



# IAUA



# NEWS

QUARTERLY NEWSLETTER OF INDIAN AGRICULTURAL UNIVERSITIES ASSOCIATION

VOLUME 3 No. 3

JULY - SEPTEMBER 2003

## CONTENTS

### Promising Technology

- PAU, Ludhiana

### New Executive Committee Member

- Dr M.P. Yadav: IVRI, Izatnagar

### New VCs

- Shri M.K. Miglani: CCS HAU, Hisar
- Dr P.K. Singh: CSAUAT, Kanpur

### Universities

- A Profile of WBUAFS, Kolkata
- CSKVV, Palampur
- DBSKVV, Dapoli
- DYSPUHE, Nauni
- MAU, Parbhani
- MPKV, Rahuri
- PAU, Ludhiana
- RAU, Bikaner
- TNVASU, Chennai

### Awards and Recognition

- DBSKVV, Dapoli
- MPKV, Rahuri
- NDUAT, Faizabad
- UAS, Dharwad
- UBKV, West Bengal

### Announcements

- NAAS: Awards 2003-2004
- Best-Article Awards: Rice

## ADVISORY BOARD

**Dr S.S. Baghel**

*President*

**Dr S.N. Puri**

*Secretary-Treasurer*

**Dr H.U. Khan**

*Member*

**Dr S.S. Magar**

*Member*

**Dr M.P. Yadav**

*Member*

## EDITORIAL BOARD

**Dr R.P. Singh**

*Executive Secretary, IAUA*

**Dr J.S. Bhatia**

*Ex-ADG, ICAR*

**Ms Shashi A. Verma**

*Editor (English), DIPA*

**Dr Baldeo Singh**

*Head, Agric. Extn, IARI*

## PROMISING TECHNOLOGY

### Vegetable Transplanter Developed

Dr I.K. Garg, Senior Research Engineer-cum-Head, Department of Farm Power and Machinery, Punjab Agricultural University, Ludhiana, has developed a 2-row tractor-operated vegetable transplanter for brinjal, cauliflower and tomato. The machine consists of a frame, two-lugged ground wheels, seedling trays, seat for operator, furrow openers, compaction wheels, finger-guide tunnel and picker, and wheel-metering mechanism. A water-tank of about 100 litres capacity has also been provided for watering plants immediately after transplanting. Picking-forks mounted on the metering mechanism have spring-mounted rubber flappers, which open before passing through the tunnel and close during its passage. Again flappers open at the bottom end of the tunnel to release seedlings in a furrow opened by the furrow-opener. The seedlings in the flappers are placed manually. One person for each row is required to place seedlings in the flappers. The speed of machine is kept quite low, i.e. about 0.8 km/hr. To increase speed, number of persons required to feed seedlings are increased to two for each row. The wheel compacts soil around seedlings. Power from wheel is supplied to planting mechanism through shaft, chain and sprockets. Machine has in-built mechanism to change the plant and row spacings. It has a capacity to cover about 2 acres/day when operated at a speed of 1.0 km/hr. Missing of plants is very low, i.e. 3-4%. The performance of machine on tomato and chillies has been found highly satisfactory. The machine requires only 70 man-hr/ha in comparison to 250 man-hr/ha in manual transplanting. With the introduction of this machine the area under vegetable crops is expected to increase manifold. The estimated cost of this machine is Rs 20,000.



Vegetable transplanter (tomato seedlings)

(Punjab Agricultural University, Ludhiana)

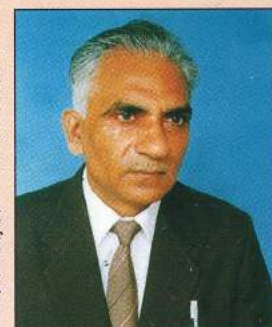
### Dr M.P. Yadav Elected E.C. Member

Dr M.P. Yadav joined as Director of Indian Veterinary Research Institute, on 17 May 2000. He was born on 2 June 1945 in a small village of dist. Bulandshahar, Uttar Pradesh and obtained his early education from U.P. Education Board, Allahabad; BVSc & AH and MVSc from Veterinary College of Mathura; and Doctorate in Veterinary Bacteriology from IVRI, Izatnagar (1973). Dr Yadav has been a meritorious student throughout his career, and during BVSc and MVSc he was awarded the Chancellor's medal.

He started his career as Assistant Professor and became Associate Professor of Virology at GBPUAT, Pantnagar (1974-1981). He served in various capacities, as Professor of Virology/Head, Division of Virology at IVRI, Mukteswar (1981-1986); In-charge, Animal Health Unit (1987-1993) and Director at the National Research Centre on Equines, Hisar (1983-2000), before joining IVRI as Director.

The important contributions made by Dr Yadav include the development of potent vaccines against equine influenza, goat pox, ILT and *E.coli*; identification of new animal diseases for the first time in India, e.g. equine arthritis, and equine Rota, adeno and rhino-1 virus infection; development of rapid and sensitive diagnostic tools for a number of animal and poultry diseases employing ELISA, PCR, gene sequencing; basic studies in equine immunology; isolation of Q-fever agent from a number of animal species for the first time in India/world; control of EIA; equine influenza on national basis; and characterization of mare lactoferrin for its possible use as an anti-microbial agent.

Dr Yadav received national and international recognitions, awards and honours, such as Lance Award (1996) distinguished Special Award by ICAR (1998), OIE International Meritorious Award (2000), Veterinarian Award (2001) and Major Malika IAAVR Award (2001). Dr Yadav has been associated with several professional societies in various capacities, e.g. President of IAVMI (1999-2003) and Indian Virological Society (1996-2001). He also worked as Project Coordinator of ICAR collaborative project on equine influenza. He obtained specialized training in equine viral research and genetic engineering and on equine influenza vaccine research in the UK. He published more than 130 original research articles in leading national and international journals. Under his leadership the IVRI in recent years has received a number of prestigious national ICAR awards including Sardar Patel Best Institution Award (2001), Rafi Ahmad Kidwai Award, Jawaharlal Nehru Award for P.G. Agricultural Research, Hari Om Ashram Trust Award, Best Teacher Award, Best Woman Scientist Award, Best Annual Report Award (2000-01) and Rajarshi Tandon Rajbhasha Award (2002-03).



Dr M.P. Yadav



## NEW VCs

### Shri M.K. Miglani, IAS

Shri M.K. Miglani took over as Vice-Chancellor of CCS Haryana Agricultural University, Hisar on 1 July 2003. Earlier he was working as Principal Advisor to the Chief Minister, Haryana and Chairman, Haryana State Industrial Development Corporation. Born on 14 December 1942, Shri Miglani had his B.Sc. in Agriculture (1962) from Government Agricultural College, Ludhiana, and M.Sc. (Soil Science and Agricultural Chemistry) from Indian Agricultural Research Institute, New Delhi, with first position at both the places. During his meritorious career, he earned many gold medals and awards such as Golden Jubilee Gold Medal, IARI; Desai Biswas Gold Medal, IARI; scholarship and University Medal of the PAU at B.Sc. (Agriculture) level; Roll of Honours by the Government Agricultural College, Ludhiana; University Merit Atomic Energy Department Scholarship (1962-1964), CSIR JRF at the IARI (1964-65), UGC JRF at the IARI (1965-66), and was also awarded many prizes for standing first in various university examinations and individual subjects.



Shri M.K. Miglani

An IAS officer of Haryana Cadre (1967), Shri Miglani held important positions in Haryana Government such as Principal Secretary to Animal Husbandry Department, Dairy Development Department, Fisheries Department, Development and Panchayat Department, Forest Department and Wild Life Preservation Department, Technical Educational Department, Public Relations Department and Civil Aviation Department. He was Vice-Chancellor of Kurukshetra Agricultural University, and held many other important assignments including Chairman of Haryana Seeds Development Corporation and of Dairy Development Cooperative Federation. He was Member, Board of Management of CCS Haryana Agricultural University for more than 7 years during his tenure as Administrative Secretary, Department of Agriculture and Development, Government of Haryana.

Shri Miglani attended many national and international advance courses such as at the Institute of Development Studies, Sussex, the UK; Economic and Social Commission for Asia and the Pacific (ESCAP), Bangkok; University of Connecticut, Hartford, the USA; Asia Productivity Organization, Tokyo,

Japan; Indian Institute of Public Administration, New Delhi; Indian Institute of Management, Ahmedabad and Lucknow; Administration Staff College of India, Hyderabad; National Institute of Rural Development, Hyderabad etc. Shri Miglani has authored a large number of reports, papers and publications during his tenure with the Government of Haryana and widely travelled in India and abroad (USA, UK, Israel, Malaysia, Mexico, Japan, Australia, the Netherlands, New Zealand, France etc.) for studying total agricultural development.

### Dr P.K. Singh, VC, CSAUAT, Kanpur

Dr Pawan Kumar Singh, Joint Director (Research) and officiating Director of the IARI, has been appointed the Vice-Chancellor of Chandra Shekhar Azad University of Agriculture and Technology, Kanpur, on 7 June 2003. Born on 31 July 1945 at Varanasi, he did his M.Sc. and Ph.D. in 1965 and 1968 respectively, from Banaras Hindu University. During his 37 years of research career, he made significant contributions to microbiology, algology, biotechnology, biofertilizers and integrated crop-nutrient management, genetics, radiation biology and ecophysiology. He held several senior management positions at CRRI, Cuttack and at IARI and NBAIM, New Delhi, for more than 14 years.



Dr P.K. Singh

Dr Singh published nearly 400 publications comprising research papers, review and popular articles, technical reports and books. He guided 23 Ph.D. students.

Dr Singh was elected Fellow (Plant Sciences) of Indian National Science Academy in 1989 and Foundation Fellow of National Academy of Agricultural Sciences in 1991. He became ICAR National Fellow (in Biological Nitrogen Fixation) in 1980, and was awarded Hari Om Ashram Trust Award of the ICAR in 1981. He was appointed Professor at N.D. University of Agriculture and Technology, Faizabad, U.P., in 1982. He also served as Chairman/Member of various expert committees of government departments and organizations such as the ICAR, DBT, DST, CSIR, UGC and Scientific Advisory Committee to the Cabinet. Dr Singh participated in several international conferences and meetings in the USA, the UK, Australia, Brazil, Philippines and Bangladesh.

## Focus on Universities - Achievements and Events

### UNIVERSITIES

### A Profile

#### WEST BENGAL UNIVERSITY OF ANIMAL AND FISHERY SCIENCES, KOLKATA

##### Setting up of the University

The West Bengal University of Animal and Fishery Sciences has been established on 2 January 1995; it has bifurcated from the erstwhile Bidhan Chandra Krishi Viswavidyalaya, Mohanpur. The university started its formal functioning on 1 June 1995. In view of the emerging importance of Dairy and Animal Husbandry in the

economic upliftment of the rural people of West Bengal and development of new technologies and their optimum utilization for this important sub-sector and for better teaching, training and research as well as extension activities, the need for establishing a separate university was ardently felt. In this



Hon'ble. Shri Jyoti Basu, ex-Chief Minister of W.B. visited the Kolkata Campus and was felicitated by Dr A.K. Bhattacharya, V.C.



context, the Department of Animal Resources Development, Government of West Bengal constituted a working committee to assess the potentiality of establishing such a university in the state. The working committee comprised eminent academicians, scientists, social activists and government officials.

It is a matter of great pride to refer to the initiative of Shri Mehboob Zahedi, the then Minister-in-charge, Department of Animal Resources Development, Government of West Bengal, who endorsed the report of the Working Committee and put up a crystallized proposal before Shri Jyoti Basu, the then Hon'ble Chief Minister of West Bengal, who took keen interest in the matter and approved the proposal of the department.

The then Director of Veterinary Services, Government of W.B. extended all-round co-operation and guidance for establishing this university.

Dr Ashim Bala, an alumni of Bengal Veterinary College (which may be considered as the legendary college where from this university has originated) and the then Member of Parliament, also played a role in this regard.

### Main Objectives

1. To impart education in Veterinary and Animal Sciences, Fishery Sciences, Dairy Technology and allied sciences.
2. To conduct basic and applied researches in Veterinary and Animal Sciences, Dairy Technology and Fishery Sciences for advancement of knowledge and enhancement of productivity.
3. To undertake development of such sciences and extension thereof to the rural people in co-operation with the concerned department of the Government of West Bengal.

### Main Achievements

#### Academic Activities

There are 17 departments in the Faculty of Veterinary and Animal Sciences. The syllabus formulated by the Veterinary Council of India for the award of BVSc & AH degree was introduced last year. The members of this faculty were awarded "Education for Nature" fellowship by World Wildlife Fund, the USA.

The Faculty of Dairy Technology has four departments: Dairy Technology, Dairy Bacteriology, Dairy Engineering and Dairy Chemistry. A new department entitled Dairy Economics, Statistics and Marketing has been proposed. This faculty has been offering B. Tech., M. Tech. and Ph.D. degrees. In the



Prof. M.A. Quaddas, Hon'ble Minister of State for Fisheries and Livestock, Bangladesh, paid a visit to the Mohanpur Campus of the University on 31 March 2001



Newly built girls' hostel at Kolkata Campus



Parasitology laboratory at Kolkata Campus

Faculty of Fishery Sciences, eight departments exist. This faculty offers B.F.Sc. and M.F.Sc. degrees (newly implemented). Doctoral programme is under review.

### Research

Five research projects funded by the ICAR, Government of India, and WWF (USA) have been completed, and the reports have been submitted to funding agencies. Currently there exist 18 on-going research projects funded by the ICAR; out of which those on Garole sheep, AICRP on Black Bengal Goat, Ghoongroo pig production, Blue-tongue in sheep, Micronutrients in animal nutrition, Low-cost underutilized marine fishes and shrimp, and Fish health management are pioneering. In addition, 13 more research projects have been submitted to different funding agencies for approval.

### Extension

Extension activities in Veterinary and Fishery Sciences have been introduced. One district extension centre has been initiated at Midnapore at the premises of MPDS in collaboration with Midnapore Zila Parishad. Fourteen workshops, five seminars, six training programmes and three refresher courses have been completed. The university has also participated in eight *melas/utsavs*.

### Farm Activities

The university has established one model piggery farm at Mohanpur Campus along with a biogas plant and also at Ramsai Farm, Jalpaiguri, for demonstration and training of rural people and distribution of animals to poor farmers, and also for conducting research and academic activities. One quail demonstration unit, turkey farm and duck-cum-fish farm have been introduced at the



Ghoongroo pig (newly isolated breed) at KVK, Jalpaiguri



Cattle farm at KVK, Jalpaiguri



Dr S.L. Mehta, DDG (Edn), ICAR is felicitated in the Women's training programme organized in 2000



Prawn Hatching Farm of WBIAFS in Midnapore dist.



Duck distribution at village level



Mohanpur Campus. A prawn hatchery unit has also been established at the MPDS, Barua, and the prawn seeds have been distributed to the beneficiaries of that area.

### Relevant Technologies Developed

Studies have been conducted on the impact of livestock, animal breeding and conservation of animal genetic resources and on energy balance of farm women in relation to their nutritional status on the socio-economic status of rural poor people. Several ad-hoc schemes have already been completed such as Pesticides on oxidative phosphorylation and mixed function oxidase system in different animals, Computer-managed maintenance system for integrated dairies, Integrated piggery development and Autoecology of hog deer (*Axis pornicus*) in protected areas of sub-Himalayan West Bengal

### International Collaborations

The university has taken up many projects, especially in the Faculty of Fishery Sciences, seeking international collaboration through the World Bank.

A Wildlife Centre is functioning here under World Wildlife Fund (WWF), the USA, which has generated a lot of enthusiasm in the country regarding preservation and protection of wild life.

### New Initiatives

#### Academic

The university has already taken initiative to reorganize the existing departments in the three faculties, especially in the Faculty of Veterinary and Animal Sciences, as per guidelines of the Veterinary Council of India. Masters Degree in Fishery Science (M.F.Sc.) has already been started, and Biotechnology Centre has been established to explore the potentiality in this area. The Veterinary Clinic has been reorganized and its ultrasonography facility has generated good response for pet animals.

#### Administrative

With the help of State Government and ICAR Catch-up Grant, a Ladies Hostel is nearing completion at the Mohanpur Campus. Construction of Central Library at Belgachia Campus with internet and website facilities has been started. Renovation of an auditorium and examination hall is underway. The Students' Dairy Plant with facility of auto-sachet filling under the Faculty of Dairy Technology is near completion.

### Research and Extension

Functioning of the KVK at Ramsahi (dist. Jalpaiguri) has been reoriented not only to generate resources but also to provide

training facilities to the rural folk. A fish hatchery is near completion under the Faculty of Fishery Sciences. Artificial hatching of tiger prawn in regulated system within the campus of Midnapore Planning and Development Society has been achieved at village Barua under the direct supervision of the university.

### Future Perspective Planning till 2020

The crystallized future perspective planning is near finalization for submission before the State Planning Commission and the ICAR for the Tenth Five Year Plan.

#### Academic

1. To start Doctor of Philosophy course under the Faculty of Fishery Sciences.
2. To meet growing need of students, the university may explore potentiality of opening the Faculty of Home Science and courses related to Management of Fishery and Animal Sciences.
3. This year 48 students have qualified for JRF of the ICAR.
4. The Research and Development Council of the university has taken up more and more projects.
5. State Government has been approached for sanction of more posts of teaching and supporting staff, keeping parity with the strength of the students and activities of the university.
6. A full-fledged computer network system, integrating the activities of the university, is likely to be completed by that time.

## CH. SARVAN KUMAR KRISHI VISHVAVIDYALAYA, PALAMPUR

### Governor Visits University and Centres

Shri V.S. Kokje, Governor of Himachal Pradesh, visited CSKKV, Palampur on 30 July 2003, and the Hill Agriculture Research and Extension Centre, Bajaura (Kullu) on 21 August, and evinced keen interest in the ongoing research activities there. He also visited the Highland Agriculture Research and Extension Centre,



Hon'ble Governor of W.B., Shri V.J. Shah, discussing with Dr A.K. Bhattacharya, V.C., WBUAFS (2nd Convocation, 19 December 2001)



Central Diagnostic Laboratory under Dep. of Clinics, Inaugurated by Shri Anisur Rahman, Hon'ble Minister, Dep. of ARD, Government of W.B.



Shri V.S. Kokje, Governor of H.P., visiting the experimental farms in Kukumseri (Lahaul & Spiti)

### Student enrolment in the university (1999-2000)

Level	Total enrolment	Out of total enrolment			
		No. of women	No. of SC	No. of ST	No. of foreign students
Under-graduate	132	16	28	9	Not applicable
Post-graduate	108	20	20	2	Not applicable
Ph.D.	50	3	3	x	1 (Female)
Total	290	39	51	11	1



Kukumseri (Lahaul & Spiti) on 23 August, where he inaugurated Trilokinath Bhawan, built at a cost of Rs 23 lakhs. He also inaugurated a Kisan Mela and visited experimental fields.

#### **New Varieties Released**

Two varieties of mustard (raya) have been recommended for release at all-India level. CS-614-4-1-4 variety has been recommended for growing in alkaline and acidic soils. It matures in 121 days, has bold grains, oil content 40% and average yield 1.9 tonnes/ha. It has been developed by Dr T.S. Sinha and team from the National Soil Salinity Research Institute, Karnal. Another variety JD 6 is early-maturing (103 days) with average yield 0.8 tonnes/ha. Its oil content is 41% and it is best suited in rice-jute cropping system. It has been developed by Dr J.N. Singh and his team from the Indian Agricultural Research Institute, New Delhi. This variety has been recommended for Bihar, West Bengal, Orissa, Assam and Jharkhand.

Wheat variety HPW 155 developed by this university has been identified for cultivation at the national level. It has been developed by a group of scientists headed by Dr Satish C. Sharma, Associate Director (Research). It was recommended for cultivation in high-altitude areas of the Northern Hill, Zone as replacement for Sonalika and an alternative to the existing HPW 42 and HS 365. It has high degree of resistance to yellow and brown rusts, loose smut and flag smut, and is early maturing. It gives an average grain yield of 2.53 tonnes/ha with potential to yield 3.3 tonnes/ha in timely-sown rainfed conditions. It yields amber, bold and hard grains with an average protein content of 10.89 per cent. Wheat variety Aradhana (HPW-42) developed by this university has also been released at the national level.

#### **DR BALASAHEB SAWANT KONKAN KRISHI VIDYAPEETH, DAPOLI**

##### **National-level Annual Workshop on Remandeded KVKs**

The university had organized a national-level annual workshop on Remandeded Krishi Vigyan Kendras in the country to review the progress of regional centres at Dapoli on 26 June 2003 under the chairmanship of Dr S.S. Magar, Hon'ble Vice-Chancellor of the university, with the financial assistance from the ICAR, New Delhi.



Dr S.S. Magar, VC, addressing the participants. Dignitaries on dais (from left): Dr B.V. Ingle, Dr K.D. Kokate and Dr Aditya Shukla, ADG (Extn)

#### **DR Y.S. PARMAR UNIVERSITY OF HORTICULTURE & FORESTRY, NAUNI**

##### **International Conference on Short-rotation Forestry**

The International Conference on "World Perspective on Short-rotation Forestry for Industrial and Rural Development" was organized by Dr Y.S. Parmar University of Horticulture and Forestry, Nauni, dist. Solan, in collaboration with the International Union of Forest Research Organization, Vienna (Austria) and Indian Society of Tree Scientists, Solan from 7 to 13 September 2003.

The conference involved in-house deliberations for 3 days and field



Shri Virbhadr Singh, CM (H.P.), inaugurating the conference

excursion to Himalayan forests for 3 days. More than 250 delegates, including 7 foreign delegates, participated in the conference. The following recommendations have emerged from the conference deliberations.

- Short-rotation Forestry (SRF) species need to be identified for specific agroclimatic regions to meet local and regional requirements and for reclamation of wastelands, mined areas and other harsh sites.
- Wood characteristics and end-uses of Short-rotation Forest species are to be worked out where not known.
- Suitable agro-forestry models involving Short-rotation Forestry tree species should be developed and demonstrated to end-users. The cost: benefit ratio of different SRF species and agro-forestry models should be worked out.
- Species resistant to pests and diseases are to be developed through conventional as well as biotechnological techniques, and suitable integrated pest-management schedules need to be worked out for important SRF species.
- Variety Release Committees or Agencies should be constituted at the state and national levels for the release of superior clones or varieties of fast-growing tree species developed by the breeders.
- Agro-forestry policy should be framed at the national level, and laws for harvesting and marketing of SRF trees species should be enacted for the benefit and convenience of farmers.
- Linkages should be established between research institutions, industries and rural development organizations for easy transfer of technology.

#### **MARATHWADA AGRICULTURAL UNIVERSITY, PARBHANI**

##### **NCC Cadets Brought Laurels**

The NCC Cadets of Marathwada Agricultural University, Parbhani, bagged General Championship Trophy 2003-2004 successively for the second time in the Annual Training Camp of 52 Maharashtra Battalion NCC, Nanded held from 1 to 12 August 2003, by winning 4 gold, 4 silver and 3 bronze medals.



Successful holders of NCC 'C' and 'B' certificates during Annual Training Camp, Nanded

The Cadets of this university created a history by achieving a great success in NCC "C" Certification Examination; all the 23 students were successful. Similarly, 45 Cadets out of 50 were successful in NCC "B" Certificate.

##### **Farmers' Rally**

The Directorate of Extension Education, Marathwada Agricultural University, Parbhani, organized a farmers' rally on the eve of "Marathwada Mukti Din" on 17 September 2003, as a joint venture with Rashtriya Chemicals and Fertilizers.



Shri Keshavrao Deshmukh releasing special issue of Sheti-Bhati magazine (Dr V.M. Pawar, Dr Dhoble and Dr Rao are seen on dais)

Shri Keshavrao Deshmukh, a progressive farmer and social worker from Sagroli, dist. Nanded, was the Chief Guest. He inaugurated



Agricultural Exhibition arranged on this occasion and emphasized the use of organic farming for sustainable agriculture.

## MAHATMA PHULE KRISHI VIDYAPEETH, RAHURI

### New Administrative Building at MPKV, Rahuri

Foundation stone was laid for the construction of new administrative building of the MPKV, Rahuri. This 3-storey building will occupy 5,700 m<sup>2</sup>, with provision for all administrative facilities of the university.

### Dr S.L. Mehta, National Director, NATP visited MPKV

Dr Mehta visited the university on 11 September 2003. He visited various research projects and guided the staff and students of the university, and congratulated them for the Sardar Patel Best Agricultural University award received by MPKV, Rahuri. At present the university has 30 NATP projects in operation, with total sanctioned grants of Rs 6.58 crores.



State Minister of Agriculture, Shri Govindrao Adik, at Foundation stone-laying ceremony



Dr S.L. Mehta at MPKV, Rahuri

## Sugarcane Woolly Aphid Havoc in Maharashtra

The sugarcane woolly aphid, *Ceratovacuna lanigera*, since its appearance in July 2002 in some of the districts has now spread to the entire sugarcane-growing districts in western Maharashtra. It has threatened sugar industry of the state due to the significant reduction in sugarcane yield and quality. A central team under the chairmanship of Dr A.D. Pawar, Additional Plant Protection Adviser-cum-Director (IPM), PPQ & S., Faridabad, has visited and surveyed the severity of sugarcane woolly aphid in the jurisdiction of Mahatma Phule Krishi Vidyapeeth, Rahuri during 10-12 September 2003. This team took stock of the situation of the pest in Maharashtra and suggested biological control through conservation and augmentation of natural enemies.

## PUNJAB AGRICULTURAL UNIVERSITY, LUDHIANA

### President of India Inaugurates Kisan Mela

President Dr Abdul Kalam visited PAU, Ludhiana on 4 September 2003 to witness the Kisan Mela. Commenting on the agricultural scenario in the country, he recalled the days when starvation was prevalent. He lauded the role played by the PAU in promoting technology-based agriculture and in helping the nation achieve food security. He emphasized the need to graduate to a second green revolution that would aim at higher



Hon'ble President, Dr A.P.J. Abdul Kalam, at Kisan Mela, PAU, Ludhiana

income along with self-reliance. He stressed the need to take the GDP from current 6% to 10%. Dr Kalam appealed the farmers to focus on these issues to enable India to metamorphose into a developed country by 2020. He also inaugurated the building of PAMETI constructed under the NATP project and had a video-conferencing session with the Hyderabad branch of the institute.

The Governor of Punjab and the Chancellor of the university, Shri O.P. Verma, giving statistical information about the state, said that despite having only 5 million hectares of agricultural land, Punjab has contributed 14% of foodgrains to the country, 10% of milk, 25% of honey and 20% of mushrooms.

The Chief Minister of Punjab, Capt. Amarinder Singh, appreciated the stellar role played by the people of Punjab in making the country self-sufficient. He felt that there is discrimination regarding minimum support price and hoped that the President would help by being a mouth-piece for Punjab farmers.

## RAJASTHAN AGRICULTURAL UNIVERSITY, BIKANER

### Centre for Forage Management

His Excellency, the late Shri Nirmal Chandra Jain, the then Governor of Rajasthan and Chancellor, RAU, Bikaner inaugurated the Centre for Forage Management on 6 August 2003. The centre, with adequate infrastructure and latest sophisticated equipments like Kjelteck, Fibertek, Image analyser and other facilities, was established for generating technologies to improve the output from grassland, enhanced green-fodder production along with appropriate post-harvest technologies for finding long-term solutions of fodder scarcity. He also released a publication. Prof Parmatma Singh, Vice-Chancellor, RAU, Bikaner presiding over the function said that the university has to play an important role for the development of fodder resources in Rajasthan to mitigate its shortage by enhancing research in this critical area and to come out with technologies that can sustain the great challenge of livelihood security. In this seminar 80 participants presented their papers and acted as resource persons for panel discussion.



Prof. Parmatma Singh, VC, at inaugural ceremony of Centre for Forage Management

## TAMIL NADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY, CHENNAI

### Centenary Celebrations of Madras Veterinary College

The Vice-President of India, Shri Bhairon Singh Shekhawat, inaugurated the Centenary Celebration of the Madras Veterinary College, held on Sunday, 6 July 2003. He declared open the centenary museum, and released souvenir. The Chief Minister of Tamil Nadu, Selvi J. Jayalalithaa, laid the foundation stone for the centenary building, inaugurated the interactive touch-screen terminal on livestock and pet animals, and addressed the gathering.



Inaugural function of Centenary Celebrations



### Symposium on "Veterinary Education and Services in India: Global Challenges"

As a part of the Centenary celebration, a symposium on "Veterinary Education and Services in India: Global Challenges" was also organized on 7-8 July 2003. The following recommendations were made during the symposium:



Symposium on "Veterinary Education and Services in India: Global Challenges"

- To review the VCI curriculum for under-graduate education to suit the present needs.
- To adopt uniform curricula for post-graduate and Ph.D. programmes.
- To evolve need-based continuous veterinary education facilities for field veterinarians to update their knowledge and skill.
- To create awareness among out-going graduates on the WTO, IPR and related issues by organizing guest lectures in the respective fields.
- To develop alternatives to animal experimentation like computer simulation and preparation of video cassettes with appropriate commentary for practical teaching.

## AWARDS AND RECOGNITION

### MAHATMA PHULE KRISHI VIDYAPEETH, RAHURI

#### Sardar Patel Best Agricultural University Award

Mahatma Phule Krishi Vidyapeeth, Rahuri has been awarded the prestigious 'Sardar Patel Best Agricultural University Award' for 2002. Dr S.N. Puri, Vice-Chancellor, received this award on behalf of the university on 16 July 2003 at the IARI, New Delhi.



Dr S.N. Puri, VC, receiving the award from Shri Rajnath Singh, Union Minister of Agriculture

The award comprises cash award of Rs 1 lakh, felicitation certificate and a memento. The university has been awarded for its significant contribution in agricultural education, research, extension activities and all-round development of the campus surroundings. The university has released 125 high-yielding varieties of different crops. It has made tremendous progress, especially during the last 4 years of the tenure of Dr S.N. Puri, in improving educational standards through library facilities at the central campus and constituent colleges, students' hostels, international hostel and other developments.

### DR BALASAHEB SAWANT KONKAN KRISHI VIDYAPEETH, DAPOLI

#### Dr S.S. Magar Honoured with Vasantao Naik Horticulture Development Award, 2003

Hon'ble Vice-Chancellor of this university, Dr S.S. Magar, has been felicitated by giving Vasantao Naik Horticulture Development Award, 2003 by the Vasantao Naik Agricultural Research and

Village Development Foundation, Mumbai, on 1 July 2003. The award consists of a memento and a cash prize of Rs 11,000. Dr Magar has implemented many useful programmes for horticultural development in the region and has also put forth the successful concept of 'Lakhi Baug', i.e. Rs 1 lakh

per year from mixed farming of coconut with spices. The concept has been well accepted by the farming community of the Konkan region.

### N.D. UNIVERSITY OF AGRICULTURE AND TECHNOLOGY, FAIZABAD

#### Awards

Dr Gajendra Singh, Associate professor, Crops Research Centre, Ghagrahat, Bahraich, received the Special Agricultural Scientist Award for 2002-03 for his good research work, presented by the U.P. Council of Agricultural Research. The award carries Rs 51,000 along with certificate of appreciation.

Dr Anuradha Singh, Research Associate, Department of Crop Physiology, received Young Scientist Award (Women) for the year 2002-03 of UPCAR. The award carries Rs 25,000 along with a certificate of appreciation.

Dr Vishwa Nath, a Ph.D. scholar of the Department of Horticulture, received the Best Thesis Award (Men) of UPCAR. The award carries Rs 15,000 along with a certificate of appreciation.

### PUNJAB AGRICULTURAL UNIVERSITY, LUDHIANA

#### Rafi Ahmad Kidwai Award to Dr M.S. Aulakh

Dr Milkha Singh Aulakh, Senior Soil Scientist of PAU, Ludhiana has won the 'Rafi Ahmad Kidwai Award' of the ICAR, New Delhi. The coveted award has been conferred in recognition of his contribution in Soil fertility improvement. The award carries a gold medal, citation and Rs 3 lakhs. Dr Aulakh won in the category of Natural Resource Management, which includes Soil science, Agronomy, Water management and environment, and Agroforestry.



Dr Aulakh receiving the Rafi Ahmad Kidwai Award

#### Lifetime-Achievement Award to Dr V.K. Nayyar

Dr V.K. Nayyar, Senior Soil Scientist and Head of the Department of Soils, PAU, Ludhiana, has won the S.N. Ranade Memorial Lifetime Achievement Award for 2003 in recognition of his outstanding contributions in Micronutrient Research. The award carries a silver memento, citation and cash prize of Rs 1.21 lakhs. Dr Nayyar has been working in this field for the last 30 years. He established threshold values of deficiency of micronutrients and toxicity of heavy metals in soils and crops, for their precise monitoring and predicting responses to the applied micronutrients. The simple technologies developed by him for efficient correction of micronutrient deficiencies have been widely used by the farmers of the state for realizing optimum crop yields and efficient use of agricultural inputs.



## ANNOUNCEMENTS

### BEST-ARTICLE AWARDS : Rice

To commemorate 2004 as the International Year of Rice, the Best-Article Award is being established to recognize the contributions of rice researchers from national agricultural research and extension systems (NARES) in the developing countries toward the advancement of rice-related knowledge and technology.

From August 2003 onward the papers submitted for publication in the *IRRN* will be evaluated on the basis of scientific content, originality, relevance and organization. There will be up to 6 winning papers from the 6 sections of *IRRN*- plant breeding; genetic resources; pest science and management; soil, nutrient and water management; crop management and physiology; and socio-economics. The winners will be chosen by the *IRRN* Editorial Board and invited reviewers. The winning entries will be announced in the October 2004 issue of *Rice Today* and will be published in December 2004 issue of *IRRN*.

The competition is open to all NARES rice researchers. The Award will be given to the first author of each paper. Additional authors may come from any organization. Research for all categories must have been conducted in a developing country. Each winner will receive a cash prize of \$500. The deadline for submission is **31 July 2004**.

For details, please contact:

*IRRN* Managing Editor IRRI, DAPO Box 7777, Metro Manila, Philippines

Fax: +63 (2) 580-5699; 891-1174; e-mail: [t.rola@cgiar.org](mailto:t.rola@cgiar.org)

### ACADEMY AWARDS FOR BIENNIUM 2003-04

The National Academy of Agricultural Sciences has instituted various awards for recognizing significant contributions of senior and middle level and of young scientists to promote agricultural research. These awards are presented biennially at the time of Agricultural Sciences Congress. Nominations for these categories of Awards are invited for the year 2003-2004, **up to 31 March 2004**.

Details of the Awards and Nomination proforma can be downloaded from the Academy website <http://education.vsnl.com/naas>

Contact address:

**National Academy of Agricultural Sciences**

Office Block, NASC Complex, Pusa, P.O. Box 11325, New Delhi 110012

Tel : (011) 25846051-52, 25841253; Fax : (011) 25846054;

Email : [naas@vsnl.com](mailto:naas@vsnl.com)

### UNIVERSITY OF AGRICULTURAL SCIENCES, DHARWAD

#### CCS Krishak Shiromani Samman Award to Shri R.M. Patil

Shri R.M. Patil, a progressive farmer, has been presented with the Chaudhary Charan Singh Krishak Shiromani Samman award for 2002 on the occasion of Kisan Samman Divas. Shri Patil harvested 165 tonnes/ha of sugarcane. He had received third prize at the district level (1970-71), received Karnataka State Level Award (1972), first prize in blackgram cultivation at the State level, UAS Golden Jubilee Award for outstanding contribution in agriculture (1998), and Krishi Ratna Award (2000-01) from Green India, Bidar for spectacular progress in agriculture and allied enterprises. He was the first person to adopt gobar gas with modification in Karnataka in 1971, and an innovator who used green chilli and garlic extract to control pests in redgram, bengalgram and vegetable crops.



Shri R.M. Patil

#### Krishi Visharad Samman Award to Shri S.R. Purama

Shri Somanath Reddy Purama, a farmer of Kodla village, dist. Gulbarga, has been awarded with Krishi Visharad Samman on the occasion of Kisan Samman



Shri Somanath Reddy Purama at the award ceremony

Divas at the IARI, New Delhi. Shri Reddy obtained high yields in redgram, bengalgram and *rabi* sorghum by adopting organic farming. He used chilli and garlic extracts to control pod-borer in bengalgram. A field day was organized at his field. He also applied neem-seed powder to his land as manure, and adopted vermiculture, producing 0.6 tonnes vermicompost within 4 months and applied it to greengram to harvest good yield.

### UTTAR BANGA KRISHI VISWAVIDYALAYA, WEST BENGAL

#### Farmer Receives National Award

The excellent performance in extension activities of Coochbehar KVK in Transfer of Technology programme has fetched national award to the adaptive farmer, Shri Kalipada Das of village Chilakhana. The Union Minister of Agriculture, Shri Ajit Singh, awarded Shri Das at a function on National Farmers' Day on 22 December 2002 at New Delhi.

Printed Matter  
BOOK-POST

STAMP

To

---

---

---

---

From:

Indian Agricultural Universities Association  
# 1G-2, CGIAR Block, NASC Complex, D.P.S. Marg, Pusa Campus, New Delhi 110 012