

Seed Tech News



ISST:
Disseminating Knowledge of
Seed Science & Technology

Volume: 42, No. 2, June 2012



The ISF World Seed Congress will take place in the city of Athens, Greece. Seedsmen from 6 continents and over 80 countries will meet together in May 2013. For more details visit www.worldseed2013.com

Secretary : SK Jain
Editor : Manjunath Prasad CT



MEMORANDUM, RULES & REGULATIONS OF INDIAN SOCIETY OF SEED TECHNOLOGY

The current version of the ISST Memorandum and Rules & Regulations are published for information to members of ISST. The present version includes all amendments adopted by ISST Executive Council until date. The amended 'Section' and 'Clause' is indicated by italicized text and a vertical line to its left on the edges of the column.

MEMORANDUM

- I. Name of the Society:**
Indian Society of Seed Technology
- II. Address of the Society:**
The office of the Society is located at I.A.R.I.,
New Delhi 110012.
The Official address is as under:
Indian Society of Seed Technology
| Division of Seed *Science and* Technology
Indian Agricultural Research Institute
New Delhi 110012
- III. Aims and Objectives:**
 - a) The aims and objectives of the Society shall be to promote scientific, technological and professional work in seeds;
 - b) Maintain and encourage the highest proficiency and professional standard among the members to promote the best interest of the use of good quality seed and the seed industry;
 - c) Encourage research, accumulate information and disseminate knowledge of seed technology;
 - d) Provide facilities for association and conference among seed technologists;
 - e) Work towards the fullest cooperation among all seed technologists including personnel working in seed testing, seed certification, seed law enforcement, seed research, seed production, seed distribution;
 - f) Cooperate with Central and State Governments, agricultural universities, seedsmen associations and all other agencies interested in the furtherance of seed technology and the use of good quality seed.

RULES AND REGULATIONS

1. The Association shall be an organization of persons actively involved in any aspect of Seed Technology.
2. The headquarters of the Society shall be located at New Delhi.
3. **Membership**
The membership of the society shall be open to persons actively involved in any aspect of Seed Technology. There shall be following categories of members:
 - a. Life members - Individuals and Associates
 - b. Ordinary members - Individual members
 - c. Honorary members
 - d. Associate members – Any corporate or institution interested in fulfilling the objectives of the Society may be admitted as Associate member on annual or life basis. Such members shall not have voting rights.
4. **Election of Members**
 - a) A Life or Ordinary member or Associate member shall be admitted to the Society after being proposed by any Life or Ordinary member of the Society to whom he is known. The name of the applicants, with the names of the members proposing them, shall be placed before the Executive Council for approval.
 - b) Every membership application shall be accompanied by the appropriate entrance fee and subscription.
 - c) Honorary members shall be recommended to the Society by the Executive Council and elected at a General Meeting by a two third majority of the members present and voting at the meeting. They shall be persons eminent for their work for the cause of seed technology. There shall be no more than three Honorary members elected annually.
5. **Privileges of Members**
 - a) Life and Ordinary members whose subscription is not in arrears shall have the right to vote at all meetings of the Society, to propose candidate for admission and to receive such publication of the Society as the Council may determine. They shall also have the privilege of introducing visitors whose names together with the name of the introducing member shall be entered in a book kept for the purpose to the ordinary scientific meetings of Society. Voting by proxy shall not be permissible.
 - b) Honorary members shall enjoy all the privileges of Ordinary members without having to pay the subscription, except that they shall not be eligible for any office or to vote at the meeting of the Society.
6. **Admission Fee and Subscription**
 - a) There shall be an admission fee of Rs. 50/-
 - b) The annual subscription of ordinary member shall be Rs. 500/- payable in advance, and shall become due on the 1st January every year, except that an applicant elected during the month of November or December shall not have to pay the subscription for the current year unless he desires to receive the publications of the Society issued to the members in that year.
 - c) The life membership fee shall be equal to twelve annual subscriptions payable either in lump sum or installments within that financial year from the time a member applies for life membership.
 - d) *Ordinary members, who have held their membership of the Society for at least twelve years, and paid their dues, shall be eligible to be a life member by paying 50% of the life membership at that given time.*
 - e) The annual subscription of Associate/ Corporate members shall be Rs. 6000. Life membership subscription for Associate/Corporates Members shall be Rs. 75,000/- which will be payable in advance and shall become due on 1st January every year except that the member elected during the months of November or December shall not have to pay the subscription for the current year unless one desires to receive the publications of the Society issued to the members in that year.
 - f) Members whose subscriptions fall in arrears for more than a year shall be excluded from the privileges of members, until they have paid their dues. A list of all such members, showing the amounts due from them shall be submitted by the Secretary to the President at each Annual Meeting and it shall be read out at the request of any member present at the meeting.
 - g) Towards the end of the Financial Year, the treasurer shall send a reminder to every member, whose subscription is in arrears. If the arrears are not paid within two months of the dispatch of the letter the Council may remove the member's name from the Society's register.
 - h) Any member whose name has been removed from the register of the Society under the preceding

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rule may be re-elected on payment of all arrears.

7. Executive Council

- a) There shall be an Executive Council which shall be responsible to carry on all the affairs of the Society on behalf of the members.
- b) The Executive Council shall consist of:
A President, two Vice-Presidents, a Secretary, a Joint Secretary, a Treasurer and six Councillors elected by the General Body. The six Councillors shall be chosen from different zones of the country such as East, Delhi, North, South, Central and West, from each except Central and West wherefrom two each shall be chosen.

8. Functions of Officers

- a) The President shall call and preside at meetings of the Society and of the Executive Council. The President shall be an ex-officio member of all committees of the Society.
- b) The Vice-Presidents shall assist the President and carry out such of those duties allocated to them. The senior Vice-President will carry out the duties of the President during the latter's inability or absence. The second Vice-President will perform the duties of the President during the absence of both the President and senior Vice-President. The seniority in Vice-Presidentship shall be determined by the date of election or by the number of votes polled in the case of election on the same day.

- c) *There shall be a position of Chief Editor and at least eight Editors, taking care to include at least one member from each of the following disciplines: Seed Testing; Seed Health; Seed Physiology & Storage; Seed Production; Seed Processing and Seed Marketing.*

Chief Editor shall be nominated by the Executive Council from the Headquarters of the Society. He will also serve as a member of the Executive Council. For efficient working of the Editorial Board, the Chief Editor will propose 10 names for Editors to the Executive Council and Executive Council with concurrence of the Chief Editor will nominate 8 Editors. Editors may be from any part of the country. One of the Editors will look after the publication of the work of the Seed Tech News. Secretary of the Society shall serve as ex-officio member in the Editorial

Board. The Editors shall also act as the Referee of the papers in their respective fields of specialization. However, Chief Editor may send papers to other referees as well. The Chief Editor shall be responsible for calling the meetings of the Editorial Board, to discuss the matters pertaining to publication and maintenance of its standard. However, any matter pertaining to policy and cost of printing should be considered and decided by the Executive Council.

- d) The Treasurer shall keep accounts, shall receive deposits and disburse money on behalf of the Society according to the directions of the Council.
- e) The Chief Editor shall be responsible for the editing and publishing of the Journal and all other publications of the Society. He shall serve as Chairman of the Editorial Board and shall send a panel of two names each for Editorships for Seed Tech News and Seed Research to the Executive Council out of which the Council shall elect one each for the two periodicals. The Council shall also appoint an Editorial Board, including seven other members besides Chief Editor and Secretary, taking care to include one member from each of the following disciplines: Seed Testing, Pathology, Physiology, Entomology, Production and Economics, Processing and Genetics & Plant Breeding. The Chief Editor shall be responsible for calling the meeting of the Editorial Board to discuss the matters pertaining publications.

9. Election of Office Bearers

- a) All election to the Offices shall take place at the Annual General Meeting of the Society held every year during March/April, interim vacancies being filled up by the Executive Council. Provision shall be made for holding elections of office attending the Annual General Meeting to exercise their right of choosing office bearers. Only members who were on rolls as on December 31 of the preceding year and who have paid their dues of the said year are eligible for nomination and participation in the election.
- b) The Secretary, Treasurer and Joint Secretary shall be elected from the headquarters of the Society which is located at DSSST, Indian Agricultural Research Institute, New Delhi 110 012. The President and all other office bearers shall be elected for a three years period.

- c) *No member of the Executive Council shall be eligible to contest the election to a post which he has held for two consecutive terms. In such cases, atleast one term gap should be given, except for Chief Editor/Editor.*
- d) Once in every year, on or before the fourteenth day succeeding the day on which the Annual General Meeting of the Society is held a list shall be filed with the Registrar of Joint Stock Companies, of the name, addresses and occupations of the Executive Council.

9A. Financial Powers

All expenditure shall be made only with the prior sanction of the Executive Council inclusive of any increase from the existing rates of printing, stationery or honorarium to staff. Provided, however, the Secretary, Treasurer or Chief Editor shall have powers of spending not more than Rs.500/- each at a time and not more than four times in a year each subject to the ratification by the Council later.

10. Meeting of the Council

- a) Council meetings shall be held periodically at the discretion of the President or at the request of one-third of the members of the Council.
- b) The date and time of holding each meeting of the Council shall be notified by the secretary to each member of the Council at least two weeks before the date on which such meetings are to be held. Non-receipt of such notice by any member of the Council shall be in no way invalidating the proceedings of the meeting. Five members of the Council shall form a quorum.
- c) Extraordinary meetings of the Council shall be called by the President on a requisition signed by three members of the Council or at his own discretion, when he shall direct the Secretary to issue notices for the purpose.

11. Meetings of the Society

- a) General meetings of the Society shall be presided over by President, or, in his absence, the Senior Vice-President, Second Vice-President or by one of the members of the Council present, or by a member elected by the meeting.
- b) An extraordinary meeting of the Society will be called if one-third of the members of the Society send a signed requisition to the Secretary for such a meeting.

12. Annual General Meeting

- a) The approximate date of the Annual General Meeting shall be announced by the Council about two months before the meeting and all notices of motions shall be received by the Secretary at least one month before the meeting. The outgoing President will address the meeting.
- b) All accounts of the Society shall be audited annually by a qualified Chartered Accountant appointed at each Annual General Meeting fixing the remuneration. The treasurer shall submit to the Auditor, by the end of January each year, the accounts of the society for the preceding year. The Audited Accounts and Auditors' report shall be placed before the Annual General Meeting for approval.

13. Society's Journal & Editorial Board

The Society shall publish a Journal and such other Publications as it deems desirable to provide seed technologists and others with current information on good quality seed production. An Editorial Board shall be constituted. The Editorial Board shall be responsible for the Journal and in collaboration with the Editor shall be responsible for such other publications.

14. Withdrawal or Removal of Members

- a) A member may withdraw from the Society by signifying his desire to do so in a letter addressed to the Secretary. The Society, however, shall not be liable to return any fee that may have been paid by the member in advance.
- b) A member who has withdrawn and whose subscription is not in arrears shall automatically recover the privileges of membership without re-election, if he rejoins the Society within a year of withdrawal. He shall be liable to pay all dues as if he had not withdrawn at all.
- c) The Council shall have power to remove any members of the Society from its roll.

15. Property of the Society

- a) The property, movable and immovable, belonging to the society shall be deemed to be vested for the time being in the Executive Council and in all proceedings, civil and criminal, shall be described as the property of the Executive Council of the Society by their property title.
- b) The income and property of the Society from wheresoever derived shall solely be spent in the promotion of its objects as set forth in the

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memorandum and no portion thereof shall be distributed among its members by way of dividend, bonus, etc.

16. Amendment of the Rules

- a) The above rules may be amended at any Annual General Meeting or at an Extraordinary General Meeting of the Society called for the purpose, by a two-third majority of the members present.
- b) A proposal for the amendment of these Rules may be made either by the Council or by any member. In the latter case, it must reach the Secretary in writing in time for circulation to all members of the Society at least one month before the annual or extraordinary meeting.
- c) The Council may, with the sanction of the Society, frame or alter bye-laws for the working of the Society not inconsistent with its rules.

17. Suits by and against the Society

- a) The Society will sue or be sued in the name of the President.
- b) No suit or proceeding in any Civil Court shall abate or discontinue by reason of the person, by or against whom such suit or proceedings shall have been brought or continued, dying or ceasing to fill the character in the name whereof he shall have sued or been sued, but the same suit or proceeding shall by continued in the name of or against the successor of such person.

18. Enforcement of Judgment against Society

If a judgment shall be recovered against the person or officer named on behalf of the Society, such judgment shall not be put in force against the property movable or immovable, or against the body of such person or officer, but against the property of the Society.

19. Dissolution of Society and adjustment of its affairs

- a) If more than three-fifth members of the Society determine that it shall be dissolved, and thereupon it shall be dissolved forthwith, or at the time then agreed upon, and all necessary steps shall be taken for the disposal and settlement of the property of the Society, its claims and liabilities, according to the rules of the said Society applicable thereto, if any, and if not, then as the governing body shall find expedient provided that in the event of any dispute arising among the said governing body or the members of the society, the adjustment of its affairs shall be referred to the principal Court of original civil jurisdiction of the district in which the chief building of the Society is situated, and the court shall make such order in the matter as it shall deem requisite.
- b) If, at any time the Society is dissolved and if there shall remain upon dissolution, after the satisfaction all its debts and liabilities, and property whatsoever, the same shall not be paid or distributed among the members of the Society but shall be given to some other Society to be determined by the votes of not less than three fifths of the members present personally at the time of dissolution.

20. Compulsory Provisions

The necessary provisions of the Registration of Societies Act XXI, 1860 shall be applicable to the Society.

Certified that this is the correct copy of the Rules and Regulations of the Association.

Sd/-
Secretary, ISSST

Editorial Contact Information

Please send us information related to any news, new projects, opinions on policy issues, current happenings, publications, book reviews, foreign visits, new appointments, trainings, seminars, workshops and conferences or other interesting stuff related to seed for the next issue of Seed Tech News.

Suggestions and comments are welcome!

Editor
seedtechnews@gmail.com

NOTIFICATION

Department of Agriculture and Co-operation, Ministry of Agriculture, Govt. of India

New Delhi, the 10 October 2011

S.O. 2326(E) - In exercise of the powers conferred by Section 5 of the Seeds Act, 1966 (54 of 1966), the Central Government, after consultation with the Central Seed Committee, being of the opinion that it is necessary and expedient to regulate the quality of the seeds of the varieties specified in column (2) of the Table below of the kinds specified in the corresponding entries in column (1) of the said Table, hereby declares that the said varieties of seeds shall be notified varieties to be sold for purposes of agriculture for the states mentioned in column (3) of the said Table and shall be notified varieties for the whole of India for purposes of seed production and quality control with effect from the date of publication of the notification in the Official Gazette.

Kind (1)	Variety (2)	States (3)
Fieldpea	IPF 4-9	UP
	VL Matar 47 (VL 47)	UK
Fingermillet	DHRS 1	KA
	PRM-2	UK
	KMR-301 (Gowri)	KA
Forage Bajra	NDFB-3 (Narendra Chara Bajra-3)	UP, BR, OR, JH & WB
Forage Sorghum	Pant Chari-7 (UTFS 46)	UK
	Pant Chari -8 (UTMC 535)	UK
Groundnut	Divya (CSMG-2003-19)	UP & RJ
Horsegram	India Kulthi-1 (IKGH-05-01)	CG
Lentil	VL Masoor 514 (VL 514)	UK
	VL Masoor 133 (VL 133)	UK
Linseed	Mau Azad Alsi-2 (LMS-149-4)	CG, MH, KA & OR
	Jawahar Linseed- 41 (PKDL-41)	MP
Maize	DKC 9081 (MON 29)	UP, BR, OR, JH & AS
	IG 8011 (MCH 37)	AP, KA, MH & TN
	IG 8237 (MCH 38)	BR, OR, WB,

		JH, AP, KA, MH & TN
Mesta	AMV-7 (AHS 160)	Entire country
Niger	UTKAL Niger- 150 (ONS-150)	OR
Pearlmillet	86M66 (MH 1617)	RJ, GJ, HR, UP, MP, PB & DL
	Mandor Bajra Composite 2 (MBC 2) PAC 909 (MH-1435)	RJ, GJ & HR
		MH, AP, KA & TN
Pigeonpea	TS-3R	KA
Rice	SJR-5 (IET-19972)	JK, HR & TN
	Indam 200-017 (IET 20419)	MH & AP
	Chandrama (CR-386-2-10) (IET9354, 10419)	AS
Sorghum	SPSSV 6 (CSV 24 SS)	Entire country
Sugarcane	CoOr03151	OR, AP & TN
Wheat	MP3288 (JW 3288)	MP, CG, GJ, RJ & UP
	KRL-213	PB, HR, DL, RJ, UP, JK, HP, UK, BR, JH, OR, WB & AS
	MP (JW) 1201 (MP1201) HD-2967	MP
		PB, HR, DL, RJ, UP, JK, HP & UK

Sd/-
S.K.G. Rahate, Jt. Secy
[F. No. -3-10/2010-SD-IV]

New Delhi, the 16 March 2012

S.O. 617(E) - In exercise of the powers conferred by Sub-section (2) of Section 29 read with Section 14 of the protection of Plant Varieties and Farmers' Rights Act, 2001 (53 of 2001), the Central Government hereby specifies that the species specified in the following Table

shall be eligible for registration under the said Act, namely:

Crop species eligible for registration (1)	Common name in English (2)	Common name in Hindi (3)
<i>Cymbidium</i> sp.	Bamboo leaf orchid or Boat orchid	Cymbidium
<i>Dendrobium</i> sp.	Spray Orchid or Singapore Orchid	Jeevanti
<i>Vanda jones</i> ex R. Br.	Vanda or Blue Orchid	Rasna

Sd/-

S.K.G. Rahate, Jt. Secy
[F. No. 2-9/2009-SD-V]

New Delhi, 16 March 2012

S.O. 456(E) - In exercise of the powers conferred by Section 5 of the Seeds Act, 1966 (54 of 1966), the Central Government, after consultation with the Central Seed Committee, being of the opinion that it is necessary and expedient to regulate the quality of the seeds of the varieties specified in column (2) of the Table below of the kinds specified in the corresponding entries in column (1) of the said Table, hereby declares that the said varieties of seeds shall be notified varieties to be sold for purposes of agriculture for the states mentioned in column (3) of the said Table and shall be notified varieties for the whole of India for purposes of seed production and quality control with effect from the date of publication of the notification in the Official Gazette.

Kind (1)	Variety (2)	States (3)
Barley	DWRUB64	PB, HR, UP, DL & RJ
Blackgram	VBN (Bg)7 (VBG04-008)	KA, AP, TN & OR
Bottle gourd	Anand Bottle Gourd 1 (ABG 1)	GJ
Carnation	IIHRP 1 (Arka Flame)	KA
Chickpea	Raj Vijay Kabuli gram 101 (JSC42)	MP

	Raj Vijay gram 201 (JSC 40)	MP
Chilli	Kashi Gaurav (VR 338) Kashi Sinduri (IVPBC 535)	WB & AS KA, TN & KL
Chilli (Hybrid)	Arka Harita (MSH 96)	KA
Coconut	Kalpa Sankara CGD x WCT hybrid Kalpasree (Chowghat Green Dwarf)	Entire country Entire Country
French bean	Arka Anoop	KA
Garlic	VL Lahsun 2 (VGP-5)	JK, HP & UK
Ginger	Athira	KL
Groundnut	ICGV00350 HNG-123 Raj Mungfali-1 (RG-510)	TN & AP RJ, UP & PB RJ & PB
Indian Mustard	Pusa Mustard 28 (NPJ-124)	PB, HR, DL, RJ, UP & JK
Lentil	LL 931	PB
Maize	Vivek Maize Hybrid 43 (FH 3358) Vivek Maize Hybrid 39 (FH 3356) P3501 (X7B401)	UP, MP & RJ HP & UK RJ, UP, BR, MP JH, OR & GJ
Pearlmillet	Shine (VBBH 3040), (MH 1578)	MH, KA, AP & TN
Pumpkin	Anand Pumpkin 1 (AP1)	GJ
Rice	IGRKVR-1244 (R1244-1246-1-605-1) (IET 19796) Indira Barani Dhan-1 (RF-17-38-70) (IET 21205)	CG CG
Rice (Hybrid)	VNR 2245 (IET 20716) (VNR 204) VNR 2355 Plus (IET 20735) (VNR 202) CR Dhan 701 (IET 20852) (CRHR 32)	CG & TN UP, UK, WB, MH & TN BR & GJ
Soybean	SL744	PB
Spongegourd	Kashi Divya (VR 1)	PB, UP, BR & JH
Sugarcane	Haryana Ganna 128 (CoH 128)	PB, HR, RJ, UP & UK
Vegetable Cowpea	PKB 4 PKB 6	KA KA

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Wheat	AKAW-4627 KRL-210	MH, AP & KA PB, HR, DL, RJ, UP, JK, HP, UK, BR, JH, OR, WB & AS
	HD 3043	PB, HR, DL, RJ, UP, JK, HP & UK
	Raj Vijay Wheat 4106 (MP4106)	MP

Sd/-

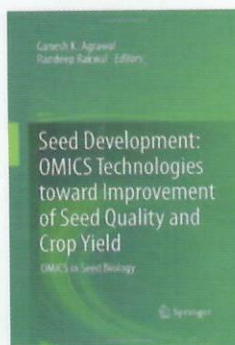
S.K.G. Rahate, Jt. Secy.
[F. No. 3-11/2011-SD-IV]

AP: Andhra Pradesh, AS: Assam, BR: Bihar, CG: Chhattisgarh, DL: Delhi, GJ: Gujarat, HR: Haryana, HP: Himachal Pradesh, JK: Jammu & Kashmir, JH: Jharkhand, KA: Karnataka, KL: Kerala, MP: Madhya Pradesh, MH: Maharashtra, OR: Orissa, PB: Punjab, RJ: Rajasthan, TN: Tamil Nadu, UK: Uttarakhand, UP: Uttar Pradesh, WB: West Bengal.



The 30th ISTA International Seed Congress to be held between 12 and 18 June 2013 at Antalya, Turkey is composed of three sections the International Seed Symposium, the ISTA Technical Committee Sessions and the ISTA Ordinary General Meeting. The mission of this Congress is to share new knowledge, experience and technologies emerging in seed science and technologies with seed sectors. For registration and more details visit www.ista2013antalya.org

NEW PUBLICATION



Seed Development

OMICS Technologies towards Improvement of Seed Quality and Crop Yield

Ganesh K. Agrawal and Randeep Rakwal (eds.)

2012, Springer
ISBN 978 94 007 4748 7
\$ 209.00

This book is a unique book, providing a rich source of information on seed development. Seed development is a key step of the plant life cycle that determines the nutrient value of seeds. The nutrient value of seeds is mainly due to storage reserve products such as carbohydrates, lipids (triacylglycerols) and proteins. Omics-oriented approaches have unraveled the mystery of seed biology at an unexpected pace-faster than ever imagined. Containing many important features including physiological and morphological variations in seed species, application of high-throughput technologies in generating datasets and their analysis to drive physiology and biology, integration of such technologies with breeding and other classical approaches in improving seed quality, crop yield, food quality, safety assessment and a huge reference compilation. These features make this book highly valuable for readers including students. Each chapter of this book has been written and edited by highly experienced scientists. This book is also very useful for all aspects of research in plant biology. The scope of this book is wide including its usefulness in the pharmaceutical industry and medical research given the fact that crop plants are the target for producing proteins/drugs in nutrition (vitamin A) and medicine. In conclusion, the book serves as a reference and textbook in the field of plant seed development, and will further fuel the explosion of interest in this young and dynamic biological discipline. The basic and advanced knowledge translated more appropriately in this book will help in developing integrated strategies to eventually improve the nutritional value of plant seed and crop yield, a critical goal in food security issues around the globe.

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