

Table 1: Proposed In-country Training Programme on Food Safety in the Context of the SPS Agreement

Participants	Module / Contents	Trainers	Implementing Agency	Duration (Days)	Estimated cost ¹	
					NRs	US\$
Food Inspectors and Quality Control Officers (15)	Module 1: Training Master Trainers in Food Inspection and Certification <ul style="list-style-type: none"> • SPS measures and requirements • International food standards • Risk-based food inspection • Modern inspection techniques • Enforcement and compliance • Certification of food imports and exports • The concept of “Good Practices” including GAP, GHP and GMP • The concept of risk analysis 	External Trainers (international experts)	DFTQC	12	3000 NRs / person / day 540,000	7,560
Food Inspectors / technical assistants (25) Quality control officers (20)	Module 2: Introductory training on food safety, quality and international trade <ul style="list-style-type: none"> • Introduction to the SPS Agreement, SPS measures and key terms • Relevant SPS measures / standards for food safety and quality • International food safety and quality standards • Role of inspection, monitoring, surveillance, enforcement in meeting international requirements • The concept of risk analysis for food safety 	Trained Trainers ² (Internal)	DFTQC	6	2500 NRs / person / day 675,000	9,450

¹ Based on an exchange rate of NRs 100 = US\$ 1.40 (IMF, 11 January 2007).

² Mid-level officials (who participated in the sectoral training of trainers workshops and training abroad on specialized subjects) would serve as trainers for the in-country training programme. National consultants and government officials trained through other projects (e.g. legal experts) will also serve as trainers for the in-country training programme. Selection and supervision of legal experts will be carried out by LEGN.

Food Inspectors / Technical assistants (50)	Module 3: Risk-based food inspection and modern inspection techniques <ul style="list-style-type: none"> • Setting priorities • Sampling and food analysis • Frequency of inspection • Procedures and guidelines for: i) different types of inspection (primary production, food processing, retail, markets, catering facilities, etc.) and ii) specific foods. • Quality assurance • Reporting and record keeping • Emergency preparedness and food epidemiology 	Trained Trainers (Internal)	DFTQC	10	2500 NRs / person / day 1,250,000	17,500
Food Inspectors (25) Officers: SPS Enquiry Points and National Notification Authority of SPS (5) Officers: Food Technology and Quality Control Division (5) Officers: Regional offices and customs points (5) Legal officers (5)	Module 4: Enforcement of food legislation <ul style="list-style-type: none"> • National food law and regulations • Legal obligations under SPS Agreement • Procedures and guidelines for compliance and enforcement: • Compliance verification and response to non-compliance • Cross-border food trade (formal and informal/illegal) • Enforcement actions and appeals process • Product recall, etc. 	Trained Trainers (Internal)	DFTQC	6	2500 NRs / person / day 675,000	9,450

Food Inspectors / Technical assistants and Quality Control Officers (50)	Module 5: Certification of food imports / exports <ul style="list-style-type: none"> • Procedures for export / import certification • Requirements (including documentation) • Monitoring of residues and contaminants 	Trained Trainers (Internal)	DFTQC	6	2500 NRs / person / day 750,000	10,500
Total						54,460

Table 2: Proposed In-country Training Programme on Plant Health in the Context of the SPS Agreement

Participants	Modules / Content	Trainers	Implementing Agency	Duration (Days)	Estimated cost ³	
					NRs	US\$
<ul style="list-style-type: none"> Plant protection and quarantine officers (officer level) (20) 	Module 1: ToT / Specialized Training Master Trainers in Plant Health <ul style="list-style-type: none"> SPS measures and requirements International phytosanitary standards Plant health inspection and quarantine Phytosanitary certification Enforcement and compliance Specialized skills for phytosanitary inspection and quarantine Establishment of pest-free areas Pest diagnosis and handling Pest risk analysis 	External Trainers (international experts)	DOA / NPQP	15	3000 NRs / person / day 900,000	12,600
<ul style="list-style-type: none"> Plant protection and quarantine officers (supervisors) (20) Junior technicians / operators (20) 	Module 2: Methyl Bromide (MB) Fumigation <ul style="list-style-type: none"> Theoretical understanding of the principles of fumigation. Health effects of MB and First Aid and Emergency medical management. Safe exposure standards for MB and Safety precautions Pre-fumigation procedures and checks Proper use of fumigation equipment Maintaining required gas concentrations and monitoring activities Evaluating a successful fumigation Post fumigation and aeration procedures Record management, etc 	External trainers (Funds provided within the allocated budget)	DOA / NPQP	6	2500 NRs / person / day 600,000	8,400

³ Based on an exchange rate of NRs 100 = US\$ 1.40 (IMF, 11 January 2007).

Participants	Modules / Content	Trainers	Implementing Agency	Duration (Days)	Estimated cost ³	
					NRs	US\$
Plant protection and quarantine officers (supervisors) (20) Junior Technicians (20)	Module 3: Plant Health Inspection and Quarantine <ul style="list-style-type: none"> • SPS measures and requirements • Sampling regimes for inspection • Inspection procedures and methods • Use of detection system and seed inspection techniques • Phytosanitary action and measures • Post-entry quarantine • Cross-border trade (formal and informal/illegal) 	Trained trainers (internal)	DOA / NPQP	6	2500 NRs / person / day 600,000	8,400
Technical officers, plant quarantine officials, scientists (20)	Module 4: Specialized skills for Pest Risk Analysis <ul style="list-style-type: none"> • Concept of PRA • Steps of PRA • Use of PRA (Setting Commodity Specific Import Requirements of a Country) • SPS Agreement & ALOP • Undertaking PRA 	Trained trainers (internal)	DOA / NPQP and Nepal Agri Research Council (NARC)	8	2500 NRs / person / day 400,000	5,600
Technical officers, plant quarantine officials, scientists (20)	Module 5: Specialized skills for establishment of Pest Free Area <ul style="list-style-type: none"> • Concept of PFA • Conducting delimiting surveys • Pest Free Place or site of production • Yearly action to establish pest free freedom • System to maintain pest freedom 	Trained trainers (internal)	DOA / NPQP and Nepal Agri Research Council (NARC)	12	2500 NRs / person / day 600,000	8,400

Participants	Modules / Content	Trainers	Implementing Agency	Duration (Days)	Estimated cost ³	
					NRs	US\$
Technical Officers, Plant Protection and quarantine officers, government scientists and Technical assistants (45)	Module 6: Pest Surveillance and Monitoring <ul style="list-style-type: none"> • Concept of Survey and Monitoring System • Types of Survey and Pest Documentation • Surveillance Procedures (General) • Pests/ host Specific Survey Procedure 	Trained trainers (internal)	DOA / NPQP and Nepal Agri Research Council (NARC)	6	2500 NRs / person / day 675,000	9,450
Plant protection and quarantine officers (supervisors) (25)	Module 7: Pest diagnosis and handling <ul style="list-style-type: none"> • Recognizing the signs and symptoms and presence of pests associated with regulated articles • Use of diagnostic tools for primary identification • Collection and submission of specimen • Recognizing weed seed contamination 	Trained trainers (internal)	DOA / NPQP and Nepal Agri Research Council (NARC)	10	2500 NRs / person / day 625,000	8,800
Plant Protection and quarantine officers (20)	Module 8: Phytosanitary Certification and administrative procedures <ul style="list-style-type: none"> • Export certification system of Nepal • Concept of PRA and import regulation Mechanism • Phytosanitary documentation • Liaison with stakeholders and relevant border agencies/ authority. • Prosecution of non-compliance and enforcement. 	Trained trainers (internal)	DOA / NPQP	5	2500 NRs / person / day 250,000	3,500
Total						65,150

Table 3: Proposed In-country Training Programme on Animal Health in the Context of the SPS Agreement

Participants	Modules / Content	Trainers	Responsible Implementing Agency	Duration (Days)	Estimated cost ⁴	
					NRs	US\$
Senior / mid-level veterinary officials (20)	Module 1: ToT / for Master Trainers in Veterinary Inspection and quarantine <ul style="list-style-type: none"> • SPS measures and requirements • International standards • Inspection and quarantine • Residue and pesticide control programmes • Contaminants • Maximum residue limits in meat, milk and their products • Disease recognition • Certification • Enforcement and compliance • Monitoring, surveillance and traceability of animal diseases 	External Trainers (international experts)	DLS	15	3000 NRs / person / day 900,000	12,600
Veterinary inspectors and quality control officers, animal quarantine officers (40)	Module 2: Essentials and specialised skills of veterinary inspection and quarantine <ul style="list-style-type: none"> • Relevant SPS measures and standards for animal health • Inspection of veterinary drugs and biologicals • Sample preparation, preservation and dispatch • Animal quarantine • Disease recognition (transboundary animal diseases, major zoonosis, fish and bee diseases) and treatment of suspected animals • Monitoring and surveillance • Compliance and enforcement 	Trained trainers	DLS/AHD	10	2500 NRs / person / day 1,000,000	14,000

⁴ Based on an exchange rate of NRs 100 = US\$ 1.40 (IMF, 11 January 2007).

Participants	Modules / Content	Trainers	Responsible Implementing Agency	Duration (Days)	Estimated cost ⁴	
					NRs	US\$
Veterinary quality control officers, technicians and Field veterinary technicians (40)	Module 3: “Good Practices” in the area of veterinary control including animal health in production, transportation and slaughter houses <ul style="list-style-type: none"> • The concept of “good practices” • Good veterinary practices • Good management practices • Transportation • Slaughter house management • Slaughtering and dressing • Preservation of meat 	Trained trainers (internal)	DLS	10	2500 NRs / person / day 1,000,000	14,000
Meat inspectors and quality control officers, animal quarantine officers (40)	Module 4: Import / export certification of animals and animal products <ul style="list-style-type: none"> • Import risk analysis of live animals and animal products • Documentation requirements • Mutual Recognition Agreements (MRA) • Negotiation skills • Certification and compilation 	Trained trainers (internal)	DLS	6	2500 NRs / person / day 600,000	8,400
Veterinary inspectors and quality control officers, animal quarantine officers (40)	Module 5: Enforcement and compliance <ul style="list-style-type: none"> • Animal health legislation, relevant government regulations, standards and notices • Enforcement actions • Cross border trade (formal and informal/illegal) in animals and animal products • Legal procedure for filing a case • Response to non-compliance • Appeals process 	Trained trainers (internal)	DLS	3	2500 NRs / person / day 300,000	4,200

Participants	Modules / Content	Trainers	Responsible Implementing Agency	Duration (Days)	Estimated cost ⁴	
					NRs	US\$
Senior and mid-level veterinary officers (20)	Module 6: Animal health risk analysis <ul style="list-style-type: none"> • Principles of animal health risk analysis • Risk assessment • Risk management • Risk communication 	Trained trainers (internal)	DLS	10	2500 NRs / person / day 500,000	7,000
Total						60,200