

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

Submission by the United States

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 since 1 January 1995 in accordance with Article 9 of the Agreement on the Application of Sanitary and Phytosanitary Measures. Given the number of US government agencies involved, the diversity of programs, and the five-year time frame, the attached list does not include all relevant technical assistance provided by the United States, either bilaterally or through the appropriate international organizations, to facilitate developing countries to adjust to, and comply with sanitary and phytosanitary measures in their export markets. The United States will submit addenda at later dates to this paper.

US GOVERNMENT AGENCIES INVOLVED IN PROVIDING TECHNICAL ASSISTANCE

1. Several US Government agencies – the US Department of Agriculture (USDA), the US Department of Commerce, the US Food and Drug Administration, the Environmental Protection Agency, and the US Agency for International Development (USAID) – fund and administer technical assistance to developing countries. The Government entities often collaborate and contract with each other to most efficiently use staff and budget resources.

2. Funds for these activities originate directly from agency appropriations and/or indirectly from USAID program and project funds. A full accounting of all technical assistance activities in the general areas of WTO SPS compliance, food safety, plant health and animal health is difficult given the diversity of funding sources, the broad range of activities funded and the multiple objectives of different programs and project related activities. The programs outlined below and the technical assistance activities included in the table reflect those which the United States believes reflect the intent of Article 9.

US Department of Agriculture

3. Various agencies within the Department of Agriculture, including the Foreign Agricultural Service's (FAS') Food Safety and Technical Services Division, FAS' International Cooperation and Development Program Area, the Animal and Plant Health Inspection Service, the Food Safety and Inspection Service, and the Agricultural Research Service provide technical assistance to developing countries.

FAS - International Trade Policy, Food Safety and Technical Services Division

4. The Food Safety and Technical Services Division (FSTSD) is the designated US Notification authority and the Enquiry Point in accordance with Annex B of the SPS agreement. In accordance with paragraph 3 of Annex B, FSTSD is responsible for the provision of answers to all reasonable questions from interested Members, including potential US government sources for technical

assistance funding. Most of FSTSD's limited technical assistance budget has been used to support joint activities with the WTO Secretariat, to facilitate the establishment of operational enquiry points and notification authorities in developing countries, to support regional training seminars, and international standards development. Contact: Lloyd S. Harbert, Director, FAS/ITP/FSTSD, Tel: (202) 720-1301, E-mail: OFSTS@fas.usda.gov.

FAS – International Cooperation and Development (ICD)

5. ICD funds technical assistance activities through direct appropriations through the Cochran Fellowship Program, the Emerging Markets Program, the Scientific Cooperation Program, and the Joint Scientific and Cooperation Program. It also coordinates the provision of technical assistance to developing countries from other agency appropriations to facilitate trade and food security objectives.

Cochran Fellowship Program: The Cochran Fellowship Program provides short-term training in the United States for agriculturalists from selected middle-income countries and emerging democracies. The objectives of the program are: (1) to help countries develop agricultural systems necessary to meet the food needs of their domestic populations; and (2) to strengthen and enhance trade linkages between the countries and US agricultural interests. Since 1996, the Cochran Fellowship Program has trained over 250 international counterparts from over 50 countries in food safety, WTO accession and compliance, and related issues. The majority of these participants are trained in conjunction with the USDA technical assistance agencies (APHIS, FSIS, FSTSD) mentioned above. The Program funds about 60 international participants per year for training in the above areas. This level of activity is expected to increase over the coming years. Contact: Gary Laidig, Tel. (202) 690-1734, Email: laidig@fas.usda.gov.

Emerging Markets Program: Under the Emerging Markets Program, US expertise is provided through technical assistance to promote international trade in agricultural products with emerging markets. Since 1996, this program has funded over 60 different technical assistance activities designed to facilitate better understanding of US regulatory requirements and to resolve specific SPS-related trade constraints. Contact: Calvina Dupre, Tel: (202) 720-0618, E-mail: dupre@fas.usda.gov and/or Lorie Jacobs, Tel: (202) 720-2637, E-mail: jacobs@fas.usda.gov.

Scientific Cooperation Program: Through the Scientific Cooperation Program (SCP), USDA funds collaborative research projects and scientific exchanges on a broad range of subjects in agriculture and forestry. The SCP fosters research and scientific exchanges between United States and foreign scientists on uses of science to help solve mutual critical agricultural problems including technical trade barriers and SPS issues such as food safety and threats from exotic diseases and pests. Funding for joint long-term technical research and short term scientific exchanges in food safety covers 15 projects in 13 countries. Funding for joint long term technical research and short term scientific exchanges targeting animal and plant health trade barriers includes 25 projects in 14 countries. Contact: Calvina Dupre, Tel: (202) 720-0618, E-mail: dupre@fas.usda.gov.

Joint Scientific and Technical Cooperation Program: These projects provide for mutually beneficial research funded with foreign currencies from sales of farm products abroad under Public Law 480 and host country resources. Contact: Carol Kramer-Leblanc, Tel: (202) 690-4872, E-mail: kramer-leblanc@fas.usda.gov.

Animal and Plant Health Inspection Service (APHIS)

6. APHIS provides technical assistance to developing countries in the area of plant and animal health with the aim of promoting science-based quarantine concepts and practices. The International Services (IS) component of APHIS directly employs over 300 Americans and host country nationals stationed in 27 foreign countries on 6 continents. The Deputy Administrator for IS manages the unit from APHIS headquarters in Washington, D.C., and, in coordination with technical and administrative staff in Riverdale, Maryland, supports international operations. Regional offices, area offices, and work units support the IS employees. IS also shares responsibility with other international organizations to manage more than 2,000 host country nationals in various countries who work for international commissions to control specific agricultural pests or diseases.

7. APHIS/IS works with countries seeking to establish preclearance programs. American officers supervise permanent preclearance programs for fruits, vegetables, and flower bulbs destined for the United States from Mexico, Chile, and the Netherlands.

8. Through international contacts, IS gathers and exchanges information on plant and animal health. Through contacts with counterparts, APHIS personnel in other countries obtain information about pest outbreaks, new survey techniques, and control methods.

9. APHIS/IS represents the US Government in dealing with many international and regional organizations concerned with animal and plant health: the Food and Agriculture Organization; World Health Organization; Codex Alimentarius Commission; Office International des Epizooties; World Trade Organization; the International Plant Protection Convention; Pan American Health Organization; European Plant Protection Organization; Inter-American Institute for Cooperation on Agriculture; Colombian Agricultural Institute; International Regional Plant Health Organization, and Asia and Pacific Plant Protection Commission.

10. APHIS officials travel to foreign countries, host foreign country authorities, and participate in multilateral symposiums and consortiums. The most prominent types of assistance have been in the area of risk assessment training, biotechnology regulatory and technical training, biological control workshops, phytosanitary and zoosanitary consultancies, and funding for foreign officials, participation in international standard-setting meetings. Excluded from the following figures are routine bilateral meetings and program activities specifically addressed to exclude pests from the United States. Contact: Dr. Angel Cielo, Deputy Administrator, International Services, APHIS, Tel: (202) 720-7021, E-mail: Cielo@APHIS.USDA.GOV.

Food Safety and Inspection Service (FSIS)

11. FSIS administers the meat and poultry inspection program in the United States. While it does not receive direct appropriations to provide technical assistance to developing countries, FSIS annually conducts an Inspection Seminar for Foreign Government officials. This is a three-week program providing an overview of the US meat and poultry inspection program, livestock production system, and HACCP. Contact: Virginia Olson, Tel (202) 690-3788, e-mail: virginia.olson@usda.gov or Ken Lee, Tel (202) 720-6375, e-mail: ken.lee@usda.gov.

12. FSIS does, however, support technical assistance activities coordinated by other US government bodies by providing technical experts to deliver training and seminars, and by sponsoring participants from developing countries to attend workshops and seminars that enhance their knowledge on technical and regulatory issues. FSIS also provides technical briefings to government officials who visit the Agency headquarters in Washington. Contact: Sally Fernandez, Tel: (202) 501-7251, e-mail: sally.fernandez@usda.gov.

Agricultural Research Service (ARS)

13. The Agricultural Research Service coordinates international agricultural research within the federal government with the aim of effectively linking domestic and international activities, agricultural researchers, and programs. At present, the agency has 368 cooperative linkages with 51 countries, including many in developing nations. ARS is charged with extending the US's scientific knowledge across a broad range of agricultural, forestry, fisheries and food science areas. These include, but are not limited to scientific investigation concerning safe and high-quality food products, human nutritional needs, appropriate natural resource and environment management. Contact: Liz Mayhew, Office of International Programs, ARS, Tel: (301) 504-4521 E-mail: LFM@ARS.USDA.GOV.

14. Selected examples of ARS work with developing countries include:

Cooperation in Controlling Pests and Diseases: ARS has been, and continues to be, an active partner in cooperative projects with colleagues throughout Latin America. Joint research efforts have been crucial in controlling pests and diseases that could cause many millions of dollars of damage to crops and livestock. For example, ARS is providing essential research support to APHIS and Central American countries for the ongoing screwworm eradication program, which has eradicated the livestock pest in Mexico and most of Central America and the United States. The program will establish a permanent barrier in Panama to prevent reinfestation from South America.

ARS-Former Soviet Union (FSU) Scientific Cooperation Program: Established in 1998 with Department of State funding, the ARS-FSU Scientific Cooperation program promotes basic and applied agricultural research and supports the transition of the Newly Independent States (NIS) to market economies by strengthening scientific communities and integrating NIS scientists into the international community.

International Internships at the ARS European Biological Control Laboratory, Montferrier-Sur-Lez, France: The European Biological Control Laboratory (EBCL)'s scientific program's diverse staff and unique situation provide a unique experience for temporary student employees and volunteers, often from developing countries. For college students, the EBCL has a limited program of "international internships" for periods up to three months.

ARS-OIRP Sabbatical Program for Research Scientists: The program affords opportunities for ARS scientists to conduct investigations at foreign institutions. Financial support covers travel and a limited amount of laboratory expenses for up to one year but not less than three months. The objectives of the program are to increase the productivity and impact of ARS research programs; provide additional means to recognize outstanding scientific efforts and enhance an individual scientist's performance and personal growth. Preference is given to sabbaticals at the International Agricultural Research Centers (IARCs) of the Consultative Group of International Agricultural Research (CGIAR). Established to serve National Agricultural Research Systems (NARS) of developing countries and to conduct important, major agricultural research for the developing world, the IARCs strongly encourage development and use of improved crops derived from biotechnology in developing countries.

LABEX Program: In 1998, ARS and EMBRAPA, Brazil's equivalent of ARS, signed a specific agreement for the LABEX program. The objectives of the program are to improve agricultural research cooperation between American and Brazilian institutions and to capitalize on opportunities and research trends with potential benefits for agribusiness in both countries. Currently, five EMBRAPA scientists are collaborating long-term in ARS labs.

Besides supporting scientists in ARS laboratories, EMBRAPA assists 38 post-graduate fellows at US universities.

Foreign Research Associate Program: ARS administers the Foreign Research Associate Program, which extends an opportunity for ARS and foreign scientists to share experience and knowledge at ARS laboratories and research centers throughout the United States. The program mutually benefits both ARS and foreign scientists. In fiscal year 1999, of the 165 foreign scientists participating in this program, 59 were from developing nations.

Grain Inspection, Packers and Stockyards Administration (GIPSA)

15. GIPSA supervises technical assistance projects which focus on improving grain handling, inspection, weighing, and storage. Delivery of these services often involves cooperation with the Foreign Agricultural Service and US trade associations as well as participation and resources from partner countries. Contact: Byron Reilly, Grain Marketing Specialist, of GIPSA, Tel: 202-690-3368 E-mail: byron.reilly@usda.gov.

US Food and Drug Administration (FDA)

16. FDA has a long history of working with foreign governments and international organizations. The cooperation/assistance usually has involved one or more foreign officials visiting/working in FDA facilities for short-term or extended periods or FDA staff traveling to foreign countries on one or more occasions. Examples of these types of cooperation/assistance include:

- consultation (regulatory, scientific and technical)
- cooperative activities in developing national and international scientific and/or regulatory standards
- mutually beneficial cooperative research by foreign scientists in FDA laboratories
- training at FDA facilities of foreign scientists in specific laboratory operations
- training of foreign officials in regulatory, enforcement or inspection procedures
- detailing or seconding of FDA employees to international organizations to work on generic or country-specific projects

17. FDA staff are frequently requested by foreign governments and international organizations to participate in country-specific (or region-specific) international conferences, seminars, training programs, workshops, consultations, and other short-term activities of usually a week or less duration to deliver technical (scientific, administrative, legal, enforcement, etc.) presentations which, in many cases, fall into the category of technical cooperation/assistance. These activities are often associated with emerging issues of direct interest and importance to FDA, and they enable the agency to contribute to resolution of public health issues and otherwise to influence procedures and policy on foods, drugs, cosmetics, biological materials and medical devices worldwide.

18. FDA also receives a large number of requests under its Foreign Visitor Program to accommodate short-term (one week or less) visits by foreign government officials and industry representatives acting on behalf of or in association with foreign governments. These usually entail requests by an individual or group to visit one or several FDA Centers/Offices to obtain a general overview of FDA policy, procedures, facilities and operations. The visits normally range from a few hours to several days depending on the scope of the request and the number of FDA sites visited.

19. FDA has traditionally attempted to accommodate as many of these requests as possible in an effort to explain FDA's public health responsibilities and practices and to encourage other countries to adopt or enhance appropriate public health measures within their own food, drug, cosmetic, biological

material or medical device regulatory systems. FDA intends to continue its international technical assistance activities to strengthen foreign food, cosmetic, drug, biological material and device regulatory systems to the extent practicable within resource constraints.

US Department of Commerce

20. A Department of Commerce initiative partially funded by the Agency for International Development, the Commercial Law Development Division (CLD) supports economic and political reforms underway around the globe. CLD provides training and consultative services to lawmakers, regulators, judges, lawyers, and educators in foreign countries seeking to implement, evaluate, and revise evolving legal systems.

21. CLD legal infrastructure development activities typically highlight laws, regulations, and administrative practices affecting domestic and foreign investment and trade, particularly international economic agreements, foreign investment laws, project and trade finance, export controls, intellectual property rights, public procurement, product standards, and government ethics. CLD professional skills development activities focus on expanding the knowledge and practical skills needed to effectively use international legal structures and to bring new participants and new ideas into the commercial marketplace.

22. Most CLD activities form part of comprehensive assistance programs addressing various aspects of one or two issues interesting a host government. Programs typically include placing expert advisors with host government ministries for periods from a week to a year, providing legal training and skills workshops and bringing policymakers, regulators, and educators to the United States for individualized consultations or educational programs. To ensure that its programs respond to actual needs and coordinate with those of other assistance providers, CLD works closely with consular and other host government officials, as well as other US Government, intergovernmental, and non-governmental organizations. For more information about the CLD, contact: Faraaz Siddiqi Tel: (202) 482-2400, E-mail: Fsididiqi@doc.gov.

VISITORS PROGRAMS

23. Each US government agency in the Executive Branch has staff responsible for arranging itineraries and appointments for foreign visitors interested in understanding US policy, programs, and regulations. These are listed below. Generally, visitors are officials of a foreign government, but may also include members of the business community, consumers organizations or other policy stakeholders. Frequently suggestions for and preliminary arrangements for such visits are made via the US Embassies in those countries.

Food and Drug Administration,
Department of Human Health and Services
Charles Cooper
Tel: 202-205-5042
E-mail: ccooper@cfsan.fda.gov

Animal Plant Health and Inspection Service,
US Department of Agriculture
APHIS Visitors Program, Linda Small
Tel: 301-734-7607
Fax: 301-734-7884
E-mail: vistorcenter@usda.gov

Foreign Agricultural Service, US Department
of Agriculture
FAS Foreign Visitors, Sue Murphy
Tel: 202-720-6725
Fax: 202-690-1149
E-mail: murphym@fas.usda.gov

Food Safety and Inspection Service, US
Department of Agriculture
FSIS Visitor Program International Office
Sally Fernandez
Tel: 202-501-7251
Fax: 202-501-7642
E-mail: sally.fernandez@usda.gov

US Environmental Protection Agency
International Visitors Program
Ms. Diana Gearhardt
Tel: (202) 564-6617
Fax: (202)565-2408
E-mail: Gearhardt.Diana@epa.gov

Grain Inspection, Packers and Stockyards
Administration, US Department of Agriculture
GIPSA Foreign Visitors Program
Mr. Byron Reilly
Tel: (202)720-0226
Fax: (202)720-1015
Agricultural Research Service, US Department
of Agriculture
ARS Visitors Program, Mr. John Kucharski
Tel: 301-504-8483
Fax: 301-504-8069
E-mail: john.kucharski@ars.usda.gov

Agricultural Marketing Service, US
Department of Agriculture
AMS Visitors Program
Ms. Dale Mitchell
Public Affairs Staff
Tel: (202)720-8998
Fax: (202)720-7135
E-mail: dale.mitchell@usda.gov

Cooperative State Research, Education, and
Extension Service, US Department of
Agriculture

CSREES Foreign Visitors Program
Dr. Hiram Larew
International Programs
Tel: (202)720-3801
Fax: (202)690-2235

Economic Research Service, US Department
of Agriculture
ERS Foreign Visitors Program
Ms. Cheryl Christensen
Tel: (202)694-5200
Fax: (202)694-5792
E-mail: cherylc@econ.ag.gov

Forest Service, US Department of Agriculture
FS Foreign Visitors
Mr. Val Mezainis
Tel: (202)205-1650
Fax: (202)273-4749 or 4748
E-mail: vmezainis@fs.fed.us

National Resource Conservation Service, US
Department of Agriculture
Ms. Helen Huntington
Tel: (202)720-2218
E-mail: helen.huntington@usda.gov

National Agriculture Library, US Department
of Agriculture
Ms. Deborah Richardson
Tel: (301)504-5204
E-mail: drichard@nal.usda.gov

24. While not exhaustive, the attached table provides a representative listing of key activities undertaken by the United States since 1995 in the context of Article 9 of the SPS Agreement.

III. Member: United States

Table 3 Technical Assistance provided to Members and Observers in the process of Accession since 1 January 1995

<i>Sector</i>	<i>Description of Particular Program:</i>	<i>Form of assistance:</i>	<i>Provided to:</i>	<i>Contacts:</i>
Food Safety and Animal Health and Plant Health	Port of entry operations: infrastructure management and practical application FY 1997	(1) Three-week expert consultancy of existing port operations at three Venezuela ports to assess adequacy of facilities, equipment and staffing; (2) Three-week, Cochran-funded training for three Venezuelan Animal, Plant Inspection Service (SASA) Inspectors, one each at Miami, San Juan and Laredo, on practical US SPS inspection methods and procedures; (3) Follow-up evaluation on progress made at three ports as per earlier training.	Venezuela	FAS/ICD/FID/TIP Tel: (202) 690-2988
Food Safety and Animal Health and Plant Health	Sub-Saharan Africa WTO Workshop May 1999 in Washington, D.C.	Ten-day training for 37 African officials from 17 different countries on the SPS Agreement, international standards, US regulatory requirements, biotechnology and technical assistance sources	Côte d'Ivoire, Gambia, Ghana, Guinea, Nigeria, Senegal, Ethiopia, Kenya, Tanzania, Uganda, Namibia, Malawi, Mozambique, South Africa, Zambia, Zimbabwe	FAS/ITP/FSTSD Tel: (202)720-1301 Fax: (202)690-0677
Animal and Plant Health	A SPS Distance Learning program to develop an Internet-based learning opportunity with educational modules, CD-ROM and Website. Current Modules include: -An Introduction to International SPS Measures, and -The Approval Process for Importing Plants, Animals and Related Products into the US Modules in process: -Risk Assessment Policy, and -Performing a Risk Assessment	Project involves USDA's Foreign Agricultural Service, the Animal and Plant Health Inspection Service, and the Cooperative State Research, Education, and Extension Service	Using the Caribbean as an example for eventual global application.	Carol Wilson E-mail: cawilson@usaid.gov Tel: 202-712-5118

III. Member: United States

Table 3 Technical Assistance provided to Members and Observers in the process of Accession since 1 January 1995

<i>Sector</i>	<i>Description of Particular Program:</i>	<i>Form of assistance:</i>	<i>Provided to:</i>	<i>Contacts:</i>
Food Safety and Animal Health and Plant Health	Hurricane Reconstruction and assistance	Technical experts for hurricane damage assessment and projects to modernize essential animal and plant health institutions as well as rebuilding food safety infrastructures. Efforts coordinated by USDA/FAS/ICD	Central America and the Caribbean	Betsy Davis Tel: 202-690-1941 davisb@fas.usda.gov
Food Safety and Animal Health and Plant Health	WTO Enquiry Point Training 20-21 October 1999	Establishment and operation of national standards information centers and requirements for WTO Enquiry Points	Nicaragua	JoAnne Overman Tel: (301)975-4037 Fax: (301)926-1559 E-mail: joanne.overman@nist.gov
Food Safety and Animal Health and Plant Health	Biotechnology Information Exchange Programs to look at the US food safety and environmental protection procedures for introducing genetically modified organisms into agricultural and food systems; setting standards and developing science-based regulatory frameworks governing use of biotechnology	Technical scientific exchanges of groups of scientists, technicians, policy makers and regulators	Russia, Estonia, Latvia, and Lithuania	Carol Kramer-Leblanc Tel: 202-690-4872 E-mail: kramer-leblanc@fas.usda.gov
Food Safety and Animal Health and Plant Health	Governmental, university and private sector technical experts to support Inter-American Development Bank (IADB) projects in the area of : - Diagnostics of animal, plant and human health services to enhance laboratory testing capacity for microbial pathogens and pesticide residues (Central America), and	Technical experts include project coordinators and experts in food safety systems and US plant, animal and human health standards	Central American countries and Trinidad and Tobago	David Winklemann Tel: 202-690-1801 E-mail: winklemann@usda.gov

III. Member: United States

Table 3 Technical Assistance provided to Members and Observers in the process of Accession since 1 January 1995

<i>Sector</i>	<i>Description of Particular Program:</i>	<i>Form of assistance:</i>	<i>Provided to:</i>	<i>Contacts:</i>
	- Regulatory services improvement (Trinidad and Tobago)			
Food Safety and Animal Health and Plant Health	Regional Asian Agribusiness Project	1) Review of the first comprehensive Indonesian food code. 2) Train-the-trainer courses on HACCP for seafood in South and Southeast Asia, 3) Basic sanitation and hygiene courses, and 4) Workshop on plant quarantine	1) Indonesia 2) Malaysia, Sri Lanka, India, and Bangladesh 3) Sri Lanka, Bangladesh, and India, 4) Asia and North Africa.	Christian Foster Tel: 202-690-2988 E-mail: fosterc@fas.usda.gov
Food Safety and Animal Health and Plant Health	APEC Risk Assessment Workshop 2 March 1998	Information sharing on agricultural risk assessments with the aim to enhance and strengthen ongoing international harmonization of plant pest and biotechnology related regulatory guidelines and policies	Asia /APEC Economies	Kate DeRemer FAS/CMP Tel: 202-720-0138 Fax: 202-720-0965 E-mail: OFSTS@fas.usda.gov
Food Safety and Animal Health and Plant Health	Biotechnology Seminar November 1999 in Santiago	Seminar on the regulatory review and commercialization of biotechnology	Chile	Food Safety & Technical Services Division Tel: 720-1301 E-mail: OFSTS@fas.usda.gov
Food Safety and Animal Health and Plant Health	Biotechnology Info Exchange Mid-September/October 1998 through December 1999	Information exchange on agricultural biotechnology products in collaboration with Russian scientists, technicians, policy makers and regulators, including members of the Russian Inter-Agency Committee on Genetic Engineering (Working Group on Biotechnology)	Russia	Liz Mayhew USDA/FAS/ICD/RSED Tel: 202-690-2870 E-mail: mayhew@fas.usda.gov
Food Safety and Animal Health and Plant Health	Implementation of the WTO SPS/TBT Agreements 22-23 April 1999	Technical workshop for Russian government officials on implementation of the agreements and development of a transparent food safety regime based on sound science; harmonization with international standards	Russia	Jon Ann Flemings FAS/ITP/EAMED Tel: 720-1277 E-mail: flemingj@fas.usda.gov

III. Member: United States

Table 3 Technical Assistance provided to Members and Observers in the process of Accession since 1 January 1995

<i>Sector</i>	<i>Description of Particular Program:</i>	<i>Form of assistance:</i>	<i>Provided to:</i>	<i>Contacts:</i>
Food Safety and Animal Health and Plant Health	PRA WTO Compliance/Biotech 26-29 April 1999 Warsaw, Poland	Regional Conference on international sanitary and phytosanitary disciplines, including: risk analysis, risk assessment, and risk management; case studies review on risk analysis in area of plant health and biotechnology	Central Eastern Europe; Hungary, Slovenia, Poland, Slovakia, Croatia, Czech Republic, Estonia, Latvia, Lithuania, Romania, Bulgaria, Macedonia, Ukraine, Russia	Mary Lisa Madell Tel: (202)720-0318 Fax: (202)690-2861 E-mail: mlmadell@email.aphis.usda.gov
Food Safety and Animal Health and Plant Health	Biotechnology Orientation Visit July 1999	Ten-day biotechnology orientation visit in the US for 3 Chilean officials on policy development, procedures, controls and safeguards applied for new technologies	Chile	US Embassy Santiago Tel: 56-2-330-3704 E-mail: blabey@rdc.cl
Food Safety and Animal Health and Plant Health	Department of Commerce's Commercial Law Development Division (CLDP) in March 1996	The role of SPS as part of the broader WTO Agreements affecting agriculture	Albania	Faraaz Siddiqi CLDP Tel: 202-482-2400
Food Safety and Animal Health and Plant Health	Department of Commerce's Commercial Law Development Division (CLDP) in August 1996	Consultations on establishment and operation of SPS measures	Latvia	Faraaz Siddiqi CLDP Tel: 202-482-2400
Food Safety and Animal Health and Plant Health	Department of Commerce's Commercial Law Development Division (CLDP) in October 1996 and July 1997	Consultations on establishment and operation of SPS measures; Food safety study tour in the United States.	Lithuania	Faraaz Siddiqi CLDP Tel: 202-482-2400
Food Safety and Animal Health and Plant Health	Department of Commerce's Commercial Law Development Division (CLDP) in February 1998 and 28-29 July 1999	Two separate conferences on SPS measures;	Moldova	Faraaz Siddiqi CLDP Tel: 202-482-2400

III. Member: United States

Table 3 Technical Assistance provided to Members and Observers in the process of Accession since 1 January 1995

<i>Sector</i>	<i>Description of Particular Program:</i>	<i>Form of assistance:</i>	<i>Provided to:</i>	<i>Contacts:</i>
Food Safety and Animal Health and Plant Health	Department of Commerce's Commercial Law Development Division (CLDP) in June 1996; November 1998 and 28 June 1999	Technical Skills Consultations; SPS Measure Issues and Agricultural Trade Related Matters	Russia	Faraaz Siddiqi CLDP Tel: 202-482-2400
Food Safety and Animal Health and Plant Health	Department of Commerce's Commercial Law Development Division (CLDD) in Kiev during May 1995 and February 1998	SPS Seminar and agricultural agreement consultations including SPS measures	Ukraine	Faraaz Siddiqi CLDP Tel: 202-482-2400
Animal Health	Establishment, operation and monitoring of poultry meat residue detection August - September 1999	Training for a team of Lithuanians on residue monitoring systems, including regulatory and practical private sector application at both plants and laboratories	Lithuania	Calvina Dupre Tel: 202-720-0618 E-mail: dupre@fas.usda.gov
Animal Health	Veterinary diagnosis in poultry virology and pathology Fall 1997	Specialized diagnostic in virology and pathology for two Russian veterinarian poultry specialists	Russia	Marolo C. Garcia USDA/APHIS/ VS Tel: (301) 734-8695 Fax: (301) 734-8226 E-mail: mgarcia@aphis.usda.gov
Animal Health	Animal health officials hosted in the United States to review organizational structure, policy procedures, and regulatory development as applied to animal health Autumn 1997	Site visits for two groups of animal health officials to laboratories, universities, federal regulatory agencies and private sector operators	Bosnia-Herzegovina	Richard Petges FAS/DLP Tel: 202-720-3899 Fax: 202-720-0617 E-mail: petges@fas.usda.gov
Animal Health	Sanitary protocol development practical application 1 June-30 August 1998	Sponsored training in Beijing for animal health specialists and officials	China	Richard Petges FAS/DLP Tel: 202-720-3899 Fax: 202-720-0617 E-mail: petges@fas.usda.gov

III. Member: United States

Table 3 Technical Assistance provided to Members and Observers in the process of Accession since 1 January 1995

<i>Sector</i>	<i>Description of Particular Program:</i>	<i>Form of assistance:</i>	<i>Provided to:</i>	<i>Contacts:</i>
Animal Health	Testing of new live vaccines against salmonella in poultry	Short term scientific exchange with US Iowa State University	Hungary	Calvina Dupre Tel: 202-720-0618 E-mail: dupre@fas.usda.gov Lorie Jacobs Tel: 202-720-2637 E-mail: jacobs@fas.usda.gov
Animal Health	Joint project analyzing risks of Foot-and-Mouth Disease entry and parameters for the establishment and designation of free areas	Long term collaborative research project with the US University of California	Argentina	Calvina Dupre Tel: 202-720-0618 E-mail: dupre@fas.usda.gov
Animal Health	Joint agricultural research on the application of biotechnology and other tools to develop an effective vaccine against Anaplasmosis, a worldwide insect-transmitted livestock disease	Long term collaborative research project with USDA's Agricultural Research Service	Brazil	Calvina Dupre Tel: 202-720-0618 E-mail: dupre@fas.usda.gov
Animal Health	Joint development of diagnostic tools for rapid and accurate identification of an emerging livestock disease easily mistaken for Foot-and-Mouth disease	Long term collaborative research project with the US University of Nebraska	Brazil	Calvina Dupre Tel: 202-720-0618 E-mail: dupre@fas.usda.gov
Animal Health	Control possibilities of bovine babesiosis	Long term collaborative research projects with USDA Agricultural Research Service, Animal and Plant Health Inspection Service, and University of Missouri	Mexico	Calvina Dupre Tel: 202-720-0618 E-mail: dupre@fas.usda.gov

III. Member: United States

Table 3 Technical Assistance provided to Members and Observers in the process of Accession since 1 January 1995

<i>Sector</i>	<i>Description of Particular Program:</i>	<i>Form of assistance:</i>	<i>Provided to:</i>	<i>Contacts:</i>
Animal Health	Brucellosis in goats	Long term collaborative research projects with USDA Agricultural Research Service, Animal and Plant Health Inspection Service, and University of Missouri	Mexico	Calvina Dupre Tel: 202-720-0618 E-mail: dupre@fas.usda.gov
Animal Health	Research with Moroccan specialists on improvement options in diagnostic tests for the livestock tick-borne disease babesiosis.	Long term collaborative research project with USDA Agricultural Research Service	Morocco	Calvina Dupre Tel: 202-720-0618 E-mail: dupre@fas.usda.gov
Animal Health	Varroa mite resistance in honey bees	Long term collaborative research projects with USDA Forest Service, Agricultural Research Service, and Animal and Plant Health Inspection Service	Russia	Calvina Dupre Tel: 202-720-0618 E-mail: dupre@fas.usda.gov
Plant Health	Aflatoxin Standards/CODEX January 2000 Brussels March 2000 Beijing June 2000 Rome	Provided 3 briefings on developments in CODEX on aflatoxin standards to 34 countries	Argentina, Bolivia, Brazil, Chile, China, Egypt, Gambia, Granada, India, Indonesia, Ivory Coast, Jamaica, Kenya, Lesotho, Malaysia, Malawi, Mexico, Morocco, Nicaragua, Nigeria, Panama, Paraguay, Peru, Phillippines, Senegal, South Africa, Thailand, Turkey, Uganda, Uruguay, Venezuela, Vietnam, Zambia, Zimbabwe	Kate Deremer FAS/CMP Tel: (202)720-0138 Fax: (202)720-0965 E-mail: OFSTS@fas.usda.gov

III. Member: United States

Table 3 Technical Assistance provided to Members and Observers in the process of Accession since 1 January 1995

<i>Sector</i>	<i>Description of Particular Program:</i>	<i>Form of assistance:</i>	<i>Provided to:</i>	<i>Contacts:</i>
Plant Health	Pest Risk Assessment Workshop 23 March 1997	A Pest Risk Assessment (PRA) Workshop presented in a 5-day course to the Regional Plant Protection Organization to 25-30 technical specialists of the Organization of the Southern Cone (COSAVE)	Latin America/COSAVE	Nicholas Gutierrez USDA/APHIS Tel: 301-734-4384 E-mail: ngutierr@aphis.usda.gov
Plant Health	Management of Pink Hibiscus Mealy bug	Field survey trips to Belize and a consultative trip to countries affected by pink hibiscus mealybug in Central America to provide technical expertise; development of inspection operations, and a workshop to educate local and regional plant officials about biocontrols and survey techniques	Guatemala and Mexico	Christine Sloop USDA/FAS/CMP/ HTP Tel: 202-690-2702 E-mail: sloopc@fas.usda.gov
Plant Health	Fruit/Vegetable Pest List/Procedures April 1997	Development of an updated pest index for the Dominican Republic, development of a manual of standard instructions for plant health/quarantine officials for diagnosing pests/diseases at port of entry and treatment of quarantinable diseases, workshop and training of officials from the DR and Haiti	Dominican Republic Haiti	Susan R. Schayes FAS Santo Domingo Tel: 688-8090 (809)
Plant Health	PPQ Team Visit January 26-30, 1998	Evaluated citrus industry operations and provided leaning opportunities about pest and disease control inspections, and certificate procedures	Argentina	Brian Grunefelder Tel: (202)690-2702 Fax: (202)720-3799
Plant Health	Fresh Produce Issues November 17-24, 1999	Technical discussions on the fresh fruit entry protocols, including site visits to view shipment procedures and information exchange on fresh vegetables, stone fruit, and sweet cherries	Philippines	Kevin Sage FAS Manila Tel: 63-2-804-0347 E-mail: agmanila@fas.usda.gov

III. Member: United States				
Table 3 Technical Assistance provided to Members and Observers in the process of Accession since 1 January 1995				
<i>Sector</i>	<i>Description of Particular Program:</i>	<i>Form of assistance:</i>	<i>Provided to:</i>	<i>Contacts:</i>
Plant Health	Karnal bunt resistance	United States-India cooperation on Indian wheat varieties resistant to rust and Karnal bunt and field testing of US winter wheat cultivars for natural resistance to Karnal bunt	India	Carol Kramer-Leblanc Tel: 202-690-4872 E-mail: kramer-leblanc@fas.usda.gov
Plant Health	Researchers collaborating to more accurately identify white fly crop pests	Long term collaborative research project with the US University of Arizona	Argentina	Calvina Dupre Tel: 202-720-0618 E-mail: dupre@fas.usda.gov
Plant Health	United States, Brazilian and Mexican scientific cooperation on research to develop methods to control the trade-related ergot disease of sorghum	Long term collaborative research project with the US Texas A&M University	Brazil and Mexico	Calvina Dupre Tel: 202-720-0618 E-mail: dupre@fas.usda.gov
Plant Health	Development of an integrated pest management program to prevent importation of pine bark beetles on logs	Long term collaborative research project with the US University of Washington	Chile	Calvina Dupre Tel: 202-720-0618 E-mail: dupre@fas.usda.gov
Plant Health	Exploration and importation of natural enemies of the brown citrus aphid from its native habitat	Long term collaborative research project with USDA Agricultural Research Service	China	Calvina Dupre Tel: 202-720-0618 E-mail: dupre@fas.usda.gov
Plant Health	Soybean rust used in validating a neural network model assessing risks of exotic quarantine diseases	Long term collaborative research project with US Iowa State University	China	Calvina Dupre Tel: 202-720-0618 E-mail: dupre@fas.usda.gov
Plant Health	Joint research with Mexico on developing more accurate and rapid detection methods for Karnal bunt disease of wheat	Long-term collaborative research projects with USDA Agricultural Research Service, Animal and Plant Health Inspection Service, and University of Missouri	Mexico	Calvina Dupre Tel: 202-720-0618 E-mail: dupre@fas.usda.gov

III. Member: United States

Table 3 Technical Assistance provided to Members and Observers in the process of Accession since 1 January 1995

<i>Sector</i>	<i>Description of Particular Program:</i>	<i>Form of assistance:</i>	<i>Provided to:</i>	<i>Contacts:</i>
Plant Health	Heat and cold temperature death kinetics of the mango fruit fly, a quarantine threat	Long term collaborative research project with USDA Agricultural Research Service	Palau and Fiji	Calvina Dupre Tel: 202-720-0618 E-mail: dupre@fas.usda.gov
Plant Health	Joint research with Russia developing a monitoring system for the Siberian moth	Long term collaborative research projects with USDA Forest Service, Agricultural Research Service, and Animal and Plant Health Inspection Service	Russia	Calvina Dupre Tel: 202-720-0618 E-mail: dupre@fas.usda.gov
Plant Health	Joint research with South Africa on managing the movement of pathogens and germ plasm of Protea cut flowers	Long term collaborative research projects with USDA Animal and Plant Health Inspection Service, Agricultural Research Service, and the University of Illinois	South Africa	Calvina Dupre Tel: 202-720-0618 E-mail: dupre@fas.usda.gov
Plant Health	Integrated pest management of the small hive beetle	Long term collaborative research projects with USDA Animal and Plant Health Inspection Service, Agricultural Research Service, and the University of Illinois	South Africa	Calvina Dupre Tel: 202-720-0618 E-mail: dupre@fas.usda.gov
Plant Health	White rust and downy mildew in sunflowers	Long term collaborative research projects with USDA Animal and Plant Health Inspection Service, Agricultural Research Service, and the University of Illinois	South Africa	Calvina Dupre Tel: 202-720-0618 E-mail: dupre@fas.usda.gov
Plant Health	Biological control of stemborers	Long term collaborative research projects with USDA Animal and Plant Health Inspection Service, Agricultural Research Service, and the University of Illinois	South Africa	Calvina Dupre Tel: 202-720-0618 E-mail: dupre@fas.usda.gov
Plant Health	Soybean rust characterization through the application of biotechnology	Long term collaborative research projects with USDA Agricultural Research Service	Zimbabwe	Calvina Dupre Tel: 202-720-0618 E-mail: dupre@fas.usda.gov

III. Member: United States

Table 3 Technical Assistance provided to Members and Observers in the process of Accession since 1 January 1995

<i>Sector</i>	<i>Description of Particular Program:</i>	<i>Form of assistance:</i>	<i>Provided to:</i>	<i>Contacts:</i>
Plant Health	Seed workshops encouraging establishment of private seed trade associations, including seed marketing, agricultural biotechnology, and food safety aspects	Seed Workshops	Ukraine, China, Africa	Calvina Dupre Tel: 202-720-0618 E-mail: dupre@fas.usda.gov
Plant Health	Fumigation training	Short term training in Jamaica to determine appropriate regulatory treatments and monitor fumigation procedures	Jamaican Ministry of Agriculture, Plant Quarantine/ Produce Inspection Unit and Ministry of Commerce and Technology, Food Storage and Prevention of Infestation Division	William O. Wade Telephone (301) 663-0342 E-mail: William.O.Wade@usda.gov
Plant Health	State-of-the-art methodologies for conducting commodity and pest risk assessments in support of scientifically-based regulatory decision making	USDA's Animal Plant Health Inspection Service (APHIS) specialists delivered one week pest risk assessment workshops to train technical-level staffs FY1999 activity	Guyana, Grenada, Poland and Ecuador	Eric.Nichols@USDA.gov Tel: 202-720-3456
Plant Health	Technical training	APHIS specialist presented material at the IPPCs Working Group on Pest Risk Analysis Fiji, September 1999	Developing countries which belong to the IPPC	Eric.Nichols@USDA.gov Tel: 202-720-3456
Plant Health	Week long regional meetings facilitated technology transfer opportunities to national plant protection organizations	APHIS conducted biological control workshops on control of injurious pests in found in Central America FY99 and 2 nd Q FY 2000 activity	Belize and Mexico	Eric.Nichols@USDA.gov Tel: 202-720-3456

III. Member: United States

Table 3 Technical Assistance provided to Members and Observers in the process of Accession since 1 January 1995

<i>Sector</i>	<i>Description of Particular Program:</i>	<i>Form of assistance:</i>	<i>Provided to:</i>	<i>Contacts:</i>
Plant Health	Pest identification workshop	APHIS-supported activity	Bahamas	Eric.Nichols@USDA.gov Tel: 202-720-3456
Plant Health	Organization, application and policy development in phytosanitary issues - case experience from the United States	APHIS-supported activity	Philippines and Russia	Eric.Nichols@USDA.gov Tel: 202-720-3456
Plant Health	Plant health specialist reviewed and presented recommendations to Ecuadorian authorities on options for national plant health infrastructure	APHIS-supported activity	Ecuador	Eric.Nichols@USDA.gov Tel: 202-720-3456
Plant Health	Specialists assessed impact of Mediterranean fruit fly in the region	APHIS-supported activity	Grenada, Costa Rica, El Salvador, Honduras, Nicaragua and Panama	Eric.Nichols@USDA.gov Tel: 202-720-3456
Plant Health	Pesticide Testing Methodologies for onions March 1997	Technical exchange with FDA scientists and Costa Rica to compare sampling and pesticide testing of onions with Ministry of Agriculture scientists	Costa Rica	Calvina Dupre Tel: 202-720-0618 E-mail: dupre@fas.usda.gov Lorie Jacobs Tel: 202-720-2637 E-mail: jacobs@fas.usda.gov
Plant Health	Plant Health review and evaluation on Oriental and Caribbean Fruit Fly	Technical exchange	Colombia	Calvina Dupre Tel: 202-720-0618 E-mail: dupre@fas.usda.gov Lorie Jacobs Tel: 202-720-2637 E-mail: jacobs@fas.usda.gov

III. Member: United States				
Table 3 Technical Assistance provided to Members and Observers in the process of Accession since 1 January 1995				
<i>Sector</i>	<i>Description of Particular Program:</i>	<i>Form of assistance:</i>	<i>Provided to:</i>	<i>Contacts:</i>
Plant Health	Plant Health review and evaluation on Oriental Fruit Fly August 1996	Technical Exchange	Argentina	Calvina Dupre Tel: 202-720-0618 E-mail: dupre@fas.usda.gov Lorie Jacobs Tel: 202-720-2637 E-mail: jacobs@fas.usda.gov
Food Safety	FDA Training Program on Risk Assessment Procedures for Residues of Veterinary Drugs in Food. November 1999 in Berlin, Germany	Program organized by FAO	African Countries	Robert Livingston E-mail: rlivingston@cvm.fda.gov Tel: 301-594-5903
Food Safety	Brazilian Institute of Food Technology international conference on the approval of packaging for foods and beverages - Legislation in Brazil, Mercosur, United States and European Union September 1998, in São Paulo	FDA addressed the topic of "Food Packaging Legislation in the USA - the role of the FDA" and reviewed harmonization requirements regarding testing and migration for packaging materials	Mercosur countries: Brazil, Argentina, Uruguay, Paraguay	Dennis Keefe E-mail: dkeefe@cfsan.fda.gov Tel: 202-418-3113
Food Safety	The Inter-American Development Bank (IADB) provides loan packages to developing nations, largely to improve infrastructure. IADB has decided to include a food safety assessment in their initial examination of a country's systems 1998	FDA participated in two food safety systems assessments as a consultant to the bank: Assessments were completed for Honduras, Trinidad and Tobago	Honduras, Trinidad and Tobago	Camille Brewer E-mail: cbrewer@cfsan.fda.gov Tel: 202-260-2314

III. Member: United States

Table 3 Technical Assistance provided to Members and Observers in the process of Accession since 1 January 1995

<i>Sector</i>	<i>Description of Particular Program:</i>	<i>Form of assistance:</i>	<i>Provided to:</i>	<i>Contacts:</i>
Food Safety	FDA participated in 1999 in a USDA/USAID-lead post-hurricane re-assessment.	A food safety component was included. Sections of the needs assessment protocol were used in USDA-lead post-hurricane assessments of the three countries.	Honduras, Nicaragua, El Salvador, and Guatemala	Camille Brewer E-mail: cbrewer@cfsan.fda.gov Tel: 202-260-2314
Food Safety	FDA co-sponsored with IADB/USDA/USAID a project planning meeting in St. Lucia, West Indies for countries assessed under the Caribbean Food Safety Initiative February 2000	Developing food safety proposals based on completed assessments	St. Lucia	Camille Brewer E-mail: cbrewer@cfsan.fda.gov Tel: 202-260-2314
Food Safety	FDA co-hosted a regional outreach meeting on food safety with the government of Chile for delegations from throughout South America October 1999	Over 150 delegates participated and addressed various aspects of preventing food borne pathogens	Chile and other South American countries	Camille Brewer E-mail: cbrewer@cfsan.fda.gov Tel: 202-260-2314
Food Safety	Two programs held in Chile May-June 2000	One symposium dissected partnerships and reviewed the US Food Safety Initiative. The second was a train-the-trainer program on good agricultural practices	Chile	Camille Brewer E-mail: cbrewer@cfsan.fda.gov Tel: 202-260-2314
Food Safety	China National Advisory Committee for Imported Food Safety Control and Inspection, September 1996 in Zhuhai, China October 1997 and Hangzhou, China	FDA staff participated as members of China's National Advisory Committee on Imported Food Safety. The Advisory Committee, coordinated by the Chinese Ministry of Health and comprised of representatives from various Chinese government agencies, is developing approaches and procedures for positioning China's import inspection regimen for foods to be WTO consistent. FDA provided	China	John Jones E-mail: jjones@cfsan.fda.gov Tel: 202-205-4311

III. Member: United States				
Table 3 Technical Assistance provided to Members and Observers in the process of Accession since 1 January 1995				
<i>Sector</i>	<i>Description of Particular Program:</i>	<i>Form of assistance:</i>	<i>Provided to:</i>	<i>Contacts:</i>
		details of the US programs for monitoring the safety of imported foods and US approaches for ensuring consistency of such programs with the WTO SPS Agreement		
Food Safety	National Laboratories of Food and Drugs on the safety assessment of food additives September 1998	FDA staff provided technical assistance on the safety evaluation of food contact substances	Chinese Taipei	Dennis Keefe E-mail: dkeefe@cfsan.fda.gov Tel: 202-418-3113
Food Safety	Consultations to evaluate import concerns associated with mycotoxins in maize September 1998	FDA provided to government representatives in Croatia and Montenegro technical advice on analytical methods for monitoring aflatoxins in foods to ensure accuracy of testing methodology applied to imported maize	Croatia, Montenegro	Mary Trucksess E-mail: mtrucksess@cfsan.fda.gov Tel: 202-205-4429
Food Safety	Expert review of Egyptian systems for quality control in foods	Project involved a comprehensive review of Egypt 's food regulatory system with an objective of aligning this system more closely with the requirements of the WTO SPS and TBT Agreements. The procedures for establishing and enforcing food safety and quality standards were reviewed and recommendations made for change, including recommendations relating to minimizing duplicative inspection and testing, revising food standards to focus more clearly on food safety issues, establishing regulations relating to the prevention of consumer fraud, and the updating of laboratory and inspection facilities and capabilities	Egypt	Michael Wehr E-mail: mwehr@cfsan.fda.gov Tel: 202-260-2786

III. Member: United States

Table 3 Technical Assistance provided to Members and Observers in the process of Accession since 1 January 1995

<i>Sector</i>	<i>Description of Particular Program:</i>	<i>Form of assistance:</i>	<i>Provided to:</i>	<i>Contacts:</i>
Food Safety	Seminar on "Introduction to Food Labeling Laws and Regulations in the United States" January/February 2000, Cairo, Egypt.	Assist Egyptian food processors understand FDA's legal requirements for food products they intend to export to the United States	Egypt	John Tisler E-mail: jtisler@cfsan.fda.gov Tel: 202-205-5251
Food Safety	Aflatoxin Analysis Workshop Cairo, Egypt	FDA provided technical training on analytical methods for monitoring aflatoxins in foods to staff of the Central Health Laboratories	Egypt	Mary Trucksess E-mail: mtrucksess@cfsan.fda.gov Tel: 202-205-4429
Food Safety	March 1999, Cairo, Egypt	FDA staff evaluated food control laboratories in Egypt	Egypt	Samuel Page E-mail: spage@cfsan.fda.gov Tel: 202-205-4355
Food Safety	August 1999, Cairo, Egypt	FDA staff trained Egyptian food control officials	Egypt	Samuel Page E-mail: spage@cfsan.fda.gov Tel: 202-205-4355
Food Safety	FDA has been engaged extensively with the government of Guatemala to investigate possible pathogens sources on raspberries Since 1998	Raspberries from Guatemala were implicated epidemiologically with episodes of cyclospora induced illnesses. Since that time, FDA has assisted the government and berry industry of Guatemala to determine possible sources of contamination and to implement effective control measures	Guatemala	John Kvenberg E-mail: jkvenberg@cfsan.fda.gov Tel: 202-205-4187

III. Member: United States

Table 3 Technical Assistance provided to Members and Observers in the process of Accession since 1 January 1995

<i>Sector</i>	<i>Description of Particular Program:</i>	<i>Form of assistance:</i>	<i>Provided to:</i>	<i>Contacts:</i>
Food Safety	A workshop organized by USDA/APHIS and Cornell University for biotechnology regulators from 18 South and Southeast Asia countries Madras, India July 1997	FDA's policy and oversight of bioengineered foods prior to marketing	India, South Asia, Southeast Asia	Nega Beru E-mail: nberu@cfsan.fda.gov Tel: 202-205-5321
Food Safety	A workshop organized by the United States-Israel Technology Commission for government regulators and members of industry Herzliya, Israel December 1996	Regulation of food and color additives and GRAS ingredients including approval processes; food control policy and oversight regarding bioengineered foods	Israel	Nega Beru E-mail: nberu@cfsan.fda.gov Tel: 202-205-5321
Food Safety	Conference on the Application of Risk Analysis in Food Safety, Tel Aviv, Israel, November 1999	Presentation on "Risk Analysis of Chemical Hazards in Foods: A General Overview."	Israel	Dennis Keefe E-mail: dkeefe@cfsan.fda.gov Tel: 202-418-3113
Food Safety	FDA is conducting an assessment of methods to detect toxic hypoglycin in ackee, a Jamaican traditional fruit May 2000	The Jamaican Bureau of Standards provided FDA laboratories with samples and a hypoglycin standard. FDA will determine appropriate methodology to determine compliance with regulatory limits for hypoglycin in ackee	Jamaica	Camille Brewer E-mail: cbrewer@cfsan.fda.gov Tel: 202-260-2314
Food Safety	FDA invited the Jamaican Bureau of Standards to attend and participate in the July/August 2000 advanced thermal processing school in Chicago	Jamaican inspectors requested training on how to assess thermal processing systems in processing plants for compliance with FDA regulations	Jamaica	Camille Brewer E-mail: cbrewer@cfsan.fda.gov Tel: 202-260-2314

III. Member: United States

Table 3 Technical Assistance provided to Members and Observers in the process of Accession since 1 January 1995

<i>Sector</i>	<i>Description of Particular Program:</i>	<i>Form of assistance:</i>	<i>Provided to:</i>	<i>Contacts:</i>
Food Safety	FDA participated on a mission with the Inter-American Development Bank to assess the agricultural food safety programs of the Jamaican government May 2000	Food Safety	Jamaica	Camille Brewer E-mail: cbrewer@cfsan.fda.gov Tel: 202-260-2314
Food Safety	At the invitation of WHO and coordinated by the WHO Regional Office for the Eastern Mediterranean, Alexandria, Egypt, FDA staff participated as a temporary adviser on safety of food preservatives, antioxidants and colors in Amman, Jordan, at the Jordanian Ministry of Health in November 1997	Responsibilities included 1) Testing for the identity and concentration of preservatives, antioxidants and food colors; 2) Presentations on food technology, US regulation of preservatives and color additives, ISO/IEC Guide 25 (General Requirements for the Competence of Testing and Calibration Laboratories) sulfites and HACCP, and bromates in bread manufacture, BHA and BHT in fats and oils; and 3) identification of color additives	Jordan	Dennis Keefe E-mail: dkeefe@cfsan.fda.gov Tel: 202-418-3113
Food Safety	A workshop organized by Jordan Export and Development Commercial Centers Corp. for government regulators and for members of industry Amman, Jordan December 1996	Presented regulation of food and color additives and GRAS ingredients including approval processes. Also explored FDA's policy and oversight regarding bioengineered foods as well as the FDA consultation process for these foods before they enter the market	Jordan	Nega Beru E-mail: nberu@cfsan.fda.gov Tel: 202-205-5321
Food Safety	A workshop organized by USDA/APHIS for biotechnology regulators from several Latin American and Caribbean countries Riverdale, MD October 1996	Examined FDA's policy and oversight regarding bioengineered foods as well as the FDA consultation process for these foods before they enter the market	Latin America and the Caribbean	Nega Beru E-mail: nberu@cfsan.fda.gov Tel: 202-205-5321
Food Safety	Harmonization of Laboratories in the Americas - FDA has worked closely with the Pan American	The goals of INFAL are to promote and facilitate the harmonization of the food laboratories in the Americas, establish a	Latin America and the Caribbean	Maritza Colon-Pullano E-mail: mpullano@oc.fda.gov> Tel: 301-

III. Member: United States

Table 3 Technical Assistance provided to Members and Observers in the process of Accession since 1 January 1995

<i>Sector</i>	<i>Description of Particular Program:</i>	<i>Form of assistance:</i>	<i>Provided to:</i>	<i>Contacts:</i>
	Health Organization to establish the Inter-American Network of Food Analytical Laboratories (INFAL) - a system of identifying competent analytical laboratories in each participating country in Latin America and the Caribbean 1997-2000	regional program in analytical quality assurance, stimulate technical cooperation on food safety laboratory issues among the involved countries, and build confidence in the safety of foods traded in the region.		827-4553
Food Safety	2nd International Congress on Food Packaging by CYTED March 2000, Hermosillo, Mexico	Presentation delivered on regulating packaging in the United States, including new initiatives (PMN)	Mexico	Dennis Keefe E-mail: dkeefe@cfsan.fda.gov Tel: 202-418-3113
Food Safety	September 1997, Pan-American Mycotoxicology Course, Mexico City, Mexico.	FDA provided technical training on analytical methods for monitoring aflatoxins in foods to Mexican government and food industry representatives.	Mexico	Mary Trucksess E-mail: mtrucksess@cfsan.fda.gov Tel: 202-205-4429
Food Safety	May 2000 -- FSI staff participated in the development and implementation of a Farm Investigation Course for FDA and State Staff.	FSI invited representatives from Mexico and Canada to participate in this meeting. Foreign delegates will be able to apply the investigational techniques introduced in the course to investigating outbreaks of foodborne disease in their home countries.	Mexico	Camille Brewer E-mail: cbrewer@cfsan.fda.gov Tel: 202-260-2314

III. Member: United States

Table 3 Technical Assistance provided to Members and Observers in the process of Accession since 1 January 1995

<i>Sector</i>	<i>Description of Particular Program:</i>	<i>Form of assistance:</i>	<i>Provided to:</i>	<i>Contacts:</i>
Food Safety	Collaborative Exchange with Mexico	In June 1998, DHHS and USDA signed a Joint Statement with Mexico to cooperate on food safety issues. Projects under the Joint Statement were structured under the Collaborative Exchange. The Ministry of Health of Mexico and USDA were included in discussions.	Mexico	Camille Brewer E-mail: cbrewer@cfsan.fda.gov Tel: 202-260-2314
Food Safety	FDA coordinated food safety initiative-related activities such as consultations, materials review and training in Mexico with SAGAR (Agriculture) and other Mexican federal level agencies, as appropriate.	FDA reviewed training materials being developed by SAGAR for their Information/Diffusion, Basic, and Specialized Training Programs, and will provide comments and input. FDA shared with SAGAR information on the field courses on epidemiology, traceback and microbiology for possible inclusion in its Specialized Training Program.	Mexico	Camille Brewer E-mail: cbrewer@cfsan.fda.gov Tel: 202-260-2314
Food Safety	Three collaborative exchanges were held in Washington, D.C. in January and April 1999, and February 2000.	At these meetings, participants formalized a structure and lines of communication for joint projects in the areas of research, outbreak response and training.	Mexico	Camille Brewer E-mail: cbrewer@cfsan.fda.gov Tel: 202-260-2314
Food Safety	Key accomplishments of the Collaborative Exchange with Mexico	The Regional Meeting on Food Safety for North and Central America. This meeting was telecast throughout Mexico and reached an audience of over 6,000 growers, producers and processors, and government officials. Improved communication, coordination and cooperation in outbreak response resulted from the exchange. Also, a research symposium intended to identify joint collaborative research projects on food safety was held in May 2000. Twelve senior US scientists met with their counterparts from SAGAR's research	Mexico	Camille Brewer E-mail: cbrewer@cfsan.fda.gov Tel: 202-260-2314

III. Member: United States

Table 3 Technical Assistance provided to Members and Observers in the process of Accession since 1 January 1995

<i>Sector</i>	<i>Description of Particular Program:</i>	<i>Form of assistance:</i>	<i>Provided to:</i>	<i>Contacts:</i>
		institute to exchange information on research programs and to develop strategies to conduct joint research.		
Food Safety	1990-2000 - FDA has worked collaboratively with the Mexican Intersecretarial Commission for the Control of the Processing and Use of Pesticides, Fertilizers and Toxic Substances (CICOPLAFEST) to address pesticide residue issues associated with differing pesticide usage practices in Mexico and the United States.	FDA coordinates and conducts bi-annual pesticide working group meetings with CICOPLAFEST government officials responsible for the establishment and control of pesticide uses in Mexico and participates in ongoing exchanges of legislation, regulations, guidelines, and technical documents associated with pesticide usage and requirements in both countries.	Mexico	Maritza Colon-Pullano E-mail: mpullano@oc.fda.gov> Tel: 301-827-4553
Food Safety	Review and Modernization of the Laboratory Support Component of Ministry of Agriculture's Export Certification Program (a USAID funded project).	Morocco maintains a comprehensive governmental program to certify food product exports to target markets. A component of this project is analysis to ensure compliance with the food safety and, as appropriate, quality requirements of the target export country. This project involved comprehensive assessment of the laboratory to ensure that the facilities (including analytical equipment), personnel and operating procedures would complement the support provided by USAID (equipment purchase, training) to enhance laboratory operation.	Morocco	Michael Wehr E-mail: mwehr@cfsan.fda.gov Tel: 202-260-2786

III. Member: United States

Table 3 Technical Assistance provided to Members and Observers in the process of Accession since 1 January 1995

<i>Sector</i>	<i>Description of Particular Program:</i>	<i>Form of assistance:</i>	<i>Provided to:</i>	<i>Contacts:</i>
Food Safety	In January 1996, the United States and Russia signed a Memorandum of Understanding (MOU) concerning foods traded between the two countries.	The purpose of the MOU is to assure the safety and quality and appropriate labeling of foods traded between the two countries. The MOU provides for information exchange, training activities, dispute resolution, and movement to recognition and use of international food safety standards and procedures. FDA staff have participated in numerous technical assistance exchanges with Russian counterparts under provisions of the MOU.	Russia	Catherine Carnevale E-mail: ccarnevale@cfsan.fda.gov Tel: 202-205-5032
Food Safety	May 1997, Proficiency Testing and Analytical Workshop for Aflatoxins, Bangkok, Thailand.	FDA provided technical training on analytical methods for monitoring aflatoxins in foods to staff of the Ministry of Public Health of the Thai government and to food industry representatives.	Thailand	Mary Trucksess E-mail: mtrucksess@cfsan.fda.gov Tel: 202-205-4429
Food Safety	April 1998, Mycotoxin Analysis Workshop, Bangkok, Thailand.	FDA provided technical training on analytical methods for monitoring aflatoxins in foods to staff of the Ministry of Public Health of the Thai government and to food industry representatives.	Thailand	Mary Trucksess E-mail: mtrucksess@cfsan.fda.gov Tel: 202-205-4429
Food Safety	February 1999, Tunis, Tunisia. FDA staff participated in an FAO-sponsored Mycotoxin Consultation for Africa Countries.	Mycotoxin	Tunisia, North African Countries	Samuel Page E-mail: spage@cfsan.fda.gov Tel: 202-205-4355
Food Safety	Conference on Food Packaging in Tunis, Tunisia, 3 November 1999.	Presentation delivered on regulating packaging in the United States, including new initiatives (PMN)	Tunisia	Dennis Keefe E-mail: dkeefe@cfsan.fda.gov Tel: 202-418-3113

III. Member: United States				
Table 3 Technical Assistance provided to Members and Observers in the process of Accession since 1 January 1995				
<i>Sector</i>	<i>Description of Particular Program:</i>	<i>Form of assistance:</i>	<i>Provided to:</i>	<i>Contacts:</i>
Food Safety	April 1995, Control of Mycotoxins in Food, Montevideo, Uruguay (FAO-sponsored).	FDA provided technical training on analytical methods for monitoring aflatoxins in foods to staff of the Laboratorio Technical del Uruguay.	Uruguay	Mary Trucksess E-mail: mtrucksess@cfsan.fda.gov Tel: 202-205-4429
Food Safety	July 1997, Methods of Analysis for Mycotoxins in Foods, University of Venezuela Caracas, Venezuela.	FDA provided technical training on analytical methods for monitoring aflatoxins in foods to Venezuelan government and food industry representatives.	Venezuela	Mary Trucksess E-mail: mtrucksess@cfsan.fda.gov Tel: 202-205-4429
Food Safety	The 9th International Technical Consultation of Veterinary Medicinal Products (ICVMP) held in Hanoi, Viet Nam in April 1999.	OIE organized the meeting to provide information to Southeast Asian countries on the effective implementation of an appropriate veterinary pharmaceutical control program.	Viet Nam, Southeast Asia	Robert Livingston E-mail: rlivingston@cvm.fda.gov Tel: 301-594-5903
Food Safety	1995 Lecture Series on Food Safety in Hanoi, Vietnam	FDA staff provided government officials in Viet Nam with a comprehensive overview of US food safety requirements pertaining to imported foods.	Viet Nam	Charles Cooper E-mail: ccooper@cfsan.fda.gov Tel: 202-205-5042
Food Safety	Regulatory Consultations Bilateral Consultations	Besides its technical assistance activities, FDA routinely consults with food safety regulatory officials to address existing or emerging food safety issues associated with imported foods from particular countries. These consultations often involve exchange of technical information aimed at improving an exporting country's ability to meet US food safety requirements. Over the last several years, FDA has conducted substantive bilateral food safety regulatory consultations with various countries to resolve specific food safety problems.	Examples include Brazil, Guatemala, Mexico, Turkey, China, Chinese Taipei, Thailand, India, among others.	Charles Cooper E-mail: ccooper@cfsan.fda.gov Tel: 202-205-5042

III. Member: United States

Table 3 Technical Assistance provided to Members and Observers in the process of Accession since 1 January 1995

<i>Sector</i>	<i>Description of Particular Program:</i>	<i>Form of assistance:</i>	<i>Provided to:</i>	<i>Contacts:</i>
Food Safety	General Training on US Food Safety Import Requirements FDA Import Requirements and Procedures	FDA provides more general training to exporting countries on import monitoring approaches and practices. FDA has provided training regarding FDA's requirements for successful importation of foods to the United States. This activity included an overview of the structure of FDA, the mechanics of the entry process, an explanation of the laws, primary regulations and import alerts, as well as the automatic detention process and the function of compliance programs.	Many countries including Bulgaria, India, Panama, Malaysia, Thailand, Republic of Korea, South Africa, Mexico, Morocco, Israel, Jordan, Antigua, and Barbados have received this training.	Leonard Nessen E-mail: lnessen@cfsan.fda.gov Tel: 202-205-4606
Food Safety	Better Process Control Schools - Low-Acid and Acidified Canned Foods	FDA participates in the "Better Process Control Schools" industry-government collaboration. The activity is intended to provide food industries in developing countries with training in the handling, monitoring and documentation of thermally processed low-acid and acidified canned foods. In addition, the "schools" have concentrated on improving the safety and quality of foods produced in developing countries for domestic consumption and export markets and providing an understanding of the food safety import requirements of the United States.	Costa Rica (1997) Morocco (1998) the Philippines (1997) Jamaica (1995)	Charles Cooper E-mail: ccooper@cfsan.fda.gov Tel: 202-205-5042

III. Member: United States

Table 3 Technical Assistance provided to Members and Observers in the process of Accession since 1 January 1995

<i>Sector</i>	<i>Description of Particular Program:</i>	<i>Form of assistance:</i>	<i>Provided to:</i>	<i>Contacts:</i>
Food Safety	Seafood Safety Since December 1997, FDA has implemented a comprehensive seafood safety program based on the principles of Hazard Analysis and Critical Control Points (HACCP)	FDA's HACCP program is intended to ensure the safety of domestic US and imported seafood. FDA has conducted extensive outreach activities to the governments and seafood industries of exporting countries to describe the purpose of FDA seafood regulations. This outreach effort includes numerous seminars and other presentations by FDA technical staff on the FDA HACCP regulations and on how exporting countries can facilitate the ability of their seafood industries to produce safe seafood according to HACCP principles.	These presentations have been given in countries of all regions of the world.	Charles Cooper E-mail: ccooper@cfsan.fda.gov Tel: 202-205-5042