

## ADVANCES AND CHALLENGES IN THE DEVELOPMENT OF BIOLOGICAL CONTROL OPTIONS FOR THE COCONUT MITE

(27 August, 09h00-12h00, Room 3)

**Chairpersons:** **Rachid Hanna** (International Institute of Tropical Agriculture, Yaoundé, Cameroon / **Nayanie S. Aratchige** (Coconut Research Institute of Sri Lanka, Lunuwila, Sri Lanka)

### 09h00-09h10: INTRODUCTION

**Rachid Hanna** - International Institute of Tropical Agriculture, Yaoundé, Cameroon

### 09h10-09h30: THE SEARCH FOR NATURAL ENEMIES OF THE COCONUT MITE (*Aceria guerreronis* KEIFER) IN LATIN AMERICA

F.R. da Silva, G.J. de Moraes, M.W. Sabelis, R. Hanna, E.G. Estrada-Venegas, N.C. Mesa & C. Vasquez  
**Speaker:** Fernando R. Silva - University of Amsterdam, Amsterdam, The Netherlands / ESALQ, Universidade de São Paulo, Piracicaba-SP, Brazil

### 09h30-09h50: MITE DIVERSITY IN COCONUT HABITAT IN WEST AND EAST AFRICA

I.D. Zannou, K. Negloh, R. Hanna, S. Houadapode & M.W. Sabelis  
**Speaker:** Ignace D. Zannou - University of Amsterdam, Amsterdam, The Netherlands / International Institute of Tropical Agriculture, Cotonou, Benin

### 09h50-10h10: MORPHOLOGICAL VARIATION AND REPRODUCTIVE INCOMPATIBILITY AMONG GEOGRAPHIC POPULATIONS OF TWO PHYTOSEIID MITE SPECIES ASSOCIATED WITH THE COCONUT MITE IN AFRICA AND BRAZIL

N. Famah Sourassou, R. Hanna, I.D. Zannou, G.J. de Moraes, K. Negloh & M.W. Sabelis  
**Speaker:** Nazer Famah Sourassou - University of Amsterdam, Amsterdam, The Netherlands / International Institute of Tropical Agriculture, Cotonou, Benin

### 10h10-10h30: COMPARATIVE BIOLOGY OF *Neoseiulus baraki* AND *Neoseiulus paspalivorus*: INTERSPECIFIC INTERACTIONS AND PREDATION EFFICIENCY

K. Negloh, R. Hanna, P. Schausberger & M.W. Sabelis  
**Speaker:** Koffi Negloh - University of Amsterdam, Amsterdam, The Netherlands / International Institute of Tropical Agriculture, Cotonou, Benin

**10h30-10h45:** Coffee Break

### 10h45-11h00: RECENT ADVANCES IN BIOLOGICAL CONTROL RESEARCH ON COCONUT MITE USING *Neoseiulus baraki* IN SRI LANKA

N.S. Aratchige & A.D.N.T. Kumara  
**Speaker:** Nayanie S. Aratchige - Coconut Research Institute of Sri Lanka, Lunuwila, Sri Lanka

### 11h00-11h15: THE COCONUT MITE *Aceria guerreronis* KEIFER (ACARI: ERIOPHYIDAE) IN THE SUB-ARID COASTAL REGION OF DHOFAR, OMAN

A. Al-shanfari, S.R. Gowen, D. Moore, F.C.C. Hountondji & G.J. de Moraes  
**Speaker:** Abdulaziz Al-shanfari - Dhofar Agricultural Research Stations, Salalah, Sultanate of Oman

### 11h15-11h30: COCONUT DESTINY AFTER THE INVASION OF *Aceria guerreronis* IN INDIA

M.A. Haq  
**Speaker:** Mohammed A. Haq - Division of Acarology, Department of Zoology, University of Calicut, Kerala, India

**11h30-11h45: STAKEHOLDERS ANALYSIS OF COCONUT PRODUCTION AND PERCEPTION ON COCONUT MITE-DAMAGE AND OTHER COCONUT CONSTRAINTS IN TANZANIA**

J.M. Oleke, V.M. Manyong, R. Hanna & A.C. Isinika

**Speaker:** Jofrey M. Oleke - International Institute of Tropical Agriculture, Dar es salaam, Tanzania / Sokoine University, Morogoro, Tanzania

**11h45-12h00: CLOSING REMARKS**

**Rachid Hanna** - International Institute of Tropical Agriculture, Yaoundé, Cameroon