



TWV/46/40 ORIGINAL: English DATE: June 8, 2012

INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS Geneva

TECHNICAL WORKING PARTY FOR VEGETABLES

Forty-Sixth Session near the city of VenIo, Netherlands, June 11 to 15, 2012

REPORT ON DEVELOPMENTS WITHIN UPOV

and

WEB BASED TG TEMPLATE

Document prepared by the Office of the Union

1. Annex I to this document contains a copy of a presentation "Report on Developments within UPOV" prepared by the Office of the Union for the forty-sixth session of the Technical Working Party for Vegetables.

2. Annex II to this document contains a copy of a presentation "Web Based TG Template" prepared by an expert from Australia and the Office of the Union for the forty-sixth session of the Technical Working Party for Vegetables.

[Annexes follow]

TWV/46/40

ANNEX I

Technical Working Party for Vegetables

Forty-Sixth Session

REPORT ON DEVELOPMENTS IN UPOV

near the city of VenIo, the Netherlands, June 11 to 15, 2012

OVERVIEW

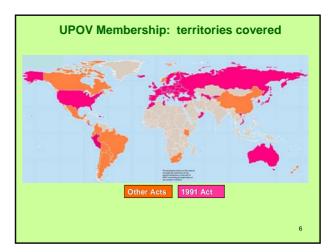
- Members & People
- Future event
- New website
 - general features
 - new databases (PLUTO & UPOV Lex)
 - access to information
- Electronic application form
- DUS and technical developments

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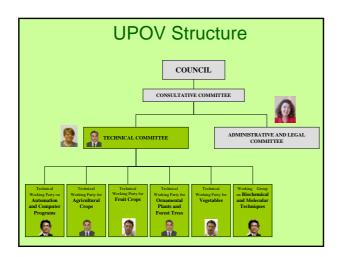






UPOV Body	Role	Person
Council	President	Mr. Keun-Jin Choi (Republic of Korea)
Council	Vice President	Mrs. Kitisri Sukhapinda (United States of America)
CAJ	Chair	Mr. Lü Bo (China)
CAJ	Vice Chair	Mr. Martin Ekvad (European Union)
тс	Chair	Mr. Joël Guiard (France)
тс	Vice Chair	Mr. Alejandro Barrientos Priego (Mexico)
TWA	Chairperson	Mrs. Robyn Hierse (South Africa)
тwс	Chairperson	Mr. Sami Markkanen (Finland)
TWF	Chairperson	Mrs. Carensa Petzer (South Africa)
тwo	Chairperson	Mr. Nik Hulse (Australia)
TWV	Chairperson	Mr. François Boulineau (France)
BMT	Chairperson	Mr. Alejandro Barrientos Priego (Mexico)







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protection for farmers and growers

Geneva: November 2, 2012

UPOV

- illustrations of how plant variety protection can improve incomes for farmers and growers by supporting the development and supply of new, improved varieties that are suited to their needs
- examples of how farmers and growers can use plant variety protection as breeders

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OVERVIEW

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OVERVIEW

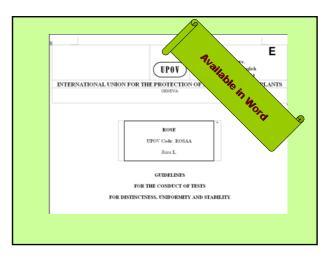
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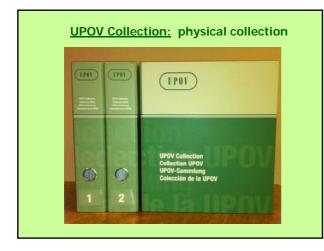










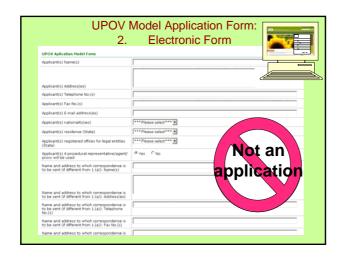


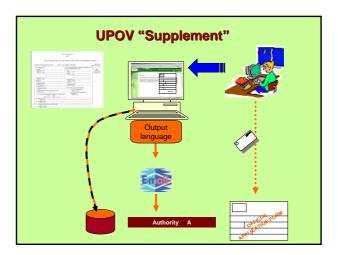
Document reference	Title
UPOV/INF/6/2	Guidance for the preparation of laws based on the 1991 Act of the UPOV Convention (Revision)
UPOV/INF/16/2	Exchangeable Software (Revision)
UPOV/INF/18/1	Possible use of Biochemical and Molecular Markers in the Examination of Distinctness, Uniformity and Stability (DUS)
UPOV/INF-EXN/1	List of INF-EXN Documents and Latest Issue Dates
TGP/0/4	List of TGP Documents and Latest Issue Dates
TGP/5	Experience and Cooperation in DUS Testing:
Section 10/2	Notification of Additional Characteristics (Revision)
TGP/7/3	Development of Test Guidelines (Revision)
TGP/11/1	Examination of Stability

Document reference	Status	Title	Schedule
UPOV/INF/ADS	New	Alternative Dispute Settlement Mechanisms	Council November 2012
UPOV/INF/15	Revision (PLUTO data)	Guidance for Members of UPOV on Ongoing Obligations and Related Notifications	CAJ/66 October 2012
UPOV/INF/5 (October 1979)	Revision	UPOV Model Plant Breeders' Rights Gazette	CAJ/67 March 2013
UPOV/EXN/EDV	Revision	Essentially Derived Varieties	CAJ-AG October 2012
UPOV/EXN/BRD	New	Definition of Breeder	CAJ-AG October 2012
UPOV/EXN/HRV	New	Acts in Respect of Harvested Material	CAJ-AG October 2012
	To be decided	Matters Arising after the Grant of a Breeder's Right	CAJ-AG October 2012
	To be decided	Propagation and Propagating Material	CAJ-AG October 2012

OVERVIEW

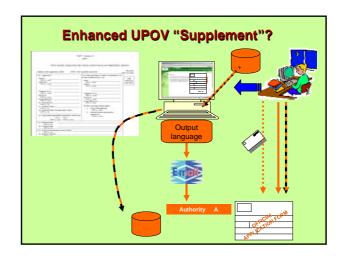
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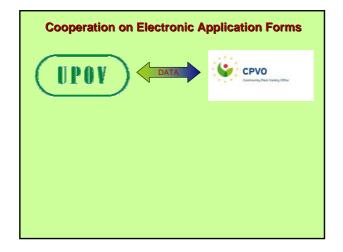




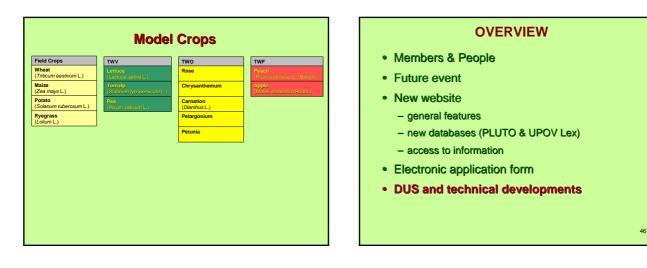
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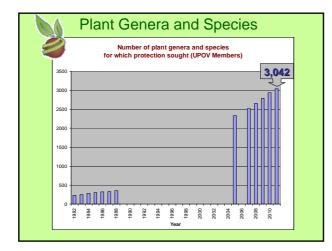




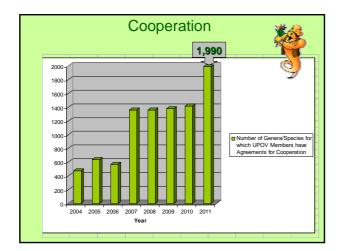


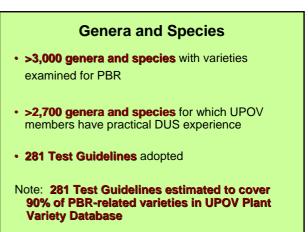








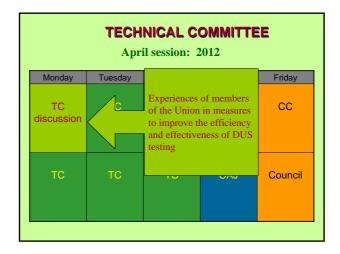


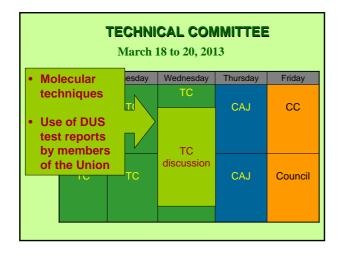


		NEW TEST GUIDELINES
JP	TWA	Buckwheat (Fagopyrum esculentum Moench)
FR	TWO	Canna (<i>Canna</i> L.)
PL/ GB	τωο/των	Echinacea (<i>Echinacea</i> Moench.)
NL	TWA	Hemp (Cannabis sativa L.)
GB	TWO	Heuchera L., xHeucherella H. R. Wehrh.
DE	TWF	Blue Honeysuckle (<i>Lonicera caerulea</i> var. <i>edulis</i> Turcz. ex Freyn) / Honeyberry (<i>Lonicera caerulea</i> var. <i>kamtschatica</i> Sevast.)
JP	TWO	Oncidium (<i>Oncidium</i> Sw.)
FR	TWF	Pineapple (Ananas comosus (L.) Merr.)
JP	TWV	Shiitake (Lentinula edodes (Berk.) Pegler)

	Test C	Guidelines adopted in 2012
		REVISIONS
NZ	TWF	Kiwifruit (Actinidia Lindl.)
AU/ ES	TWA	Durum wheat (Triticum turgidum L. subsp. durum (Desf.) Husn.)
GB	TWV	Parsnip (Pastinaca sativa L.)
DE	TWV	Black radish, Oriental radish (<i>Raphanus sativus</i> L. var. <i>niger</i> (Mill.) S. Kerner) Radish (<i>Raphanus sativus</i> L. var <i>sativus</i>)
		PARTIAL REVISIONS
FR	TWV/TWA	French Bean (Phaseolus vulgaris L.)
DE	TWO	Kalanchoe (<i>Kalanchoe blossfeldiana</i> Poelln. and its hybrids)
DE	TWO	New Guinea Impatiens
DE	TWF	Strawberry (Fragaria L.)

TECHNICAL COMMITTEE April sessions: 2002-2011								
Monday	Tuesday	Wednesday	Thursday	Friday				
TC-EDC	тс	тс	CAJ	сс				
тс	тс	тс	CAJ	Council				







[Annex II follows]

TWV/46/40

ANNEX II

Technical Working Party for Agricultural Crops Forty-first Session

Web Based TG Template

Nik Hulse, Senior Examiner of PBR, Australia Romy Oertel, Office of the Union

Angers, France, May 21 to 25, 2012

IDEA

- Create a web based TG Template to facilitate work for drafters of Test Guidelines
 - Less formating work
 - No more manual update of linked chapters

2

An existing example

• online Interactive Variety Description System (IVDS)

- although this system has a different purpose, some of the features are similar and demonstrate how a Web Based TG template might operate.

What is the IVDS?

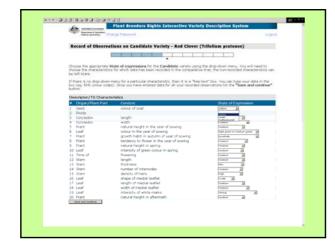
- The IVDS is an online system which allows entry of detailed descriptions of varieties in a controlled way.
- A series of screens prompts the user to enter required information
 eg testing location, trial conditions, variety characteristics
- The system presents the characteristics from the relevant UPOV Test Guideline by way of dropdown lists. the user selects the appropriate state of expression for each characteristic
- The IVDS then produces a Word document that is used for publication in the plant varieties journal

 if changes are needed then these can be made in the IVDS and a new Word document produced incorporating the changes

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TWV/46/40 Annex II, page 2



	Interactive Variety Description System
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After submitting the application you can keep a record	of your description by clicking "Output a copy as a Word
document for your records* in the fullowing page. The	is will perverate a word description of the variety-
Details of Application	E E CARLES CONTRACTOR DE LA CONTRACTÓRIA DE LA CONTRACTÓRIA DE LA CONTRACTÓRIA DE LA CONTRACTÓRIA DE LA CONTRACT
Application Number	2001/060
Variety Name	Broadway
Genus Species	Trifolium protense
Common Name	Red Clover
Synorym	
Accepted Date	16-Mar-2001
Applicant	AgResearch Limited
Agent	David Ryan & Byron Angelopulo of Baker and
Qualified Person	Mokenzie (Solicitors) Jeffrey Miller
Qualified Person Author of Description	Jeffray Miller Jeffray Miller
Author of Description	Jettey Miller
Details of Comparative Trial	
Overseas Testing Authority	OS test report only
Overseas Data Reference Number	OS test report only
Location	AgResearch Grasslands Research Centre, Palmerston North, New Zealand
Descriptor	UPOV TG for Red Clover
Period	autumn-summer 2000/200
Conditions	plants raised from seed sown on 22/3/00 in seed fatur in controlled glasshows conditions. Plants formmed on 28/4/00 to enhance establishment and glaced in the gene for hardwing. If yets three plants with the gene field bardwing. Educes the second plants and 12/20m between births.
Trial Design	randomised block 10 plots of 10 plants of each

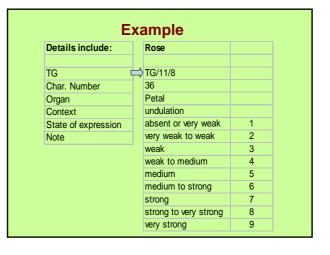


Organ/Plant Part: Context		Brond-	eny:	Coleman Coleman	Grasslands Hamus
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#Plant: tendency to flower in the year of	powing	media	1	weak to media	m wask
EPlant: natural height in spring		medu	16 C	short to medu	n medium
#Leaf: Intensity of green colour in spring		media		light to mediur	n very light
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P Stem: length		media		short	medium
#Stem thickness		thin		thin	medium
# Stem: number of internodes		media		low	medium to high
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FLash shape of medial leaflet		ovete		ovate	0+ste
"FLeaf: length of medial leaflet		mediu		short to mediu	n short
E Leaf: width of medial leaflet		medu	-	narrow	narrow
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Plant: natural height in aftermath		mediu		medium to high	medium
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Leaf: markings	medur		verview		ery high
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Std. Deviation	54.70		15.60		i6.60
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Neans Separation	10. D				
Stem: thickness					
Mean	3.15		3.60		.79
Std. Deviation	0.44		0.51		.60
Lad/sig	0.33		P<=0.01		10.0=>
Means Separation					

Why it is useful

- The data entered into the IVDS is maintained in a database.
 therefore it is structured and can be queried or exported
- It includes details of every characteristic from all adopted UPOV Test Guidelines

 as new TG's are adopted they are entered into the system



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So...

- A system conceptually similar to the IVDS for a Web Based TG template could improve the efficiency and quality of drafting TG's
- More on the idea.....

Chapters 1 to 6

- Standard Wording: no possibility to be changed by drafter
- ASW: option to tick and choose as required
- Questions asking for information required (number of plants to be observed, assessment of uniformity etc.)
- GN could pop up by clicking on a "?" icon in respective places

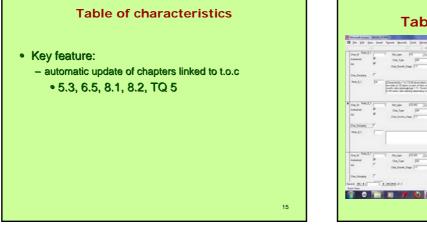


Table of characteristics

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Table of characteristics

- How to create a characteristic
- Combined with a database containing existing characteristics with all states of expressions of adopted TGs
 - use keyword search (e.g. "petal" and will find all characteristics containing the word "petal" of all TGs in database)

Other Necessary Features

- Print preview
- Export into Word document

TWV/46/40 Annex II, page 4

Possible Future Features

- Translation database
- Use as archiving system

Feedback

 Please send comments, proposals or critical views to: <u>Nik.Hulse@ipaustralia.gov.au</u> and

romy.oertel@upov.int



[End of Annex II and of document]