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Soybean Diseases in Nepal

James B. Sinclair

ISR-60-16

July 1980

International Soybean Program, INTSOY

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International Soybean Program, INTSOY
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Trip Report - Nepal

- I. NAME: James B. Sinclair
Professor of International Plant Pathology/UIUC and INTSOY
- II. PERIOD OF TRAVEL: 17 to 21 June 1980
- III. ITINERARY:
Depart New Delhi 0815 - Arrive Kathmandu 0940
Depart Kathmandu 1020 - Arrive Colombo 1440
- IV. PURPOSES:
1. To make an assessment of stand establishment problems of soybeans in Nepal.
 2. To assist in the evaluation of soybean seed treatment trials and field trials to determine the races of Cercospora sojina in Nepal.
 3. To assist in the development of a disease loss assessment program with the use of differential cultivars for diagnosis and loss estimates.
 4. To discuss the participation of Nepal in the Sri Lanka conference.
- V. ORGANIZATIONS AND PERSONS CONTACTED:
- Ministry of Food Agriculture & Irrigation: B. B. Khadka, Secretary
P. N. Rana, Director-General
A. M. Pradhanang, Deputy D.-G.
- Integrated Cereals Project: W. H. Freeman, Proj. Supervisor
- USAID/Nepal: D. Pickett, Head, Agriculture
Jack Huxtable, Assistant, Agr.
- CARE/Nepal: Frank Brechin, Director
- Plant Pathology/MFAI: S. Moin Shah, Head, P.P. Division
J. B. Manandhar, Soybean Pathologist
Purusu Amatya, Nematologist
K. L. Manandhar, Maize Pathologist
Other professional and technical personnel
- Agronomy/MFAI: Manobar Lal Malla, Chief Agronomist
Mr. Bh. rati, Soybean Breeder
- Other agriculture specialists from the Ministry of Agriculture and university.

VI. RESULTS AND ACCOMPLISHMENTS:

1. Developed a 5-year plan for a program in soybean pathology.
2. Visited field plots for soybean pathology, soybean breeding and for cropping systems in Khumaltar and Lele.
3. Discussed possibilities of nondegree and degree training in plant pathology for Nepalese personnel.
4. Presented a seminar on soybean seed pathology to agricultural specialists from the Ministry of Food, Agriculture and Irrigation and university.
5. Participated in discussions concerning the development of an All-Nepal soybean program under the sponsorship of CARE. This was followed by a telephone conversation with CARE/New York and a letter of support to CARE/New York.
6. There was an exchange of literature and data as well as discussions of results from last year's field plots.

VII. OBSERVATIONS AND REMARKS:

Soybeans have been grown as an "intercrop" with maize and on bunds of irrigated rice and maize for generations in Nepal. Row planting is being developed in the "new land" in the Tarai. There is a solid base of utilization and grower acceptance in Nepal, which needs to be developed for more efficient production and utilization in the country. There are several excellent agriculturists dedicated to the production of soybean in Nepal, but they need professional and financial help to get the program on its way.

VIII. FOLLOW-UP ACTION

I will continue to work with the soybean pathologist and the Integrated Cereals Project in developing a soybean pathology program in Nepal. I have provided information, arranged for seeds of various cultivars to be sent to Nepal, assisted in program planning and development, etc.

BIBLIOGRAPHIC DATA SHEET		1. CONTROL NUMBER	2. SUBJECT CLASSIFICATION (698) AH12-0336-G726
3. TITLE AND SUBTITLE (240) Soybean diseases in Nepal			
4. PERSONAL AUTHORS (100) Sinclair, J. B.			
5. CORPORATE AUTHORS (101) Ill. Univ. College of Agr.			
6. DOCUMENT DATE (110) 1980	7. NUMBER OF PAGES (120) 3p.	8. AEC NUMBER (170)	
9. REFERENCE ORGANIZATION (130) Ill.			
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11. ABSTRACT (950)			

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Abstract covered - NP
Soybean Diseases and pests - NP

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III. Contract

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