



VETNEWS

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Dairy Value Chain in Nepal

Livestock farming is one of the integral parts of Nepalese agricultural system and a major contributor (27 % excluding processing industries) to the agriculture GDP. The contribution of dairy alone is about 62.6 % of total AGDP. The total production of milk in Nepal is about 1.45 million MT annually and the per capita availability of milk is around 52 lit/annum. The milk availability of 142.47 gm/head/day is quite below (50%) than WHO recommendation of 285 g/head/day. The country is currently facing the deficit of around 400 to 500 thousands litres of fluid milk daily which is fulfilled by importation of skimmed milk powder and reconstituted fluid milk. The demand of milk & milk products in Nepal is growing and will grow further.

Although the dairy sector is growing faster and is a potential sector for foreign investment, the dairy value chain in the country has not been fully developed and organized yet. Out of total milk supply in the country, only 15% passes through the formal channels. The sector is now facing many problems in each steps of production chain. Subsistence farming, traditional way of dairy management practices, scare feeding resources, very low average annual production (670 L/ animal), high cost of production (approx. Rs. 25/Litre), insufficient skills and knowledge among farmers about dairy production & management, shortage of dairy animals, insufficient breeding bulls/AI services, insufficient accessibility to veterinary service, finance/loan etc. are some of the major problems at the production level. From a recent study, it was found that majority of dairy farmers in Nepal are not practicing the method of clean milk production at farm because they are not aware about it and some of them are not following it because they are not getting any extra bonus for it and hygienic quality is not incorporated in the present milk payment system of the country. Even though the farmers' practices are the most important entry points of bacterial contamination in the milk chain of the country, lack of chilling facilities in every collection centers, only one time (mostly morning) collection of milk, long way transportation of milk in ordinary vehicles, unhygienic

handling during processing and distribution of processed products in ordinary vehicles were found important to flourish the bacterial contamination in the milk and milk products. Lack of mandatory rules and its effective implementation at factory level and its distribution channels are further deteriorating the quality of milk & milk products sold in the country.



Market focused collaboration is needed among the stakeholders to minimize the existing problems of the sector and to strengthen the dairy chain further in the country. An integrated dairy industry incorporating the activities like improved livestock management/breeding, cattle feed production and processing of milk products with effective quality control system would offer promising prospects for profitable investment. The private dairy processors are emerging in the country. Big investors like Laxmi house has invested in Sujal Dairy in Pokhara and Chitwan Koiko has invested in Chitwan milk with a milk powder plant aiming to export the milk powder. Even Surya Nepal, a multinational company, has decided to invest in the sector. There is an urgent need to analyze all the pros and cons of the problems and opportunities of the sector and efforts should be made by the concerned government authorities & other stakeholders to develop the sector further and to attract more investment in the sector.

-Dr. Resham Pd. Acharya, MAPCM (Livestock Chains)



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Vets Inside

Dr. Gurung participated CVA meeting

Dr. Deuti Gurung participated 17th Asian Regional Meeting and Conference on Rabies of CVA which was held at Bangalore, India from 28 - 30 Jan, 2013.

Dr. Dhakal participated PMA Conference

Prof. Dr. I. P. Dhakal participated Prince Mahidol Award Conference (PMAC) held at Bangkok Thailand from Jan. 28 to Feb 2, 2013. The theme of the conference was "A world United against Infectious diseases: Cross-sectoral solutions". DG and DDG, DLS also participated this international meeting.

Dr. Nirmal and team visited Srilanka

Dr. B. K. Nirmal, Dr. K. Sapkota and Dr. R. Bastola visited Srilanka for two weeks training at University of Paradeniya from Jan 20 to Feb. 02. 2013. The training was focused to RIA and EIA for estimation of progesterone in serum and milk.

New Chair-holders of NVC

Election meeting of NVC was organized on 2069 Poush 27 (11 Jan. 2013) Friday at Tripureshwar, Kathmandu to elect the new chair-holders for the four year tenure (2013 - 2017 AD).

Dr. Dinesh Kumar Singh and Dr. Bodh Prasad Parajuli are elected vice-chairmans where as Dr. Subir Singh, Dr. Soyam Prakash Shrestha, Dr. Mukul Upadhaya, Dr. Sharad Singh Yadav and Dr. Vijay Chandra Jha are the elected members of NVC for this new tenure.

NVA likes to congratulate them and wish for his successful tenure !!!

From the Desk of NVA



NVA participated CVA Meeting

Nepal Veterinary Association became the member of Commonwealth Veterinary Association from this year. Vice President Dr. Banshi Sharma and General Secretary Dr. Sital Kaji Shrestha of NVA, participated 17th Asian Regional Meeting and Conference on Rabies of CVA which was held at Bangalore, India from 28-30 Jan, 2013. Delegates from countries like Afghanistan, Srilanka, Bangladesh, India and from agencies like WSPA, Dog Trust, OIE Reference Lab were delegates at the program.



Farmers meeting organized by NVA Western Chapter

A meeting was conducted by NVA-Western Chapter and DLSO Kaski at Pokhara with the suppliers and poultry farmers of Kaski to discuss about the present status of poultry farming of Kaski district.

Dr. Kedar Pandey presented the current scenario of poultry farming of the district as well as bio-security tools. The meeting concluded to strengthen the farming system and poultry chain supply where as more focus need to be paid to implement strict bio-security to the farms. The meeting was chaired by Dr. Prakash Raj Shrestha.

Meeting on NVC Formulation

Nepal Veterinary Association organized "General Meeting" to assist in the formation of new council body, on 2069 Poush 26, (Jan. 10, 2013) Thursday at CVL meeting hall, Tripureshwor, Kathmandu.



Interaction and Public Awareness Program for Birdflu Control

NVA-Central Chapter, Kantipur Vet Distributors and Poultry Farmers Association, Chapagaun jointly organized a day long "Interaction and Awareness Program for Birdflu Control" on 2069 Poush 26 at Bani Bilash School, Chapagaun. The program was chaired by Mr. Pitambar Sanjel whereas Dr. Sah was the chief guest at the program. Dr. Mogal Prasad Sah presented a paper on effective bio-security and highlighted the effective control methods for birdflu control.



News Inside

Birdflu Detected in Pokhara

Pokhara. Four outbreaks of avian influenza have been reported from Gandaki region of Nepal in commercial broiler farms. Kosheghari, Simpani, Batulechaur of Pokhara and Sedibagar of Sarangkot, Kaski are the outbreak hot spots of this outbreak. The formal report has been sent to OIE by DLS/Nepal on Jan. 21, 2013.

Summary report can be clicked at

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=12901

Regional workshop on “one Health” organized successfully

Kathmandu. Regional workshop on “Feasibility of One Health initiative in Nepal for surveillance of emerging and re-emerging zoonotic diseases of public health importance” was held at Summit Hotel, Kupondole, Lalitpur from 17th to 19th January, 2013 in collaboration of World Health Organization, Centre for Molecular Dynamics (CMDN), Epidemiology and disease control division (EDCD) and National zoonoses and food hygiene research centre (NZFHRC). 60 national and international delegates participated the workshop.

Oath Taking of new NVC team

Kathmandu. On Jan 20, 2013, the elected members had taken oath in the presence of immediate past chairman of NVC Dr. S. N. Mahato. The program was organized at CVL meeting hall, Tripureshwor.



Website: www.wvc2013.com/en/

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REQUEST from NVA

NVA has graphed to construct meeting hall in front of Central Office, Tripureshwor, Kathmandu. All the members and well-wishers are requested to donate their valuable support !!!

www.nva.org.np