

2nd International Conference on Sunn Pest

ICARDA, Aleppo, Syria, July 19-22, 2004

Abstract Sample for Oral and Poster Presentations

Deadline for receiving this form is May 15, 2004

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BIOLOGICAL CONTROL OF SUNN PEST WITH ENTOMOPATHOGENIC FUNGI. Margaret Skinner¹, Bruce L. Parker¹, Svetlana Gouli¹ and Mustapha El-Bouhssini². (1) Entomology Research Laboratory, University of Vermont, Burlington, Vermont, USA 05405-3400; (2) ICARDA, P.O. Box 5466, Aleppo, Syria, Phone: (963-21) 2213433; Fax: 00963-21-2213490; e-mail: M.Bohssini@cgiar.org

The Sunn Pest (*Eurygaster integriceps* Puton) is a major insect pest of wheat and barley in West Asia. Feeding by this pest significantly reduces crop yield and quality. Several strains of entomopathogenic fungi were isolated from insects in their overwintering sites in Turkey and Syria, and were found to be highly pathogenic to Sunn Pest in laboratory bioassays. The next step in the development of these biological agents is to determine at what stage in the pest's life cycle fungi could best be used. Two possibilities are 1) as they migrate to the fields in the early spring or 2) in their overwintering sites among the foothills surrounding the fields. Six of the most promising isolates were tested in on-plant and in-litter bioassays. Several of the tested isolates provided 80-100% mortality within 10 days. Results of these assays will be reported and comparisons made between the two assay methods.

IMPORTANT NOTES (read carefully):

- 1) *Participants who will give oral or poster presentations are requested to send an abstract (max 250 words, 12 pt character, with no tables, figures or literature)*
- 2) *Deadline for submission: May 15, 2004.*
- 3) *Underline name of person making presentation.*
- 4) *Provide complete name and contact address (with Tel, Fax, and E-mail if available)*
- 5) *Make sure that the body of the abstract is written as one paragraph.*
- 6) *Use this form or white paper, making sure that the size of the box is maintained.*
- 7) *Use clean elite typewriter, laser or letter quality printer (do not use dot matrix).*
- 8) *Return by e-mail or by mail with a diskette to Dr. Safaa Kumari, Chair of the Local Organizing Committee, ICARDA, P.O. Box 5466, Aleppo, Syria, Fax No. (+963-21) 2225105/2213490; e-mail: S.Kumari@cgiar.org*

Poster Guidelines

Posters should measure 1 meter in height by 0.7 meters in width, and should contain a main title, author list and mailing address, e-mail address of the author of correspondence, and the following section: Summary, Introduction, Materials and Methods, Results and Discussion, and References.