

**Trust for Advancement of Agricultural Sciences (TAAS)**  
**Avenue II, Indian Agricultural Research Institute**  
**Pusa Campus, New Delhi - 110012**

**Dr SK Vasal Award for Excellence  
in Crop Hybrid Research**

**Award Guidelines**

**Background**

Dr SK Vasal Award for Excellence in Crop Hybrid Research has been instituted by TAAS to honor the enormous contributions of Dr Surinder K Vasal, a world renowned maize breeder and a recipient of World Food Prize, for his outstanding work, especially the development of quality protein maize (QPM) hybrids. The award is instituted through an endowment established at TAAS ([www.taas.in](http://www.taas.in)) based on a contribution by Dr Vasal.

**Contributions of Dr SK Vasal**

Dr Vasal did his Ph.D. in Genetics and Plant Breeding from the Indian Agricultural Research Institute (IARI), New Delhi. He worked with the Rockefeller Foundation in Thailand in close collaboration with the National Corn and Sorghum Research Center of Kasetsart University. He was also the Head of CIMMYT's Asian Regional Maize Program in Thailand and coordinated the Tropical Asian Maize Network (TAMNET). Dr Vasal joined the International Maize and Wheat Improvement Center (CIMMYT), Mexico in 1970 and held the positions of Germplasm Coordinator, Head of Maize Research and Coordinator of Asian Regional Maize Program. In recognition of his outstanding performance, CIMMYT elevated him as Distinguished Scientist, the first to hold this position. The QPM germplasm developed by Dr Vasal is now being used worldwide to develop varieties/hybrids, in large number which are grown commercially in several developing countries of Asia, Central and South America, and Africa.

Dr Vasal is a member of the American Society of Agronomy, the Crop Science Society of America and India's National Academy of Agricultural Sciences. He is the recipient of World Food Prize (2000), Chinese Friendship Award (2001), Dr MS Swaminathan Award for Leadership in Agriculture (2008) of TAAS and BP Pal Memorial Award of the National Academy of Agricultural Sciences (NAAS), the apex award of the Academy.

**Objective of the Award**

The objective of the Dr SK Vasal Award for Excellence in Crop Hybrid Research is to recognize the contributions of eminent scientists (both men and women) who have made outstanding contribution in developing promising hybrids and designing new innovative strategies for hybrid development in crops. It is hoped that the award will accelerate research and development of crop hybrids, having significant potential of enhancing crop productivity so important for nation's food security.

**Eligibility**

- The Award is to be given annually
- The age limit is 55 years on the award announcement date.

### **Description of the Award**

- The Award consists of a cash prize of INR one lakh, a citation and the plaque.

### **Procedure for application**

- Application must be submitted in the prescribed form (attached) through proper channel, duly recommended by the Head of the Institution.
- A hard copy and a soft copy of the application along with recommendation of Head of the Institution be submitted by the due date.
- Application will be valid only for the year for which applied.
- Application should be sent to:

The Secretary  
 Trust for Advancement of Agricultural Sciences (TAAS)  
 Avenue II, Indian Agricultural Research Institute (IARI)  
 Pusa Campus, New Delhi - 110012  
 Phone: +91-11-25843243; +91-8130111237  
 Email: taasiari@gmail.com

### **Selection Procedure**

- Selection of the Awardee will be made by a committee of experts constituted by the Board of Trustees.
- The recommendations of the Selection Committee, once approved by the Board of Trustees, shall be final.

# **Trust for Advancement of Agricultural Sciences (TAAS)**

**Avenue II, Indian Agricultural Research Institute**

**Pusa Campus, New Delhi - 110012**

## **Application Form**

**Dr SK Vasal Award  
for Excellence in Crop Hybrid Research**

**Name and Affiliation of Applicant**

# Trust for Advancement of Agricultural Sciences (TAAS)

Avenue II, Indian Agricultural Research Institute

Pusa Campus, New Delhi - 110012

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## BIODATA OF APPLICANT

|    |                                                               |          |
|----|---------------------------------------------------------------|----------|
| 1. | Name in Full                                                  | Dr/Mr/Ms |
| 2. | Date of Birth and Age<br>(as on the last date of application) |          |
| 3. | Nationality                                                   |          |
| 4. | Field of Specialization                                       |          |
| 5. | Present Position/<br>Designation                              |          |
| 6. | (a) Official Address                                          |          |
|    | Tel No (with STD code)                                        |          |
|    | (b) Postal address for<br>Communication                       |          |
|    | Tel No. (with STD code)                                       |          |
|    | Mobile No.                                                    |          |
|    | E-mail:                                                       |          |

## 1. Academic and Professional Record

### (a) Education & Training (M. Sc. Onwards)

| Degree                                        | University/<br>Institution/Country | Period<br>(From -To) | Grade/Marks (%) |
|-----------------------------------------------|------------------------------------|----------------------|-----------------|
| M. Sc.                                        |                                    |                      |                 |
| Ph. D.                                        |                                    |                      |                 |
| Post-doctoral Research<br>/Technical Training |                                    |                      |                 |

### (b) Employment Record (reverse chronological order)

| Position Held | Organization | Institution & Place of<br>Posting | Period<br>(From-To) | Duration<br>(Years,<br>months) |
|---------------|--------------|-----------------------------------|---------------------|--------------------------------|
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## 2.1. Products, Technologies & Intellectual Properties Developed (Max. 45 marks)

(a) Hybrids/parental lines/ genetic stocks developed (*please restrict to max. 10 outputs*)  
(30 Marks)

|    | Hybrids<br>/parent<br>al lines/<br>genetic<br>stocks<br>develop<br>ed (Max.<br>100<br>words) | Reference | Main<br>developer/associate<br>developer<br><br>(Score 100% for<br>main developer,<br>75% for associate<br>developer) | Any innovation<br>used/specific trait<br>incorporated/material<br>registered/breeder<br>seed produced and<br>supplied/area under<br>cultivation/MoU<br>signed for seed<br>production/revenue<br>generated | For<br>official<br>use |
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(b) Patents/copyrights/ trademarks obtained/new protocols/concepts developed and revenue generated/adoption in R&D (please restrict to max. 10 outputs): (15 Marks)

|    | Patent/copyright/<br>trademark,<br>etc.<br>obtained;<br>new<br>protocols/concepts<br>developed<br>(Max. 100<br>words) | Reference | Main<br>developer/Associate<br>developer<br><br>(Score 100% for<br>main developer, 75%<br>for associate<br>developer) | Revenue<br>generated/adoption in R&D with<br>evidences | For<br>official<br>use |
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## 2.2. Publications (Total 35 marks)

| <b>(a) Research Papers (10 most important papers especially on hybrid breeding) 20 Marks</b><br><i>(authored publication- 5 marks; edited publication - 3 marks; book chapter - 2 mark. Score 100% marks for first and corresponding author, 75% for second and third authors, 50% for others).</i> List below research publications in the descending order of Journal impact factor indicating name of author(s), year, title, name of journal, volume no. and page nos. Indicate your name with <b>bold font</b> , and <u>underline name of corresponding author</u> . |                      |                                     |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------------|------------------|
| S. No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | List of Publications | New/Important Information Generated | For official use |
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| <b>(b) Books /Book chapters</b> <i>(list eight most important books/book chapters) (Max. 10 marks)</i><br><i>(authored books- 5 marks; edited books- 3 marks; book chapter- 2 mark. Score 100% marks for first and corresponding author, 75% for second and third authors, 50% for others).</i> Only list books with ISBN No., or those with at | Marks | For official use |
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|                                                                                                                               |  |  |  |
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| least 100 pages and published by a reputed publisher or organization such as ICAR, CSIR, Academies, Scientific Societies etc. |  |  |  |
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**(c) Total publications**

5 Marks

Include full list of publications including research papers, books, and book chapters, etc.

**2.3. Awards & Honors (Total 20 marks)** (5 marks for each award/recognition given by national academies/government/inter-government organizations, 3 marks for other awards/recognition.

| <b>Awards/Recognitions (Max. 20 marks)</b> |  | <b>Marks</b> | <b>For office use</b> |
|--------------------------------------------|--|--------------|-----------------------|
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**3. Summary Statement of Overall Achievements**

A concise statement (about 250 words) highlighting the most important contributions and special attainments of the applicant/nominee and their impact on hybrid research/science/policy.



#### 4. Declaration

I certify that the information given above for the **Dr SK Vasal Award for Excellence in Crop Hybrid Research** of TAAS is correct to the best of my knowledge.

Place:

Signature.....

Date:

Name of Applicant.....

#### Recommendations by Head of the Institution

Place:

Date:

Signature with Designation and office seal

(Name: )