Volume 11 Number 4

October - December 2011

DEVELOPMENT FOUNDATION, DHAKA Editor's Note CCMC Based Market Linkages Development

A QUARTERLY PUBLICATION OF THE HORTICULTURE EXPORT

# Supply Chain is complex in the sense that interest of different

actors in supply chain.

stakeholders is involved from the production to consumption of agro commodities. Any disruption in this chain adversely affects the entire chain. Farmers receive the least and consumers pay the most prices

for agricultural commodities in our present marketing system. But maximum benefit is enjoyed by other stakeholders in the supply chain. It is interesting to note that Supply Chain Development Component (SCDC) of National Agricultural Technology Project (NATP) addresses some issues related to quality production and marketing of high value agro commodities in 10 Upazilas and the activities are being expanded to other 10 Upazilas for more geographical coverage. The interventions which include quality production, post harvest loss reduction, market intelligence support,

farmers-traders linkage and capacity building of the different

Establishment of Commodity Collection and Marketing

Center (CCMC) at the local market with the participation of

farmers, officials of SCDC and extension agencies like

Department of Agricultural Extension (DAE) has facilitated

the direct sale from farmers to traders/marketing companies by

minimizing the role of middlemen which in turn provides better price to the producers and traders. SCDC report indicates that farmers are getting on an average 10% higher price of their crops in CCMC based marketing system than the We believe that the empowerment of the farming community would be the key element to ensure fair price of agricultural commodities. CCMC based marketing system already reflected some mechanisms of empowering Common Interest Groups (CIGs) farmers by facilitating them to participate in market management and develop confidence for better bargaining capacity during sale of their produces.

Institutionalization of the CCMC based marketing system is necessary for its sustainability.

Guidelines for set up CCMC and its management were prepared in Bengali version initially. In the guidelines, farmers

retain control of center activities to facilitate the marketing of

agriculture produces of the Common Interest Groups (CIGs)

farmers. Guidelines were communicated to the all SCDC

experts, supply chain development officers (SCDO), public

sector agriculture extension agencies (DAE, DLS, DOF)

SCDC team members held informal meetings with CIGs

farmers in the project area in the presence of grass root

officers of line extension agencies and raised awareness on

officers for facilitating the establishment of CCMC.

Introduction Supply Chain Development Component (SCDC) of the National Agricultural Technology Project (NATP) focuses on

# the development of Commodity Collection and Marketing

Md. Bazlur Rahman 1

agricultural commodities to increase small and marginal farmers' income. In Bangladesh, there is generally low level of knowledge of farmers on opportunities either in the domestic or the external markets. Individually, they have small volume of agricultural products for sale. To address these situations, SCDC initiated the establishment of farmers' managed CCMC at rural market where farmers already have access to trade. By establishing CCMC, it is intended to encourage relevant stakeholders (farmers, traders/buyers, suppliers, superstores, transporters, warehouse owners etc) to work on coordinated marketing system. It also emphasizes for traders and farmers to meet, to share market information, to exchange ideas, visits and to explore trading opportunities, contracts. Establishment

Center (CCMC) based market linkages of high value

☐ Increase farmers' participation in markets as well as increase share of agricultural produces in domestic and international market, capitalize on opportunities for external market for agriculture products with comparative advantages. ☐ Empowering and capacity building of small and marginal farmers by which they take decision and

of CCMC is not a rigid concept, but a broad based service

center. Establishing farmers' managed CCMC for:

coordinate with traders, market management, service providers, influence policy maker.  $^{1}$ Marketing Expert, Supply Chain Development Component (SCDC), National

Agricultural Technology Project (NATP), Hortex Foundation

**CCMC Management Committees** The SCDC-NATP provided technical and material assistance to each of the 12 centers for the institutional capacity

development of the management committees to strengthen

marketing of targeted agricultural commodities. One day

training course on the newly framed guidelines was provided

for the 94 members of 12 management committees of 12

centers, ten SCDOs, 92 Sub-assistant Agriculture Officers (SAAOs) and 35 Upazila Officers of the line extension

agencies (DAE, DLS, DOF), 2200 farmers of 200 CIGs

consisting 4000 farmers, 112 local strategic traders. Organized

training workshop for superstores and 2 Dhaka based suppliers

on consumer demand oriented supply chain management.

Trained staff and farmers, who in turn shared about the CCMC

based marketing opportunity to other farmers of the CIGs.

Institutional Capacity Development of the

### benefits of the development of reliable market linkages through the establishment of CCMC at target rural market.

Process to Set up CCMC

Respective team members of the SCDC, farmer's representatives, grass root officers jointly visited target rural market and shared the concepts of CCMC with market management committee and market lease holder and identified a physical facility from the privately owned existing infrastructure. A center based management committee was formed, based on the principle of representative of concerned CIGs farmers. Management committee is an apex body of the rural market

based CIGs. Rented physical facilities were used as venue for

the formation of management committee. The members of the

management committee of the concerned CIGs took part in

selecting the members of the center management committee in

participatory mode. Each committee comprises 7 to 9

members that included designated chairman, member

membership of these committees and their activities are

regulated by the guidelines, wisdom of the CIGs farmers and

facilitating role of the SCDC team members. Basically,

management committee coordinates with CIGs farmers about

secretary, cashier, two salesmen and members.

harvesting and delivery of targeted agriculture commodities to market, invite traders and create competition, negotiate with traders in selling produces, record keeping of sales proceeds, hold monthly meeting and coordinate with relevant service providers. At present, 12 CCMC are operating in 12 rural markets in ten Upazilas. Extension agencies of Sub-assistant Agriculture Officers (SAAOs) and Upazila Officers have been taking part in the center activities on invitation. Ongoing centers are located at: Shampur Bazar in Savar, Puthiajani Bazar in Delduar, Baroicha Bazar in Belabo, Taraganj Bazar in Kapasia, Chandpur Bazar in Kapasia, Mohastan Hat in Shibganj, Khairpukur hat in Parbotipur, Musai Bazar in Comilla Adarsho Sadar, Jorarganj Bazar in Mirsharai, Bhanga Dokar Bazar in Mirsharai, Godkhali Bazar in Jhikorgacha and Natun Bazar in Srimongal. Volume 11 Number 4

incurred. For the September 2010 to February 2012 time period, the CIGs sold about 4000 tons of targeted fresh fruits and vegetables. Collected data indicates that each farmer received additional net benefit average of Taka 6000 and sold targeted agricultural products at the 6% to 22% increased price with the facilitation assistance of the CCMC management committees and SCDC team members. Collective marketing to Dhaka city introduced among the 4 farmers initially, in the year 2011, encouraged and 32 farmers

involved in collective marketing of fresh guava fruits in different parts in Dhaka city by shared transport that reduced 52% transport cost, increased income 85% and created

tons of apple jujube with a market value of Taka 0.28 million,

56 tons of fresh vegetables with a market value of Taka 0.952

Superstore and suppliers procured about 520 tons of different fruits and vegetables from the CIGs farmers in Shibganj,

The ongoing centers are found as farmers' managed CCMC

enable groups of farmers to sell agricultural products directly to reputed local traders, suppliers, superstores, wholesaler or

wholesalers' commission agents who take the produces back to

the different city markets. SCDC supported efforts have been

increased small and marginal farmers participation in the

market and increased their negotiation skills in selling their

produces. Data provided by the SCDCs 'benefit' in terms of

quantities of agricultural products sold and marketing margin

#### All the 12 centers have been equipped with basic facilitation (chair, table, file cabinet, balance for weighing to maintain accurate weight of the produces, installed signboard to make

the center familiar, electric fan, registers for documenting meetings, sales proceeds, accounts etc) for undertaking marketing as well as other center based activities. It has been shared information about the reputed traders with farmers, so that farmers have the ideas which traders to trust. Arranged 38 meetings between traders and management committees of the centers and explored procurement scope of agriculture produces from the CIGs farmers. Arranged mass gathering of CIGs farmers to introduce center, shared its operational procedures and took suggestions. Arranged visit for 8 superstores and 3 suppliers at production zones and interactions took place with CIGs farmers related to market oriented produces, price, payment and transportation. Arranged visit for farmer's representatives and farmers cum businessmen to superstores for discussions on products demand, quality, price, payment, transport, packaging etc. Director, SCDC signed MoU with two private companies to

access to CCMC for procurement of agricultural produces.

Market information board was installed at center with up-to-

date price information, availability of product (up-to-date

information on supply and demand), contact address of CIGs

representatives and traders etc, so that farmers can make

decision on harvesting and supplying of produces.

Concerned SCDO and expert attended in the monthly meeting of the management committee and helping them in agenda setting related to targeted commodity production and marketing related issues, participatory discussions, documentation and follow up. During monthly meeting of the management committee of the collection center, marketing activities are reviewed and new suggestions are explored for any improvement from the management committee members. October - December 2011

Through interactions, farmers are becoming aware

about meeting consumers' demand and quality requirement through improving their technical

Market information board at CCMC provides

farmers and traders about availability of products,

Farmers are interested to sell their products to

Increased competition between traders resulting in

marketing constraints and reduce the technical

buyers who pay cash immediately after supply.

capacity.

international markets.

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Consumers are benefiting from the increased competition through reduction in price variations and access to more quantities of supply in urban A collection center could be equipped with technical materials that could be used by farmer groups or extension service providers in the field. This would help in addressing agricultural production and

Well managed CCMC is an important intervention in supply

chain development of high value agricultural commodities. However, farmers need the skills for proper use of the existing

CCMC to maximize the net return from marketed production.

Well functioning CCMC can provide incentives for farmers to

increase productivity and link into local, national and

service demands on organizations.

contact information and prices etc.

better prices to the farmer.

#### employment. They sold 265 tons of fresh guavas with market value of Taka 7.42 million. Farmers of CIGs from Delduar, Savar, Kapasia are involved in direct marketing and sold 56.25 tons of lemon with a market value of Taka 0.87 million, 4.29

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Some of them are as follows:

Results

Savar, Belabo, Kapasia, Srimongal Upazilas. Farmers commented that superstores and Dhaka based suppliers pay 5% to 10% higher prices. Seedless lemons from Srimongal, Teasle gourd from Belabo find a place in the international market through CCMC. Farmers are getting additional 15 to 25% higher prices from exporters. Lessons Learned Here are some of the lessons, we learned from our work in implementing CCMC based market linkage development: CCMC minimizes the role of middlemen by reducing two intermediaries steps (commission agent & local collector). Collection center strengthens farmers' linkages to the market. Farmers directly contact with potential traders and gain better bargaining capacity.

Institute after expiry of the present FDR on the same fund on November 06, 2011, approve renewal of annual contracts of five experts working in the Supply Chain Development Component (SCDC), National Agricultural Technology Project (NATP), Hortex Foundation etc. Major Meeting/Seminar and Fair Participation During the period, Hortex officials attended number of seminars, workshops, trainings and discussion/policy meetings on various issues of agriculture and export related affairs.

(i) Hortex official participated in the "Multilateral

Conference on Productivity Movement in Bangladesh"

at Rupashi Bangla Hotel, Dhaka on October 02, 2011.

His Excellency Hon'ble Prime Minister, Govt. of the

People's Republic of Bangladesh Sheikh Hasina was

present as Chief Guest, while Begum Matia Chowdhury,

Hon'ble Minister for Agriculture was present as Special

Guest. National Productivity Organization (NPO), Ministry of Industry was organized the conference. His

Excellency Prime Minister declared the 2nd October as

"National Productivity Day" to increase the

productivity in the field of agriculture and industrial

sector to ensure the food security and economic growth

11, 2011 with exporters and UK Importer of fresh

vegetables regarding field visit in Sylhet region for new

lemon garden establishment for direct export from field.

other GOB and Foreign Officials were present at the

inaugural session of the Fair. A good number of

exportable fresh fruits, vegetables and spices were

Koichi Suhara, Mr. Daisuke Horide, Mr. Yusuf Ebne

Abedin (Johny), Toyota Tsusho Corporation on Jute leaf

export procedure from Bangladesh to Japan was held on

"Contamination of Salmonella spp. of Bangladeshi Betel

(Paan) Leaves Exports to European Union Countries"

(iv) Meeting with Japanese team Mr. Yasuhiro Miura, Mr.

(v) Hortex official attended in the policy meeting on

(ii) Hortex Foundation organized a meeting held on October

various administrative issues and policy directives were given

including review implementation status of the decisions taken

in the 83<sup>rd</sup> meeting of the Governing Body, accord approval to re-deposit the seed money fund as FDR in a Bank/Financial

- Hortex News in Brief Governing Body Meeting

84th Meeting of the Governing Body of Hortex Foundation

The 84th meeting of the Governing Body of Hortex

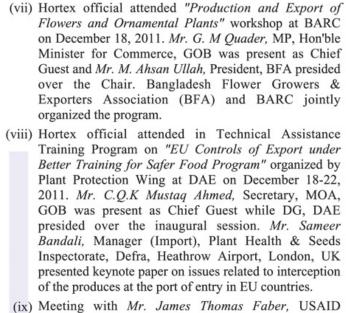
Foundation was held on Wednesday, November 02, 2011 at

Hortex Conference Room under the Chairmanship of Mr. C.

Q. K. Mustaq Ahmed, Secretary, Ministry of Agriculture and Chairman, Hortex Foundation. The meeting discussed on

October - December 2011

#### December 13-14, 2011. Mr. C.Q.K Mustaq Ahmed, Secretary, MOA, GOB was present as Chief Guest and Dr. Wais Kabir, Executive Chairman of BARC presided over Chair in the inaugural session.



Grantee, Agribusiness Development Adviser and

Volunteer, WINROCK Int'l (Wi) held on December 19,

2011 at Hortex to identify the areas of cooperation on

Achievement and Lesson Learnt from Value Chain

based Intervention and Agribusiness Association

Strengthening" organized by Bangladesh Agribusiness

Development Project, DAM, MOA, held on December

Production and Marketing Advisory Services

During the period, business advisory services were provided to

32 entrepreneurs, producers and exporters, Govt.

organizations, researchers, national and international NGOs

etc on various aspects of high value agricultural crop

production technology, post-harvest handling technique,

processing, cool-chain transportation, export plan and

documents, export requirements of fresh pineapple, banana

and tube rose, farm level food safety issue and marketing

system of fresh horticultural produces including potato,

(x) Hortex official attended workshop on "Approaches,

domestic and export market.

27, 2011 at Hortex.

and Middle-East countries.

(iii) Hortex Foundation participated in the Food Fair 2011 (World Food Day 2011, Slogan: Food Prices from Crisis to Stability) from October 16-18, 2011 at BARC Complex, Dhaka and raised a stall in the Fair. Begum Matia Chowdhury, MP, Hon'ble Minister, MOA and

displayed in the Hortex Stall.

December 05, 2011 at Hortex office.

Study on Shelf Life of Green Banana

of the country.

at Ministry of Commerce, GOB held on December 13, 2011. Secretary, MOC presided over the meeting. (vi) Hortex official attended in training program on "Food Safety and Phyto-sanitary Measures" at BARC on Volume 11 Number 4

The cold storage test of banana was conducted by the Postharvest Division of BARI for promotion of banana export in the international market on request from Managing Director, Hortex Foundation according to the exporter requirement (M/S. IMX Trading). In brief, the experiment was conducted to study on shelf life of green banana (var. Meher Sagar) with different fungicides at 13.3 degree Celsius temperature and 85% relative humidity. Fresh uniform size green matured banana was stored in CFB carton and kept in constant temperature (13.3 degree Celsius) and relative humidity (85% RH) chamber. Among the nine treatments, 10g/lit Alum, 0.5g/lit Thiabendazole, 0.5g/lit Imidazole and 0.05g/lit

citrus export had been officially restricted from Bangladesh since 2008. To overcome the situation, Hortex Foundation had taken several initiatives which included study mission in UK, to meet Defra, Food and Environment Research Agency (FERA) and Bangladesh Importers Association UK (BiA) officials, expert consultation meeting and several field visits in the citrus growing areas (Sylhet, Moulvibazar & Narshingdhi) along with the concerned officials from BARI, BADC, Plant

Protection Wing (Quarantine Section) of DAE and Bangladesh

Fruits, Vegetables and Allied Products Exporters Association

(BFVAPEA) to observe the situation of citrus gardens

During visits, the team did not observe any symptoms of the

above mentioned diseases at Shibpur, Monohardi and Raipura

Upazila of Narshingdhi district. Beyond this, the team

collected some samples from the gardens and confirmed

through laboratory test report of Plant Pathology Division of

BARI that the lemons are free from above mentioned diseases.

In collaboration with Plant Pathology Division of BARI,

Plant Quarantine Section of Plant Protection Wing, DAE,

Hortex made two trial shipments of citrus fruits (var. Jara Lemon) in London, UK on November 03 and December

16, 2011 through M/S. Dip International according to

infection by citrus canker, black and leaf spot.

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the Agency may request to the European Union to impose temporary ban on betel leaves (Paan) import from Bangladesh. After receiving the notification from European Commission

other Coli form bacteria: (a) Production Level: (i) Free movement of pet and wild animal in the betel leaf field, (ii) waste product of birds, animal and human being, (iii) irrigation water, (iv) use of organic fertilizer, (v) contaminated soil etc. (b) Post-harvest Level: (i) Post-harvest handling activities including sorting, grading,

UK & France Bangladeshi citrus export to UK market was restricted by Department of Environment, Food and Rural Affairs (Defra) for not fulfilling the requirements of their specific quality compliances on citrus fruits var. jara lebu, ada lebu, elachi lebu, satkora, pummelo etc. for citrus canker (Xanthomonas axonopodis pv. Citri), black spot (Guignardia citricarpa), leaf spot (Cercospora angolensis) infection. As a consequence, the

Gebralic Acid (treatment T2) were found better after 22 days

of storage considering color, firmness and overall

Successful Trial Shipment of Citrus Fruits in

acceptability (as per visual observation).

through exporters, Hortex Foundation organized a meeting for threadbare discussion inviting the concerned officials from pineapple, banana, flowers etc in domestic and export market. Hortex provided advisory services to M/S. IMX Trading, a new entrepreneur interested to export green banana (var. Meher Sagar) from Bangladesh to Germany, Poland in a refrigerated container where the temperature should be maintained 13.3 degree Celsius with 85% RH for 3 weeks. Advisory services were provided to M/S. Polygon Resource on

Spinach export procedure to Malaysia and Pineapple for EU

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Citrus fruits inspection for export trial shipment by the officials of Hortex Foundation, BARI, BADC and Exporter suggestions of Defra, FERA. Another two shipments were made for Paris, France through Crown Fruits and Vegetables Export on December 01 and December 15, 2011. Lemons were properly sorted, graded and firstly washed by detergent and finally treated with 2.3% solution with Sodium Orthophenyle Phenate (which was recommended by Defra) and packed with improved packaging materials accomplished

with proper requisite labeling/information. The appropriate

authority in the port of destinations i.e. Heathrow Airport,

London, UK and Paris, France accepted the consignments

After such achievement, Hortex Foundation shared the

experiences with the exporters and motivated them to follow

the same procedures for the citrus export. Up to December 2011, about 2758kg of Citrus fruits were exported to UK and

Betel leaf is one of the export potential cash crops of

Bangladesh. Its export value about TK. 361 crore equivalent

42.98 million USD (Source: EPB, 2011). UK is one of the

potential export markets for Bangladeshi betel leaves (Paan).

The export of betel leaves in the EU countries including UK is

under threat due to leaves contamination by harmful bacteria

Salmonella spp. threatening health risk as the 'betel leaves' are consumed in a raw state. Through laboratory testing Food

Standard Agency, UK of the European Food Safety Authority

already detected 10 (ten) sero virus Salmonella spp. in some

consignments of Bangladeshi betel leaves. Being a serious

issue for the human health, the Rapid Alert System for Food

and Feed (RASFF), UK of the European Food Safety

Authority already alerted the European Commission and other Member States regarding findings relating to betel leaves

(Paan) from Bangladesh. Bangladesh High Commission in

UK sent the message to the Ministry of Commerce, GOB to

take immediate protective and appropriate measures to

continue the betel leaves export to the EU countries, otherwise

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without any further queries.

Case Study on Betel Leaf (Paan)

France.

#### Bangladesh Council of Scientific and Industrial Research (BCSIR), Institute of Food Science and Technology (IFST), Department of Microbiology, University of Dhaka and some (M/S. Dip International and M/S. Khaled Trade Syndicate). From the discussion, it came out that the following possibilities of contamination by Salmonella spp., E. coli and

cleaning, packaging, transportation etc.

were healthy with green leaves. Some leaves were infected by leaf rot disease. But the team members closely observed that the farmers/workers did not follow the proper personal hygiene management practices. Later, the team members had a discussion meeting with about 26 numbers of betel leaves producers. Initially, the producers shared their cultivation practices (production to marketing) i.e. land preparation, vine plantation, irrigation, intercultural operation, pest management, earthing up, harvesting and postharvest management practices especially washing, grading, sorting, packaging and transportation. Mr. Md. Rafiqul Islam, Assistant General Manager, Hortex Foundation noted down the lapses and gaps of the supply chain management from the discussion of the farmers. Mr. Islam emphasized on the lapses and gaps especially on the personal hygienic conditions. He explained why Salmonella, E. coli bacteria are harmful for the human being and what are the probable sources of contamination during the supply chain. He emphasized on improvement of personal hygiene of the farmers by keeping

themselves in clean, washing hands by soap during production

Supply Chain Development Component (SCDC) of National Agricultural Technology Project (NATP) being implemented by Hortex Foundation has carried out 11 (eleven) training programs in different aspects for developing supply chain in the project sites during the period October-December 2011. A total of 375 different stakeholders participated in the training program including 305 Common Interest Group (CIG) farmers, 70 local entrepreneurs, 12 DAE officials and 10

and post harvest practice.

SCDC, NATP Activities

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Supply Chain Development Officers (SCDOs). Out of 375 trained participants, 341 were male and 34 female. Resource persons were from the scientists of Bangladesh Agricultural Research Institute (BARI), Experts from FASAL, GKSS, Specialists from DAE, DOF, SCITI, local resource persons developed through TOT as well as SCDC Experts. of Agro Commodities A view of validation workshop conducted by SCDC, NATP SCDC also conducted 7 (seven) workshops in different

aspects on selected commodities and concepts for sharing

knowledge among the participants including validation

workshops in newly selected Upazilas for expansion of SCDC

activities. A total of 392 different stakeholders were

participated in the workshops including CIG farmers, traders

and exporters, DAE officials, government organizations,

research institutions, NGOs, private companies, Hortex

officials and SCDC consultants. Out of 392 participants, 380

were male and 12 female. Resource persons were from the

scientists from BARI regional stations, specialists from DAE,

DLS, DOF and SCDC. During the period, one overseas

program (study visit) was organized namely "Study visit on packaging, storage and transportation of fresh produces in

China". A total of 4 participants including 2 (two) CIG farmers, 1 (one) SCDO and 1 (one) Expert of SCDC participated in the overseas program. The other activities are opening of an alternative marketing channel with Green Agro-base Ltd. and CIG members and conducted more than 80 field demonstrations on technologies relating to new vareity, safe production, post-harvest management for supply chain development and establishment on an ice plant primarily for the preservation of fresh fish at Mirsharai, Chittagong. Volume 11 Number 4 6. Enquiries about EU marketing requirements for seeds in England and Wales should be addressed to the Food and Environment Research Agency (Fera) at: PVS Seed Marketing Team, White House Lane, Huntingdon Road,

Cambridge, CB3 OLF, Telephone: 01223 342373

website: www.rpa.gov.uk

www.ukcities.gov.uk

Telephone: 01702 366077

Telephone: 0845 010 9000,

Website: www.customs.hmrc.gov.uk

(defra) at www.defra.gov.uk

7. Enquiries about EU marketing standards for fruit and

vegetables in England and Wales should be addressed

to the Rural Payments Agency Inspectorate, Telephone:

0845 607 3224, E-mail: HMI-TDC@rpa.gsi.gov.uk and

8. Department for Environment, Food and Rural Affairs

9. Enquiries about restrictions and prohibitions on imports of plant species which are considered endangered

10. Enquiries about the Genetically Modified Organisms (Contained Use) Regulations 2000 should be addressed to Telephone: 0151 951 3085, Fax: 0151 951 3474,

11. Enquiries about the Genetically Modified Organisms (Deliberate Release) Regulations 2002 should be

12. Enquiries about Tariff Classification should be

13. Enquiries about import duties, CAP levies and charges

14. Enquiries about plant health inspections at Enhanced

Remote Transit Shed (ERTS) temporary storage premises should be addressed to, Telephone: 0121 697 4045,

addressed to defra at Telephone: 020 7 238 2058, Fax: 020 7 238 140, E-mail: gm@defra.gsi.gov.uk

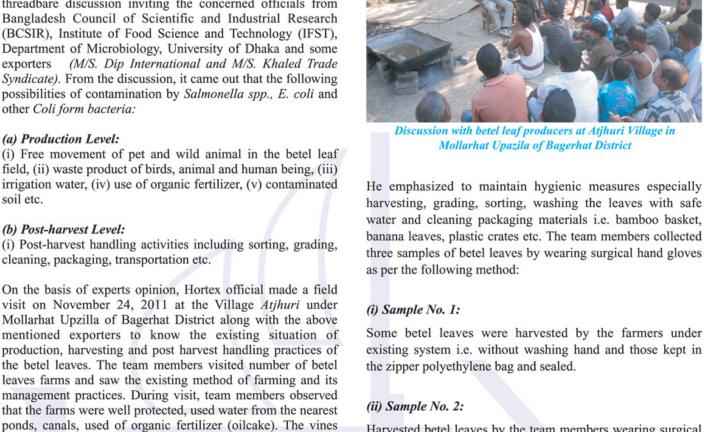
addressed to HMRC Tariff Classification help line,

for goods imported from non-EU countries should be

addressed to HMRC National Advice Service,

E-mail: notificationsofficer@hse.gsi.gov.uk

(CITIES legislation) should be addressed to defra at: E-mail: wildlife.lecensing@defra.gsi.gov.uk, Website: www.defra.gov.uk/wildlife-countryside/index.htm and



MoU signing between Hortex Foundation and AIS

MoU signing ceremony was held on November 16, 2011 at Hortex office between Hortex Foundation and Agriculture Information Service (AIS) for strengthening Information and Communication Technology (ICT) based market linkage development in Commodity Collection and Marketing Centers

(CCMCs) of Supply Chain Development Component (SCDC), NATP project. The MoU was signed by Md. Nazrul Islam, Director, AIS and Dr. S.M Monowar Hossain, Managing Director, Hortex Foundation and Director, PIU, SCDC, NATP.

1. Enquiries about plant health import requirements and restrictions in England and Wales should be addressed to local Food and Environment Research Agency, FERA's Plant Health and Seeds Inspectorate, PHSIs (see

www.fera.defra.gov.uk/contactUs/documents/phsiOffices New.pdf and E-mail: phsi-importers@fera.gsi.gov.uk

3. Enquiries about plant health import requirements and

pests into Scotland should be addressed

plant.health.licensing@sasa.gsi.gov.uk

edinburgh.bookshop@tso.co.uk,

belfast.bookshop@tso.co.uk

restrictions in Scotland should be addressed to

hort.marketing@scotland.gsi.gov.uk and import of plant

Enquiries about plant health import requirements and

Some Important Addresses for Enquiries

restrictions in Northern Ireland should be addressed to the Department of Agriculture and Rural Development at gab.admin@dardni.gov.uk (for imports of potatoes and other imports) Copies of plant health legislation are available on the OPSI website at www.opsi.gov.uk, and E-mail: london.bookshop@tso.co.uk,

(+ 15°c to -25°c) hortex

For further details, please contact:

: National Products, 22/1 Topkhana Road, Dhaka-1000

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Telephone: +88-02-7171453, 7171459

22 Manik Mia Avenue, Sher-e-Bangla Nagar, Dhaka - 1207 Telephone: +88-02-8123433, 9141331, 8144906

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Fax: +88-02-9125181, 9101065 E-mail: hortex@hortex.org, Website: www.hortex.org

Advisor & Editor: Dr. S. M. Monowar Hossain Managing Director, Hortex Foundation Associate Editor : Mitul K. Saha, Assistant General Manager

BCSIR for testing the presence of Salmonella spp. The report indicated that the all samples were contaminated by the aforesaid bacteria. Based on the report, Hortex Foundation decided to convene an Expert Consultation Workshop on "Salmonella spp. and other

Harvested betel leaves by the team members wearing surgical

gloves and then kept those in the zipper polyethylene bag and

Harvested betel leaves from the field by wearing surgical

gloves and washed with deep tube well water and sealed in the

The collected betel leaves samples were sent to IFST of

major pests of exportable betel leaf" inviting officials from

University, BCSIR, DAE, Exporters etc for further discussion

and to find out the probable short and long term solutions to

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overcome bacterial infection in betel leaves.

sealed.

(iii) Sample No. 3:

zipper polyethylene bag.

MoU Signing

Require any assistance to use the PEACH system (Procedure for Electronic Application for Certificates from the Horticultural Marketing Inspectorate), please contact the PEACH Helpdesk, Telephone: 0845 607 3224, E-mail: peachenquiries@defra.gsi.gov.uk, Web: www.ehmipeach.defra.gov.uk

REEFER TRUCK AVAILABLE ON RENT AT *HORTEX* ☐ To maintain cool chain, while transporting your fresh produce/product To ensure proper quality ☐ To store your produce/product in appropriate temperature ☐ Capacity 3 ton each ☐ Auto humidity control of fresh produce up to 99%

+88-02-9141331, 8123433, hortex@hortex.org Admin Department, Hortex Foundation Published by : Horticulture Export Development Foundation (Hortex Foundation)

Hortex Foundation

E-mail: nationalfrontierapprovalsunit@hmrc.gsi.gov.uk, Website: www.customs.hmrc.gov.uk (Supply & Value Chain, Marketing, R&D) 15. Enquiries about use of Customs Freight Simplified Hortex Foundation Procedure (CFSP) should be addressed to HMRC, Supported by : Md. Rafiqul Islam, Assistant General Manager (GAP, Traceability, Processing and Packaging)

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## Telephone: 0113 389 4221, E-mail: cfsp\_cope@hmrc.gsi.gov.uk, Website: www.customs.hmrc.gov.uk (Source: FERA, UK)

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