

**TECHNICAL ASSISTANCE TO DEVELOPING
COUNTRIES PROVIDED BY THE UNITED STATES**

Submission by the United States

Addendum

The following communication, dated 17 June 2004, is being circulated at the request of the Delegation of the United States.

1. In response to the Secretariat's request in G/SPS/W/101, the United States submits the following compilation of technical assistance provided to developing countries and newly independent states between July 2003 and June 2004 in accordance with Article 9 of the Agreement on the Application of Sanitary and Phytosanitary Measures. During this time, the United States sponsored 126 technical assistance projects in 81 developing countries and newly independent states in the field of food safety, animal health and plant health. The United States continues its efforts to tailor technical assistance in relation to the requests made by developing countries through the WTO SPS Committee questionnaire.

2. The United States also calls attention to G/SPS/GEN/181, Add.1, Add.2, and Add.3 papers of US government agencies involved in providing SPS-related technical assistance. Listed below are descriptions of several individual projects, followed by the table of the other technical assistance activities.

I. UNITED STATES COMMITMENT TO SPS TECHNICAL ASSISTANCE.

Meat Safety and Regulatory Enforcement Training

3. In 2004, technical assistance is being provided to Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua and the Dominican Republic to help support implementation of Hazard Analysis Critical Control Point (HACCP) programs in meat and poultry slaughter and processing plants. The United States is providing meat and poultry safety training programs in response to trade capacity building needs identified in the negotiations of the free trade agreement between the United States and these countries.

Global Cold Chain Development Assistance

4. Since 1998, an estimated 3,000-4,000 food distribution representatives have attended training seminars through the Foreign Agriculture Services' (FAS) Cold Chain Improvement Initiative. This project is designed to assist developing countries adopt better practices and technologies to improve food safety and preserve high quality perishable food products. While consumption of high-valued, consumer-oriented foods has grown rapidly in recent years, the current state of refrigeration, humidity

control, handling, and storage (i.e., key links of the "cold chain") for both domestic and imported goods is often weak or non-existent. To address these weaknesses, FAS established cooperative efforts with over a dozen USDA Posts and provided technical assistance to more than twenty countries, including: Dominican Republic (February 2004, Phases II and III), Guatemala, El Salvador, Honduras, Mexico (September 2003, Phases II and III), Costa Rica, Nicaragua (June 2004, Phase III), and Panama.

II. UNITED STATES BIOTERRORISM OUTREACH: 2003/04

5. The United States carried out extensive outreach in preparation for new rules on bioterrorism affecting imports of food into the United States.

6. On 29 January 2003, FDA held a public meeting (via satellite downlink) to discuss the registration and prior notice proposed regulations. Nearly 1,000 participants in the North and South America, and the Caribbean viewed the live broadcast. The meeting was later re-broadcast to Europe, Asia, Africa and the Pacific. Transcripts of the broadcast are available on FDA's website in English, French, and Spanish.

7. On 22 and 28 April, and on 8 May 2003, FDA conducted three demonstrations on the web-based food facility registration system for stakeholders in Washington, D.C. Representatives of foreign governments, domestic industry, and federal agencies attended.

8. On 28 October 2003, a public meeting was held to explain the rules through a satellite downlink. The meeting was later re-broadcast to Europe, Asia, Africa and the Pacific. Transcripts of the broadcast are available on FDA's website in English, French, and Spanish.

9. On 6-7 November 2003, a seminar was held in Washington, D.C. for foreign embassies, which included a full day of information and presentations on the new rules.

10. On 21, 23, 27 and 29 April 2004, FDA sponsored a series of half-day seminars in Beijing, China, Seoul, Korea, Tokyo, Japan, and Bangkok, Thailand entitled "Complying with the New U.S. Bioterrorism Regulations – What You Need to Know". The targeted audience included manufacturers, processors, packers, holders, transporters, foreign filers, brokers, exporters and importers of food to the United States. Participants had the opportunity to discuss the new regulations with key representatives from FDA and met with key industry representatives.

II. Member: United States

Table 1 Technical Assistance provided to Members: 2003/2004

<i>Sector</i>	<i>Description of Particular Programme:</i>	<i>Form of assistance:</i>	<i>Provided to:</i>	<i>Contacts:</i>
Food Safety	In May 2004, USDA/FAS & USDA/APHIS participated in preliminary surveys in Zambia, Namibia and Botswana to indentify PRA next steps.	Providing an APHIS Pest Risk Assessment Advisor at the Southern Africa Trade Hub.	Zambia, Namibia, Botswana, Lesotho, Swaziland and SouthAfrica	Jacquelyn King Jacquelyn.king@fas.usda.gov Tel: 202-690-1951
Food Safety	In April/May 2004, Cochran Fellowship funded a project for the purpose of understanding the study of soybean-based products, focusing on the production of margarine and shorthening at Texas A&M University.	Training on baking and vegetable oil processing.	2 private sector product engineers from Tunisia	Joyann Binsley Joyann.binsley@fas.usda.gov Tel: 202-690-0731
Food Safety	In April/May 2004, Cochran Fellowship funded a training program on the principles and procedures of safe storage.	Training for 8 supermarket managers on the storage and handling of U.S. consumer goods.	Tunisia, Egypt, Lebanon, Jordan and India	Joyann Binsley Joyann.binsley@fas.usda.gov Tel: 202-690-0731
Food Safety	In April/May 2004, Cochran Fellowship funded training workshop on soyfood and milk soymilk processing techniques.	Training for 12 grain and soybean importers and processors.	Mexico, Philippines, China and Indonesia	Margaret McDanial Tel: 202-690-0036 Joyann Binsley Tel: 202-690-0731 Don Evans Tel: 202-720-2151
Food Safety	In April/May 2004, Cochran Fellowship funded training workshop on food storage.	Training for 4 Vietnamese and 4 Thai managers on U.S. standards for fresh produce and dry goods.	Vietnam and Thailand	Phuong Mai Phuong.mai@fas.usda.gov Tel: 202-720-9959

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<i>Sector</i>	<i>Description of Particular Programme:</i>	<i>Form of assistance:</i>	<i>Provided to:</i>	<i>Contacts:</i>
Food Safety	In April/May 2004, Cochran Fellowship funded a training program on U.S. Food retail practices.	4 Russian food retailers attended a training session on U.S. food retail practices and attended the Food Marketing Institute show in Chicago.	Russia	Fred Johnston Fred.johnston@fas.usda.gov Tel: 202-690-1950
Food Safety	In April/May 2004, Cochran funded an organics training program.	5 food-marketing managers received training on the management of retail and wholesale organic operations in the U.S.	Bosnia, Croatia, Czech Republic and Hungary	Phil Harlan Phil.harlan@fas.usda.gov Tel: 202-690-1243
Food Safety	In April/May 2004, Cochran funded a food and beverage standard training workshop.	5 supermarket managers were trained in quality standards for high value products and wines.	Latvia and Estonia	Phil Harlan Phil.harlan@fas.usda.gov Tel: 202-690-1243
Food Safety	In April 2004, FAS/ICD trained veterinary and public health officials in Serbia and Montenegro on regulatory enforcement of meat and dairy product processing.	Trainers from FDA, FSIS and U.S. private and university sectors developed hands-on training models on government regulators' role in providing oversight to HACCP programs at the plant level.	Serbia and Montenegro	Ellen McCloskey Ellen.mccloskey@fas.usda.gov Tel: 202-690-2981
Food Safety	In April 2004, FAS/ICD funded a technical training workshop on raspberries.	Training for staff at 20 cold storage facilities on packaging and HACCP regulations.	Serbia	Ellen McCloskey Ellen.mccloskey@fas.usda.gov Tel: 202-690-2981
Food Safety	In April/May 2004, FAS/ICD funded a food safety training workshop on meat processing.	2 private HACCP consultants provided hands-on training to veterinary and food safety officials. The training focused on practical training for meat processing inspectors. The consultants also provided technical advise to staff of two meat processing plants that are seeking USDA/FSIS approval for export to the U.S. market.	Romania	Brian Guse Brian.guse@fas.usda.gov Tel: 202-690-2870
Food Safety	14 April-1 May 2004, Course in Serbia and Montenegro by FDA-CFSAN expert with USDA-FAS	Development of a model dairy facility training program on regulatory framework, HACCP, inspection, and enforcement— sponsored by Dept of State SEED program.	Participants from the governments of Serbia and Montenegro	Robert Childers rchilders@cfsan.fda.gov Tel: 301-436-1494
	18 April-2 May 2004, Bioterrorism	Discussion of registration of food facilities	China, Korea, Japan and	

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Food Safety	Regulations roll out by FDA-CFSAN at U.S. Embassies in Beijing, Seoul, Tokyo with NFPA in Bangkok	and prior notice of imported food shipments interim regulations.	Thailand	Camille Brewer cbrewer@cfsan.fda.gov Tel: 301-436-1574
Food Safety	29 April 2004, Bioterrorism Regulations roll out to Ecuador by FDA-CFSAN	Telecon broadcast from CFSAN to six major cities: Quito, Guayaquil, Cuenca, Machala, Manta, Quevedo, sponsored by USAID.	About 300 participants in Ecuador	Camille Brewer cbrewer@cfsan.fda.gov Tel: 301-436-1574
Food Safety	11-12 May 2004, Pacific Roundtable on Counter terrorism in Wellington New Zealand by USDA-FAS Ag Attaché for FDA	Discussion of the Bioterrorism Regulations on a panel.	24 participants from the Cook Islands, Micronesia, Fiji, Kiribati, Nauru, Niue, Palau, Papua New Guinea, Marshal Islands, Samoa, Solomon Islands, Tonga, Tuvalu, and Vanuatu	David Rosenbloom david.rosenbloom@fas.usda.gov
Food Safety	18-22 May 2004, Better Process Control School by FDA-CFSAN in Bangkok, Thailand	Course on low acid canned food processing and inspection, sponsored by King Mongkut's University of Technology Thonburi	Thailand	Dennis Dignan ddignan@cfsan.fda.gov Tel: 301-436-2051
Food Safety	In April 2004, USDA/APHIS confirmed the availability of 3 pest risk experts for sub-Sahara Africa.	3 APHIS experts provided training on PRA to African countries to assist in complying with international sanitary and phytosanitary standards.	Sub-Saharan Africa	Bruce White Bruce.white@fas.usda.gov Tel: 202- 690-3747

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Plant Health	In April 2004, Cochran Fellowship sponsored a training workshop on plant protection	APHIS Professional Development Center provided training for plant protection officials. The training focused on identification of insect and non-insect pests, risks associated with these pests, APHIS plant health programs and services, and networking to resolve future plant health issues.	Morocco	Joyann Binsley Joyann.binsley@fas.usda.gov Tel: 202-690-0731
Food Safety	In March/April 2004, Cochran Fellowship funded a training program on U.S. food system.	3 health officials participated in training on U.S. food safety regulatory system for food produced using modern biotechnology methods.	Chile	Yvette Wedderburn Bomersheim Yvette.wedderburn@fas.usda.gov Tel: 202-690-0036
Food Safety	In April 2004, FAS /ICD funded food safety and quality seminars. FSIS experts focused on quality assurance with laboratory and management staff at Egypt's new meat and poultry foodstuffs testing facility in Dekhela. The FSIS team also conducted a seminar on food safety analysis in Cairo for senior-level science advisers and policy-makers.	The training focused on increased laboratory proficiency and accreditation. The training also reviewed key aspects of U.S. and E.U. regulatory requirements for food safety analysis. Topics included risk assessment and mitigation, and risk-based validation of food safety management throughout Egypt.	Egypt	Micah Rosenblum Micah.rosenblum@fas.usda.gov Tel: 202- 720-5876
Plant Health	In March/April 2004, Cochran funded a horticultural production training seminar. A researcher from University of Stellenbosch was provided training on horticultural pest management and quality control to support development of sustainable systems in South Africa. The participant also received training in tea and herb quality control.	Training in horticultural production. The participant also attended the Symposium of the International Society for Horticultural Science.	South Africa	Don Evans Don.evans@fas.usda.gov Tel: 202-720-2151
Food Safety	In March 2004, Cochran provided	3 seafood importers received training in	Philippines and Thailand	Phuong Mai

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	funding for a seafood-safety training seminar. The participants met with U.S. commercial seafood enterprises in Massachusetts, Washington, and California and attended the Boston International Seafood Show.	seafood safety and handling.		Phuong.mai@fas.usda.gov Tel: 202-720-9959
Animal Health	In March 2004, APHIS and ARS scientists conducted field training on Rapid Diagnostic Test Kits. The scientists utilized previously collected "vesicular stomatitis" samples as well as VS cases from the field.	Training provided to scientists from the Costa Rican Veterinary School on rapid test for food-and-mouth disease (FMD).	Costa Rica	Angel Cielo E-mail: angel.b.cielo@usda.gov
Food Safety	In February/March 2004, FAS/ICD provided funding for a pest risk assessment in Madagascar. The PRA expert also consulted with the government on improving plant health organizational infrastructure.	Hands-on PRA preparation on litchi.	Madagascar	Bruce White Bruce.white@fas.usda.gov Tel: 202-690-3747
Animal Health	In February 2004, FAS/ICD provided funding to train 40 veterinarians from the Ministry of Agriculture, academia, and regional veterinary institutes on risk management and livestock diseases. The workshop is intended to build capacity for controlling domestic and international livestock diseases and will help establish an early warning system.	Animal health training on the management of diagnostic results and how veterinary services are integrated at the field, state, and regional levels in the U.S..	Serbia and Montenegro	Edwin Lewis Edwin.lewis@fas.usda.gov Tel: 202-720-5028

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Food Safety	In March 2004, APHIS conducted a workshop on epidemiology and risk analysis.	Training on risk analysis.	Bosnia-Herzegovina	Dan Sheesley Email dan.sheesley@usda.gov
Food Safety	In May 2004, APHIS conducted a week-long epidemiology training, to be followed by a week-long risk analysis training in June or September 2004.	Training program on epidemiology and risk analysis training.	Russia	Dan Sheesley E-mail: dan.sheesley@usda.gov
Food Safety	In January/February 2004, Cochran funded a training program at the University of Georgia for poultry producers and veterinarians on poultry management, disease control and processing.	30 poultry producers and veterinarians received poultry management and processing training.	Nigeria	Don Evans E-mail- Don.Evans@fas.usda.gov Tel: 202-720-2151
Food Safety	In January/ February 2004, Cochran funded training for industry representatives on produce marketing strategies for fresh vegetables and fruits.	5 industry representatives received fruit and vegetable processing training at the University of California, Davis.	Tajikistan	Gretchen Hopley Gretchen.hopley@fas.usda.gov Tel: 202-690-0947
Plant Health	In January 2004, Cochran funded a training workshop for plant protection officials from Bulgaria and Macedonia. This group, including the Director General of Bulgaria's National Service for Plant Protection met with EPA, APHIS, CSREES, AMS, private consultants, farmers, chemical company representatives, university educators and researchers.	High level plant protection officials attended a training program focusing on pesticide development, registration, use and education. The training also focused on pesticide regulations and safety, biotechnology regulations, and extension education for farmers and applicators.	Bulgaria and Macedonia	Phillip Harlan Phil.harlan@fas.usda.gov Tel: 202-690-1243

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Food Safety	In January 2004, Cochran funded a training program for 10 poultry farmers. The group attended the International Poultry Expo held in Atlanta.	Conducted training on U.S. poultry management, poultry nutrition, feed formulation, quality control and mill management, broiler breeding production, hatchery residue analysis, disease diagnosis, biosecurity and poultry economics.	4 farmers from Albania and 6 from Kosovo	Lindsey Itle Lindsey.itle@fas.usda.gov Tel: 202-690-2744
Food Safety	In January 2004, Cochran funded a meat and poultry safety training program for 3 Egyptian Ministry of Agriculture Veterinarians. The program included site visits with the U.S. Meat Export Federation, National Cattlemen's Beef Association, and several major meat industry companies.	The training focused on gaining a better understanding and confidence of HACCP principles and U.S. food safety regulations.	Egypt	Joyann Binsley Joyann.binsley@fas.usda.gov Tel: 202-690-0731
Food Safety	In December 2003, Cochran funded a poultry feed management training workshop for 2 poultry farm directors from Turkmenistan, a poultry farm chairman and the Chief Veterinarian from Azerbaijan. The trainees visited feed mills, and met poultry nutritionists and officials of the American Soybean Association and Corn Growers Association.	Training sessions on poultry feed management and marketing, feed formulation, feed sampling and poultry health issues.	Turmenistan and Azerbaijan	Grethen Hopley Grethen.hopley@fas.usda.gov Tel: 202-690-0947

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Animal/Plant Health	In December 2003, FAS/ICD conducted an SPS Management Information System training workshop for the Andean Community. Information systems officials from animal and plant health services in each of the five countries were trained on the use of the web-based system. The system will greatly facilitate access by agricultural health officials to update data on quarantine pests and diseases.	An extensive training workshop on a management information and database system for monitoring and surveillance of plant and animal health issues.	Bolivia, Colombia, Ecuador, Peru and Venezuela	Scott Goldman Scott.goldman@fas.usda.gov Tel: 202-690-1913
Food Safety	In December 2003, an APHIS entomologist and a plant pathologist conducted a PRA assessment in Namibia. The assessment gathered information on grape production. The project is part of a broader USAID-funded program to assist Southern African countries on sanitary and phytosanitary issues.	Provide training on how to gather information on harvesting, processing and pest problems, in support of a current pest risk assessment of exporting Namibian grapes to the United States.	Namibia	Bruce White Bruce.white@fas.usda.gov Tel: 202-690-3747
Food Safety	In November/December 2003, an APHIS entomologist traveled to Tanzania to advise officials of the Plant Health Services National Project on Mediterranean fruit fly.	Training on Mediterranean fruit fly trapping procedures and management.	Tanzania	Bruce White Bruce.white@fas.usda.gov Tel: 202-690-3747

II. Member: United States

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Food Safety	In November 2003, APHIS conducted a course on epidemiology/Geographical Information System (GIS) for infectious diseases. 10 El Salvadoran veterinary epidemiologists working for the Ministry of Agriculture and Livestock successfully completed the training.	The training course focused on concepts of infectious disease epidemiology, outbreak investigation, GSP use, applications of GIS. An epidemiology exercise to simulate response to an FMDV outbreak was conducted.	El Salvador	Angel Cielo Angel.b.cielo@usda.gov
Food Safety	In October/November 2003, APHIS and the Tuskegee University conducted a training workshop on "Risk Analysis and Modelling Sanitary/Phytosanitary Capacity Building in Sub-Saharan Africa" in Pretoria, South Africa.	Hands-on PRA training.	Senegal, Mali, Ghana, Nigeria, Kenya, Tanzania, Uganda, Swaziland, Botswana, Namibia, Zambia and South Africa.	Daniel Sheesley Dan.sheesley@usda.gov
Food Safety	In November 2003, Cochran funded a meat and poultry inspection program.	The training for 14 private sector managers focused on the FSIS inspection system, FDA inspection system, HACCP and pathogen reduction initiatives.	Argentina, Colombia, Costa Rica, Dominican Republic, Ecuador, Guatemala, Peru and Uruguay.	Susana Garcia Susanna.Garcia@fas.usda.gov Tel: 202-720-3382
Food Safety	In November 2003, FAS presented a food safety workshop for 50 public and private sector participants.	The training focused on food safety, sanitation and good manufacturing practices for processed food products.	Serbia-Montenegro	Ellen McCloskey Ellen.mccloskey@fas.usda.gov Tel: 202-690-2981
Food Safety	In October/November 2003, Cochran funded a HACCP training workshop for 5 private sector managers conducted by Purdue University.	The training concentrated on HACCP for processed foods.	Colombia, El Salvador and Guatemala.	Shawn Phillips Shawn.Phillips@fas.usda.gov Tel: 202-690-2735
Food Safety	In October/November 2003, Cochran funded food safety training for 2 Ministry of Health officials.	Provided training on food safety requirements for importing food into the United States. The training included FDA's new registration and prior notice rules, labelling, additives and import procedures.	Honduras	Shawn Phillips – 202-690-2735 Shawn.Phillips@fas.usda.gov

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Food Safety	In October/November 2003, Cochran funded the training of a university professor in beef breeding.	The assistance consisted of hands-on training on beef breeding and the management of breed associations in Washing, D.C., Missouri, Nebraska and Kentucky. The participants also attended the North American International Livestock Exposition.	Hungary	Phillip Harlan Phil.Harlan@fas.usda.gov Tel: 202-690-1243
Food Safety	In October/November 2003, Cochran funded the training of senior veterinary officials in Washington, D.C., Maryland, Iowa and Texas on veterinary medicine and policy.	The training of 3 senior officials focused on food safety issues, identification and prevention of animal diseases, and veterinary education. The training program also covered how the United States manages outbreaks of diseases such as Exotic Newcastle in poultry.	Poland	Phillip Harlan Phil.Harlan@fas.usda.gov Tel: 202-690-1243
Food Safety	In November 2003, APHIS-Guatemala presented a training workshop on APHIS plant health regulations. The participants consisted of exporters, technicians and service-related companies.	The 3-day training seminar concentrated on ornamental plant regulations.	Guatemala	Angel Cielo Angel.b.cielo@usda.gov
Food Safety	In October 2003, APHIS conducted a training workshop on animal quarantine and inspection. The participants included officials from the Ministry of Agriculture, and the Beijing Animal Quarantine and Inspection Institute.	Training consisted of overviews of APHIS Import/Export Regulation and Rule-Making procedures.	China	Gary Greene Gary.greene@aphis.usda.gov
Food Safety	In November 2003, APHIS El Salvador conducted a training workshop on infectious diseases epidemiology. 10 veterinary epidemiologists from the Ministry of Agriculture and Livestock attended the training seminar.	The program focused on grass roots development strategy to improve the surveillance on endemic and exotic animal diseases.	El Salvador	Angel Cielo Angel.b.cielo@usda.gov
Food Safety	In October/November 2003, APHIS	Training workshop focused on risk analysis	Sub-Saharan Africa	Dan Sheesley

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	and Tuskegee University conducted an advanced workshop on SPS risk analysis.	and modelling sanitary and phytosanitary capacity building in Sub-Saharan Africa.		Dan.sheesley@usda.gov
Food Safety	In October/November 2003, Cochran funded the training of 2 private sector managers in meat handling and quality assurance regulations. The participants also attended the AMI International Meat, Poultry and Seafood Expo in Chicago.	The training focused on proper handling and processing guidelines.	Guatemala	Susana Garcia Susana.Garcia@fas.usda.gov Tel: 202-720-3382
Food Safety	In October/November 2003, Cochran funded a cold chain management-training workshop. The participant also attended the Productivity Convention and Expo in Nashville.	A warehouse manager was provided training in logistics and distribution for refrigerated and perishable products, guidelines for handling and storing temperature sensitive food products, transportation quality control and refrigerated warehousing maintenance.	Dominican Republic	Susana Garcia Susana.Garcia@fas.usda.gov Tel: 202-720-3382
Food Safety	In October/November 2003, Cochran funded a produce marketing and handling training workshop. The training workshop designed in conjunction with Washington and California Departments of Agriculture and University of California/Davis included the Produce Marketing Association Convention and Exposition in Orlando, Florida.	The training focused on production and packaging, post harvest handling, shipping and exporting of fresh produce.	Philippines, Thailand, Malaysia and South Africa	Phoung Mai Phuong.mai@fas.usda.gov Tel: 202-720-9959
Food Safety	In October/November 2003, Cochran funded a training program on dairy herd management and marketing.	The training of 5 private dairy industry officials focused on feed and nutrition management, cow/calf record keeping methods, bull selection, artificial insemination and breeding techniques.	Turkey	Gretchen Hopley Gretchen.hopley@fas.usda.gov Tel: 202-690-0947
Food Safety	In October 2003, Cochran funded a soy food development and marketing training workshop. The training	The training of 9 fellows focused on the incorporation of soy protein in marketable food products, especially in areas affected	South Africa, Senegal, Botswana and Tanzania.	Don Evans Don.evans@fas.usda.gov Tel: 202-720-2151

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	program conducted in cooperation with the American Soybean Association's World Initiative for Soy in Human Health (WISHH) and the International Soybean Program at the University of Illinois in Urbana-Champaign.	by HIV/AIDS.		
Food Safety	In October 2003, Cochran funded the training of a senior researcher from the Agricultural Research Council in South Africa.	The attendee studied essential oil extraction techniques, marketing and the development of alternative crops.	South Africa	Don Evans Don.evans@fas.usda.gov Tel: 202-720-2151
Food Safety	In October 2003, APHIS provided PRA training for government officials.	The assistance included development of a pest risk assessment strategy for a variety of crops potentially destined for U.S. markets.	Uganda	Bruce White Bruce.white@fas.usda.gov Tel: 202-690-3747
Food Safety	In October 2003, FAS conducted a training workshop for 40 participants on feed and forage. The training program is intended to help improve farm management practices, and strengthen Serbia-Montenegro's capacity to meet domestic and export market demand for quality dairy products.	The training consisted of two feed and forage workshops in Krusevac and Belgrade.	Serbia-Montenegro	Brian Guse Brian.guse@fas.usda.gov Tel: 202-690-2870
Food Safety /Plant &Animal Health	In October 2003, FAS and the Department of Commerce's Commercial Law Development Program (CLDP) conducted a four-day SPS training program.	The workshop focused on the development of regional coordination mechanism, and the mutual recognition of equivalent SPS measures.	Albania, Bosnia-Herzegovina, Bulgaria, Croatia, Macedonia, Romania and Serbia-Montenegro	Erick Hansen Erick.Hansen@fas.usda.gov Tel: 202-720-0760
Food Safety	In October 2003, Cochran funded a training workshop on feed mill technology and swine management.	Technical training on feed and genetics.	Peru	Shawn Phillips Shawn.Phillips@fas.usda.gov Tel: 202-690-2735
Food Safety	In October 2003, Cochran funded a training program on vegetable oil processing for private sector	The training involved studying principles and practices of refining, bleaching, hydrogenation and deodorization of	Morocco, Tunisia and Trinidad	Joyann Binsley Joyann.binsley@fas.usda.gov Tel: 202-690-0731

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	managers.	soybean, corn, cottonseed, canola and sunflower seed oil, production of fat and oil products, and enduring product quality.		
Food Safety	In October 2003, Cochran funded a potato technology-training program for importers and managers.	National Potato Board provided training on technologies and handling practices for potato products.	Korea, Mexico and Philippines	Phuong Mai Phuong.mai@fas.usda.gov Tel: 202-720-9959
Food Safety	In October 2003, Cochran funded a wine production and quality-training workshop for importers and managers.	Training focused on providing a better understanding of wine production techniques and quality identification skills.	Argentina, Colombia, Ecuador and Peru	Shawn Phillips Shawn.Phillips@fas.usda.gov Tel: 202-690-2735
Food Safety	In October 2003, Cochran funded a produce-handling workshop for importers, retailers and sales managers.	Training for private sector officials was to ensure a better understanding of handling of fresh fruits.	Argentina, Ecuador, Guatemala, Jamaica and Uruguay	Susana Gracia Susana.Garcia@fas.usda.gov Tel: 202-720-3382
Food Safety	In October 2003, Cochran funded a U.S. Meat Export Federation training workshop on bovine carcass grading system.	Training for 6 government officials was to ensure a better understanding of the U.S. carcass grading system.	Chile	Fred Johnston Fred.Johnston@fas.usda.gov Tel: 202-690-0731
Food Safety	In October 2003, Cochran funded the training of agriculture extension specialists.	The training of 1 Ministry of Agriculture specialist from Tunisia and 1 from Oman in North Dakota and Washington DC focused on the role of extension services in supporting livestock and fisheries.	Tunisia and Oman	Joyann Binsley Joyann.binsley@fas.usda.gov Tel: 202-690-0731
Food Safety	In October 2003, Cochran funded a training workshop on HACCP for private sector meat managers. The participants attended the Meat Industry Research Conference's World Wide Food Expo and American Institute conference in Kansas, Missouri and Illinois.	The workshop was designed to focus on HACCP and meat processing.	Croatia	Phillip Harlan Phil.Harlan@fas.usda.gov Tel: 202-690-1243

II. Member: United States				
Table 1 Technical Assistance provided to Members: 2003/2004				
<i>Sector</i>	<i>Description of Particular Programme:</i>	<i>Form of assistance:</i>	<i>Provided to:</i>	<i>Contacts:</i>
Food Safety	In October 2003, FAS and USDA/ARS funded a technical workshop on the efficient use of water in the Middle East.	The technical training workshop focused on reusing treated wastewater in agriculture.	Israel, West Bank and Jordan.	Sylvana Li Sylvana.li@fas.usda.gov Tel: 202-690-2868
Food Safety	In October 2003, FAS funded a training workshop for plant quarantine officials.	The workshop consisted of ways to improve administrative procedures, clarifying import/export requirements for seeds, accrediting seed companies to conduct phytosanitary field inspection and laboratory tests and eliminating ineffective quarantine regulations.	India, Indonesia, Philippines, Thailand and Vietnam	Micah Rosenblum Micah.rosenblum@fas.usda.gov Tel: 202-720-8096
Food Safety	In October 2003, Cochran provided funds to evaluate the Young Scientists Program (YSP). The program provided mentoring to young scientists by U.S. agricultural scientists at Iowa State, Texas A & M and Cornell Universities.	Conducted a 5-day program to study wine quality and enological techniques.	Serbia-Montenegro	Clemen Gehlar Clement.gehlar@fas.usda.gov Tel: 202-720-1891
Food Safety	In September/October 2003, Cochran funded a training program for veterinarians on herd management and dairy genetics. The program included a short course on embryo transfer techniques in Kansas.	5 veterinarians studied dairy herd management and artificial insemination.	Kenya and Tanzania	Don Evans Don.evans@fas.usda.gov Tel: 202-720-2151
Food Safety	In September/October 2003, Cochran funded a dairy management program. The participants attended the World Dairy Expo in Madison, Wisconsin.	The training, attended by private sector representatives covered dairy herd management practices, breeding methods, and genetics quality issues.	Ecuador and Peru	Susana Garcia Susana.Garcia@fas.usda.gov Tel: 202-720-3382

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Table 1 Technical Assistance provided to Members: 2003/2004

<i>Sector</i>	<i>Description of Particular Programme:</i>	<i>Form of assistance:</i>	<i>Provided to:</i>	<i>Contacts:</i>
Food Safety	In September 2003, FAS funded a Cold Chain training seminar.	The training attendees consisted of 140 regulatory officials and industry experts. The training focused on cold warehouse management, post harvest management and meat management. The seminar also identified and addressed weaknesses in cold chain systems in 24 countries worldwide.	Peru	Megan Schildgen Megan.schildgen@fas.usda.gov Tel: 202-690-3985
Food Safety	In September 2003, FAS funded a Cold Chain training seminar.	The training attendees consisted of 200 regulatory officials and industry experts. The training focused on cold warehouse management, post harvest management and meat management. The seminar also identified and addressed weaknesses in cold chain systems in 24 countries worldwide.	Colombia	Megan Schildgen Megan.schildgen@fas.usda.gov Tel: 202-690-3985
Plant Health	In September 2003, FAS funded a Biosafety seminar.	APHIS conducted training on the environmental safety of genetically engineered plants.	Brazil	Edwin Lewis Edwin.lewis@fas.usda.gov Tel: 202-720-5028
Food Safety	In September/October 2003, FAS funded a chemical residue monitoring training workshop.	The two-week training workshop conducted by the Florida Department of Agriculture's Consumer Services laboratory emphasized chemical residue analysis.	Belize	Scott Goldman Scott.goldman@fas.usda.gov Tel: 202-690-2937
Food Safety	In September 2003, USAID funded an APHIS professional Development Center training workshop of PRA.	The Workshop focused on the design and implementation of Pest Risk Assessment for mangoes, okra, papayas, sweet peppers, chilli peppers, and eggplants. The technical training program also included a new officers training course. A plant health official was also provided training as an insect identifier/taxonomist.	Ghana	Dan Sheesley Dan.sheesley@usda.gov
Food Safety	In September 2003, APHIS funded a course on Epidemiology/GIS for Infectious Diseases.	11 field epidemiologists were trained in various surveillance programs. The training consisted of the use of GPS units, and the use of epidemiology and GIS software.	Guatemala	Angel Cielo Angel.b.cielo@usda.gov

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Table 1 Technical Assistance provided to Members: 2003/2004				
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Food Safety	In October 2003, USDA funded a PRA workshop.	The workshop provided an overview of U.S. market access for agricultural commodities. The workshops were conducted in 3 different locations in Tanzania (Dar Es Salaam, Murugogo and Arusha) and approximately 250 officials attended.	Tanzania	Dan Sheesley Dan.sheesley@usda.gov
Plant Health	In September 2003, APHIS funded a plant health workshop. 4 APHIS PPQ specialists participated in the workshop.	The training targeted fruit fly eradication, papaya mealybug program and scirtothrips.	St. Vincent and Guyana	Angel Cielo Angel.b.cielo@usda.gov
Food Safety	In September 2003, Cochran funded a food safety workshop on herbal and medicinal plants.	The 3 months training program for 2 researchers from the Institute of Arid Region in Tunisia introduced approaches and applications of natural products research and development.	Tunisia	Joyann Binsley – 202-690-0731 Joyann.binsley@fas.usda.gov
Food Safety	In August/September 2003, Cochran funded a food safety program on soy foods. The program was designed in cooperation with the American Soybean Association's World Initiative for Soy in Human Health.	2 researchers studied soy foods and the processing of texturized vegetable protein.	Mozambique and Botswana	Don Evans Don.evans@fas.usda.gov Tel: 202-720-2151
Food Safety	In September 2003, USAID funded a food safety program focusing on raspberry. This training, which is part of a USAID project supporting the Union of Serbia-Montenegro, included a workshop at Cornell University, farm tours in Pennsylvania and Maryland with USDA/AMS and USDA/ARS.	5 officials from Serbia-Montenegro's Fruit Research Institute, Ministry of Agriculture, University of Belgrade, Center of Horticulture and Research Center for Fruit and Grapes studied U.S. raspberry research, production, marketing and export.	Serbia-Montenegro	Marc Hebert Marc.Hebert@fas.usda.gov Tel: 202-690-4872
Food Safety	In September 2003, Cochran funded a "Pork 101" program designed in conjunction with the American Meat Science Association.	The training generated insight pertaining to the value differences in swine, pork carcasses, pork primal, and processed pork products due to quality variations.	Guatemala	Shawn Phillips Shawn.Phillips@fas.usda.gov Tel: 202-690-2735

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Table 1 Technical Assistance provided to Members: 2003/2004

<i>Sector</i>	<i>Description of Particular Programme:</i>	<i>Form of assistance:</i>	<i>Provided to:</i>	<i>Contacts:</i>
Food Safety	In September 2003, Cochran funded a food safety programs on vegetables.	A researcher from the Universidad de Costa Rica studied production, processing, packaging, and quality control of fresh-cut fruit and vegetable products.	Costa Rica	Shawn Phillips Shawn.Phillips@fas.usda.gov Tel: 202-690-2735
Food Safety	In September 2003, Cochran funded a poultry-processing program.	A private sector manager studied poultry processing and the key principles of Hazard Analysis Critical Control Points (HACCP)	Jamaica	Susana Garcia Susana.Garcia@fas.usda.gov Tel: 202-720-3382
Food Safety	In September 2003, State Dept funded an integrated pest management workshop. This program concluded a three-year State Department –funded project that focused on improving regional cooperation to develop better greenhouse management practices for vegetable production. A popular manual "Field Guide to the Common Insects, Mites and Diseases of Greenhouse Grown Sweet Peppers, Cucumbers and Tomatoes" was produced in both English and Arabic.	Training on entomology and integrated pest management strategies was provided to farmers, technicians and Ministry of Agriculture officials.	Israel, Jordan and Egypt	Terence Albrecht Terence.Albrecht@fas.usda.gov Tel: 202-690-1916
Food Safety	In August 2003, FAS and USAID funded a cold chain workshop for the perishable food sector. FAS presented a training seminar for 50 Palestinian managers. This is the first activity under a three-part USAID and USDA agreement to foster agribusiness capacity building in Palestine.	The workshop was designed to help improve management of the perishable food supply chain.	Jordan, West Bank and Gaza	Mark Hawthorne Mark.hawthorne@fas.usda.gov Tel: 202-690-1858
Food Safety	In September 2003, Cochran funded a food inspection program.	2 inspectors from the Muscat Municipality and 1 chemist from the Omani Ministry of Health trained with FDA, FSIS and Texas A &M University on HACCP Principles, food safety principles and regulations for institutional food facilities.	Oman	Joyann Binsley Joyann.binsley@fas.usda.gov Tel: 202-720-0731

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Table 1 Technical Assistance provided to Members: 2003/2004				
<i>Sector</i>	<i>Description of Particular Programme:</i>	<i>Form of assistance:</i>	<i>Provided to:</i>	<i>Contacts:</i>
Food Safety	In September 2003, Cochran funded a meat inspection and food safety workshop.	2 veterinarians and 3 inspectors trained with FSIS on food regulations for livestock products. The Training program included detailed study of slaughterhouse food safety inspection, recall systems for meat products, livestock product testing and HACCP.	Nigeria, Ghana and Uganda	Don Evans Don.evans@fas.usda.gov Tel: 202-720-2151
Animal Health	In September 2003, Cochran funded an animal health program in collaboration with APHIS.	APHIS trained an animal health director and a veterinarian on the U.S. import-export control system for live animals, semen, embryos and animal products.	Thailand	Phuong Mai Phuong.mai@fas.usda.gov Tel: 202-720-9959
Food Safety	In September 2001, Cochran funded a food safety program involving maize.	A researcher from the Colombian Corporation of Agricultural Research Training was trained on measuring amino acids to develop maize varieties with improved human nutritional value.	Colombia	Susana Garcia Susana.Garcia@fas.usda.gov Tel: 202-720-3382
Plant Health	In September 2003, Cochran funded a plant health program on cacao diseases.	Rutgers University and USDA/ARS trained a researcher on cacao diseases and biocontrol agents and their identification.	Panama	Susana Garcia Susana.Garcia@fas.usda.gov Tel: 202-720-3382
Food Safety	In August/September 2003, Cochran funded a meat inspection and food safety program.	FSIS conducted a training seminar for 3 veterinarians on food regulations for livestock products. The training stressed slaughterhouse food safety inspection, recall systems for meat products, livestock product testing and HACCP.	Korea	Phuong Mai Phuong.mai@fas.usda.gov Tel: 202-720-9959
Food Safety	In August 2003, Cochran funded a food safety program to improve risk assessment skills.	Technical training on risk assessment and U.S. consumer food regulations.	Tunisia and Egypt	Joyann Binsley Joyann.binsley@fas.usda.gov Tel: 202-690-0731

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Table 1 Technical Assistance provided to Members: 2003/2004

<i>Sector</i>	<i>Description of Particular Programme:</i>	<i>Form of assistance:</i>	<i>Provided to:</i>	<i>Contacts:</i>
Food Safety	In August 2003, FAS and the U.S. Codex Office funded a technical seminar on food safety. The program brought 40 policymakers from nearly 20 countries in the Southern Africa region and Afghanistan.	The seminar addressed food safety guidelines and avoiding potential barriers to sanitary-phytosanitary protocols. Additional topics covered included WTO/SPS/TBT Equivalence and Codex guidelines, risk analyses.	20 countries in the Southern Africa region and Afghanistan	Anna Ferus Annna.ferus@fas.usda.gov Tel: 202-690-4896
Plant Health	In August 2003, FAS funded an agricultural scientific seminar. This activity occurred under the Agriculture Linkage Program between FAS/ICD and the Uzbekistan's Ministry of Agriculture and Water Resources. The team consisted of a scientist from Uzbekistan's Tashkent State Agrarian University and a researcher from the Institute of Cotton Seed Breeding and Selection.	A scientist and a researcher participated in collaborative research projects. One project was designed to create highly productive, early ripening, pest-resistant cotton cultivars that will be tolerant to extreme environmental factors. The second project examined geographic variability of new cotton varieties' resistance to a soil-borne disease in cotton-wheat rotation areas.	Uzbekistan	Jim Stevenson Jim.Stevenson@fas.usda.gov Tel: 202-720-0788
Food Safety	In August 2003, Cochran funded an agricultural food cooperative program.	Training in U.S cooperative structures and management.	Lesotho	Don Evans Don.evans@fas.usda.gov Tel: 202-720-2151
Food Safety	In August 2003, Cochran funded a training seminar on seed quality and seed certification systems. The group consisted of 2 Kenyans and a Ugandan.	Training on seed processing, sampling, quality assurance, testing, GMO testing, biosafety, and field inspection, as well as seed certification systems, with a focus on government accreditation and auditing.	Kenya and Uganda	Don Evans Don.evans@fas.usda.gov Tel: 202-720-2151
Plant Health	In August 2003, Cochran funded a grain feed training workshop.	Information and technical training on U.S. feed grain production, marketing, transportation and export systems.	China	Phuong Mai Phuong.mai@fas.usda.gov Tel: 202-720-9959
Animal Health	In August 2003, Cochran funded a dairy genetic training program.	Seminars, to foster understanding of semen evaluation, care of bulls and sire selection, as well as modern techniques of locating cows, including nutrition and sanitation.	Serbia-Montenegro	Phillip Harlan Phil.Harlan@fas.usda.gov Tel: 202-690-1243
Food Safety	In August 2003, Cochran funded a	Training included basic risk analysis skills	Argentina, Bolivia,	Shawn Phillips

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	veterinary epidemiology program.	and the key epidemiological components needed in conducting surveillance and monitoring.	Chile, Costa Rica, Guatemala, Haiti, Paraguay, Peru, Uruguay and Venezuela	Shawn.Phillips@fas.usda.gov Tel: 202-690-2735
Food Safety	In August 2003, Cochran funded a food safety program on meat grading.	3 government officials were trained in the U.S. bovine carcass grading system.	Chile	Fred Johnston Fred.Johnston@fas.usda.gov Tel: 202-690-1950
Food Safety/Plant Health	In August 2003, APHIS funded a training workshop on Medfly eradication and Medfly Free Areas. The program reaffirmed the goals of the Regional Medfly Program to: 1.) establish all of Chiapas/Tabasco as Medfly-free by the end of 2005, 2.) eradicate Medfly from Guatemala, Honduras and El Salvador by 2010, and 3.) establish areas free of all fruit flies of economic concern in Central America and regionalize countries to provide for increased trade in products, which are now prohibited.	Training on Medfly eradication.	Mexico, Guatemala, Honduras and El Salvador	Gordon Tween gtween@aphisguate.com
Food Safety	In August 2003, Cochran funded a plant health-training course at Cornell University.	Hands-on training, presentations, information exchange and training on molecular markers with emphasis on analyzing and interpreting data for molecular genotyping.	Columbia	Susana Garcia Susana.Garcia@fas.usda.gov Tel: 202-720-3382