



BMT/14/Joint/5

ORIGINAL: English

DATE: November 24, 2014

INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS

Geneva

OECD/UPOV/ISTA JOINT WORKSHOP ON MOLECULAR TECHNIQUES

Seoul, Republic of Korea, November 12, 2014

EXISTING AREAS OF COOPERATION BETWEEN OECD, UPOV AND ISTA

Document prepared by the Office of the Union

Disclaimer: this document does not represent UPOV policies or guidance

The Annex to this document contains a copy of a presentation "Existing Area of Cooperation between OECD, UPOV and ISTA" made at the OECD/UPOV/ISTA Joint Workshop on Molecular Techniques.

[Annex follows]

OECD/UPOV/ISTA JOINT WORKSHOP ON MOLECULAR TECHNIQUES

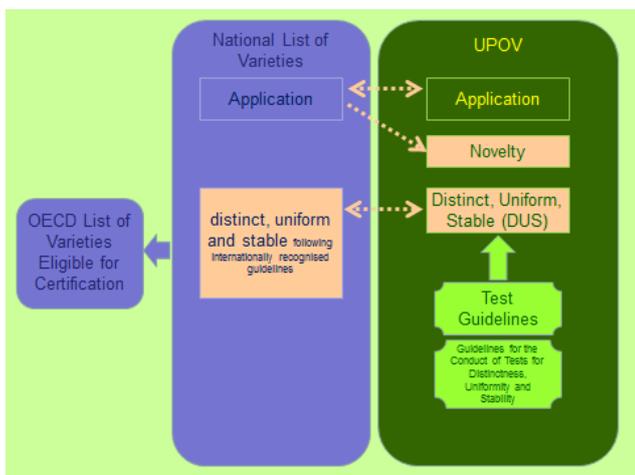
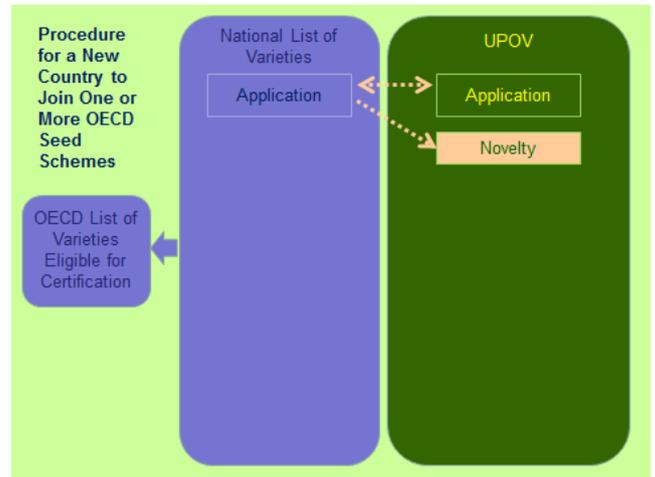
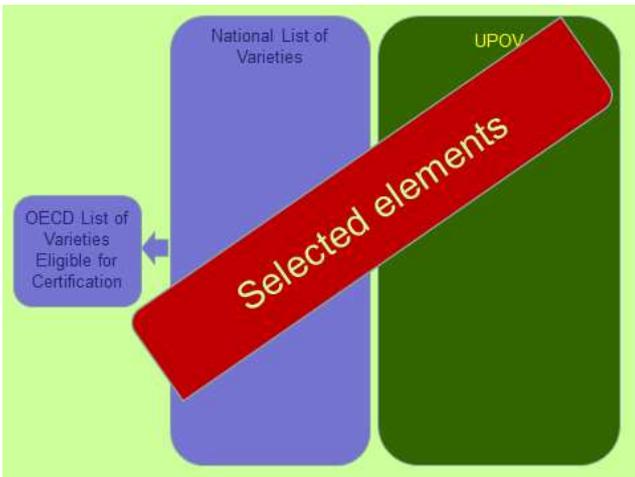
Existing areas of cooperation between OECD, UPOV and ISTA

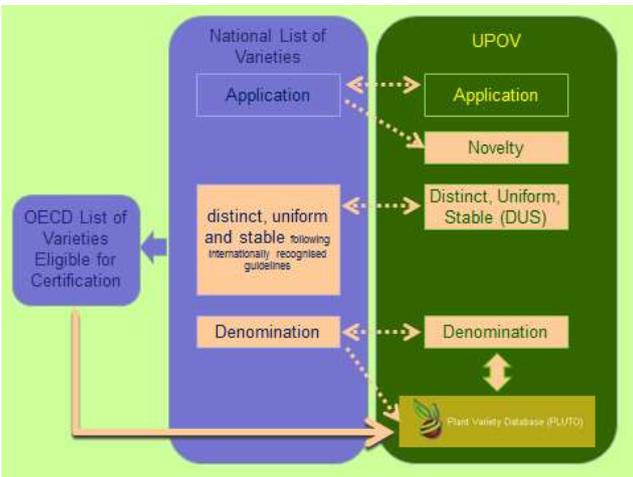
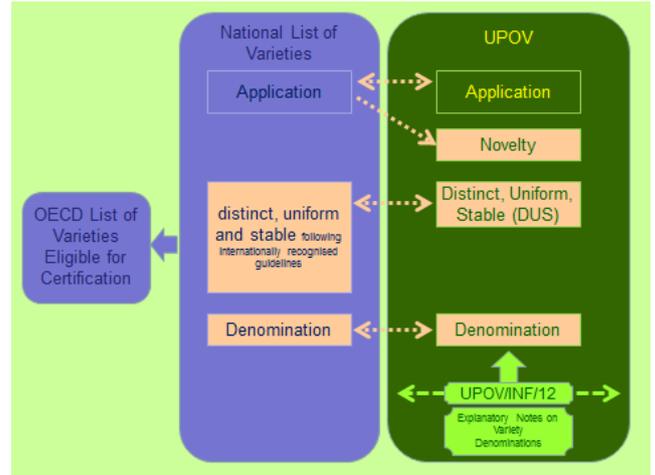
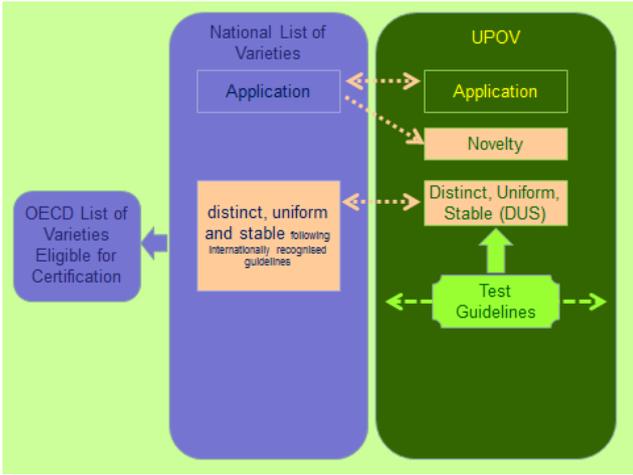
Peter Button
Vice Secretary-General, UPOV

Seoul, Republic of Korea, November 12, 2014

Preview

- UPOV-OECD
- UPOV-OECD-ISTA (molecular techniques)



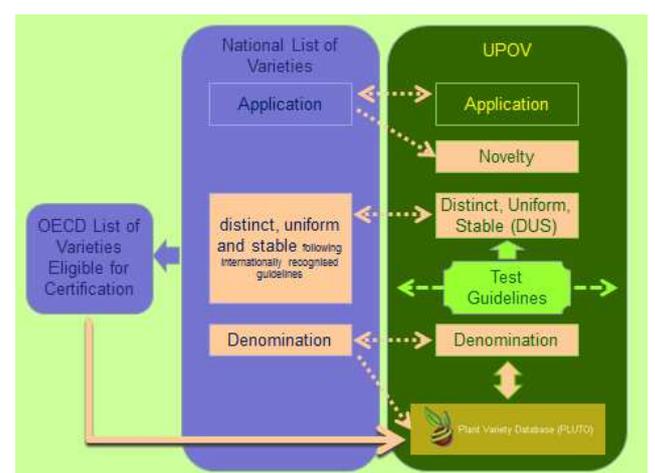


OECD data in PLUTO database

The screenshot shows the PLUTO database interface. A green box highlights the 'Filter By' section, which includes 'Country' (set to 'All'), 'Status' (set to 'All'), 'Event Type' (set to 'All'), 'Grant Date' (set to 'All'), and 'End Date' (set to 'All'). Below the filters, a table displays search results:

IPV/ID/Status	Country	Type	External Name	Common Name	App. No.	App. Date	Grant Date	Dissemination
ADGSP_DN	DM	ZZZ	Agropur ostabum	Farmis Creded	09/04/2010			10
ADGSP_DB	DM	ZZZ	Agropur ostabum	Farmis Creded	09/04/2010			AC-Partner

The screenshot shows the UPOV website. A banner at the top reads 'DL-205: registration open' with a sunflower image. Below the banner is a 'Welcome' message. On the right side, there is a 'Quick Links' section with several links. A green arrow points to the 'Plant Variety Database (PLUTO)' link.



Preview

- UPOV-OECD
- **UPOV-OECD-ISTA (molecular techniques)**

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Coordination between International Organizations

- The UPOV Technical Committee (TC) received the following presentations from the relevant international organizations*.

Situation with regard to use of molecular techniques relation to seeds in the International Organization for Standardization	in Mr. Michael Sussman for (ISO) * Presented by Mr. Paul Zankowski (United States of America)
Situation with regard to use of molecular techniques in the International Seed Association	in Ms. Rita Zecchinelli (ISTA)
Situation with regard to use of molecular techniques in the Organisation for Economic Co-operation and Development	in Mr. Michael Ryan (OECD)

(presentation slides available at: http://upov.int/meetings/en/details.jsp?meeting_id=28343)

See document TC/49/41 "Report on the Conclusions"

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Coordination between International Organizations

At the 49th session of the TC:

- **UPOV** TC agreed to propose to hold a coordinated meeting of the fourteenth session of the **BMT** with meetings of other relevant international organizations in 2014
- Mrs. Zecchinelli indicated the support of **ISTA** for a joint meeting with UPOV
- Mr. Ryan indicated the support of **OECD** for a joint meeting with UPOV
- TC endorsed the initiative for a joint meeting with **ISO, ISTA and OECD and including breeders**, as a means of supporting the role of the BMT in relation to (i), (ii), (iv), (vi) and particularly (viii) below

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Coordination between International Organizations

The BMT is a group open to DUS experts, biochemical and molecular specialists and plant breeders, whose role is to:

- Review general developments** in biochemical and molecular techniques;
- Maintain an awareness** of relevant applications of biochemical and molecular techniques in plant breeding; [...]
- If appropriate, establish **guidelines for biochemical and molecular methodologies and their harmonization** and, [...]
- Develop **guidelines regarding the management and harmonization of databases of biochemical and molecular information**, in conjunction with the TWG;

...

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STATUS OF UPOV DOCUMENTS CONCERNING MOLECULAR TECHNIQUES

ADOPTED

Document reference	Title
UPOV/INF/17/1	Guidelines for DNA Profiling: Molecular Marker Selection and Database Construction ("BMT Guidelines")
UPOV/INF/18/1	Possible Use of Molecular Markers in the Examination of Distinctness, Uniformity and Stability
Document reference	Title
TGP/15	Guidance on the Use of Biochemical and Molecular Markers in the Examination of Distinctness, Uniformity and Stability (DUS)

Document reference	Title
UPOV/INF/17/1	Guidelines for DNA Profiling: Molecular Marker Selection and Database Construction ("BMT Guidelines")

The purpose of this document (BMT Guidelines) is to provide guidance for developing **harmonized methodologies** with the aim of generating high quality molecular data **for a range of applications**. The BMT Guidelines are also intended to address the **construction of databases** containing molecular profiles of plant varieties [...]

Coordination between International Organizations

The BMT is a group open to DUS experts, biochemical and molecular specialists and plant breeders, whose role is to:

- (i) Review general developments in biochemical and molecular techniques;
- (ii) Maintain an awareness of relevant applications of biochemical and molecular techniques in plant breeding; [...]
- (iv) If appropriate, establish guidelines for biochemical and molecular methodologies and their harmonization and, [...]
- (vi) Develop guidelines regarding the management and harmonization of databases of biochemical and molecular information, in conjunction with the TWC;
- (viii) Provide a forum for discussion on the use of biochemical and molecular techniques in the consideration of essential derivation and variety identification.

WORKING GROUP ON BIOCHEMICAL AND MOLECULAR TECHNIQUES, AND DNA-PROFILING IN PARTICULAR (BMT)
Fourteenth Session, Seoul, Republic of Korea, November 10 to 13, 2014 / Preparatory Workshop, November 9, 2014 / Joint Workshop, November 12, 2014

Time	Sunday, Nov. 9	Monday, Nov. 10	Tuesday, Nov. 11	Wednesday, Nov. 12	Thursday, Nov. 13
09:00		9:00 MEETING Item 1. Opening of the session Item 2. Adoption of the agenda Item 3. Reports on developments in ICPV Item 4. Short presentations by participants	9:00 Variety identification Item 5. Variety identification	9:00 OECD, ICPV, ISTA, AINIA WORKSHOP ON MOLECULAR TECHNIQUES Item 6. Welcome and opening Item 7. Introduction to the OECD Seed Scheme and the situation with regard to molecular techniques Item 8. Introduction to ICPV and the situation with regard to molecular techniques Item 9. Short presentation + 20min Q&A session Item 10. Short presentation + 20min Q&A session	Item 9. Report of work on molecular techniques in a crop (e.g. rice, wheat, maize)
10:30		COFFEE	COFFEE	COFFEE	COFFEE
11:00		Item 3. Report of work on molecular techniques in a crop (e.g. rice, wheat, maize) Item 4. Self-organized course (if self-organized course) Item 5. Self-organized course	Item 5. Variety identification (cont.) Item 6. Examining essential derivation	Item 6. Introduction to ISTA and the situation with regard to molecular techniques Item 7. Existing areas of cooperation between OECD, ICPV and ISTA	Item 10. International guidelines Item 11. Data/Data of next session Item 12. Future program
12:30		LUNCH	LUNCH	LUNCH	SESSIONS END
14:00	PREPARATORY WORKSHOP Item 3. Report of work on molecular techniques in a crop (e.g. rice, wheat, maize)	Item 5. Variety identification (cont.) Item 6. Examining essential derivation	Item 6. Opportunities for cooperation between OECD, ICPV and ISTA with regard to molecular techniques (Discussion) Item 7. Closing Item 8. Variety description guidelines		
14:30					
15:30		COFFEE	COFFEE	COFFEE	
16:00		Item 6. Examining essential derivation (cont.) Item 7. Methods for analysis of molecular data	Item 6. Report of work on molecular techniques in a crop (e.g. rice, wheat, maize)		
16:00					



[End of Annex and of document]