SHORT COURSE

on

Organic Animal Husbandry-
Concept, Standards & Practices

(November 28 - December 7, 2016)

Division of Extension Education
ICAR-Indian Veterinary Research Institute
Izatnagar-243 122 (UP) INDIA
Agro-chemicals like chemical fertilizers, pesticides, weedicides as also the drugs, synthetic feeds and antibiotics have significantly contributed to improving crop and livestock productivity worldover. But these agrochemicals are now increasingly held responsible for many health hazards & chronic diseases too. With growing literacy, education, awareness coupled with rising incomes, consumers are becoming more quality conscious. Moreover, the food scares like food borne diseases are alerting people of harmful consequences of consuming food laced with chemicals and harmful residues of pesticides and antibiotics. The negative consequences of these agrochemicals are not restricted to only physical health but also these are blamed for growing psychological/mental problems in society. Many chronic diseases which are on the rise are being attributed partly to these agrochemicals, making the sustainability of chemical based farming and intensive livestock production questionable. As an alternative, therefore, organic agriculture is rapidly growing around the world including in India.

Organic agriculture is being practiced in 170 countries in 43.1 million ha with annual market of US$72billion. In India too, the cultivated area under certified organic farming has grown almost 17 fold in last one decade. With over 6,50,000 organic farmers, India is No 1 country in the world in terms of producers. India exported 135 products during 2013-14 with the total volume of 194088 MT including 16322 MT organic textiles. The organic agri export realization was around US $403 million including 183 US $ organic textiles registering a 7.73% growth over the previous year (APEDA, 2015). In XII plan, the GOI has launched Paramparagat Krishi Vikas Yojana, under which Rs. 300 Crores (Union Budget 2015-16) have been allocated to promote organic agriculture including organic animal husbandry. The organic livestock and poultry standards have also been notified for implementation since 1st June, 2015, which, however, are not yet percolated down to the stakeholders indicating the need to fill this gap.

The Government of India (GOI) has taken several initiatives to boost organic agricultural production in the country. The launching of National Programme of Organic Production (NPOP) in 2000-2001, setting up of National Centre of Organic Farming (NCOF) in 2003, ICAR Network Project on Organic Farming (2004) & recent establishment of National Organic Farming Research Institute (NOFRI) under ICAR in Sikkim are some important milestones. These steps have resulted into production and export of certified organic agricultural products from India. Most of these products are of plant origin except honey since the organic animal husbandry per se is yet to take off in India though animals are central to organic farming. Therefore, efforts are urgently needed to develop organic livestock production sector in India.

**OBJECTIVES**

This Short course aims to create awareness on organic animal husbandry as a concept, its principles, standards and practices mainly among scientists and academicians of ICAR institutes and State Agricultural/Veterinary Universities. This will be a small step forward towards the development of organic animal husbandry alongside organic crop farming in more scientific ways towards sustainable agricultural development.
ABOUT THE INSTITUTE

On the recommendation of Cattle Plague Commission, the Indian Veterinary Research Institute, then known as Imperial Bacteriological Laboratory had its genesis on December 9, 1889 at Pune and later relocated to Mukteswar (Kumaon Hills) in 1893 to facilitate segregation and quarantine of highly contagious organisms. The Izatnagar Campus, the present headquarters of the Institute came into existence in 1913. After independence, the name of the Institute was changed to Indian Veterinary Research Institute. The Institute was conferred the Deemed to be University status by University Grants Commission, Govt. of India in 1983. The Institute has been a recipient of “Sardar Patel ICAR Outstanding Institution Award-2003 as also in 2009. The institute with faculty strength of more than 250 has a major mandate of research, teaching, training, consultancy and technology transfer activities. The institute with its deemed to be university status awards master and doctoral degrees in more than 20 disciplines of veterinary and animal sciences. The institute has also started under-graduate course in Veterinary Science from the session 2015-16. To impart continuing education to field veterinarians, the institute also conducts diploma courses in various disciplines. The institute imparts quality post-graduate education and training to students not only from various parts of the country, but also from overseas.

ABOUT THE DIVISION OF EXTENSION EDUCATION

Division of Extension Education was established at IVRI in the year 1970. In the initial years, Division undertook several field extension projects emphasizing on the testing the field applicability of various veterinary and animal science technologies in the farmers’ situations. The central idea of Division's work has been to enhance livestock production and productivity and assist farmers to increase their income and employment opportunities through need based extension interventions. The Division started Post-graduate education programme in the area of Extension Education since 1985. Training and extension activities at IVRI are mainly undertaken by Joint Directorate of Extension Education, KVK, as also by the Division & ATIC to generate inputs for research, with a view to all round development of the farming communities. Several research projects on extension education are underway in the
division along with students' research. So far, about 150 postgraduate students have completed their Master's & PhD degrees from this Division.

**SELECTION OF PARTICIPANTS**

Teachers/Scientists working in the rank of Assistant Professors/Associate Professors and equivalent cadre in ICAR Institutes/State Agricultural Universities, Veterinary Colleges and Deemed Universities in the disciplines of Animal and Veterinary sciences are eligible to apply. The eligible applicants are advised to make online application at http://www.iasri.res.in/cbp and also send a signed hard copy of the same to the Course Director through proper channel before the last date. Only 25 participants will be selected for the course by a screening committee as per the ICAR guidelines. The selected participants will have to pay Rs. 50/- as registration fee, at the time of registration, in the form of Demand Draft in favour of ICAR UNIT, IVRI, IZATNAGAR, BAREILLY payable at SBI, CARI Branch, Bareilly.

**TRAVEL, BOARDING AND LODGING**

The participants will be reimbursed to and fro travel fare by shortest rail (AC II tier)/road route as per ICAR norms on production of valid travel documents. Out station participants will be provided free boarding and lodging in the Institute Guest House on sharing basis. The participants are requested not to bring family members with them as it will be difficult to accommodate any accompanying person in the Institute Guest House. The weather during the month of November-December will be cool ranging 15-20°C. The participants are requested to bring woolen clothing with them.

Bareilly is well connected to major cities of India by rail and road. It is 255 km from New Delhi, 220 Km from Mathura, 300 km from Dehradun and 260 km from Lucknow. The auto rickshaw and cycle rickshaw can be hired from Bareilly Jn. Railway Station and Bus Station for the Institute at Izatnagar. The selected participants are advised to make return journey reservation well in advance.

**IMPORTANT DATES**

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<tr>
<th>Last date of application</th>
<th>17 September, 2016</th>
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<tbody>
<tr>
<td>Notification of selection</td>
<td>27 September, 2016</td>
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<td>Course duration</td>
<td>28 November - 7 December, 2016</td>
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**Nomination may be sent to**

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