

**TAMIL NADU VETERINARY AND ANIMAL SCIENCES
UNIVERSITY**

**INTEGRATED AGROMET ADVISORY SERVICES, CHENNAI
DEPARTMENT OF LIVESTOCK PRODUCTION AND MANAGEMENT
MADRAS VETERINARY COLLEGE
CHENNAI – 600 007**

A National training Programme on

“Weather based management of Livestock and Poultry”

from 04.03.2013 to 08.03.2013

SPONSORED BY

MINISTRY OF EARTH SCIENCES, GOVT. OF INDIA

Invitation for participation

A National training programme on *“Weather based management of Livestock and Poultry”* for Integrated Agromet Advisory Services (IAAS) Scientists from different State Agricultural Universities, Assistant Professors in Krishi Vigyan Kendras and State Agricultural Universities is scheduled to be organized by Integrated Agromet Advisory Services, Chennai, Department of Livestock Production and Management Madras Veterinary College Chennai – 600 007 from **04.03.2013 to 08.03.2013**

1. Background

Agriculture and animal husbandry activities are very sensitive to climate and weather condition. The various climatic factors viz temperature, relative humidity, air velocity and rainfall have direct and indirect influence on the productivity of the farm animals. Hence it is imperative on the part of technical professionals involved in Animal Production to fully understand the influence of these climatic factors on productivity of farm animals in order to evolve suitable management practices for sustaining their productivity. The training will equip the scientists in advising the farmers in general and livestock farmers in particular regarding the ameliorative measures to mitigate the negative influence of the climatic variables on the farm animal productivity. Hence the present training programme has been planned with the following specific objectives.

1. To impart basic knowledge about the impact of weather on livestock and poultry
2. To educate the trainees in assessing the relationship between animal production and microclimatic conditions in the respective localities.
3. To prepare the trainees to include weather based animal/poultry advisories regularly in their bulletins

2. Course Information

The National Training programme for five days will be conducted from 04.03.2013 to 08.03.2013 for Integrated Agromet Advisory Services (IAAS) Scientists from different State Agricultural Universities, Assistant Professors in Krishi Vigyan Kendras and State Agricultural Universities. The course content will include importance of weather forecasting on animal husbandry activities viz., deworming and vaccination schedules for livestock, cultivation practices for fodder crops, incorporation of livestock related advisories etc. Number of participants will be restricted to 25 in this training programme.

3. Salient features of course content

The course includes:

- Scenario of dairy, small ruminants and poultry in Tamil Nadu and India
- Importance of Weather Forecasting on livestock and poultry – through AAS – An overview
- Climate change and Production losses in livestock farming
- Importance of Designing of animal shelters for combating extreme weather
- Influence of heat stress on reproductive efficiency of dairy cattle and buffalo
- Meteorological elements that influence production / health in poultry
- Strategies in alleviating the environmental stress in commercial layers / broiler
- Weather based animal disease monitoring and surveillance
- Preparedness and measures to be taken to protect the livestock during natural disaster
- Strategies to improve fodder production under changing weather pattern
- Traditional methods and indigenous technologies for coping with climate variability
- Dissemination of agromet advisories through KVKs and NGOS
- Hands on practical
- Field trip

4. Faculty

The Faculty will include scientists from Tamil Nadu Veterinary and Animal Sciences University, Krishi Vigyan Kendras, IMD, and also from SAUs and SVUs

5. Organizing Committee

Patron	:	Dr.S.A.Asokan, Ph.D., Dean, Madras Veterinary College Chennai – 600 007
Course Director	:	Dr.Thanga. Thamil Vanan, Ph.D., Nodal Officer, IAAS and Professor & Head Dept. of Livestock Production and Management, madras Veterinary College, Chennai - 7
Co – Course director	:	Dr.S.Meenakshi Sundaram, Ph.D., Associate Professor Dr.A.Thennarasu, M.V.Sc., Technical Officer, IAAS and Assistant Professor

6. Course Venue

The course will be conducted at Department of Livestock Production and Management, Madras Veterinary College campus, Vepery, Chennai – 600 007

7. Location and Season

Chennai is well connected by Air, Rail and Roads from all Major Cities of India. The training period would be the most comfortable season in Chennai with temperatures ranging from 23°C to 35°C

8. Accommodation & TA/DA Support

The boarding and lodging facilities and TA will be provided by us / funding agency.

9. Application Procedure

The application for participation may be sent in the prescribed format duly forwarded by the controlling authority. Last date for receiving the application is 20.02.2013. In case of any delay in forwarding the application, an advance copy may be sent for consideration. Complete application form should be sent to the following address:

Dr.Thanga. Thamil Vanan, Ph.D.,

Course Director

Professor and Head

Department of Livestock Production and Management

Madras Veterinary College, Chennai – 600 007.

(e-mail: hodlpmmvc@tanuvas.org.in, arasuvet@yahoo.com, srivanan@yahoo.com)

(Phone: 044-25368702, 25304000 ext. 2079; Fax: 044-25368702; Mob: 09884432181, 9443686400, 9444739475)

10. Selection procedure

Applicants working in Agromet Field units and expected to work for preparation of Agromet Advisory Service bulletins in future would be preferred. The applicant should possess a Master degree in Agriculture / Veterinary / Meteorology, must be less than 50 years of age as on 20th March. 2013. However, selection will be on first come-first come first served basis.

11. Important Dates

The 5-day training will be conducted from 04.03.13 to 08.03.13

Last date for receipt of application

20.02.2013

Date of notification of selection

21.02.2013

Receipt of confirmation from participants

25.02.2013

