



TECHNOLOGY TRANSFER PROCESS

Step 1: Technology Evolution and Evaluation

(Plant Materials and Technologies)

Research, scholarly, or other university activities yielding a novel discovery, tangible article, idea, or creative expression.

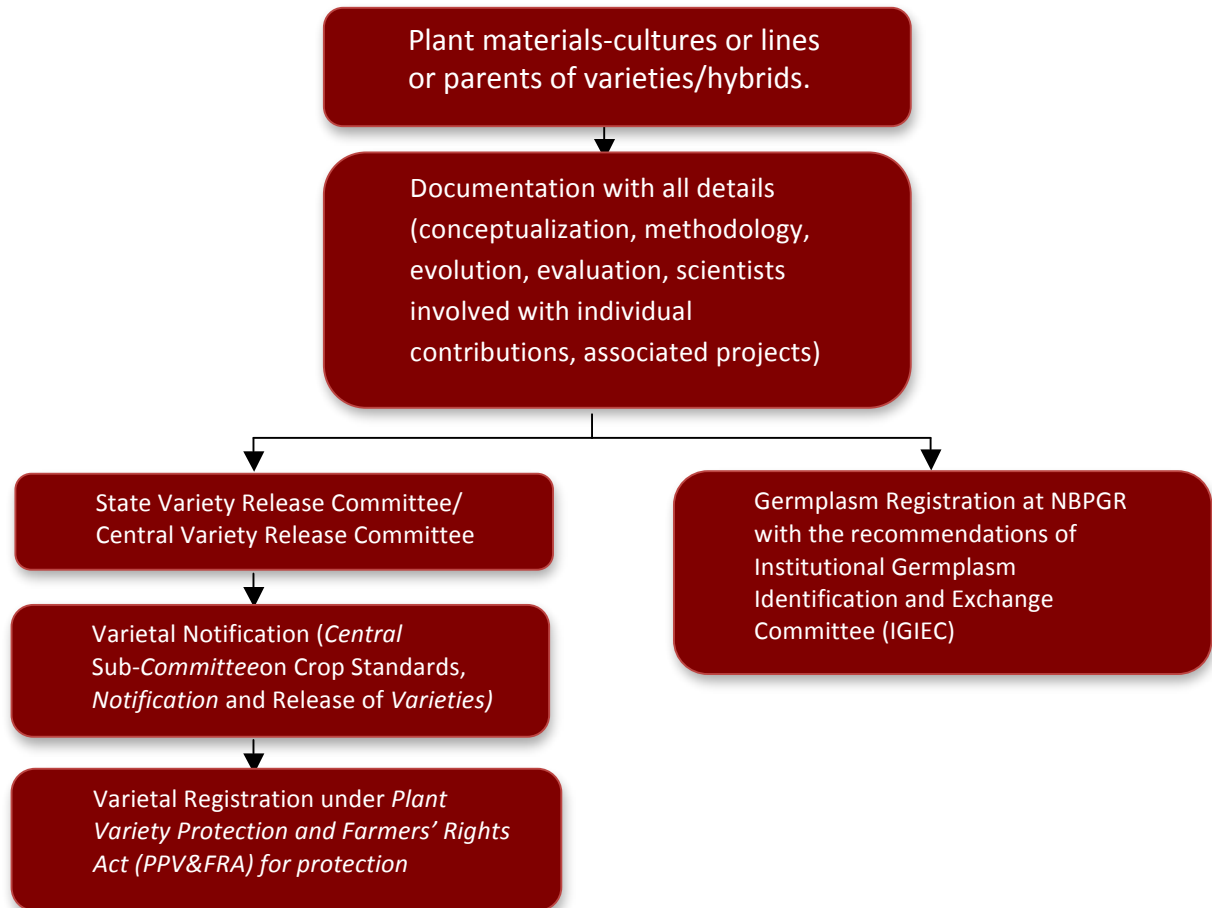
Based on the discussions during Annual Crop Scientists' Meet (April-May) and fixing time frame for submitting the proposals (Disclosure form for Plant Materials and Technologies) for the University Variety and Management Technology Release Screening Committee (UVMTRSC) for finalization. The proposals should have the details on the projects and sponsors

The Directorate of Research convene the University Variety and Management Technology Release Screening Committee (UVMTRSC) under the Chairmanship of Vice-Chancellor and review the status of Disclosed Discovery to determine if additional information is needed from the researcher(s) to know about the landscape of the research conducted, potential for adoption and further commercialization

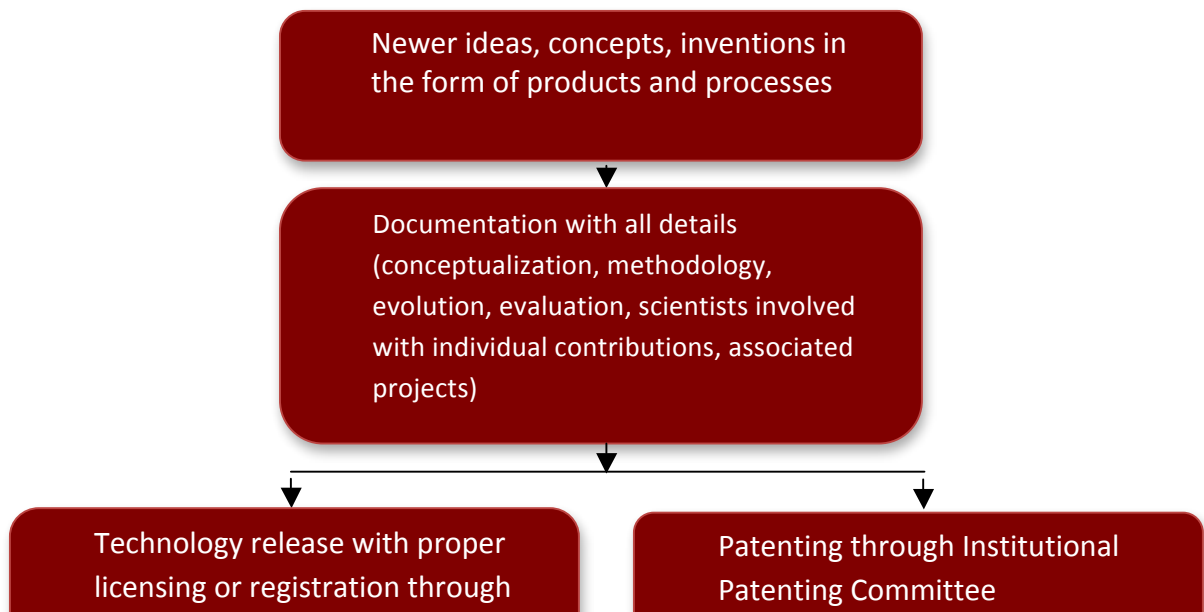
UVMTRSC finalizes the list of plant materials/ cultures/management technologies suitable for adoption and subsequent commercialization

Step 2: Technology Release

a) Varieties and Hybrids



b) Crop Management Technologies



Step 3: Decision Making

UVMTRSC finalizes the further action of

- 1) Licensing,
- 2) Registration and
- 3) Patenting of technologies, processes

UVMTRSC decides

- 1) Whether technology, product or process is ready for commercialization or not through the Directorate of Agri-Business Development.
- 2) Just for information
- 3) put in the public domain for adoption

Formats for disclosing details of plant materials and crop management technologies are furnished below:

**DIRECTORATE OF RESEARCH
TAMIL NADU AGRICULTURAL UNIVERSITY
COIMBATORE 641 003**
Email: drres@tnau.ac.in



PLANT CULTURE/LINE DISCLOSURE FORM

(Completed form should be submitted to the Directorate of Research *via* the concerned Technical Director)

- I. Plant Name with Line/accession number and Experimental details**
- II. Crop and its botanical name**
- III. Type (Annual /Perennial)**
- IV. Nature of Pollination and Propagation**
- V. Brief Description of the plant/ parental materials:** Describe the important characteristics of this plant material (add attachments if needed).
- VI. Details of Evolution (Breeding method(s) followed)**
(Indicate the individual contributions of scientists involved)
- VII. Details of Evaluation [State (research stations, OFTs, ARTs) and National Level (AICRP trials)]**
(Indicate the individual contributions of scientists involved)
- VIII. Improvements available in the proposed plant material over the existing plant varieties**
- IX. Specific quality improvements over the existing plant varieties (provide specific analytical details)**
- X. Adoptability and marketability of the plant material developed**
- XI. Funding Sources and/or Sponsorship:** List the funding source(s) and relevant contract number(s) (if available) for work that led to the development of this plant material.

XII. Publications: List the name and date of the first publication(s) made on the plant material.

XIII. Is any component of the plant material owned by a third party?
(In case if the plant material is an Essentially Derived Variety)

XIV. Additional Information: If available, provide an attachment(s) containing a complete description of the plant material (including origin and breeding history, objective description, and trial data).

XV. Breeder Information: (the term “breeder” shall mean the person who directs the entire process of crop breeding for creating a variety or who discovers and develops a variety. If the actions are conducted by an agent on behalf of a principal, the principal, rather than the agent, shall be considered the breeder. The term does not include a person who redevelops or rediscovers a variety the existence of which is publicly known or a matter of public knowledge or which falls under the category of extant variety).

XVI. Name of Primary Breeder (*Please note that the Primary Contact is the person who will provide information about the plant material*)

Breeder Data (1)

Name:

Title:

Email ID:

Phone:

Fax:

Department/Station/College:

Breeder Data (2)

Name:

Title:

Email ID:

Phone:

Fax:

Department/Station/College:

(To be submitted by all the contributing scientists)

XVII. Breeders' Signature:

I (we) hereby assign all right, title, and interest in and to this plant material to TNAU and agree to execute all documents as requested to assign my (our) rights to TNAU in and to any patent, plant variety protection certificate application or other statutory form of intellectual property protection filed in connection with this disclosure, and to

cooperate with TNAU in securing protection of the disclosed plant material.

I (We) hereby declare this Disclosure for plant material is complete and accurate to the best of my (our) knowledge.

I (We) hereby assure that I (we) had contributed for the development of this technology and any objection about this technology if arises at a later stage, I(we) are bound to the actions to be taken by the University and the decision of the University in this regard would be the final and binding.

(Signatures of Breeders Involved)

Counter signed

Head of the Department/Station

Controlling University Officer

Technical Director

DIRECTORATE OF RESEARCH
TAMIL NADU AGRICULTURAL UNIVERSITY
COIMBATORE 641 003
Email: drres@tnau.ac.in



TECHNOLOGY/INVENTION DISCLOSURE FORM

(Completed form should be submitted to the Directorate of Research *via* the concerned Technical Director)

I. Title of the Technology/Invention

II. Description of the Technology/Invention

Background of the invention and related technologies (the problem that the invention solves)

- a. Are there existing products that address the same problem that the Invention solves? Please name and describe them.
- b. List all relevant publications, patents and competing inventors or labs that you are aware of.

Unique features of the invention

- a. List all of the features that distinguish the invention over the related Technologies.

Detailed Description of the invention including reliability and repeatability

- a. How to make and use the invention
- b. Best mode of making the invention
- c. Drawings or pictures of all aspects of the invention
- d. Possible alternative versions of the invention
- e. Probable uses of the invention
- f. The occasion of disclosure of invention made (crop scientists' meet)

III. Funding and/or Sponsorship:

Please include all outside agencies, foundations, organizations, or companies and the applicable contract or grant number(s) that provided funding to any inventor for the research that led to the invention. Please also include any companies that have supplied materials in exchange for intellectual property rights. (If there is no funding or sponsorship, then mark *None*.)

- a. Was this work done using a facility in TNAU?

- b. Was this invention developed using funding from the TNAU or from any other funding source?
- c. Was any third party biological material used in the course or in the performance of the research that led to the invention? If yes, please provide a copy of the Material Transfer Agreement under which the third party's material was transferred to TNAU.
- d. Was any **third party technology/software** included in the invention? If yes, please provide the information on the source of the third party **technology/software** and any constraints on its use in the current invention.

IV. Record of Invention (If no information is available, then mark *None*.)

- a. Date of conception
- b. Date of documentation
- c. Form of documentation
- d. Location of documentation
- e. Invention reduced to practice?
- f. Date of first reduction to practice
- g. Prototype Available?

V. Publication(s):

Please provide a copy of all materials disclosed or anticipated to be disclosed in the near future in any of the forms. (If no information is available or no plan for disclosure in the near future, please state "*None*".)

VI. Commercial Interest: Please list the specific contacts if you have them, or simply list some companies that are the type of company that you think might be interested in this invention. (If no information is available, then mark ***None***.)

Inventor Information Section:

- Please list all inventors. Inventorship is a matter of law and is different from authorship on a scientific paper.
- As per Patent Law, an inventor is someone who contributed intellectually to the conception of the invention as claimed in a patent application.
- Genuine inventorship therefore also depends on the specific claims to be made in a patent application on the invention.
- Neither the expression of the need of an invention, the funding of a project, supervising the execution of a project, nor performing work as a "pair of hands" at other's instructions to reduce an invention to practice is sufficient to qualify someone as an inventor.
- If you have one or more collaborators, either at TNAU or at other institutions, and you are not absolutely sure whether they are qualified as inventors according to patent law, it is advisable to not

simply assume all of them as inventors but to list them in a separate attachment to this disclosure (each with contact information) and to describe each individual's contribution to the work from which this invention arose so that TNAU and its counsel may have the opportunity to, based on the facts presented, determine each individual's contributions to the claims in the eventual patent application for the invention TNAU may file. This is a good practice because faulty inventorship may compromise the value of a patent.

VII. Inventors:

Name of Primary Contact for TNAU regarding this invention:

Please note that the primary contact is the person who will provide information to and interact with Directorate of Research regarding the invention, related patent applications, and potential licenses. The primary contact can be modified when the circumstance changes in the future.

Inventor Data (1) (Lead Inventor)

Name:
Title:
Email ID:
Phone:
Fax:
Department/Station/College:

Inventor Data (2)

Name:
Title:
Email ID:
Phone:
Fax:
Department/Station/College:
(To be submitted by all the contributing scientists)

VIII. Inventors' Signature(s):

I (we) hereby assign all right, title, and interest in and to this technology/innovation to TNAU and agree to execute all documents as requested to assign my (our) rights to TNAU in and to any patent, plant variety protection certificate application or other statutory form of intellectual property protection filed in connection with this disclosure, and to cooperate with TNAU in securing patenting/protection of the disclosed invention.

I (We) hereby declare this Disclosure for technology/innovation is complete and accurate to the best of my (our) knowledge.

I (We) hereby assure that I (we) had contributed for the development of this technology and any objection about this technology if arises at a later stage, I(we) are bound to the actions to be taken by the University and the decision of the University in this regard would be the final and binding.

(Signatures of Inventors Involved)

Counter signed

Head of the Department/Station

Controlling University Officer

Technical Director