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Part 6 Summary of Responses to Day 2 Nominal Group Discussion Questions

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Identify Communication Strategies for Important Mycotoxin Issues of Relevance to Consumers

Responses from Oak and Teak

No weighting

Issue 1: Lack of knowledge of health implications of consuming mycotoxin

contaminated food (JFL note: Responses by this group to this issue seem to be independent activities, rather than part of something

coordinated)

Trusted Source: Ministry of Health & Population (MoHP)

Information Channel: TV
Method/Tactic: Leaflets

Trusted Source: Ministry of Agriculture & Livestock Development (MoALD)

Information Channel: Radio
Method/Tactic: Brochure

Trusted Source: Ministry of Education, Science & Technology (MoEST)

Information Channel: Newspapers Method/Tactic: Jingles

Trusted Source: Department of Food Technology & Quality Control (DFTQC)

Information Channel: Social media Method/Tactic: Miking (??)

Trusted Source: Consumer Associations Information Channel: Academic curriculum

Method/Tactic: Consumer awareness training

Issue 2: Lack of knowledge of sources of mycotoxin exposure and

contamination

Trusted Source: DFTQC & MoALD

Information Channel: Publications

Method/Tactic: Poster and pamphlets

Trusted Source: Consumer Associations

Information Channel: Audio/Video materials for radio and TV Method/Tactic: Public Service Announcements (PSAs)

Trusted Source: MoPH and MoALD

Information Channel: Websites Method/Tactic: Notices

Trusted Source: MoPH and research organizations

Information Channel: Publications and media

Method/Tactic: Indexed journals and social media

Trusted Source: Academic authorities

Information Channel: TV, cell phone, computer, and newspaper

Method/Tactic: Training courses, published articles, animations, videos, and brochures

Issue 3: Assurance of clean, mycotoxin-free products and services

Trusted Source: DFTQC

Information Channel: Extension and development agents

Method/Tactic: Training with supply chain demonstrations

Trusted Source: Government agencies Information Channel: Research findings

Method/Tactic: Workshops and training sessions

Trusted Source: Trade associations

Information Channel: TV
Method/Tactic: PSAs

Trusted Source: MoHP Information Channel: Media

Method/Tactic: TV, radio, ringback tone on call

Trusted Source: Policy makers and regulators

Information Channel: Regulations

Method/Tactic: Periodic official reports, and black lists

Issue 4: Strengthen DFTQC capacity for regulating mycotoxins

Trusted Source: MoALD

Information Channel: Research journals Method/Tactic: Publications

Trusted Source: National Planning Commission

Information Channel: Annual budget plan

Method/Tactic: Line ministry budgetary information system

Trusted Source: Development partners

Information Channel: Project Memorandum of Undestanding (MoU)

Method/Tactic: Project document

Trusted Source: Research Institute Information Channel: Research work Method/Tactic: Published data

Trusted Source: Academia
Information Channel: Research work
Method/Tactic: Published data

Issue 5: Poor coordination between regulatory agencies and consumer

activists

Trusted Source: MoALD

Information Channel: Coordination Committee (Is this an existing entity?)

Method/Tactic: Meetings

Trusted Source: MoPH

Information Channel: Coordination Committee

Method/Tactic: Meetings

Trusted Source: Provincial government Information Channel: Planning and budgeting

Method/Tactic: Provincial line ministry budgetary information system

Trusted Source: Local government
Information Channel: Planning and budgeting
Method/Tactic: Annual plan and program

Trusted Source: Consumer Associations
Information Channel: Meetings with stakeholders
Method/Tactic: Social audit and public hearings

Issue 6: Lack of robust policy, rules and regulations regarding consumers'

right to take action against suppliers

Trusted Source: Local government

Information Channel: Department assessments for regulators and policy makers

Method/Tactic: Government work reports and Departmental press conferences

Trusted Source: Government ministries

Information Channel: Web sites

Method/Tactic: Public policies and notifications

Trusted Source: Private and government sectors

Information Channel: Web sites

Method/Tactic: Agency notices and publications

Trusted Source: Policy makers

Information Channel: Consumer Associations
Method/Tactic: Notices and publications

Trusted Source: MoALD and MoPH

Information Channel: Media

Method/Tactic: Information boards, posters, and pamphlets

Identify Communication Strategies for Important Mycotoxin Issues of Relevance to Producers, Traders & Distributors

Responses from Cherry, Elm, Oak, Pine and Teak

No weighting

Issue 1: Knowledge about mycotoxins

Trusted Source: Media

Information Channel: Newspaper

Method/Tactic: Paper based/Digital

Trusted Source: Ministry of Agriculture and Livestock Development (MoALD)

Information Channel: Radio/TV
Method/Tactic: Audio/Visual

Trusted Source: Research Institute

Information Channel: Article

Method/Tactic: Paper based or digital

Trusted Source: Friends
Information Channel: Verbal
Method/Tactic: Discussion

Trusted Source: Farmers' Associations
Information Channel: Verbal and observation
Method/Tactic: Workshops and site visits

Issue 2: Lack of awareness of mycotoxin health implications

Trusted Source: Consumer forum

Information Channel: Directives, policies, and strategies

Method/Tactic: Litigation and advocacy

Trusted Source: Ministry of Education, Science & Technology (MoEST)

Information Channel: Curriculum development for educational material

Method/Tactic: Documentaries, videos, radio programs, field demonstrations, role-

playing exercises, and street plays

Trusted Source: MoALD

Information Channel: Guidelines, policies, and strategies Method/Tactic: Advocacy and social media pages

Trusted Source: World Health Organization (WHO) and Food and Agriculture

Organization (FAO)

Information Channel: WHO and FAO web sites and white papers

Method/Tactic: Education, training, pamphlets, television, and social media

Issue 3: Increase basic knowledge of mycotoxins

Trusted Source: MoALD and Ministry of Health & Population (MoHP) working together

Information Channel: Training and workshops

Method/Tactic: Training materials, videos and guidelines

Trusted Source: National Farmers' Group Federation

Information Channel: Federation extension network at federal, provincial & local levels Method/Tactic: Notice boards, posters, pamphlets, jingles, group discussions and

training sessions

Trusted Source: MoALD

Information Channel: Agricultural development office

Method/Tactic: Guidelines and notices

Trusted Source: Agricultural research agencies

Information Channel: Government agriculturalists on radio and TV Method/Tactic: Videos, demonstrations, and training sessions

Issue 4: Health hazards posed by mycotoxins

Trusted Source: Department of Food Technology & Quality Control (DFTQC)

Information Channel: Budget and planning

Method/Tactic: Awareness and training programs

Trusted Source: MoHp

Information Channel: Budget and planning

Method/Tactic: Awareness and training programs

Trusted Source: MoALD

Information Channel: Budget and planning

Method/Tactic: Awareness and training programs

Trusted Source: Nepal Health Research Council

Information Channel: Research activities

Method/Tactic: Dissemination and publications

Trusted Source: MoEST Information Channel: Policy

Method/Tactic: Academic curriculum

Issue 5: Increase audience's basic knowledge of mycotoxins

Trusted Source: MoALD

Information Channel: Scientific publications
Method/Tactic: Indexed journals

Trusted Source: Development agencies Information Channel: Local government

Method/Tactic: In-person training sessions

Trusted Source: International and domestic Non-government Organizations (InGO/NGO)

Information Channel: Short message in audio/visual formats

Method/Tactic: Radio/TV

Trusted Source: MoALP and MoHP

Information Channel: Publication and education

Method/Tactic: Pamphlets, training and curriculum development

Trusted Source: Academic authorities, policy makers, and regulators Information Channel: TV, mobile phones, computers, and newspapers

Method/Tactic: Articles, animation videos, brochures, and training courses

Issue 6: Knowledge of mycotoxin regulatory limits

Trusted Source: DFTQC

Information Channel: Technical regulation

Method/Tactic: Surveillance

Trusted Source: MoALD
Information Channel: Guidelines
Method/Tactic: Publication

Trusted Source: MoHP

Information Channel: Awareness program

Method/Tactic: Publications

Trusted Source: Research institutes
Information Channel: Research activities
Method/Tactic: Data dissemination

Trusted Source: Academia

Information Channel: Research, Classes and Workshops

Method/Tactic: Curriculum

Issue 7: Rules and regulations

Trusted Source: MoALD

Information Channel: Policies and strategies Method/Tactic: Published policies

Trusted Source: Local government

Information Channel: Leaflet
Method/Tactic: Distribution

Trusted Source: Farmers' Associations

Information Channel: Meetings

Method/Tactic: Group discussions

Trusted Source: Media Information Channel: Radio

Method/Tactic: Audio Public Service Announcements (PSAs)

Trusted Source: Agriculture Knowledge Centers

Information Channel: Brochures Method/Tactic: Distribution

Issue 8: Government prioritization of mycotoxin problems

Trusted Source: National Agricultural Research Center (NARC) and National Health

Research Center (NHRC)

Information Channel: Scientific publications

Method/Tactic: Policy briefs

Trusted Source: Farmer's group federation of Nepal and MoALD (networks at three

levels)

Information Channel: Media

Method/Tactic: Discussions of advocacy of issues

Trusted Source: United Nations (UN) agency research Information Channel: Documentation and publications

Method/Tactic: Workshops

Trusted Source: NARC, NHRC, and private companies

Information Channel: Research journal articles
Method/Tactic: Policy results and advocacy

Issue 9: Good Agricultural Practices (GAP)

Trusted Source: FAO and peer reviewed publications
Information Channel: FAO and publishers' web sites

Method/Tactic: Workshops, training sessions, and training of traitors

Trusted Source: MoALD

Information Channel: Extension bodies, local partners and local government Method/Tactic: Videos, posters, pamphlets, infographics, and radio jingles

Trusted Source: Farmers' Associations

Information Channel: Press releases, radio, television, newspapers, and social media

Method/Tactic: Social media, YouTube, and official websites

Trusted Source: UN agencies and civil society

Information Channel: Annual and survey reports submitted to government bodies

Method/Tactic: Seminars, meetings, group discussions, and communication and

cooperation between multiple groups

Issue 10: GAP, Good Manufacturing Practices (GMP), and distribution

practices

Trusted Source: MoALD guidelines Information Channel: Extension agents

Method/Tactic: Videos, flyers, training materials, training sessions, workshops

Trusted Source: MoALD

Information Channel: Agriculture technicians

Method/Tactic: Practical, field and classroom-based training sessions

Trusted Source: NARC and MoALD

Information Channel: Radio Method/Tactic: Jingles

Trusted Source: National Farmer's Group of Nepal

Information Channel: Federal, provincial and local extension networks

Method/Tactic: Focused group discussions paired with practical training sessions

Trusted Source: DFTQC

Information Channel: Food technologists

Method/Tactic: Training of trainers, and training sessions

Issue 11:GMPsTrusted Source:DFTQCInformation Channel:Guidelines

Method/Tactic: Monitoring and surveillance

Trusted Source: Ministry of Industry, Commerce and Supplies (MoICS)

Information Channel: Regulations Method/Tactic: Registration

Trusted Source: Local government

Information Channel: Regulations Method/Tactic: Registration

Trusted Source: Third party certification agents

Information Channel: Standard
Method/Tactic: Certification

Trusted Source: Cooperatives Information Channel: Committees

Method/Tactic: Awareness campaign

Issue 12: Management of bulk storage

Trusted Source: Local government

Information Channel: Local government and local community decisions

Method/Tactic: Reports, meetings, and fund allocations

Trusted Source: UN agencies – FAO, UN Food Program (UNFP), and UN Development

Program (UNDP)

Information Channel: Reports disseminated to local bodies via coordination between local

governments and UN Agencies

Method/Tactic: Meetings and pamphlets

Trusted Source: MoALD

Information Channel: Internal communication directives

Method/Tactic: Advocacy

Issue 13: Post-harvest distribution systems and facilities

Trusted Source: Academics, NGOs and government (level?)

Information Channel: Extension service, mobile devices, and web sites

Method/Tactic: Articles, animations, videos, brochures and training courses

Trusted Source: Local government

Information Channel: Media

Method/Tactic: Pamphlets and posters

Trusted Source: Producer's trade associations

Information Channel: Local government Method/Tactic: Capacity building

Trusted Source: MoALD

Information Channel: Local extension agents

Method/Tactic: Training sessions and materials, and pamphlets

Issue 14: Proper storage practices

Trusted Source: DFTQC

Information Channel: Radio program Method/Tactic: Audio PSA

Trusted Source: MoALD

Information Channel: Agriculture technicians
Method/Tactic: Training sessions

Trusted Source: Media Information Channel: Radio

Method/Tactic: Audio PSAs

Trusted Source: Producers' Association

Information Channel: Meetings

Method/Tactic: Group discussions

Trusted Source: Research Institute Information Channel: Exhibition workshop

Method/Tactic: Technology demonstrations

Issue 15: Cheap, easy and quick lab tests for mycotoxins

Trusted Source: MoALD

Information Channel: Traders' associations

Method/Tactic: Publications

Trusted Source: Policy makers and regulators Information Channel: Workshops and web sites

Method/Tactic: Presentations, posters, animations, videos, brochures, and training

Trusted Source: MoALD and research organizations

Information Channel: Local stakeholders
Method/Tactic: Posters and pamphlets

Trusted Source: MoALD and universities

Information Channel: Extension workers

Method/Tactic: Camps and training sessions

Trusted Source: Research institutions and national laboratories

Information Channel: Media and publications

Method/Tactic: Web sites, training sessions, and workshops

Identify Communication Strategies for Important Mycotoxin Issues of Relevance to Health Professionals

Responses from Pine and Cherry

No weighting

Issue 1: Awareness of the effects of mycotoxins on health

Trusted Source: Health professionals

Information Channel: **Training** *Method/Tactic*: Audio/visual

Trusted Source: Ministry of Health & Population (MoHP)

Information Channel: Radio/TV

Method/Tactic: Audio/video PSA

Trusted Source: School syllabus

Information Channel: **Books**

Method/Tactic: Pictorial information

Trusted Source: Local government

Information Channel: Workshop

Method/Tactic: Group discussion

Trusted Source: Ministry of Agriculture & Livestock Development (MoALD)

Information Channel: FM TV

Audio/visual *Method/Tactic*:

Issue 2: Limited understanding of impact of mycotoxins in a vulnerable

population

Journals and conference presentations *Trusted Source*:

Information Channel: Conventional media

Method/Tactic: Training, conferences and education

Trusted Source: World Health Organization (WHO), World Food Program (WFP),

Ministry of Health & Population, hospitals and local government

Information Channel: Study reports, health trend data and authorized websites Method/Tactic:

Publications, annual reports, workshops and conferences

Issue 3: Lack of skilled health professionals

Trusted Source: Universities, peer-reviewed publications, WHO, and Food & Agriculture

Organization of the United Nations (FAO)

Information Channel: Inclusion of issue in curriculum of health professionals, journal

websites, FAO website, and WHO website

Method/Tactic: Educate health professionals via routine training, group discussions,

lectures, seminars and workshops

Trusted Source: MoHP

Information Channel: Strategies, guidelines, and training manuals

Method/Tactic: Videos, posters, pamphlets, brochures and leaflets

Trusted Source: National Health Education Information & Communication Center

(NHEICC) and Nepal Health Resource Council (NHRC)

Information Channel: Official websites

Method/Tactic: Demonstrations, radio programs, website information, and workshops

Issue 4: Training about mycotoxin impacts for health professionals

Trusted Source: Scientific resources

Information Channel: Meetings

Method/Tactic: Knowledge sharing

Trusted Source: Civil Society Organizations (CSOs)

Information Channel: Microbiologists

Method/Tactic: Training

Trusted Source: Local government

Information Channel: Workshops
Method/Tactic: Demonstrations

Trusted Source: Local government
Information Channel: Health posts (officials?)
Method/Tactic: Radio/TV (PSAs?)

Trusted Source: MoALD Information Channel: Training

Method/Tactic: Demonstrations

Issue 5: Mycotoxin mitigation policies

Trusted Source: MoALD Information Channel: Media

Method/Tactic: Audia/visual

Trusted Source: National Planning Commission

Information Channel: Under secretary

Method/Tactic: Meetings and discussions

Trusted Source: MoHP
Information Channel: Leaflets
Method/Tactic: Distribution

Trusted Source: Local government

Information Channel: Radio (FM)

Method/Tactic: Audio

Trusted Source: MoALD Information Channel: Meetings

Method/Tactic: Group discussions

Issue 6: Limited health testing facilities and capabilities

Trusted Source: National Public Health Laboratory Information Channel: Testing package and websites

Method/Tactic: Campaigns, training, and testing camps

Trusted Source: Major hospitals in the area

Information Channel: Websites and mobile applications

Method/Tactic: Radio, newspapers, brochures and videos

Trusted Source: Local and provincial governments

Information Channel: Extension offices at local and provincial levels

Method/Tactic: Training and advocacy

Trusted Source: WHO and FAO

Information Channel: WHO and FAO websites

Method/Tactic: Training, raising awareness via professional magazines

Identify Communication Strategies for Important Mycotoxin Issues of Relevance to Policy Makers & Regulators

Responses from Cherry, Oak, Pine and Teak

No weighting

Issue 1: Awareness training

Trusted Source: Ministry of Agriculture & Livestock Development (MoALD)

Information Channel: Media

Method/Tactic: Audio/Visual

Trusted Source: Farmers' Associations

Information Channel: Training
Method/Tactic: Group work

Trusted Source: Local government

Information Channel: Meetings

Method/Tactic: Group discussions

Trusted Source: Civil Society Organizations (CSOs)

Information Channel: Technical officers

Method/Tactic: Training

Trusted Source: Agriculture Knowledge Center (JFL: 51 of these in country)

Information Channel: Radio Method/Tactic: Audio

Issue 2: Lack of awareness and competency on mycotoxin issues

Trusted Source: Government training centers
Information Channel: Trainers and training materials
Method/Tactic: Training trainers and trainees

Trusted Source: Research institutes

Information Channel: Publications and other research materials

Method/Tactic: Reports, local language pamphlets, educational videos, and awareness

campaign

Trusted Source: US Food & Drug Administration (FDA)

Information Channel: Website

Method/Tactic: Workshops, and international conferences and forums

Issue 3: Lack of mycotoxin regulations

Trusted Source: Food and Agriculture Organization of the United Nations (FAO),

CODEX Alimentarius standards, Channel Television, and Nepal

Law Commission

Information Channel: FAO website, NLC publications, and website of the Supreme Court of

Nepal

Method/Tactic: Comparison to existing and/or missing standards and limits, internet

exchanges, meetings, reports, and Nepal Gazette

Trusted Source: Department of Food Technology and Quality Control (DFTQC)

Information Channel: DFTQC web site and publications

Method/Tactic: Video and in-person meetings and fact sheets

Issue 4: Rules and regulations

Trusted Source: MoALD
Information Channel: Booklet
Method/Tactic: Distribution

Trusted Source: Local government

Information Channel: Media Method/Tactic: Audio

Trusted Source: Farmers' Associations

Information Channel: Pamphlets Method/Tactic: Distribution

Trusted Source: CSOs

Information Channel: Research papers Method/Tactic: Workshops

Trusted Source: MoALD
Information Channel: Radio
Method/Tactic: Audio

Issue 5: Formulating laws, rules, regulations, policies and strategies to mitigate mycotoxin contamination

Trusted Source: MoALD

Information Channel: Acts and regulations

Method/Tactic: Surveillance and monitoring

Trusted Source: Ministry of Health & Population (MoHP)

Information Channel: Policies

Method/Tactic: Surveillance and monitoring

Trusted Source: Ministry of Law, Justice & Parliamentary Affairs (MoLJPA)

Information Channel: Approval Committee

Method/Tactic: Memos

Trusted Source: Consumers' fora

Information Channel: Meetings and workshops Method/Tactic: Minutes of meetings

Trusted Source: Policy Research Institute

Information Channel: Research
Method/Tactic: Dissemination

Issue 6: Agriculture practice and guidelines

Trusted Source: MoALD Information Channel: Media

Method/Tactic: Internet and television

Trusted Source: FAO and MoALD

Information Channel: Extension units at local level Method/Tactic: Training and workshops

Trusted Source: Development partners

Information Channel: Research findings, publications and articles Method/Tactic: Training, workshops, and capacity building

Trusted Source: FAO and international research institutes

Information Channel: MoALD

Method/Tactic: In-person training and workshops

Trusted Source: GOChannel, Non-governmental organizations (NGOs), and Academia

Information Channel: Extension service, mobile devices and web sites

Method/Tactic: Training courses, articles, brochures, animations, and videos

Issue 7: Agricultural practices and guidelines

Trusted Source: MoALD

Information Channel: Directives for Good Agricultural Practices (GAP)

Method/Tactic: GAP

Trusted Source: DFTQC

Information Channel: Directives for GAP

Method/Tactic: Certification

Trusted Source: MoALD

Information Channel: Planning and budgeting

Method/Tactic: Training and technical support and backstopping

Trusted Source: Academia Information Channel: Curriculum

Method/Tactic: Academic courses (Required? Optional?)

Trusted Source: Research Institutes
Information Channel: Research work
Method/Tactic: Publications

Issue 8: Data, evidence and research findings on mycotoxins

Trusted Source: Peer reviewed journal articles, and research findings of government

bodies

Information Channel: Authorized web sites, technical journals, e-library, authorized research

agencies, and international research-based agencies

Method/Tactic: Articles, papers, word of mouth, interviews, fact sheets, and campaigns

for information dissemination

Trusted Source: MoALD, MoHP, and National Planning Commission

Information Channel: Respective government information management systems, survey data

and reports, and government personnel

Method/Tactic: Extension offices, volunteers, campaigns, posters, radio, and video

Trusted Source: Government agencies

Information Channel: Recognized scientific experts (Domestic & international), Nepal

Channel, and government manuals and guidelines

Method/Tactic: Pamphlets

Trusted Source: UN Agencies and CSOs

Information Channel: Annual reports and survey reports submitted to government bodies

Method/Tactic: Seminars, meetings and discussions

Issue 9: Surveillance & monitoring for mycotoxin contamination

Trusted Source: MoALD

Information Channel: Rules and regulations

Method/Tactic: Newspapers

Trusted Source: Non-governmental organizations (NGOs), government (federal and local

levels), and International non-governmental organizations (InGOs)

Information Channel: Laws and media

Method/Tactic: Web sites

Trusted Source: Universities Information Channel: Publications

Method/Tactic: Articles and seminars

Trusted Source: District health & agriculture offices

Information Channel: Local government Method/Tactic: Field activities

Trusted Source: Officially certified test platform Channel

Information Channel: Websites, and databases

Method/Tactic: Reports issued

Issue 10: Collaborative local, provincial and federal mycotoxin management

program

Trusted Source: MoALD
Information Channel: Publications
Method/Tactic: Information board

Trusted Source: UN Agencies and International Centers

Information Channel: Publications

Method/Tactic: websites and printed materials

Trusted Source: NGOs and development partners

Information Channel: Media

Method/Tactic: Internet and television

Trusted Source: Academia

Information Channel: Conferences and workshops

Method/Tactic: Articles, posters, and presentations

Trusted Source: Government organizations

Information Channel: MoALD Method/Tactic: Programs

Issue 11: Post-harvest infrastructure support

Trusted Source: MoALD

Information Channel: Budget planning

Method/Tactic: Red book (LMBIS – Line Ministry Budget Information System)

Trusted Source: Provincial government

Information Channel: Budgeting

Method/Tactic: Programs and activities

Trusted Source: Local government

Information Channel: Budgeting

Method/Tactic: Programs and activities

Trusted Source: Development partners
Information Channel: MOU (with who?)
Method/Tactic: Project document

Trusted Source: DFTQC

Information Channel: Planning and budgeting

Method/Tactic: Programs

Issue 12: Budget for advocacy

Trusted Source: MoALD

Information Channel: Red book (LMBIS – Line Ministry Budget Information System)

Method/Tactic: Distributed to relevant offices

Trusted Source: Farmers' Associations

Information Channel: Meetings

Method/Tactic: Group discussions

Trusted Source: Local government

Information Channel: Radio Method/Tactic: Audio

Trusted Source: CSOs

Information Channel: Social mobilizers
Method/Tactic: Orientation training

Trusted Source: DFTQC

Information Channel: Food Scientist Method/Tactic: Training