogst	19
Production cost of maize in the coastal area of Suriname	
K. Manniesing	20

PEANUT

Soil management
Soil suitability for groundnut culture in Suriname P.D. Rellum
Groundnut experiments at Coebiti in the period 1972-1975 J.F. Wienk.
Cultivation and Production
Potentials and problems of peanut production in St. Kitts. <i>K.U. Buckmire</i>
Peanut Cultivation in Suriname R.P.S. Ahlawat and R. Samlal
Georgia Peanut production-a package approach. J.F. McGill.

Pests, diseases and weeds

The appropriateness of specific packages of technological practice for weed control. <i>H. Payne</i>	266
Research results and practical experiences regarding weed control in peanuts in Suriname. R.E. Dumas and S. Ausan.	272
Awareness and adoption of chemical weed control in peanuts <i>J. Veltkamp</i>	288
Economic aspects	
Micro-economic aspects of peanuts in Suriname in relation to import substitutior. A.W. Graanoogst.	296
MISCELLANEOUS	
Soil management	

Soil management

Effect of spreading distillery waste in open field.	300
J.F. Turenne, J. Gautheyou and M. Gautheyou.	300

Preliminary results of sugar cane experiments on the sandy loam soils of the 'Zandery' formation. <i>E. Soe Agnie</i>	310
Cultivation and production	
Anatomy of the tuber as an aid in yam biology study. L.M. Degras and P. Mathurin	319
Citrus plantmaterial improvement E. Fung Kon Sang and J.A. Kromodimedjo	335
Papaya research in Suriname F.W. Soerodimedjo	342
Grassland R.A. Tjong A Hung	353
Pests, diseases and weeds	
Current status of banana pest control research in Jamaica <i>K. Ittyeipe</i>	354
Insect pests of cultivated plants in French Guyana M. Remillet.	370
Mature plant resistance of cowpea lines to the surinam cowpea mosaic virus.	
F.E. Klas	375
The root knot nematode problem of rice. <i>Rini Segeren-van den Oever.</i>	378
Economic aspects	
The economics of agriculture in Suriname W.R. Caldeira	380
A strategy for the design and lay-out of field experiments in the Caribbean region <i>Brewer, A.C. and F.B. Lauckner</i>	392

WORKSHOP Soil management Chairman, N. Ahmad	399
Crop Protection Chairman, J.L. Hammerton	400
Miscellaneous G.A.M. van Marrewijk	401