

Agro-climatic Zone growing sesame are advised to take plant protection measures from 28 days after sowing (DAS)



for the control of leaf roller and 42 DAS for gall fly. Moreover, the farmers are further advised to take care that the leaf roller infestation is found more when there is more rainfall/rainy days and gall fly infestation is more when there is low rain/dry period.

### Chickpea :

For effective and economic management of *Helicoverpa armigera* in chickpea, farmers of South Saurashtra Agro-climatic Zone are advised to spray fenvalerate 0.02% at 50 per cent flowering followed by second spray of endosulfan 0.07% at 50 per cent pod formation (CBR 1:9.85).

Farmers of South Saurashtra Agro-climatic Zone are advised to apply phosphate solubilizing microorganism either PBA-13 (*Bacillus coagulans*) (CBR 1:28.79) or PBA - 20 (*Aspergillus spp.*) (CBR 1:22.95) or PBA - 10 (*B. coagulans*) (CBR 1:21.60) (108 viable cells/g) as seed treatment @ 30 g/kg seed in gram crop in place of phosphatic fertilizer.

## STUDENTS ACTIVITIES

Inter collegiate weight lifting tournament of JAU was organized



on 20th October, 2007 in which 30 students Participated.

Inter collegiate debate and essay competitions were organized on 20th October 2007, in which 18

and 12 students participated, respectively.



Inter collegiate cultural competition and inter Agricultura

l school Athletic and sports meet was organized on 6th February, 2008 and 12 to 13, February, 2008, respectively.

A training programme for leadership development among the students as well as for the staff members was organized during 20 to 25 January, 2008. Working of the individuals of JAU to Increase the working efficiency. T h e t r a i n i n g



was imparted by the experts from International School for Public Leadership, Ahmedabad.

A spiritual lecture on "Art to Live Life" was delivered by Doctor Swami on 30th October 2007.

## WORKSHOP ORGANIZED:

The Department of Agri. Botany and Plant Breeding organized a one week workshop series on different topics like (1) Personality Development, (2) Presentation skills, building confidence and Career Development, (3) Genes to Genomes in Plant Science and (4) Women in Science from 1st to 8th March 2008, in Collaboration with Mr. Kunal Saini, a Ph. D. Student Division of Plant Science, University of Nottingham, U.K. The Workshop series was inaugurated by Dr. R. L. Savalia I/C Principal, College of Agriculture, JAU, Junagadh. A total number of 156 post graduate and under graduate

students participated and benefited from the workshop. Ms. Hina Dalal, a student of Bioinformatics from Panjab University, Chandigarh, delivered a lucid lecture on Bioinformatics.

## Litchi flowering

Litchi is a subtropical fruit crop adapted to the warm subtropical region requires brief, cool dry, frost - free winter and long, hot summer with high rainfall and humidity. Cool and dry winter is essential to reduce growth prior to flowering. The 30 - year old lichi trees at Madhadibag Farm of Junagadh Agricultural University at Junagadh flowered for the first time this year, particularly in the north facing side of the tree. This may be attributed to very cool winter this year.



## Publication

Dr. P. K. Kapadiya, Associate Res. Scientist published two folders: 1. Hybrid Naliyerini Vaiganik Kheti Padhati and 2. Dariya kinaranu mita Ful chickku.

## BOOKS PUBLISHED

1. "Glossary of Biochemistry and Biotechnology"  
Authors : S. V. Patel, U.K. Kandoliya, M. K. Mandavia, J. J. Druve, D. N. Vakharia, B. A. Golakia
2. "A Glossary of Soil Sciences"  
by Authors : S. V. Patel, H. P. Gajera, S. G. Savalia, B. A. Golakia
3. Remote Sensing Techniques in Agriculture : D. D.Sahu, R. M. Sonlanki