

**fgUnh llrkg ¼15&22 flrEcj] 2008½**

jk"V<sup>ah</sup>; d`f"kokfudh vuqla/kku dsUnz] >Wklh esa fnukad 15 flrEcj] 2008 dks Mk- ,l- ds- /;kuh] funs"kd dh v/;{krk esa fgUnh llrkg dk 'kqHkkjEHk fd;k x;kA loZizFke funs"kd egksn; ,oa eapklhu egkuqHkkoksa }kjk nhi izToyu ,oa ljLorh ekW dks ekY;kiZ.k dj fgUnh llrkg dk 'kqHkkjEHk fd;k x;kA Mk- ,l-ih- vgykor us eapklhu egkuqHkkoksa rFkk dk;Zdze esa mifLFkr dsUnz ds oSKkfud] vf/kdkjh ,oa deZpkjhx.kksa dk Lokxr fd;kA rRi"pkr~ dk;Zdze ds la;kstd Mk- vkj-oh- dqekj] izHkkjh vf/kdkjh ¼fgUnh½ us fgUnh llrkg dh O;kid :i&js[kk ,oa dk;Zdzeksa dh tkudkjh izLrqr dhA mUgksus crk;k fd fgUnh dks c<kok nsuas ds fy, vusd izfr;ksfxrkvksa dk vk;kstu fd;k tk jgk gS ftlesa IHkh oSKkfud] vf/kdkjh ,oa deZpkjh c<+p<+ dj Hkkx ysa ftlls fd fgUnh dk O;kid izpkj&izlkj fd;k tk ldsA bl izfr;ksfxrk esa IQyre izfrHkkfx;ksa dks iqjLd`r djus dk Hkh izko/kku j][kk x;k gSA dsUnz funs"kd Mk- ,l- ds- /;kuh us vius IEcks/ku esa fgUnh ds O;kid izpkj&izlkj ds fy, fgUnh dks O;olk; ls tksM+dj mlds egRrk ij izdk"m MkykA mUgksus dgk fd fgUnh dks tu laidZ Hkk"kk ds :lk esa LFkkfir djus ds fy, vHkh Hkh cgqr igy djus dh t:jr gSA mUgksus dsUnz }kjk fgUnh esas fd;s tkus okys dk;ksZ dh ljkguk dhA jk"V<sup>ah</sup>; 'kks/k laLFkku esa tgkW izR;sd izkUr dk izfrfuf/kRo gksrk gS] fgUnh esa dke djuk cgqr dfBu gS] fQj Hkh dsUnz esa py jgs fgUnh ds dk;ksZ dks ns[krs gq, mUkds }kjk Hkwjh&Hkwjh ljkguk dh xbZA dk;Zdze esa ekuuh; d`f"k ea=h ¼Hkkjr ljdkj½ dk lans"m Jh ch- flag] dk;kZy; izeq[k }kjk lk<+dj lq;k;k x;k ftlesa eq[; :lk ls ekuuh; ea=h th us dgk gS fd fgUnh fnol ij ge feydj ladYi djsa fd ns"m ds lafo/kku eas jktHkk'kk fgUnh

ds tks izko/kku fd;s x;s gS muds izfr ge lc eu&deZ vkSj opu ls fu'Bkoku jgsxsa vkSj ewy :lk ls vius IHkh dk;ksZ esa lly vkSj lqcks/k fgUnh dk iz;ksx djsaxsA bl volj ij ge IHkh fgUnh esa ljdkjh dkedkt c<kus ds izfr ladYi ysa rFkk fgUnh ds mRrjksRRj iz;ksx dks c<+k;sA mUgksus vius lans" k esa dgk fd ifj'kn ds ofj'B vf/kdkfj;ksa ls esjk fo"ks'k vkxzg gS fd os fgUnh dk iz;ksx djus esa fdlh Hkh izdkj dk ladksp u djsa vksj bl dk;Z esa vius vf/kuLFk vf/kdkfj;ksa ,oa deZpkfj;ksa ds fy, izsj.kk dk lzksr cusaA mUgksus vius lans" k esa ;g Hkh dgk fd Hkkjrh; d`f'k vuqla/kku ifj'kn esa d`f'k vuqla/kku dk;ksZ dh lkFkZdrk rHkh gS] tc vuqla/kku miyfC/k;ksa dks ns" k ds fdlkuksa vkSj tuekul rd igqWpk;k tk ldsA tuekul rd igqWpkus ds fy, fgUnh gh ,d l" kDr ek;/e gS ftls ge viuh vuqla/kku miyfC/k;ksa dks fdlkuksa rd igqWpk ldrs gSaA dk;Zdze ds nkSjku dsUnz ds vusd vf/kdkfj;ksa ,oa deZpkfj;ksa }kjk fgUnh ds lEcU/k esa visu fopkj O;Dr fd;s x;sA bl ds ckn **cl ,d feuV izfr;ksfxrk** dk vk;kstu fd;k x;k ftlesa Mk- ,- osadVs" k izFke] Mk- vks- ih- prqosZnh f}rh;] Mk- vkj- ih- f}osnh r`rh; rFkk Jh jke flag dks lkURouk iqjLdkj iznku fd;k x;kA

**fnukad 16-9-2008** dks dsUnz esa okn&fookn izfr;ksfxrk dk vk;kstu fd;k x;k ftldk 'kh" kZd ^^-----

-----\*\* Fkka ftless dsUnz ds vf/kdkfj;ksa ,oa deZpkfj;ksa us Hkkx fy;kA bl izfr;ksfxrk esa Mk- cnsz vkye izFke] Mk- jktsUnz izlkn f}rh;] Mk- ,- osadVs" k r`rh; rFkk Jh egsUnz dqekj dks fu.kkZ;d e.My }kjk lkURouk iqjLdkj fn;k x;kA

**fnukad 17-9-2007** dks fucU/k izfr;ksfxrk dk vk;kstu fd;k x;k ftldk 'kh" kZd ^^-----

----- FkkA bl izfr;ksfxrk esa dsUnz ds  
vf/kdkfj;ksa ,oa deZpkfj;ksa ¼prqFkZ Js.kh ds deZpkfj;ksa dks  
NksM+dj½ us Hkkx fy;kA fu.kkZ;d e.My }kjk dq- eksfnuh varjdj  
dks izFke] Jh ;w-ih- flag dks f}rh; rFkk Jh ,l-ih- ;kno dks r`rh;  
rFkk Jh ,l-ih- pkSgku dks lkURouk iqjLdkj iznku fd;k x;kA

**fnukad 18-9-2007** dks lqys[k izfr;ksfxrk dk vk;kstu fd;k x;k ftlesa  
dsUnz ds rduhdh ,oa iz”kklfud Js.kh ds vf/kdkfj;ksa ,oa  
deZpkfj;ksa us Hkkx fy;kA blesa Jh chjsUnz flag dks izFke] Jh  
ds-ih- “kekZ dks f}rh; ] Jh gwcyky dks r`rh; ,oa Jh jktsUnz flag  
dks lkUouk iqjLdkj nsus gsrq fu.kkZ;d e.My }kjk p;u fd;k x;kA  
bls ckn beyk izfr;ksfxrk dk vk;kstu fd;k x;k ftlesa dsUnz ds  
rduhd Js.kh ,oa iz”kklfud Js.kh ds vf/kdkfj;ksa ,oa deZpkfj;ksa  
us Hkkx fy;kA fu.kkZ;d e.My }kjk izfr;ksfxrk esa Jh chjsUnz flag  
dks izFke] Jh ;w-ih- flag dks f}rh; rFkk Jh egsUnz dqekj dks r`rh;  
iqjLdkj nsus dks viuh laLrqfr iznku dh A

**fnukad 19-09-2007** dks prqFkZ Js.kh deZpkfj;ksa ds fy, lkekU;  
Kku izfr;ksfxrk vk;ksftr dh xbZ ftlesa Jh izeksn dqekj izFke] Jh  
dkerk izlkn f}rh; rFkk Jh x.ks”k izlkn r`rh; jgsA mlbs mijkUr  
prqFkZ Js.kh dk ,d vkSj izfr;ksfxrk ^beyk izfr;ksfxrk\*\* vk;ksftr  
dh xbZ ftlesa Jh Jh eqUUkk yky izFke] Jh vrj flag f}rh; rFkk Jh  
jke flag r`rh; jgsA bls mijkUr vuqokn izfr;ksfxrk dk vk;kstu fd;k  
x;k] ftlesa iz”kklfud “kCnksa dk vaxzsth ls fgUnh eass vuqokn  
djuk FkkA blesa Jh ds-ih- “kekZ dks izFke] Jh lh- ds- cktis;h  
dks f}rh; ,oa Jh ;w-ih- flag r`rh; jgsA bls ckn vfgUnh Hkk”kk  
{ks=ksa ds fy, Hkh vuqokn izfr;ksfxrk IEiUu dh xbZ ftlesa Mk- ,-

nRrk dks izFke ,oa Mk- cnzs vkye dks f}rh; rFkk Mk- ,-  
osadVs”k dks r`rh; iqjLdkj fn;k x;kA

**fnukad 20-09-2008** dks dfork iz;ksfxrk dk v;kstu fd;k x;k] ftlesa  
Mk- jktsUnz izlkn dks izFke] Mk- lh- ds- cktis;h dks f}rh;] Jh ds-  
ih- “kekZ dks r`rh; rFkk Jherh dkS”kY;k dks lkURouk iqjLdkj fn;k  
x;kA

**fnukad 22-9-2008** dks oSKkfudksa dk 'kks/k&lk= ¼iksLVj½  
izfr;ksfxrk dk vk;kstu fd;k x;kA ftlesa dsUnz ds oSKkfudksa us  
vius 'kks/k i= iksLVj dk izn”kZu fd;k x;kA fu.kkZ;d e.My }kjk  
'kks/k&lk= dk xgu v/;;u dj rhu 'kks/k&lk= dks izFke] f}rh; ,oa r`rh;  
iqjLdkj nsus gsrq ?kks”k.kk dh xbZA bl izfr;ksfxrk esa Mk- ,-  
ossadVs”k ,oa vU; dks izFke] Mk- vkj-oh- dqekj ,oa vU; dks  
f}rh; ,oa Mk- jkFkk d`.ku ,oa vU; dks r`rh; iqjLdkj iznku fd;k x;k  
A fiNys ,d lky ds dk;Zdky esa 20]000 ;k mlls vf/kd 'kCn fgUnh  
esa fy[kus ds fy, Jh ds- ih- 'kekZ dks izFke] Jh egsUnz dqekj  
dks f}rh; ,oa Jh chjsUnz flag rFkk Jh nychj flag jkor dks r`rh;  
iqjLdkj fn;k x;kA

**fnukad 22-9-2006** dks fgUnh llrkg dk lekiu lekjsg dsUnz  
funs”kd dh v/;{krk esa IEiUu gqvka bl volj ij dsUnz funs”kd Mk-  
f”kodqekj /;kuh us dsUnz }kjk izdkf”kr okf”kZd fgUnh if=dk  
**^^d`f`kokfudh vkyksd&2008\*\*** ds nwljs vad dk foekspu fd;k  
x;k vkSj crk;k x;k fd **^^d`f`kokfudh vkyksd\*\*** ds izFke vad ds  
izdk”ku dh fofHkUUk jkT; ,oa dsUnz ljdkj ds laLFkkuksa ,oa  
iqLrdky;ksa }kjk mldh fyf[kr :lk esa Hkwjh&Hkwjh ljkguk dh  
xbZA mUgksus ;g Hkh crk;k fd vc Hkh mijksDr if=dk dh ekax  
gekjs ikl vk jgh gSA vk”kk gS fd d`f`kokfudh vkyksd dk nwljk vad

Hkh mi;ksfxrk ds fygkt ls yksxks dks ilUn vk;sxk vkSj bldh ekax c<+sxhA bl volj ij funs”kd egksn; }kjk izfr;ksfxrk esa fot;h izfrHkkfx;ksa dks iqjLdkj forfjr fd;k x;k vkSj mUgksus lHkh ls vkg~oku fd;k fd gesa Hkkjr ljdkj ds vkns”kksa dk ikyu djrs gq, viuk ljdkjh dkedkt vf/kd ls vf/kd fgUnh esa djus dk iz;kl djuk pkfg,A mUgksus crk;k fd bl dsUnz }kjk ,d fgUnh 'kCn dks”k dk izdk”ku fd;k tkus okyk gS ftlls rduhdh ,oa iz”kklfud 'kCnkofy;ksa ds O;ogkfjd mi;ksx esas dkQh enn feysxhA mUgksus ;g Hkh dgk fd fgUnh llrkg ds volj ij ge lc ;g iz.k djsa fd jktHkk”kk fgUnh ds izfr ge vius laoS/kkfud mRrjnkf;Ro dks iwjk djus esa dksbZ dlj ugha NksM+sxsaA vUr esa fgUnh llrkg dks IQy cukus gsrq Mk- vkj- oh- dqekj] ofj”B oSKkfud ,oa izHkkjh vf/kdkjh ¼fgUnh½ us dsUnz ds leLr vf/kdkfj;ksa ,oa deZpkfj;ksa dk /kU;okn Kkfir fd;kA

## **TRAINING–CUM AWARENESS PROGRAMME ON INTELLECTUAL PROPERTY RIGHTS AND ITS PROTECTION**

Centre organized training cum awareness programme on “*Intellectual Property Rights and Its Protection*” in association with Council of Science & Technology, U.P. on 2<sup>nd</sup> September 2008. The inaugural session was chaired by Dr. S.K. Dhyani, Director, NRCAF, Jhansi. Dr. S.P. Ahlawat, Sr. Scientist and Nodal Officer, IPR Training Programme highlighted the importance of IPR in context of WTO. Dr. Rajeev Pandey, Scientist, IPR Unit, CST U.P. briefed the activities of the Council of Science and Technology and the facilities being provided by its departments including IPR unit. Dr. S.K. Dhyani, Director, NRCAF, emphasized the need of the knowledge of the IPR and focusing research on public and private partnerships. He told that there is need of more and meaningful collaboration between the research and development organizations in the country and abroad rather than working in isolation.

The programme was attended by 76 participants from 7 institutions of the government and selected progressive farmers of the district including 37 scientists, 13 technical officers, Officers in Charge of 3 centres (KVK, Jhansi, Lalitpur and Regional Centre, Datia), 13 Ph.D. scholars, students and engineers. Officers in Charge of the Aakashwani Kendra, Programme coordinators, technicians and engineers of Aakashwani Kendra, Jhansi (All India Radio) also attended the programme and broadcasted on the same day at 7.00 P.M on All India Radio, Jhansi. In this programme, the resource person provided basic knowledge regarding IPR including patents, GI and designs and presented the review of patent system in India. Farmers were asked to remain vigilant about their Intellectual property rights particularly ITK. The deliberations were appreciated by the participants.

## **KRISHAK SAMMAN SAMAROH:**

All India Radio, Jhansi with the cooperation of NRCAF, Jhansi organized Krishak Samman Samaroh of progressive farmers on 2<sup>nd</sup> September 2008. On this occasion, Krishak Samman Patra was given to the progressive farmers. Adoption of the agroforestry technologies by the farmers for sustainable production, risk coverage and mitigating weather vagaries was duly emphasized. The selected farmers have adopted agroforestry landuse and diversified agriculture so as to reap benefit from farming through reduction in the cost of cultivation, checking pollution and adoption of cutting edge technology in tandem with market demand. The ten selected farmers, Sh Anand Shrotiya, Sh. Prabhudayal, Sh. Narayan Das Sharma, Sh. Chandan Singh Raput, Sh. Rajendra Khare, Sh. Ram Charan, Singh Kushvaha, Sh. Veer Singh Rajput, Sh. Pradeep Kumar Patel and Sh. Atma Ram, were selected through a survey of Kisan Shorta Evam Anusandhan Unit, Directorate of All India Radio, New Delhi.

## **HUMAN RESOURCE DEVELOPMENT**

Sh. S. B. Sharma, AF&AO attended Course on “Improving Administrative Efficiency and Financial Management” during 16<sup>th</sup> to 23<sup>rd</sup> July, 2008 held at NAARM, Hyderabad (A. P.).

Dr. P. Ratha Krishnan, Scientist (Forestry ) attended the training course on ‘ Recombinant DNA Technique’ from 16<sup>th</sup> August to 05<sup>th</sup> September, 2008 at IARI, New Delhi organized by the ICAR at Centre of Advanced Studies in Biochemistry, Division of Biochemistry, IARI New Delhi.

## **VANMAHOTSAV AND BER BUDDING PROGRAMMES**

On the eve of ICAR Foundation Day on 16<sup>th</sup> July, 2008 Centre organized Vanmahotsav at the Centre on 16<sup>th</sup> July, 2008. Centre also organized Vanmahotsav and Ber Budding programmes jointly with Development Alternatives (Taragram) at Village Hastinapur District Jhansi on 17<sup>th</sup> July, 2008. The event got wide coverage in press media.

## **INSTITUTE JOINT STAFF COUNCIL**

Institute Joint Staff Council (IJSC) meeting was held on 27<sup>th</sup> August, 2008 under the Chairmanship of Dr. S. K. Dhyani, Director of the Centre.

## **RETIREMENT**

Sh. D.K. Awasthi, AAO of the Centre retired on 31<sup>st</sup> August, 2008. The staff members bid a grand farewell to the officer.

## **ENGINEER DAY OBSERVED**

Centre observed Engineer’s Day (Shi Vishkarma Jayanti) on 17<sup>th</sup> September, 2008.

## **VISIT ABROAD**

Dr. O P Chaturvedi, Pr. Scientist of the Centre nominated under the Work Plan for 2007-08 between ICAR & ARC Egypt to Agricultural Research Centre, Egypt from 16<sup>th</sup> to 29<sup>th</sup> August, 2008. The main purpose of this visit was to suggest Work Plan on possible collaborations in the field of “Greening Deserts” through forestry and agroforestry research between India and Egypt.

### **PARTHENIUM AWARENESS DAY OBSERVED**

Centre observed Parthenium Awareness Day on 10<sup>th</sup> September, 2008. On this occasion lectures on demerits of Parthenium were delivered by the Chairman Dr. S. K. Dhyani, Director of the Centre and scientists.

### **DIRECTOR’S VISITS AS PROJECT COORDINATOR, AICRPAF**

- AICRPAF Centre at CSK Himachal Pradesh Krishi Vishwavidyalaya (HPKV), Palampur from 28<sup>th</sup> to 30<sup>th</sup> September, 2008.

### **NEW AAO**

Sh. S. P. S. Negi, AAO joined the Centre from NEH, Meghalaya.

### **PRIME MINISTER RELIEF FUND**

The Staff of the Centre generously donated their one day salary in the Prime Minister Relief Fund for victim of flood in Bihar. A sum of Rs. 42,000/- was collected and sent to the P M office.

### **NEW EXECUTIVE OF THE INDIAN SOCIETY OF AGROFORESTRY, JHANSI**

The following office bearers are declared elected for 2008-10 terms.

|                  |   |   |                           |
|------------------|---|---|---------------------------|
| President        | : | Dr. S.K. Dhyani   | - Director, NRCAF, Jhansi |
| Vice President   | : | 1. Dr V.K. Gupta<br>2. Dr. M.S. Hooda<br>3. Dr. L.N. Harsh  |                           |
| Secretary        | : | Dr. A.K. Handa  |                           |
| Joint Secretary  | : | 1. Dr. P. Rathakrishnan<br>2. Dr. Ramesh Singh  |                           |
| Treasure         | : | Dr. Ajit  |                           |
| Business Manager | : | Dr. A Venkatesh   |                           |
| Members          | : | 1. Dr. C.K. Bajpai<br>2. Dr. M.N. Naugraiya<br>3. Dr. Rajesh Uppal<br>4. Dr. R.K. Jha<br>5. Dr. D.R. Palsania |                           |

### **VISITOR**

- Sh. Manoj Kumar Singh, Commissioner Rural Development, Jhansi.
- Sh. Dev Raj, District Magistrate, Lalitpur.

- Sh. Jitendra Singh, CDO, Lalitpur.
- Sh. S. K. Sharma, Chief Conservator of Forest, Jhansi.
- Sh. Mahendra Singh, Conservator of Forest, Jhansi.
- Dr. S. S. Singh, Prof (Plant Breeding), IARI, New Delhi.
- Dr. A. R. Sharma, Pr. Scientist (Agronomy), IARI, New Delhi.
- Dr. P. S. Pathak, Ex. ADG (Agroforestry), ICAR, New Delhi.
- Dr. S. P. Tewari, OIC, Regional Research Station, CSWCR&TI, Datia (M.P.).
- Dr. K.S. Dadhwal, Head (Soil Science), CSWCR&TI, Dehradun (Uttarakhand).

## **Online Bibliographic Database On *Euphorbia* Spp. In Indian Perspective: An Analytical Study**

*Euphorbia* is one of the largest flowering plant genera, with 2,420 species, many of which are important to mankind as ornamentals, sources of drugs or as weeds. The genus takes its common name from a group of annual herbs used as purgatives, or spurges, mainly the one metre (three feet) tall European *E. lathyris*, seeds of which were once used for their laxative effect. The diverse, worldwide genus includes many species in arid parts of India that resemble cactus plants. Unlike cacti, euphorbias have a milky sap. Euphorbia plants vary from flat, creeping herbs such as the weedy North American prostrate spurge (*E. supine*), which grows out of sidewalk cracks to shrubs and trees. A large shrub, *Euphorbia tirucalli*, is used as a hedge in Brazil. The ability of these plants to grow well in dry regions and on land that are not suitable for growing food, and the fact that the oil yield from an acre could be comparable to or better than many other biodiesel candidate species (an estimate of oil yield for milk bush/pencil bush is between 10 and 50 barrels of oil per acre, i.e. between 25 and 125 barrels per hectare). Euphorbia spp. are also used for polishes, candles, lubricants and paper waterproofing.

Substantial amount of research has been carried out in India from early 70's on *Euphorbia* spp. However, this research work is scattered and available in the form of reports, bulletins, newsletter, articles etc. An attempt has been made at NRCAF, Jhansi in this direction to compile all the published research information on Euphorbia spp. at one platform in the form of a database, so that it is easily accessible to researchers, planners, policy makers etc. This bibliographic research database has been hosted at the server of Indian Agricultural Statistics Research Institute (IASRI), New Delhi and these dynamic web pages are fully functional and one can visit at URL <http://mirror.inaris.gen.in/net>. to view, browse and download information on the subject.

### **Synthesis of published information on Euphorbia in India (1975-2007):**

- **Year wise:** The database covers 149 Indian Euphorbia research records in all from 1975 to 2007, with maximum records published in 2005(18) followed by 1992 and 2004(11) records.
- **Species wise:** During the reported period i.e. 1975-2007, research records could be traced on 32 species of Euphorbia.
- **Journal wise:** The database includes 95 Journals. Maximum papers have been published in Indian Forester (7) followed by Indian Journal of Forestry (5) and Indian Phytopathology (5).
- **Author wise:** The database conceals 327 Indian authors who have researched on Euphorbia.
- **Institute wise:** The database consists of 105 Indian Institutes/ Universities/ Organizations researching on Euphorbia with maximum records from Tamil Nadu Agricultural University, Coimbatore (8), followed by National Botanical Research

Institute, Lucknow (5).

- **Subject category wise:** One of the important finding of the work is that maximum research has been reported on medicinal value consisting of 22 records followed by pesticidal properties consisting of 19 records and ecological studies (18).
- **State wise:** Maximum research has been reported from the state of Uttar Pradesh (20), followed by Tamil Nadu and Rajasthan (19 each) and Karnataka (18).

**Ajit, Nighat Jabeen, A.K.Handa, Rajeev Tiwari and Uma**  
**National Research Centre for Agroforestry**  
**Jhansi-284003 (UP),**

## INSTITUTE RESEARCH COUNCIL

Institute Research Council (IRC) meeting was held on 3<sup>rd</sup> to 5<sup>th</sup> July, 2008. All the Scientists of the Centre participated in the meeting and presented the progress and significant findings of their projects. New projects were approved by the IRC. Following projects were approved in principle by the house after thorough discussions:

**AF 01.24: Studies on Arbuscular Mycorrhizal Fungi of Important MPT's**

**Project Leader: Dr. Anil Kumar;** Associates: Dr. R. Prasad and Dr. P. Ratha Krishnan

**AF 01.25: Development of Soil Quality Index for Assessing Soil Health of Different Agroforestry Systems**

**Project Leader: Dr. R. Prasad;** Associates: Dr. Ram Newaj, Dr. R. S. Yadav, Dr. Ramesh Singh, Sh. Munna Ram

**AF 05.9: Evaluation of Ber Budding Programme in Bundelkhand Region of Central India.**

**Project Leader: Dr. R. P. Dwivedi;** Associates: Dr. R.K. Tewari

### Collaborative Projects:

- **Lac Based Agroforestry in Bundelkhand Region: Introduction and Evaluation.**  
**Project Leader: Dr. A. Venkatesh;** Associates: Dr. O.P. Chaturvedi, Mr. Rajendra Singh, Mr. Ghosal, Md. Monobrullah, Mr. N.R. Singh
- **Studies on Mitigation Potential of Different Agroforestry Systems on Climate Change**  
**Project Leader: Dr. Ram Newaj;** Associates: Dr. Badre Alam , Dr. A.K. Handa, Dr. Ajit, Dr. R. Prasad, Dr. Ramesh
- **Demonstration of Agroforestry Technologies for Enhancing the Livelihood Opportunities in Different Agro-climatic Zones of Tamil Nadu'**  
**Project Leader: Dr. O.P. Chaturvedi;** Associates: Dr. A. K. Handa, Dr. A. Venkatesh

### SEMINARS DELIVERED

| S. No. | Seminar Topics  | Name of the Speaker                  | Date       |
|--------|---|--------------------------------------|------------|
| 1      | Visit and Experiences of Agriculture Researches at Egypt. | Dr. O P Chaturvedi,<br>Pr. Scientist | 11.09.2008 |

**Dr. N. K. Tyagi, Hon'ble Member, ASRB, New Delhi**

Hon'ble Member, Agricultural Scientists Recruitment Board, New Delhi from 12<sup>th</sup> to 14<sup>th</sup> September, 2008 visited NRCAF to get up to date with the research work being conducted by the Centre. Dr. Tyagi visited the research farm on 13<sup>th</sup> September and watershed management programme at Garh Kunder-Dawar, Distt. Tikamgarh (M.P.) on 14<sup>th</sup> September. He showed keen interest in the low cost water harvesting structures like gabian structure, check dam etc. He congratulated Dr. S.K. Dhyani, Director of the Centre for bringing overall development of the most disadvantaged area of Bundelkhand through this programme and capacity building through SHGs.