

RP 1478

**Pests of Sorghum and Pearl Millet,
and their Parasites and Predators,
Recorded at ICRISAT Center, India
up to August 1979**

K.V. Seshu Reddy and J.C. Davies



ICRISAT

International Crops Research Institute for the Semi-Arid Tropics

ICRISAT Patancheru P.O.

Andhra Pradesh, India 502 324

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FOREWORD

This document lists mite and insect pests, along with their parasites and predators, found on sorghum and pearl millet at ICRISAT Center, located about 25 kilometers northwest of Hyderabad in Andhra Pradesh, India. A brief list of mammalian pests is also included. This publication is intended generally as a comparative listing for entomologists and other cereals scientists working throughout the semi-arid tropics. It is hoped that it will be of use in pinpointing differences in the pest and predator/parasite spectrum in the various sorghum and millet growing areas and that exchange of information will be facilitated thereby. The listing is organized into sections of pests of growing plants, noninsect pests of growing plants, and pests of stored grain and produce. The listing concludes with parasites and predators noted at ICRISAT Center.

Please note that identification of the starred (*) entries has been confirmed by taxonomists of the Commonwealth Institute of Entomology of the British Museum. We are exceptionally grateful to the Institute and to the Museum for this assistance. We are also very appreciative of our own entomology staff members, who spent many hours collecting and preparing the specimens.

This publication supersedes Progress Report Cereals Entomology 1, entitled "Pests of Sorghum and Pearl Millet, and their Parasites and Predators, Recorded at ICRISAT Center, India up to December 1977."

G.D. Hengston
Research Editor
ICRISAT

THE AUTHORS

This listing was prepared by K. V. Seshu Reddy, Entomologist, and J.C. Davies, Entomologist and Associate Director (Cooperative Programs and Training), ICRISAT.



1. INSECT PESTS OF THE GROWING SORGHUM CROP

ORDER: Diptera FAMILY: Agromyzidae

1. *Cerodontha sp. nr. denticornis (Panzer) STATUS: Minor
Leaf miner. Genus common in SAT.

ORDER: Diptera FAMILY: Cecidomyiidae

2. *Contarinia sorghicola Coq. STATUS: Major
Destroys developing seed. Important source
of crop loss, particularly in areas where
sowing is staggered or mixed-maturing cul-
tivars are grown. Very common throughout
the SAT, including the Americas and Aus-
tralia.

ORDER: Diptera FAMILY: Muscidae

3. *Acritochaeta orientalis Schiner STATUS: Minor
Causes deadheart and death of seedlings.
Suspected of being saprophytic.
4. *Atherigona approximata Malloch STATUS: Minor
5. *Atherigona atripalpis Malloch STATUS: Minor
6. *Atherigona eriochloae Malloch STATUS: Minor
7. *Atherigona falcata Thomson STATUS: Minor
8. *Atherigona pulla Wiedemann STATUS: Minor
9. *Atherigona punctata Karl STATUS: Minor
10. *Atherigona reversura Villeneuve STATUS: Minor
11. *Atherigona nr. reversura sp.n. STATUS: Minor
12. *Atherigona simplex Thomson STATUS: Minor
Causes deadheart and death of seedlings.
Genera common in SAT.

*Identity has been confirmed by specialists
and entered into the ICRISAT collection.

