

PD-AY-723

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INTSOY/ICA Soybean Production Short Course  
Colombia, December 1980

John W. Santas

ISR-80-28

International Soybean Program, INTSOY

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### COLOMBIA TRIP REPORT

Name: John W. Santas, INTSOY Training Officer

Period of Travel: December 6-14, 1980

Itinerary: December 6, Champaign/St. Louis/Miami/Bogota  
(Leave Champaign 6:10 a.m., arrive Bogota 9:30 p.m.)  
December 7, Bogota/Cali  
(Leave Bogota 8:30 a.m., arrive Cali 9:00 a.m.)  
December 7 to 12: Cali, Palmira, and Cauca Valley area  
with 1980 ICA/INTSOY course.  
December 13: Cali/Bogota/Miami/St. Louis/Champaign  
(Leave Cali 10:00 a.m., arrive Champaign 11:47 a.m. December 14.)

#### Purpose:

To be present, mostly for the purpose of monitoring course activities, during the final week of the 1980 ICA/INTSOY soybean production course. My specific contributions during the final week of the course were: (1) A presentation (in Spanish) on the role of education and training in the development of a soybean industry, including an explanation of INTSOY and how INTSOY training programs can develop the leadership necessary for the expansion of soybean production and use and (2) Participation in course evaluation activities and presentation of course-completion certificates to participants.

Four other INTSOY staff from UIUC, UPR-M and Peru were in Palmira for their instructional inputs during the first two weeks of the course. All other instruction was handled by scientists from ICA and representatives of companies and organizations related to the soybean industry in the Cauca Valley. (A list of persons who made presentations during the course is attached.)

My second purpose was to begin planning and arrangements for the presentation of the next course, building on the experience we have gained through the 1979 and 1980 courses.

#### Organizations and Persons Contacted:

1. A list of the 28 participants enrolled in the course and countries represented is attached to this report.

2. Instituto Colombiano Agropecuario (ICA), Palmira

Gilberto Bastidas R., ICA Coordinator for 1980 ICA/INTSOY Course.  
Raul Varela, Soil Microbiologist and prospective Ph.D. student at UIUC.  
Francia de Agudelo, Plant Pathologist and prospective Ph.D. student at UIUC.

Jorge Victoria, Head of Plant Pathology.

Hugo Alfonso Chamorro Diaz, Center Director

Bertha de Gutierrez, Entomologist

Dario Arenas, Head of Communications Section

3. ICA Region 5 Headquarters, Cali

Antonio Jose Lopez Lopez, Director General  
Octavio Cardona, Director of Communications

4. Centro Internacional de Agricultura Tropical (CIAT)

John Nickel, Director General  
Fernando Fernandez, Training Director  
David Evans, Conference Coordinator

Results, Accomplishments, Observations:

My first day in Cali (Sunday, December 7) was used for discussion of matters related to course coordination with Gilberto Bastidas. I was eager to talk with him because prior to the course there was a period of confusion caused by difficulties in transferring money to Colombia, uncertainties about enrollment and delays in submission of papers for course proceedings. It was only during the first days of the course that these problems were finally resolved, mostly due to the efficient and effective efforts of Dr. Bastidas. He had also been able to arrange housing for the larger-than-expected turnout of participants and informed me that the first two weeks had been highly successful and the course was going very well.

Again this year, the course included basic instruction in all disciplines related to soybean production, i.e., plant physiology, breeding and variety selection, inoculation, soil fertility and conservation, cultural practices and plant protection (diseases, insects and weeds). Mechanization of planting and harvesting, economics of production and marketing, methods of communication and technology transfer and studies of the seed production industry were also included. The course was a balanced and careful blending of classroom, laboratory and field instruction.

Dr. Bastidas had given careful attention to every conceivable detail of course arrangements and coordination. Participants received portfolios, I.D. cards and name tags, and even a souvenir key ring; all were custom imprinted with both the ICA and INTSOY logos. Local press also covered the course.

Visits at CIAT were basically courtesy calls made to explain the outcome of the 1980 course and to keep them informed on our continuing collaboration with ICA in soybean training.

Considerable time was spent discussing the next ICA/INTSOY course, but we were not able to reach any conclusions or firm decisions. It seems clear, however, that a number of factors make the November-December period inconvenient for ICA staff and for some of the local firms contributing to the course, particularly seed companies. Thus, we are tentatively considering late June and early July of 1982 as the most logical time for the next course. Also, because Dr. Bastidas has many other demands on his time, it will not be possible for him to accept responsibilities for course coordination and attend to all the logistical matters as he did this year. He will be readily available to give his time to technical aspects of the next course and for instruction as needed, but feels strongly that someone else must be given responsibility for coordina-

tion and logistics. The process of designating the next ICA coordinator will take time, and until that individual is identified, not much planning can be done. Course planning, however, should be less difficult for the third course because we can follow the pattern used to organize previous courses.

The course was clearly a success. Among numerous benefits and advantages was the fact that through this course INTSOY was able to develop important new contacts with soybean workers, collaborators and sponsors in Latin America. There is definitely a sufficient level of interest and demand to merit our continuing to offer training in Latin America in Spanish.

SEGUNDO CURSO INTERNACIONAL DE SOYA  
CURSO INTENSIVO DE ADIESTRAMIENTO EN PRODUCCION DE SOYA  
CENTRO NACIONAL DE INVESTIGACIONES AGROPECUARIAS PALMIRA  
ICA - INTSOY

LISTA DE PARTICIPANTES

<u>NOMBRE</u>	<u>PROCEDENCIA</u>
ERNESTO ZELARAYAN	ARGENTINA
NESTOR JORGE OLIVERI	ARGENTINA
PEDRO MANUEL FIGUEIRA DE OLIVERA MONTEIRO.	BRASIL
JORGE BALDERRAMA	BOLIVIA
ADONIAS SARMIENTO	COLOMBIA
RAFAEL MURGAS	COLOMBIA
GUSTAVO OCHOA TORO	COLOMBIA
JORGE MEJIA	COLOMBIA
MANUEL J. OCAMPO	COLOMBIA
HECTOR MORA	COLOMBIA
JOSE RAMIREZ	HONDURAS
FERNANDO PIZARRO FERNANDEZ	MEXICO
ARTURO GARCIA LASSO	MEXICO
JOSE LUIS LEAL MANDUJANO	MEXICO
HUMBERTO DE LA FUENTE	MEXICO
MARIO RIVERA DE LABRA	MEXICO
PABLO LOPEZ	NICARAGUA
MAXIMINO CHAVEZ	PANAMA
ROBERTO CASACCIA	PARAGUAY
FELIX RAMON QUINTANA	PARAGUAY
VICTORICO SOTO CHAVEZ	PERU
ANDRES BRAULIO SERQUEN RODRIGUEZ	PERU
HERMES VELASQUEZ ARAUJO	PERU
RICARDO SALDARRIAGA LUNA	PERU
ANIBAL MONTENEGRO SANAME	PERU
CESAR TIO TIO	PERU
EDUARDO CERVANTES HUAMANI	PERU
GUNTER PIZARRO TORRES	PERU

DIRECTORIO DE EXPOSITORES

NOMBRE	DIRECCION	NACIONALIDAD	INSTITUCION
John W. Santos	U. Illinois (Urbana) Illinois 61801 USA	Estados Unidos	INTSOY-USA
Luis H. Camacho M.	USAID/A.G.R. (American Ambassad Lima 1. Perú	Colombia	INTSOY-PERU
Thomas Fullerton	USAID/A.G.R. (American Ambassad Lima 1. Perú.	Estados Unidos	INTSOY-PERU
Paul R. Hepperly	Univ. Pto. Rico (Maya guez 00709). Pto. Rico	Estados Unidos	INTSOY-PTO. RICO
Michael E. Irwin	172 Natural Resources B/dg Urbana, Illinois 61801 USA	Estados Unidos	INTSOY-USA
Jorge I. Victoria	A.A. 233 Palmira	Colombia	ICA
Raniero de la Cruz U.	A.A. 233 Palmira	Colombia	ICA
Ricú Varela G.	A.A. 233 Palmira	Colombia	ICA
Oriando Agudelo D.	A.A. 233 Palmira	Colombia	ICA
Gloria Ortiz R.	A.A. 233 Palmira	Colombia	ICA
Gilberto Bastidas D.	A.A. 233 Palmira	Colombia	ICA
Octavio Cardona G.	A.A. 233 Palmira	Colombia	ICA
Alvaro Parra C.	A.A. 233 Palmira	Colombia	ICA
Darío Arenas R.	A.A. 233 Palmira	Colombia	ICA
Alvaro García O.	A.A. 233 Palmira	Colombia	ICA
Alonso Ramirez V.	A.A. 233 Palmira	Colombia	ICA
Jaime I. Pulido F.	A.A. 233 Palmira	Colombia	ICA
Fulvia García R.	A.A. 233 Palmira	Colombia	ICA
Bertha de Gutiérrez	A.A. 233 Palmira	Colombia	ICA
Francla Varón de Agudelo	A.A. 233 Palmira	Colombia	ICA
Harlo Molano C.	A.A. 233 Palmira	Colombia	ICA
Germán Aya S.	A.A. 233 Palmira	Colombia	ICA
Oscar Ochoa B.	A.A. 233 Palmira	Colombia	ICA
Carlos A. Martínez R.	A.A. 10140 Cali	Colombia	ICA
Carlos Gómez B.	A.A. 233 Palmira	Colombia	ICA
Harlo Giraldo	A.A. 240 Palmira	Colombia	Crescillias
Carlos González	A.A. 240 Palmira	Colombia	Crescillias
Alvaro Betancourt	A.A. 240 Palmira	Colombia	Crescillias
Eduardo Díaz	A.A. 10024 Cali	Colombia	Coagro
Enrique Holguín	A.A. 103 Palmira	Colombia	Proacol
Iván Vera	A.A. 103 Palmira	Colombia	Proacol
Jairo Sierra	A.A. 2001 Cali	Colombia	Semillas Andree
Humberto Garrido	A.A. 288 Cali	Colombia	Lloreda Grasses
Laureano Guerrero	A.A. 151123 Bogotá	Colombia	ICA
Faunier Salazar	A.A. 4671 Bogotá	Colombia	Colinagro
Luis Felipe Sandoval C.	A.A. 6664 Cali	Colombia	Rchm and Heas