

The critical stages identified for sugarcane crop are order of tillering and third order of tillering. Incidentally,

availability of water, sugarcane may be irrigated in the following manner. If only one irrigation is available, it is of tillering. In the availability of three irrigations, emergence, first and third orders of tillering gets the

irrigated at all the four stages.

has taken a major initiative to demonstrate these irrigation technologies in the fields of actual farmers. For this 100



Biennial Workshop of AICRP(Sugarcane)

October, 2008, Technical Sessions on Crop Improvement. Crop Production, and Crop Protection were held on 17 October. The annual progress of research work was reviewed and technical programmes for 2009-10 were finalized. The workshop was inaugurated by Prof. B. Satvanaravana, Vice Chancellor, Andhra University,

the annual progress report, Dr. R.L. Yadav, Director, IISR. Lucknow and Dr. N. V. Nair. Director. SBI. Coimbatore presented the research achievements of respective

During the meeting, Dr. K. Lakshminarayana, I.A.S.,

the less share of funds in Research & Development of

cane and sugar production are affected by fluctuations in weather and therefore, farmers should have options to production is in excess. Appropirate technology is still

held under the Chairmanship of Dr. K. Lakshminaravana. LA.S., Cane Commissioner, Govt. of A.P. Dr. N. V. Nair. Director, SBI, Coimbatore acted as the Co-Chairman, Representatives of various supar mills, and participants of

under the Chairmanship of Dr. K.C. Jain, ADG/CC), Ski early group for North West Zone; Co 0232 (Kamal) in early

and North East Zones: Co 2001-13 (Sulabh) and Co 2001-15 (Mangal) in midlate group for Peninsular zone were

Dr. K.C. Jain, ADG (CC), ICAR, New Delhi chaired the plenary session. He laid emphasis on developing early maturing cane varieties and stressed the need of sugarcane

varieties high in sugar as well as in fibre.

Dr. D.V. Yadav, Dr. R.S. Chauhan, Dr. R.P. Verma, Dr. Todi Singh, Dr. S.K. Shukla, Dr. A.K. Singh from Div. of Crop Production: Dr. Vilay Singh, Dr. Ramii Lal, Mrs. Sunita Kapur, Dr. D.K. Pandey from Div. of Crop Improvement of

active in producing sugarbeet seed of IISR bred sugarbeet over 50 kg seed was produced and supplied to different growers/factories for local evaluation/feasibility trials for various end uses like cattle feed, bio-fuel, etc. The feedback from the Animal Breeding Farm, Salon, Rae Bareli district of Littar Pradesh and from the NGO based in Rhui area of Kutch district in Gujarat is quite encouraging. In the Bhuj area sugarbeet is growing guite well in the problem soil (high salinity) and is able to meet the cattle feed demand for green



To promote Hindi in daily use in office various competitions viz., writing of essay, perception and Hindi, etc., were organised on 14 September, 2008 under the Chairmanship of Dr. D.V. Yaday. The concluding session was held on 30 September, 2008 under the Chairmanship of the Director, ITSR, Lucknow. On this occasion, the noted Hasya Meeting of IRC

The IRC meeting of the Institute was held from 21-23 August, 2008. In the meeting 101 on-going research programmes were reviewed and a mid-term correction was made wherever such necessity arose. Chairman, IRC emphasized that the ultimate objective of the meeting is to fine-tune the raw research results into deliverables to maintain a steady flow of research outcome to the stakeholders and end users. He felt a need to carry out

research work on climate change and its implications for sugarcane cultivation in India. He desired that the institute discussed threadbare for their suitability and finally nine

Visit of CWC monitoring team

A monitoring team from Central Water Commission. Lucknow comprising of Dr. Naresh Kumar, Director and Shri Rakesh Verma, Asstt. Director, M&A Directorate visited FPARP demonstration sites in Sitapur district on 16 October 2008. On 18 December, 2008 they also visited the

demonstration sites in Barabanki district. They interacted with the participating farmers to have a feedback. The team members were highly satisfied with the progress in this

# Krishi Vigyan Kendra & Kisan Call Centre The KVK, housed at IISR, regularly imparts both on-

carpos and off-campus brainings to farmers, farm families and rural youth in cleares areas of agriculture, alternal hubbandy and home science. During this period, 3 brainings were organized on various aspects, like use of bio-fertilizers, production and conservation of green folders, nursery management in horbicultural crops, bethings of soil sampling and refilter recommendations, organic farming, kitchen gardening, etc. During this period, a total of 500 participants og or rounded in various training programmers.

Apart from these, 10 sponsored trainings were also organized (seven under Horticulture mission and three under UPCAR, Lucknow).

In this period, 76 farmers (4 groups) from different.

states under ATMA scheme visited IISR. These farmers got a first hand feel of the various sugarcane production and protection technologies including different implements developed for sugarcane cultivation and the process of

developed for sugarcane cultivation and the process of jaggery making. KVK has also organised 1.14 Front-Line Demonstrations on different crops and two exhibitions (at CSALIAST 8, KVK.

## Unnao) to show case th

An Unacutive reserving with 7% individuals to Loc Oromitories (II 20 Mil 20 Mil

### mechanization of sugarcane cultivation in Uttar Pradesh.

I rainings
A week-long sponsored training was organised on Crop
diversification in suparcase production system from
16-123 Octobe, 2009. In this training, 20 suparcase
development officers from different sugar milis and State
Cane Department of Ultar Practice, Billar, Haryan,
Maharsathra, Karnataka, Gujurat, Madhay Pradesh, Andrivas
Pradesh, Zhridhano, Orissa and Nagaland participated, in
depth training was provided in the area of remunerative
technologies of linterropopiny with Suparcase and

mechanization of cane cultivation.

A two-day training was also held on "Sugarcane production technology" for the farmers from Bihar on 25-26 September, 2008. In the training, 28 farmers

#### ield day

viable option to overcome multiple problems of labou search, dudgen, microsale pool and debeyd custimely, consistions. A Field day on "Mechanization of supple conpression and properties. About 10th officials from different sugar mile, progression farmers, scientistis from IUCSS, Shabipharou, GORNATA, Frantison, pransfarturers of different ISSI GORNATA, Frantison, pransfarturers of different ISSI (Empression), LICAR, New Delhi was the Chief Goart on the Chief, Control of the Chief, Chie

The mechanization of suparcane cultivation is most

#### iso conducted at the IISR

Redrat is the key menacor of sugarcane in India, and the owns of devising stategies for its containment also squarely rests on us. In spite of the best efforts, red not is still posiny challenges in stalkillaring sugarcane and sugar production. In recent years, through the concerted efforts of breeders and pathologists, the disease has been contained to a manageable level and thus, the frequency and magnitude ord or epidemic has been reduced to a great extent. In fact, and or depidemic has been reduced to a great extent.

entire suparame breeding in India is now yeared around red risk and no sugarance variety is released for general risk and no sugarance variety is released for general puthospisalismos of red rul. In 1986 of its immensi importance in suparame agriculture, hardly any book has been written to fire exclusively on this disease except, some been written to fire exclusively on this disease except, some been written to fire exclusively on this disease except, some odd reviews. This book is a modest effort to bridge this longitarding gain I be written more as a photo essay on red not covering many facets of the host, disease and the authorous. This I Types periodicing 50 colour plates.



Rs. 400/- or by the advance payment through Bank draft in favour of the Director, ITSR, Lucknow. (for International

Dr. R. L. Yaday, Director, IISR, Lucknow has been



Externally funded Project

respectives			
Promoted to	T-1-3 coal Singh	w.e.f. 13.06.2006	
Promoted to		W/E/Y 13/06/5006	

Dr. Sukhrai Pravad, Principal Scientist (Apronomy)

Egypt from 11-14 September, 2008. They also participated in

Shahlahangur from 18-19 September, 2008 as nominee of

Shri Mangal Prasad Werma, T-3, IISR, Lucknow left for his