



SOYBEAN NEWS

सोयाबीन समाचार

भा.कृ.अनु.प.— भारतीय सोयाबीन अनुसंधान संस्थान

I.C.A.R. - INDIAN INSTITUTE OF SOYBEAN RESEARCH

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निदेशक की कलम से ...

प्रिय पाठकगण,

यह अत्यंत हर्ष और सम्मान की बात है कि भारतीय कृषि अनुसंधान परिषद् ने दिनांक 15 जनवरी 2016 को भा.कृ.अनु.प.—सोयाबीन अनुसंधान निदेशालय का स्तर बढ़ाकर इसे भा.कृ.अनु.प.—भारतीय सोयाबीन अनुसंधान संस्थान कर दिया गया है। भारतीय कृषि अनुसंधान परिषद् के गर्वनिंग बोर्ड द्वारा इस निदेशालय को संस्था का दर्जा दिया जाना इस बात को दर्शाता है कि सोयाबीन का भारत में खाद्य तेल में और इस संस्था द्वारा किये जा रहे अनुसंधान कार्य का कितना महत्व है।

विश्व खाद्य तेल की अर्थव्यवस्था के रूप में भारत का पाँचवाँ स्थान है। परन्तु देश में कुल खाद्य तेल की आवश्यकता की पूर्ति हेतु 50% से अधिक हमें खाद्य तेल का आयात करना पड़ता है। इस परिदृश्य में, सोयाबीन देश में खाद्य तेल की आवश्यकताओं को पूरा करने में लगातार बहुत महत्वपूर्ण भूमिका निभा रहा है। सोयाबीन वर्तमान समय में देश की कुल तिलहन एवं खाद्य तेल के उत्पादन में क्रमशः 47% एवं 26% का योगदान दे रही है। सोयाबीन में स्वास्थ्यवर्धक अच्छी गुणवत्ता वाले प्रोटीन, खनिज तथा आइसोफलेवोन जैसे न्यूट्रास्यूटिकल्स मौजूद हैं। अतः यह फसल भारतवासियों के लिए पोषण संबंधित सुरक्षा प्रदान करने में अत्यधिक समर्थवान है।

2016-17 में सोयाबीन को 11.4 मिलियन हैक्टर में लगाया गया था जिससे इसका उत्पादन 13.79 मिलियन टन एवं उत्पादक 1210 कि.ग्रा./है. प्राप्त हुई है यद्यपि भारत में सोयाबीन की उत्पादकता विश्वस्तरीय औसत तथा देश की जलवायु क्षमता अनुरूप प्राप्त औसत उत्पादन की तुलना में बहुत ही कम है। सोयाबीन किस्मों के विकास पर शोध-कार्य इस संस्थान की प्राथमिकता है और इस संदर्भ में महत्वपूर्ण प्रगति भी की गई है। इसके अतिरिक्त सोयाबीन फसल की किस्मों को जलवायु

Director's Desk

Dear Readers,

It is a matter of great pride and privilege that Indian Council of Agricultural Research (ICAR) has upgraded the status of ICAR-Directorate of Soybean Research (ICAR-DSR) to Indian Institute of Soybean Research (ICAR-IISR) on 15th Jan, 2016. Upgradation of this Directorate into a full-fledged Institute by the governing body of the ICAR strongly emphasizes the significance of soybean research in the country.

India has the fifth largest vegetable oil economy in the world. However, the country is meeting its edible oil demand by importing more than 50% of its requirement. In this scenario, soybean will continue to play crucial role in meeting the edible oil requirement of the country. Currently, soybean contributes to 47% of the total oilseeds and about 26% of the total edible oil produced in the country. Soybean is packed with good quality protein, minerals and nutraceuticals like isoflavones which have immense health benefits. Therefore, the crop has a greater potential to provide nutritional security to the Indian masses.

During 2016-17, soybean was planted on 11.4 mha with production of 13.79 million tons and productivity of 1210 kg/ha. Current productivity levels of soybean are much below the world average and the climatic potential of the crop. Development of soybean varieties suitable for central and south India has been a research priority of this institute and significant progress has been made in this



अनुकूलता, सूखा, उच्च तापमान तथा जल भराव जैसी स्थितियों का सामना करने हेतु तकनीकी विकास भी इस संस्थान की प्राथमिकता है

मुझे भा.कृ.अनु.प. भारतीय सोयाबीन अनुसंधान संस्थान, इन्दौर के "सोयाबीन समाचार" के वर्तमान अंक को प्रस्तुत करते हुए अत्यंत हर्ष की अनुभूति हो रही है। यह अंक जनवरी-दिसम्बर 2016 की अवधि के दौरान की समस्त घटनाओं तथा संस्थान में आयोजित गतिविधियों के साथ ही संस्थान के अनुसंधान कार्यों की उपलब्धियों की झलक प्रस्तुत करेगा।

regard. Furthermore, climate-resilient soybean crop varieties to withstand drought, high temperature and water-logging conditions constitute major research priorities of the institute.

I am glad to present the current issue of "Soybean News" from ICAR-Indian Institute of Soybean Research (ICAR-IISR), Indore. It will provide glimpses of news and events, salient research achievements for the period January-December 2016.

Salient Research Achievements

- A total of eighty-six germplasm accessions were identified for delayed senescence trait
- DNA barcoding of 102 Indian soybean varieties has been constructed using 10 highly polymorphic markers
- Binary plasmids harbouring Mungbean Yellow Mosaic India Virus (MYMIV) genome has been developed and the utility of plasmids has been demonstrated by performing *Agrobacterium* mediated MYMIV infection in soybean
- Hairpin RNA mediated suppression of MYMIV derived replication associated protein gene was proven in transient assays
- Genes conferring YMV resistance present in *Glycine max* PI 171443 and *Glycine soja* have been mapped with the joint efforts of IISR, Indore, PAU, Ludhiana and GBPU&T, Pantnagar. YMV resistance genes from PI 171443 and *Glycine soja* have been pyramided in single line using Marker Assisted Selection
- Survey of 90 soybean germplasm accessions using dCAPS marker for recessive allele of E2, which confers earliness, resulted in identification of an early duration genotype IC 15089
- Transcriptome sequencing of rust resistant line EC 241780 and susceptible cultivar JS 335 and their comparative analysis identified genic SNPs for use in genetic mapping
- High yielding lipoxygenase-2 free line NRC 132 has been developed by transferring null allele of lipoxygenase-2 from PI596540 to JS 95-52. Further, lipoxygenase 3 free lines using JS 335 and PI 205085 (*lx3/lx3*) have been developed
- Modified Soy Protein Isolate (SPI) has been developed by mixing SPI and sodium alginate in various weight ratios. Conjugated SPI showed improved functional properties viz. Solubility and emulsion properties over unmodified SPI
- *Soya dhal* (NRC 7) with original cooking time of 75 min. has been reduced to 10 minutes by treating it with 2% NaCl and 0.1% NaHCO₃ under open pan conditions. Similarly, cooking time of dhal has



been reduced when treated with 0.02% hemicellulase

- Polymer coating of seeds (JS 95-60, JS 93-05) with micronutrients such as molybdenum (0.5 g/kg and 1.0 g/kg), boron (100 mg/kg and 200 mg/kg), salicylic Acid (50, 75 and 100 ppm) improved seed viability, germination, field emergence, plant stand and seedling vigour
- High trehalose-producing soybean rhizobial species such as *B. liaoningense* from EC 538828, PK 472 and *B. daqingense* from PK 472 were isolated for enhanced drought tolerance in soybean. Among this *B. daqingense* and a non-rhizobial isolate *Paenibacillus mucilaginosus* (EC 538805) has been reported from Indian rhizosphere for the first time.
- Assessment of C-sequestration in AMF based soil and crop management practices revealed AMF inoculation increased C-stocks by approx 2 Mg in an year furthermore, C-stocks in AMF inoculated soybean + maize intercropping system were found to be the highest (14.64 Mg C ha⁻¹ yr⁻¹). Similarly, contribution of glomalin to soil organic carbon was found to

have increased from 15 % to 18 % in AMF inoculated soybean + maize intercropping system over a period of two years.

- Delayed wilting trait was used for selection of soybean genotypes for drought tolerance. Using this approach 6 germplasm lines (PI 159923, TGX 709-50E, EC 291448, EC 107407, MACS 345 and J732) have been identified
- Foliar spray of 100 ppm salicylic acid at vegetative and pod filling stage showed better plant stand and yield in adverse climatic condition
- A web-based Farmer Advisory System has been developed to send soybean crop husbandry related advisories directly to farmers' mobile phones. The system also has provision for the smart phone enabled farmers to send their crop related problems (including pictures) to IISR so that suitable and timely crop management related advisory could be suggested. The software is in Hindi language that is easily understood by farmer community





A web-based Farmer Advisory System

Select Language ▼

भारत सरकार
ICAR

सो.अनु.मि. हमारे बारे में संपर्क करें किसान सलाहकार

किसान सलाहकार





फार्मर एडवाइजरी (किसान सलाहकार) वेबसाइट किसान भाइयों के तकनीकी सहयोग के लिए बनाई गई है। यह वेबसाइट किसानों की आवश्यकता के अनुसार सही और समायोजित तकनीकी सलाह तथा परामर्श एसएमएस द्वारा देगी। सहयोग पाने के लिए किसान भाई अपने प्रश्नों को फसल(पौधों) की फोटो के साथ अपलोड कर सकते हैं। अपलोड किये हुए प्रश्नों का हल किसानों को निदेशालय के विशेषज्ञों द्वारा दिया जायेगा। इस सुविधा का लाभ उठाने के लिए किसानों को सिर्फ अपना मोबाइल नंबर वेबसाइट पर रजिस्टर करना होगा। [किसान सलाह के लिए यहाँ बटन दबाएं](#)



News and Events:

- ICAR –Directorate of Soybean Research (ICAR-DSR) has been upgraded to the status of ICAR-Indian Institute of Soybean Research (ICAR-IISR) on 15th Jan, 2016.
- Workshop on **“Selection of resistant variety of soybean against yellow mosaic and other biotic and abiotic stresses”** sponsored by Department of Agriculture and Cooperation, Ministry of Agriculture held at ICAR-IISR, Indore on 15th February, 2016. In the opening remarks Dr. Anupam Barik (Additional Commissioner, oilseeds, DAC) gave a brief background of convening the meeting and he hoped that useful recommendations would emerge from the workshop that could be implemented by states, other agencies and farmers for effective management of YMV disease. National consultant (Oil seeds), Dr. M. Dutta called for a comprehensive strategy to minimize the damage caused by YMV disease. Dr. V.S Bhatia, Director IISR Indore, presented detail report on varietal status of soybean and informed 10-20 % of the yield loss was



Workshop on “Selection of resistant variety of soybean against biotic and abiotic stresses”

attributed to YMV disease while loss caused by abiotic stresses was predominant during Kharif season 2015. He advocated a strategy of using crop cafeteria including YMY resistant varieties, alternative crop rotation, intercropping, improved planting methods like Broad Bed Furrow (BBF) and Ridge Furrow (RF) to overcome YMV disease. In the concluding remarks, the chairman, suggested that list of soybean varieties resistant to YMV may be shared with all the stake holders and advisory for the Kharif 2016 season may be prepared and circulated to the states and seed production agencies.



XLVI Annual Group meeting of All India Co-ordinated Research Project on Soybean (AICRPS) held at University of Agricultural Sciences, Dharwad

- 46th Annual Group meeting of All India Coordinated Research Project on Soybean was organized jointly by ICAR-Indian Institute of Soybean Research, Indore and University of Agricultural Sciences, Dharwad during 5-7 April 2016. The AGM was inaugurated by Prof. D.P. Biradar, H'ble Vice Chancellor, UAS, Dharwad, with Dr. B.B. Singh, Asstt. Director General (O&P), ICAR, New Delhi. Prof. Biradar in his inaugural speech called upon soybean scientists to address the emerging problems in soybean cultivation, particularly the issues related climate change. He assured to share the facilities available with the University. Dr. B.B. Singh stressed upon more commitment of soybean scientists in executing research work and proper documentation. During the AGM, research results of Plant Breeding, Agronomy, Entomology, Plant Pathology and Microbiology were presented by respective Principal Investigators and technical programmes for *kharif* 2016 were formulated. Major outcome of the AGM was as follows:
- Based on yield, maturity period, resistance against major insects and diseases, six soybean varieties were identified for different zones: MACS 1407 and RKS 113 for North Eastern zone, DSb 23-2 and KDS 726 for Southern zone, RVS 2002-4 for Central zone and SL 955 for North Plain zone.
- New initiative has been taken up to develop YMV

resistant soybean varieties for Central and Southern zones.

- A tentative target of 16645 q of breeder seed production of 31 soybean varieties was set for kharif 2016.
- Potential donors for resistance against major insects and diseases were identified and recommended for use in hybridization programme.
- Sowing time under delayed sowing conditions in Assam was recommended as August first week.
- Strategy for faster advancement of generations was framed to shorten varietal development time.
- Collection and protection of native soybean from North Hill region should be taken up

19th Research Advisory Committee Meeting held at ICAR-IISR, Indore

- 19th Research Advisory committee (RAC) meeting was organized at ICAR-IISR, Indore on 7th May, 2016. The meeting was chaired by Dr. V.S. Tomar, H'ble Vice Chancellor, JNKVV, Jabalpur and attended by Dr. BB Singh (ADG) (Oil seeds and Pulses). Members of the committee viz., Dr. M. A. Shankar, Rtd., Director of Research, UAS, Bengaluru, Dr. S. Pandey, Rtd. Principal Scientist ICAR, Dr. O.P. Singh, Dhanuka Pesticides, and scientists of the institute were also present. RAC emphasized that inter-institutional projects are the need of the hour to meet the research demands. Research has to be oriented towards development of organic soybean production system in order to reduce the use of pesticides. RAC chairman suggested scientists to work in PPP mode so that interactions between academia and industry improves to find swift solutions. It was also suggested that novel Indigenous Technical Knowledge (ITKs) in the



soybean production system has to be documented. Further, RAC also suggested Technical auditing in order to introspect the functioning of the institute.

- New Research Advisory Committee was formed with following members (w. e. f. 14.12.2016 to 18.12.2019)

Dr. S. P. Tiwari, (Chairman), Dr. D.M. Hegde, Dr. S.K. Rao, Dr. D.C. Upreti, Dr. V. Dinesh Kumar, Dr. A.K. Sharma, Dr. V.S. Bhatia, Dr. B.B. Singh, Dr. Raghuraj Kishore Tiwari, Dr. Bharat Singh, Dr. S.D. Billore (Member Secretary)

30th Institute Research Council (IRC) meeting:

- The 30th Annual Institute Research Council (IRC) meeting was held on June 1-2, 2016. The meeting was chaired by the Director, Dr. V.S. Bhatia. At the outset, Dr. S. D. Billore, Secretary, IRC welcomed the Chairman and all the members of IRC. Dr. V.S. Bhatia, Chairman IRC and Director in his opening address, expressed his views over the planning and execution of research programmes and emphasized that all the suggestions made by the RAC, QRT and other higher authorities of ICAR should be included in the formulation of the research programmes. Chairman, IRC further emphasized that the research project should be problem oriented and focused. He also suggested that scientists should first identify the problems responsible for low productivity of soybean and prepare the new project proposals in order to address the constraints therein. He also emphasized on the demonstrations on farmers fields related to the well developed technologies regarding biotic and abiotic stresses and role of microbes in alleviating the stresses.



Research Advisory Committee meeting



Institute Management Committee (IMC) meeting



Institute Management Committee (IMC) – Lab visit



Yoga Week:

The Institute celebrated 2nd International Yoga Day on 21st June 2016 in addition to other programmes like film show on Common Yoga Protocol and an Yoga Workshop in which Mrs. Sandhya Chinchalkar, a well known Yoga Practitioner and trainer delivered information on Yoga Techniques for daily life and health benefits through yoga

Visit of Dignitaries

- Dr. Anupam Barik, Additional Commissioner (oilseeds), Department of Agriculture, Cooperation and Farmers Welfare visited the institute on 15th Feb, 2016
- Dr. M. Dutta, Consultant, National Mission on Oilseeds and Oil Palm (NMOOP), Department of Agriculture, Cooperation and Farmers Welfare, visited the institute on 15th Feb, 2016
- Dr. V.S. Tomar, H'ble Vice Chancellor, Jawaharlal Nehru Krishi Vishwavidhyalaya (JNKVV), Jabalpur on 7th May, 2016
- Dr. B.B. Singh, Assistant Director General (Oilseeds and Pulses), visited the Institute on 7th May, 2016
- Dr. M.A. Shankar. Retd. Director of Research, University of Agriculture Sciences, Bangalore, visited the Institute on 7th May, 2016
- Dr. J.S.Chouhan, Assitt. Director General (Seeds), Indian Council of Agricultural Research, New Delhi, visited the Institute on 19th December, 2016

Transfer of Technology:

Review-cum-Planning Workshop on Soybean:

In association with Agricultural Technology Application Research Institutes (ATARI), Jabalpur, two day Review-cum-Planning Workshop on Soybean was organized for KVK staff during 26-28 April, 2016. A total of 28 scientists belonging to different KVKs located in Madhya Pradesh and Chhattisgarh participated in this workshop



Inauguration of Review-cum-Planning Workshop on Soybean

Mera Gaon Mera Gaurav (MGMG) :

Under this scheme, a total of five multi-disciplinary teams of scientists are maintaining close contact with farmers of nearly 25 villages around Indore. The MGMG team members are engaged in disseminating timely information to farmers of these villages especially on production technologies of major crops including soybean, wheat, potato, chickpea etc grown in the area. In addition they are also creating awareness among the villagers about different schemes like cleanliness drive, Prime Minister's Crop Insurance Scheme, Ujjwala Yojana etc.

Improved soybean production, processing and utilization training programmes:

During 2016, the Institute has organized 40 one day training programmes on 'Improved Soybean Production Technology' with the active participation of 1574 farmers and farm women. Similarly, 17 one day training programmes were organized on "Processing and Utilization of Soybean for Food Uses" with total participation of 410 women belonging to Madhya Pradesh and Rajasthan



MGMG Field Visit



Interaction With Farmers

Krishi Mela:

The institute had participated in the National Level *Krishi Unnati Mela* organized by Confederation of Indian Industry at ICAR-Indian Agricultural Research Institute, New Delhi during 19-21 March 2016.

Trainers' Training Programmes:

The institute organized MANAGE-IISR Collaborative Training Programme on "Agricultural Knowledge Management" during 19-23 September 2016, involving 19 field level officers of Madhya Pradesh and Chhatisgarh.

Organization of Soybean Diwas:

The institute has successfully organized Soybean Diwas on 28th September 2016 involving progressive farmers associated with *Mera Gaon Mera Gaurav* and Mega Seed Project through which they were exposed to novel technologies related to seed production as well as improved packages for management of weed, insect-pest and diseases under demonstrations at IISR farm.



Organization of Soybean Diwas

Swach Bharath Abhiyan

Swach Bharath Abhiyan was initiated on 2nd Oct, 2014 and since then sanitation drive was organized were held once every month with the active participation of staff members of the Institute. A fortnight long cleanliness campaign was organized as "Swachchata pakhwada" from 16-30 May 2016. The campaign also witnessed cleanliness drive in Institute's premises. Besides various competitions such as essay-writing, poster and oral presentation were held to drive home the importance of sanitation.



Cleaning during *Swach Bharath Abhiyan*

Technology commercialized

A non-exclusive license of Lipoxxygenase-2 free soybean genotype (NRC 109) developed at the institute was transferred to M/s. Sonic Biochem Extraction Limited, Indore (M.P.) An MoU between ICAR-IISR and Sonic Biochem Extraction Limited, Indore (M.P) was signed on 06/12/2016. Soya products processed from this genotype have reduced beany/off flavor.

Personalia

Joining of Scientists at IISR, Indore

Dr. Lokesh Kumar Meena joined as Scientist

(Entomology)

Mr. Hemant Singh Maheswari joined as Scientist

(Microbiology)

Dr. Shivani Nagar joined as Scientist (Physiology)

Dr. Rakesh Kumar Verma joined as Scientist

(Agronomy)

Promotions:

ICAR-IISR family heartily congratulates the following:
Dr. Savita Kolhe, Senior Scientist to Principal Scientist

(Computer Application),

Dr. A. Ramesh, Senior Scientist to Principal Scientist

(Soil Science),

Dr. Milind Ratnaparkhe, Senior Scientist

(Biotechnology) from PB-3 to PB-4,
Dr. Purushottam Sharma, Senior Scientist

(Economics) from PB-3 to PB-4 ,
Dr. Giriraj Kumawat, Scientist (Biotechnology) to

Scientist (Senior Scale) ,

Dr. Anes, K.M. Scientist (Nematology) to Scientist

(Senior Scale),

Dr. V.P.S.Bundela Assistant Chief Technical Officer to

Chief Technical Officer / Farm Manager,

Dr. Yogendre Mohan Assistant Chief Technical Officer

to Chief Technical Officer

Mr. Syam Kishore Verma, Technical Officer to Senior

Technical Officer

Mr. Francis Yunis , Technical Assistant to Senior

Technical Assistant,

Mr. R.C. Shakya, Technical Assistant to Senior

Technical Assistant

Mr. Gore Lal Chouhan, Technical Assistant to Senior

Technical Assistant

Transfer:

Dr. S.V.Ramesh, Scientist (Biotechnology) was

transferred to ICAR-CPCRI, Kasargod

Higher Education:

Dr. D.N.Bharaskar received Ph.D. (Photography) from

Rastra Sant Tukdoji Maharaj Nagpur University,

Nagpur (MS) with Thesis title “Pictorial Photography

in India: A Critical Study”

Superannuation:

Shri Charan Singh retired from the post of Assistant

Chief Technical Officer on 31st January, 2016

Dr. S.M. Husain retired from the post of Principal

Scientist (Genetics and Plant Breeding) on 30th June,

2016.

Obituary

Shri R.N. Kadam, Junior Clerk on 25th May 2016.



संस्थान में जनवरी- दिसम्बर 2016 के दौरान राजभाषा-कार्यान्वयन संबंधी विभिन्न गतिविधियाँ

राजभाषा विभाग, गृह मंत्रालय, भारत सरकार के दिशा-निर्देश के अनुसार भा.कृ.अनु.परि - भारतीय सोयाबीन अनुसंधान संस्थान, इंदौर में भी इस दिशा में राजभाषा के प्रसार-प्रचार हेतु अनेकानेक कार्यक्रम किए जा रहे हैं। जिनके फलस्वरूप भारतीय सोयाबीन अनुसंधान संस्थान में राजभाषा कार्यान्वयन के क्षेत्र में उत्तरोत्तर प्रगति के साथ अनेक आधारभूत कार्य हुए हैं, जो राजभाषा के प्रगामी प्रयोग में अत्यंत सार्थक सिद्ध हो रहे हैं। इस क्षेत्र में किए जा रहे क्रियाकलापों का संक्षिप्त विवरण निम्नवत् हैं :

क) हिन्दी कार्यशालाएं : इसी दिशा में संस्थान में हिन्दीमय वातावरण निर्मित करने हेतु प्रत्येक तिमाही में कम से कम एक हिन्दी कार्यशाला का आयोजन किया जा रहा है। जिसमें संस्थान के सभी सवर्गों को आमंत्रित किया जाता है तथा संबंधित विषयानुसार कार्यशालाएं सम्पन्न की जाती हैं। जनवरी-दिसम्बर 2016 में अब तक 04 कार्यशालाओं का आयोजन किया गया, जिसकी सूची निम्नवत् है :

क्र.	दिनांक	विषय	अतिथिवक्ता
1	18 मार्च 2016	कार्यालय में धारा (3) 3 के प्रयोग की अनिवार्यता	श्री हरेराम वाजपेयी, प्रबंध सम्पादक, वीणा, श्री मध्यसमिति भारत हिन्दी साहित्य, इन्दौर
2	30 मई 2016	कार्यालय में राजभाषा के प्रयोग की सुगमता	डॉ. अमरनाथ शर्मा प्रधान वैज्ञानिक एवं प्रभारी अधिकारी - राजभाषा, भा.कृ.अनु.परि- भारतीय सोयाबीन अनुसंधान संस्थान, इन्दौर।
3	03 सितम्बर 2016	हिन्दी वर्तनी एवं उसका उचित प्रयोग	श्रीमती डॉ. मीनाक्षी जोशी, अध्यक्ष - भाषा अध्ययनशाला, महारानी लक्ष्मीबाई शासकीय कन्या स्नातकोत्तर महाविद्यालय, इन्दौर
4	05 दिसम्बर 2016	राजभाषा नीति एवं कार्यान्वयन	श्री जयनाथ यादव हिन्दी अधिकारी भारतीय प्रबंध संस्थान इन्दौर

ख) प्रशिक्षण : संस्थान में राजभाषा के प्रचार-प्रसार हेतु कृषको एवं प्रशिक्षणार्थियों को प्रशिक्षण संबंधित सारी सामग्रियाँ हिन्दी में भी प्रदान की जा रही हैं। इस दृष्टिकोण से दिसम्बर 2016 तक 30000 प्रतियाँ प्रसार फोल्डर हेतु एवं 5000 प्रतियाँ प्रसार बुलेटिन हेतु प्रदान की गई।

ग) राजभाषा नीति पर जागरूकता कार्यक्रम : उक्त प्रशिक्षणों के अतिरिक्त संस्थान में कर्मचारियों, अधिकारियों एवं वैज्ञानिकों हेतु राजभाषा नीति के संवैधानिक प्रावधानों से अवगत कराने तथा इसके प्रति जागरूक करने हेतु समय-समय पर राजभाषा नीति विषय पर विचारों का आदान-प्रदान किया जा रहा है।



घ) अनुवाद द्विभाषी प्रपत्र : संस्थान में कार्यालयीन कार्य में प्रयुक्त होने वाले विभिन्न पत्रों, प्रपत्रों आदि का अनुवाद कार्य भी प्रगति पर है, जिससे दैनिकी के साथ ही प्रायः प्रयुक्त होने वाले सभी पत्रों, प्रपत्रों के द्विभाषी मुद्रित रूप को प्रभावी किया जा सके । यह कार्य राजभाषा क्रियान्वयन की दिशा में स्थाई एवं आधारभूत उपलब्धि है ।

ङ) मौलिक लेखन कार्य का प्रादुर्भाव : संस्थान में राजभाषा संबंधी विभिन्न क्रियाकलापों के साथ मौलिक लेखन कार्य को द्रुतगामी आयाम प्रदान करने में अधिकारियों एवं कर्मचारियों की रुचि अद्वितीय है ।

च) शब्दकोश में वृद्धि : संस्थान में प्रतिदिन एक शब्द हिन्दी एवं अंग्रेजी को द्विभाषी रूप में "आज का शब्द" के रूप में प्रदर्शित किया जा रहा है, ताकि कर्मचारियों, अधिकारियों एवं वैज्ञानिकों के हिन्दी शब्द ज्ञान में वृद्धि करने के साथ ही साथ हिन्दी के कार्यालयीन उपयोग में भी सहायता प्रदान कर सके ।

छ) राजभाषा कार्यान्वयन समिति की बैठक

प्रथम बैठक	:	दिनांक 15 मार्च 2016
द्वितीय बैठक	:	दिनांक 24 मई 2016
तृतीय बैठक	:	दिनांक 08 जुलाई 2016
चतुर्थ बैठक	:	दिनांक 04 अक्टूबर 2016

ज) संसदीय राजभाषा समिति निरीक्षण : दिनांक 19 मई 2016 को संसदीय राजभाषा समिति की दूसरी उप-समिति द्वारा संस्थान में राजभाषा कार्यान्वयन संबंधी कार्यों का निरीक्षण किया गया । राजभाषा कार्यान्वयन के क्षेत्र में भा.कृ.अनु.परि.- भारतीय सोयाबीन अनुसंधान संस्थान की प्रगति आख्या का एक स्वर्णिम झलक आपके समक्ष प्रस्तुत है । उपरोक्त गतिविधियों पर यदि दृष्टिपात करें तो ज्ञात होता है कि संस्थान में राजभाषा कार्यान्वयन की दिशा में एक सकारात्मक एवं सार्थक कार्य हो रहा है, जो संस्थान में हिन्दी के सुनहरे भविष्य का आभास कराती है ।



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