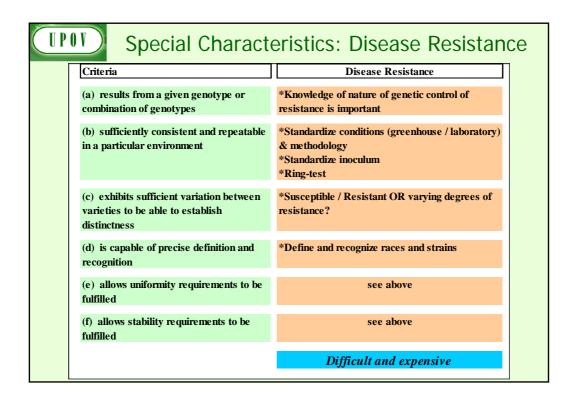
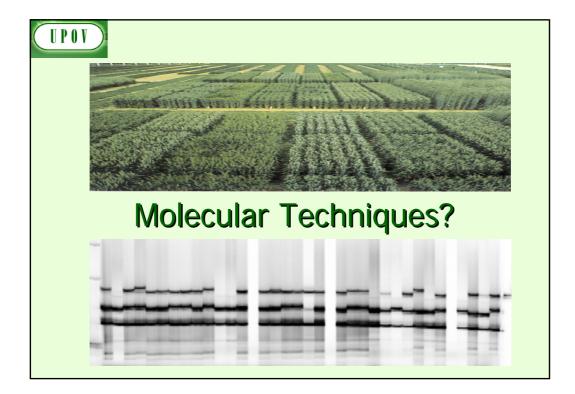
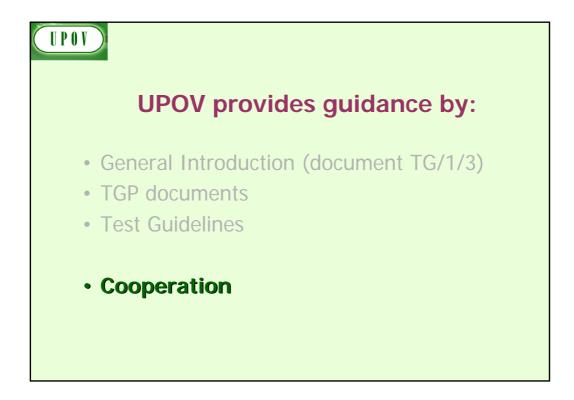


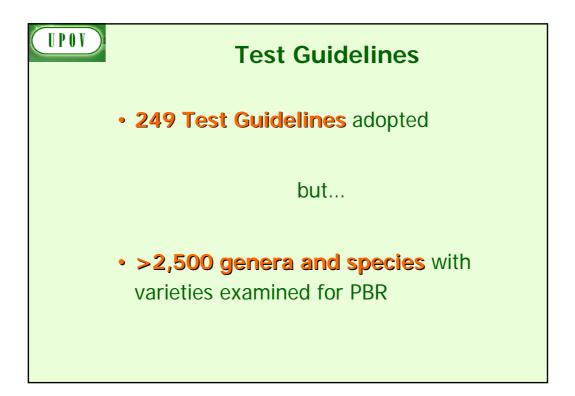
Criteria	Fruit: color	Leaf: shape	Yield	Straw strength
(a) results from a given genotype or combination of genotypes	Yes	Yes		Stright
(b) sufficiently consistent and repeatable in a particular environment	Yes	Yes		
(c) exhibits sufficient variation between varieties to be able to establish distinctness	Yes	Yes		
(d) is capable of precise definition and recognition	Yes	Yes		
(e) allows uniformity requirements to be fulfilled	Yes	Yes		
(f) allows stability requirements to be fulfilled	Yes	Yes		
Commercial value	Yes	No		

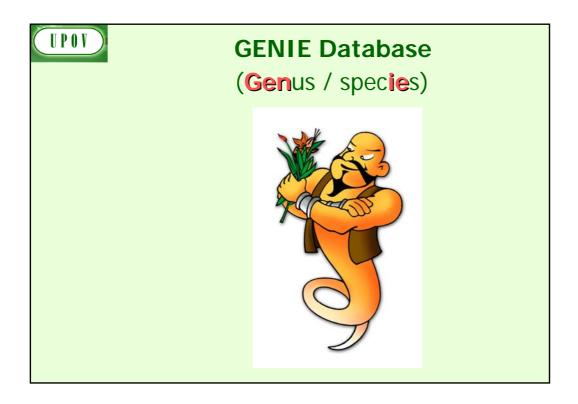
CIPOT Selection	on of Ch	aracter	istics	
Criteria	Fruit: color	Leaf: shape	Yield	Straw strength
(a) results from a given genotype or combination of genotypes	Yes	Yes	Yes	Yes
(b) sufficiently consistent and repeatable in a particular environment	Yes	Yes	(No)	(No)
(c) exhibits sufficient variation between varieties to be able to establish distinctness	Yes	Yes	???	???
(d) is capable of precise definition and recognition	Yes	Yes	(No)	???
(e) allows uniformity requirements to be fulfilled	Yes	Yes	???	???
(f) allows stability requirements to be fulfilled	Yes	Yes	???	???
Commercial value	Yes	No	Yes	Yes
ACCEPTABILITY	Yes	Yes	No	No

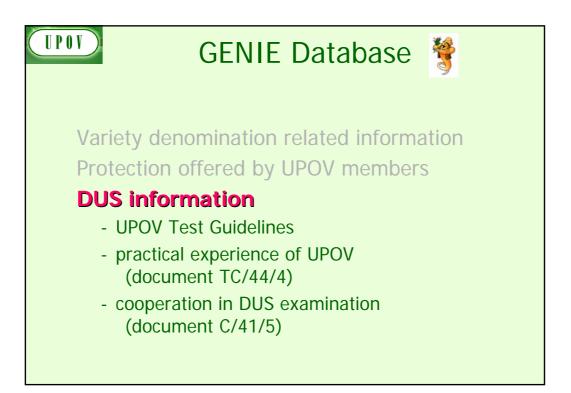


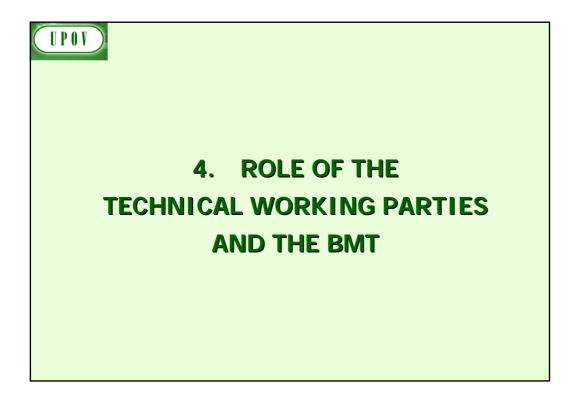


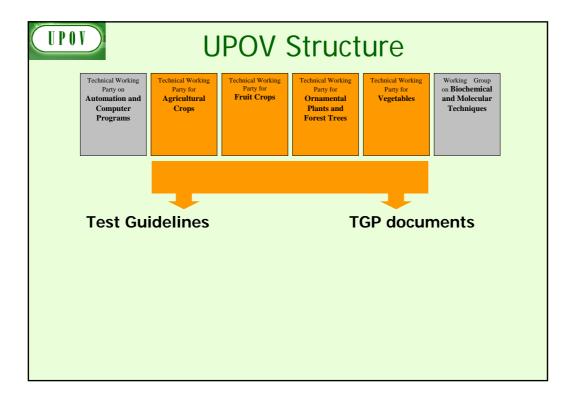


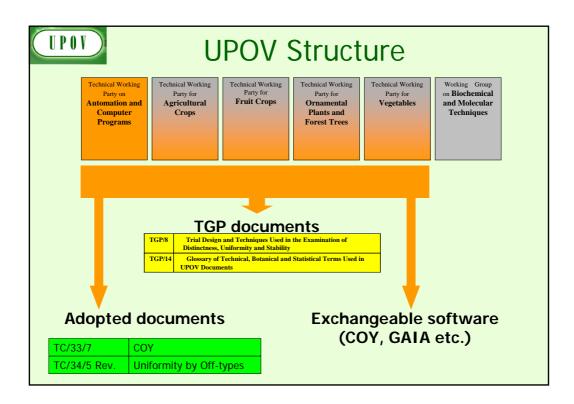


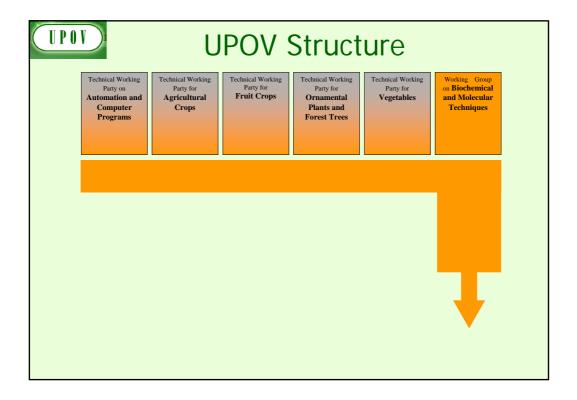






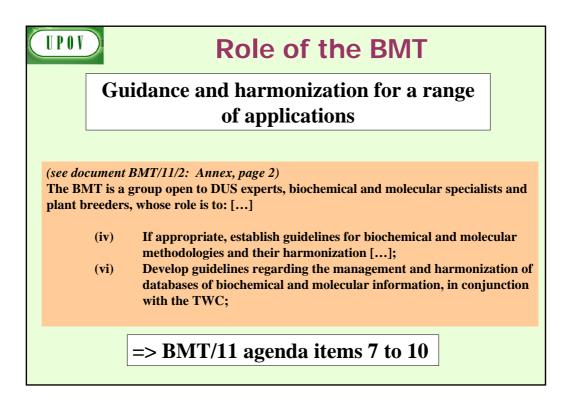


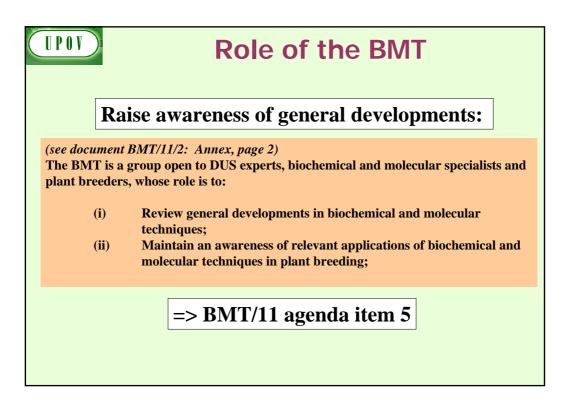


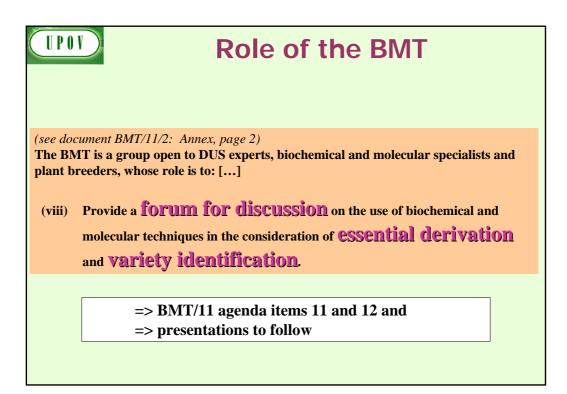


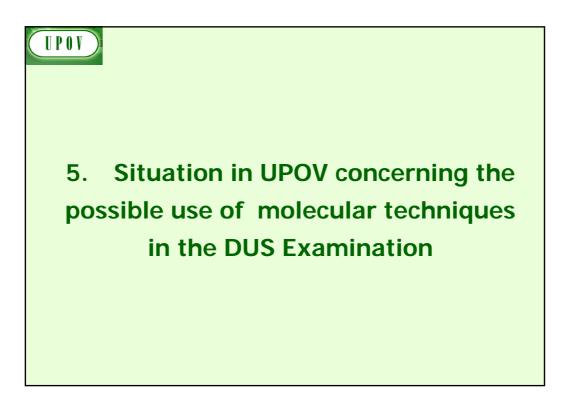
UPO	D Role of the BMT			
(see do	cument BMT/11/2: Annex, page 2)			
	AT is a group open to DUS experts, biochemical and molecular specialists and			
-	plant breeders, whose role is to:			
(i)	Review general developments in biochemical and molecular			
	techniques;			
(ii)	Maintain an awareness of relevant applications of biochemical and			
	molecular techniques in plant breeding;			
(iii)	Consider the possible application of biochemical and molecular			
	techniques in DUS testing and report its considerations to the TC;			
(iv)	If appropriate, establish guidelines for biochemical and molecular			
	methodologies and their harmonization [];			
(v)	Consider initiatives from TWPs, for the establishment of crop			
	specific subgroups [];			
(vi)	Develop guidelines regarding the management and harmonization of			
	databases of biochemical and molecular information, in conjunction			
	with the TWC;			
(vii)	Receive reports from Crop Subgroups and the BMT Review Group;			
(viii)	Provide a forum for discussion on the use of biochemical and			
	molecular techniques in the consideration of essential derivation and			
	variety identification.			

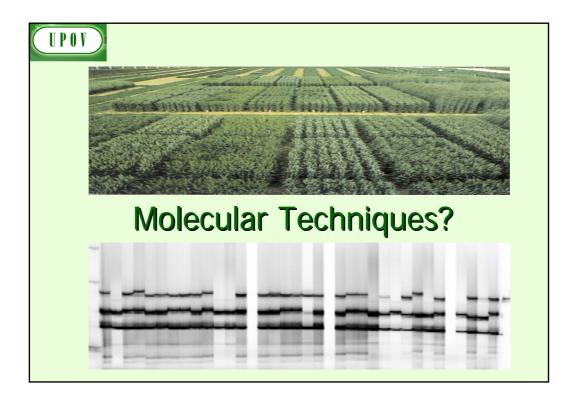
U	Role of the BMT
	Consider the possible application of biochemical and molecular techniques in DUS testing
The	<i>document BMT/11/2: Annex, page 2)</i> BMT is a group open to DUS experts, biochemical and molecular specialists and t breeders, whose role is to: []
(ii	Consider the possible application of biochemical and molecular techniques in DUS testing and report its considerations to the TC;
(v	Consider initiatives from TWPs, for the establishment of crop specific subgroups [];
(v .	i) Receive reports from Crop Subgroups and the BMT Review Group;
	=> BMT/11 agenda items 4, 6 and 13 and
	=> "Situation in UPOV concerning the possible use of molecular
	techniques in the DUS Examination" to follow

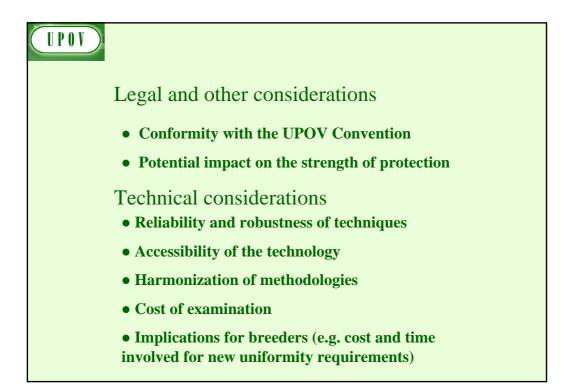


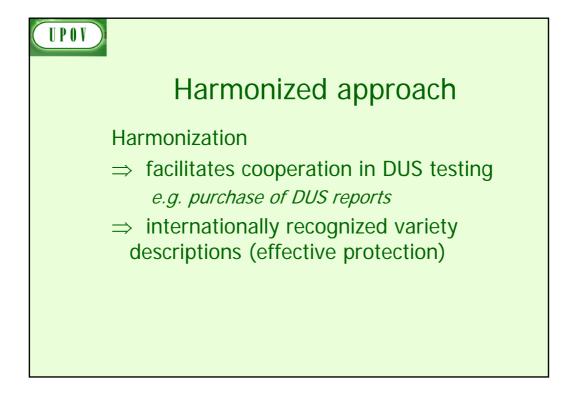


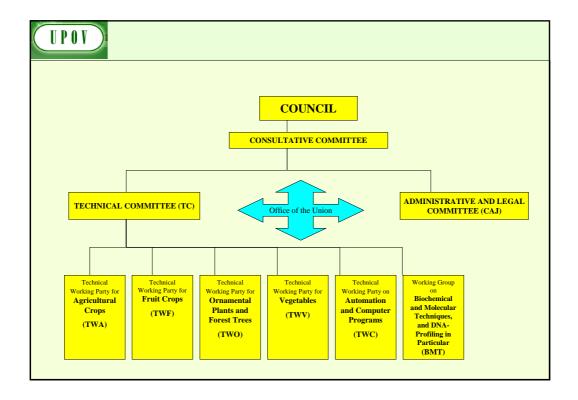


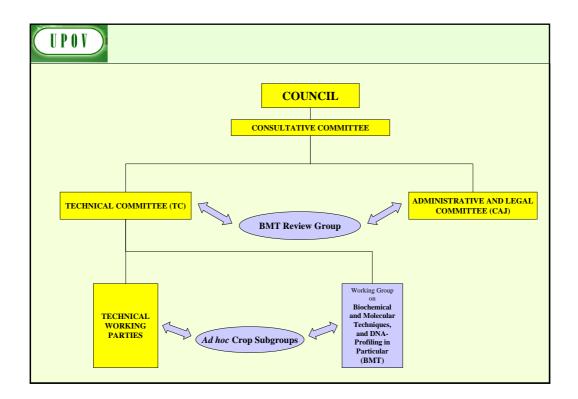


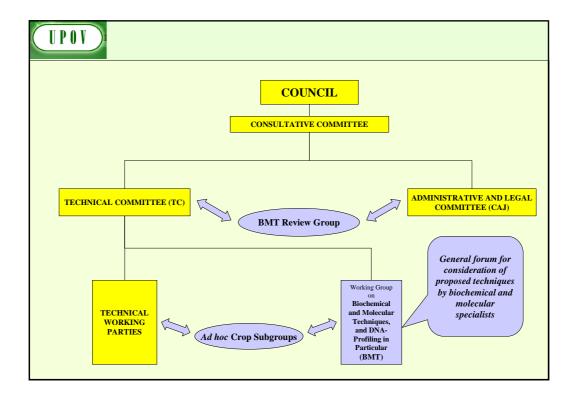


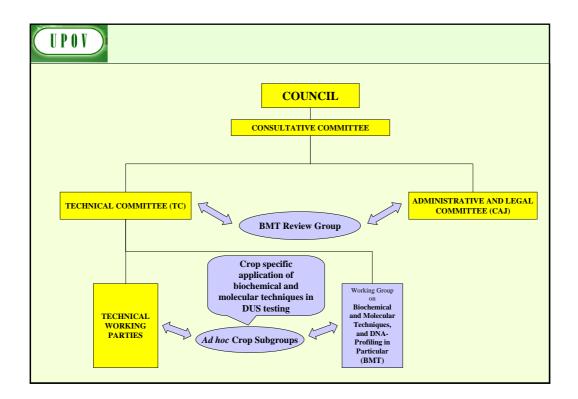


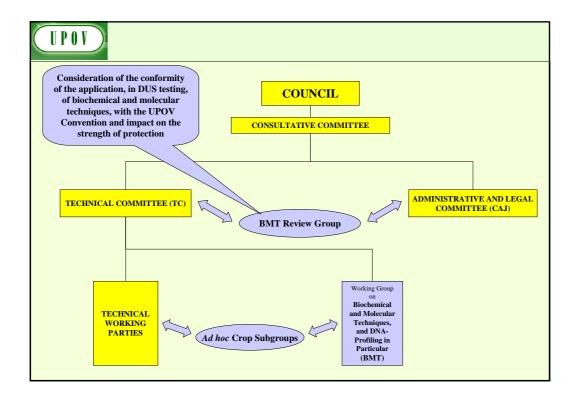


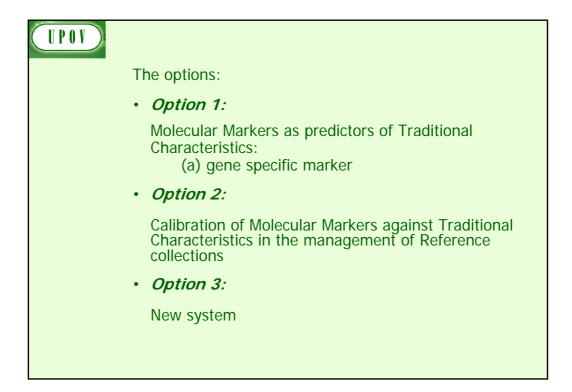


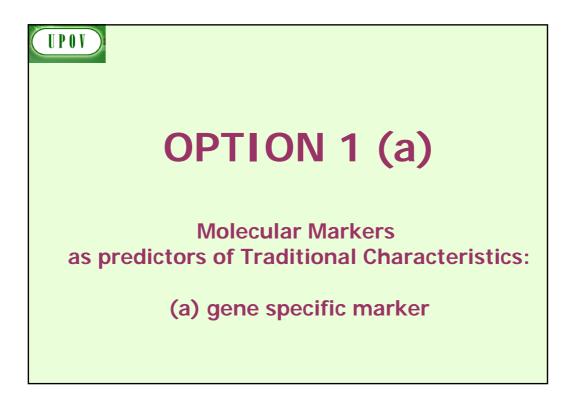


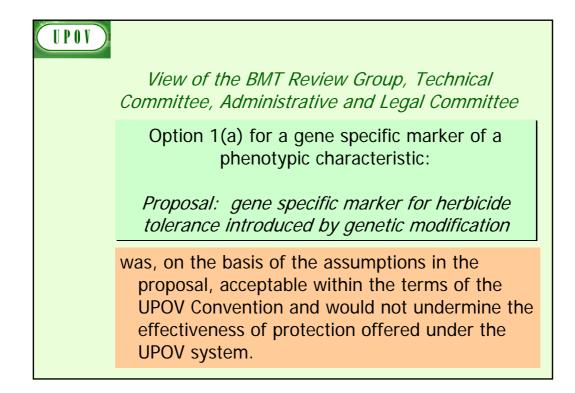




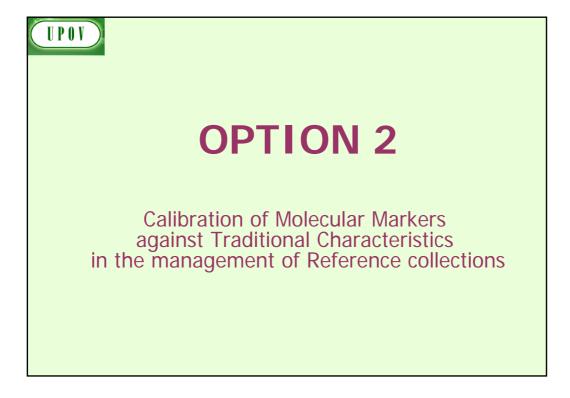


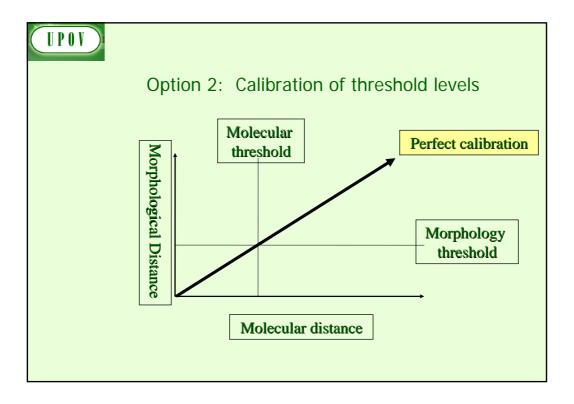


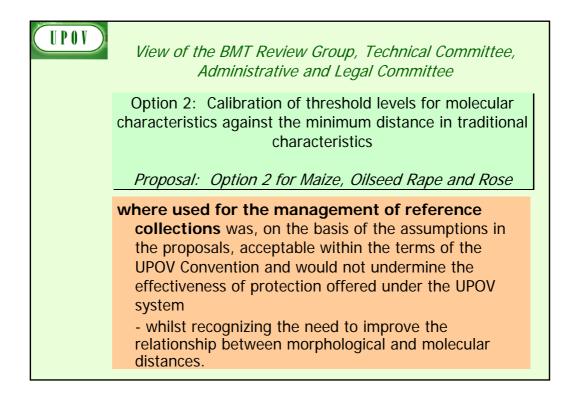


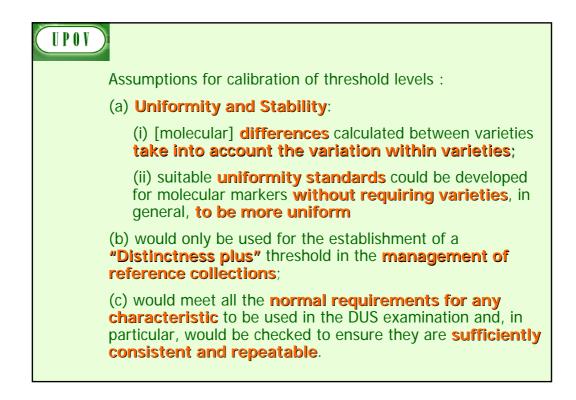


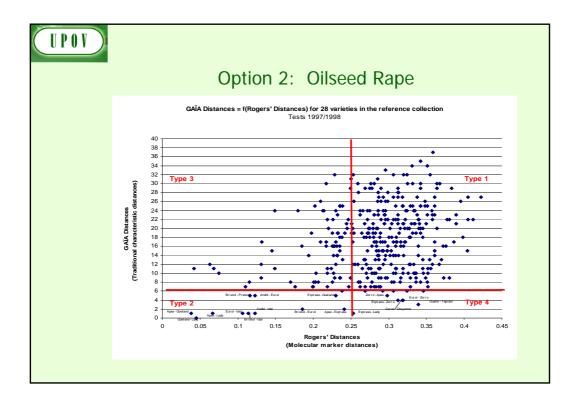
UPOV	Assumptions for a gene specific marker:
	(a) DUS examination : same no. of plants, growing cycles, DUS criteria;
	(b) Linkage: ensure that the marker is a reliable predictor;
	(c) Different markers for same gene would be treated as different methods for examining the same characteristic;
	(d) Different genes would be treated as different methods for examining the same characteristic;
	(e) Different markers linked to different regulatory elements for the same gene would all be treated as different methods for examining the same characteristic. (further consideration would be given to this matter at a later stage)

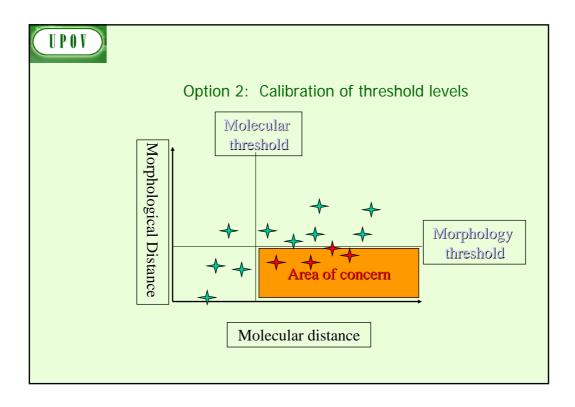


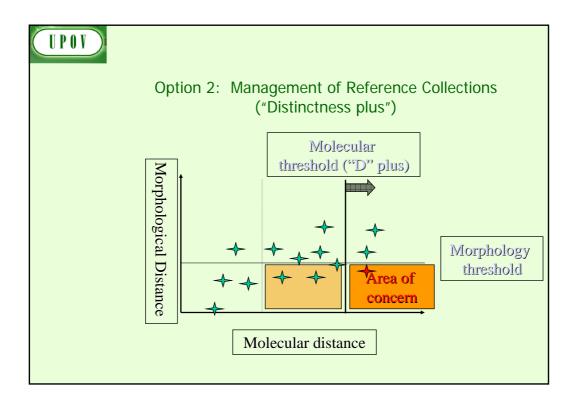


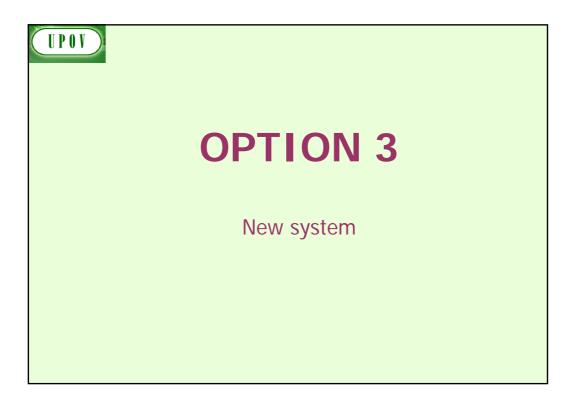


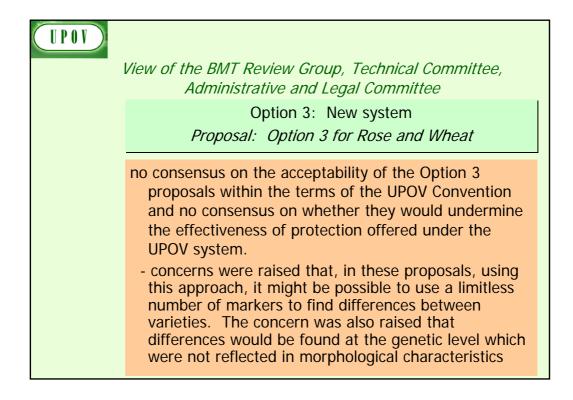


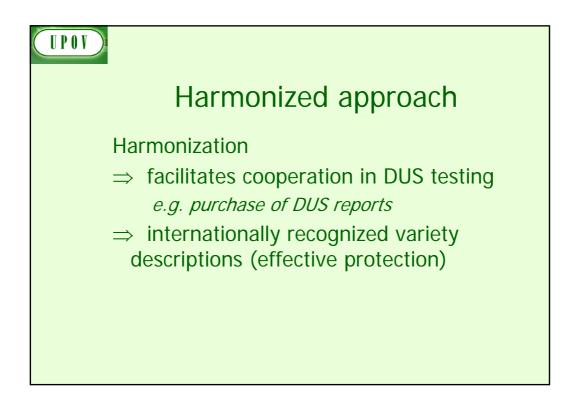


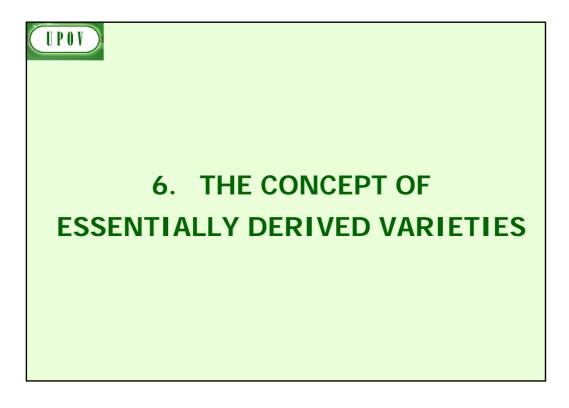


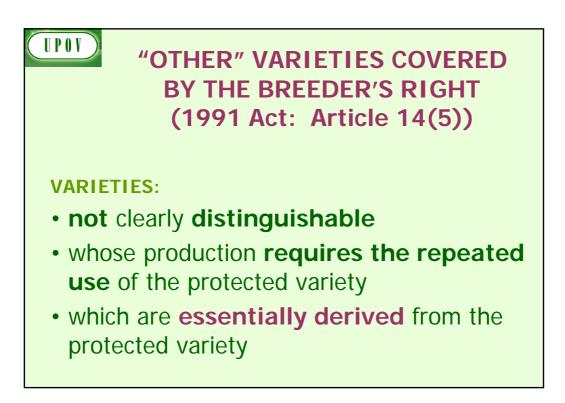




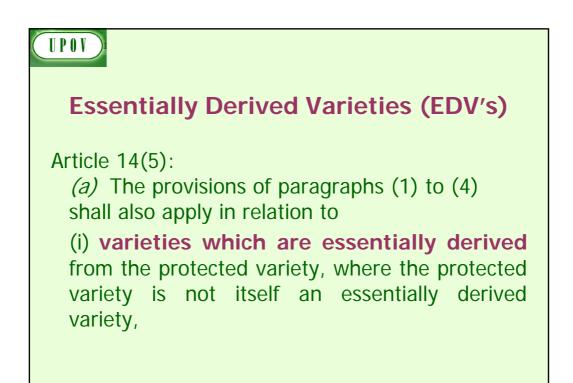


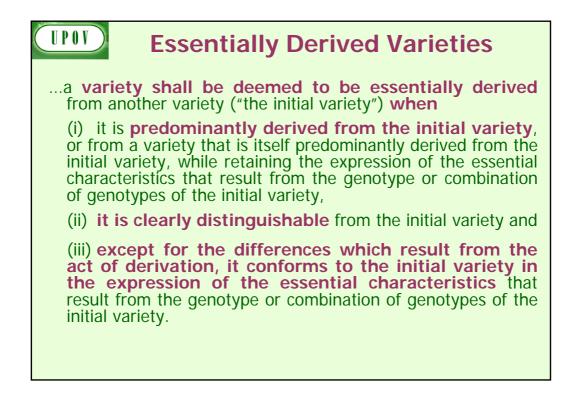


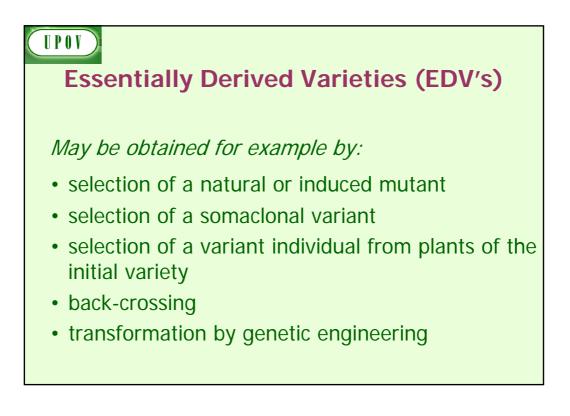


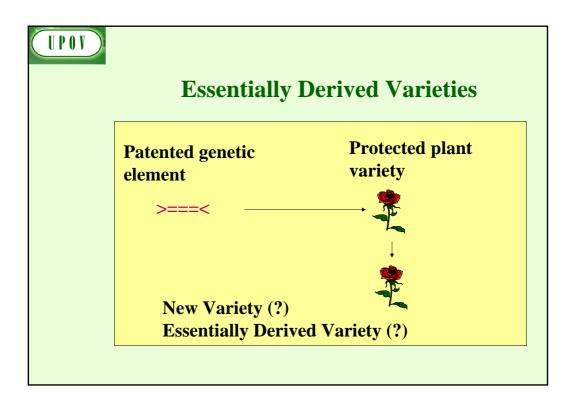


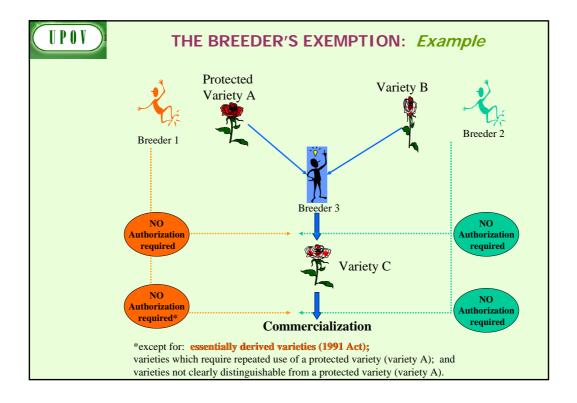


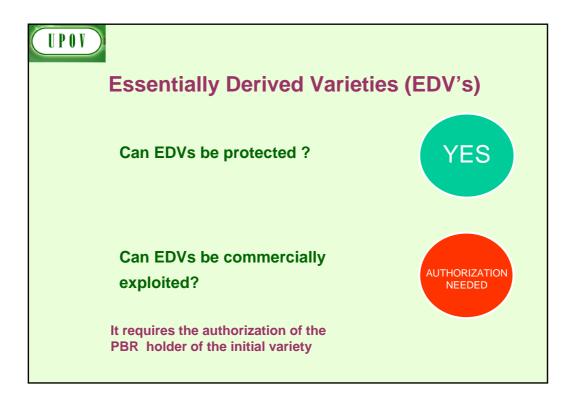


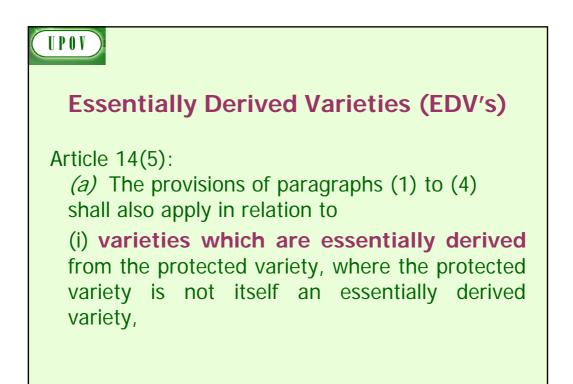


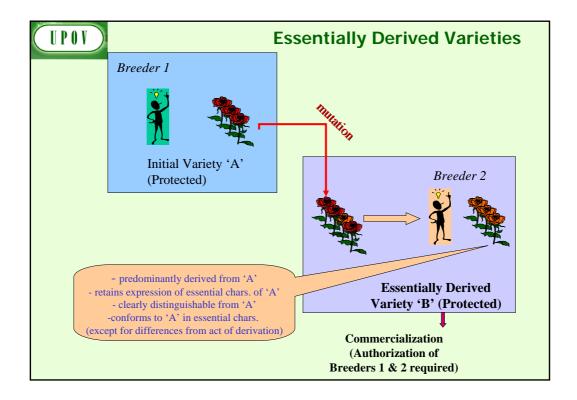


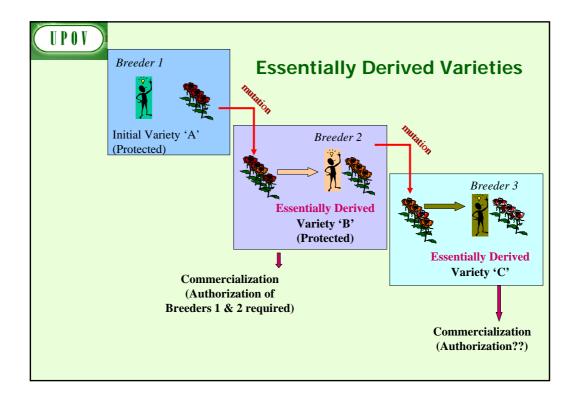




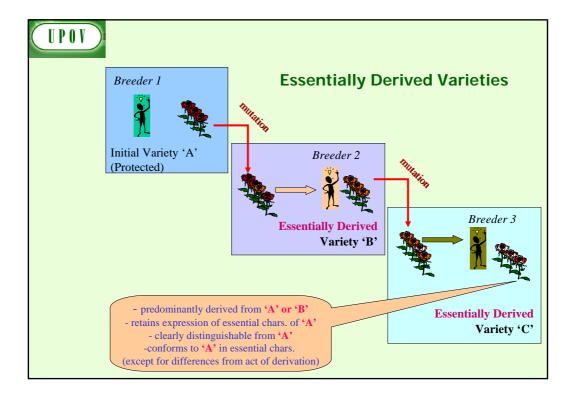


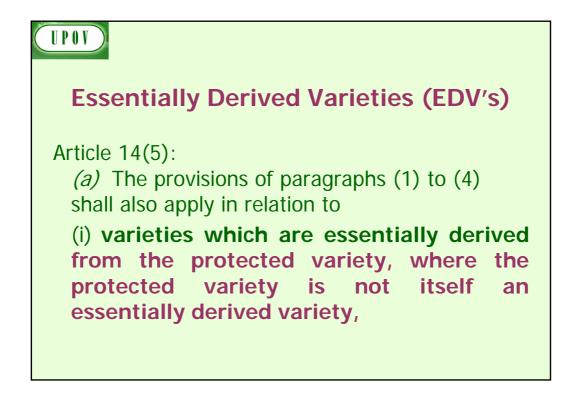


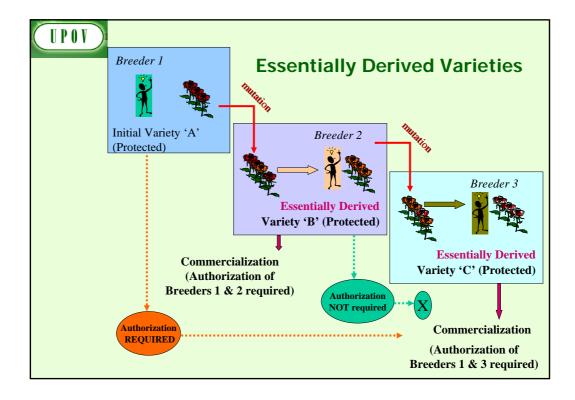


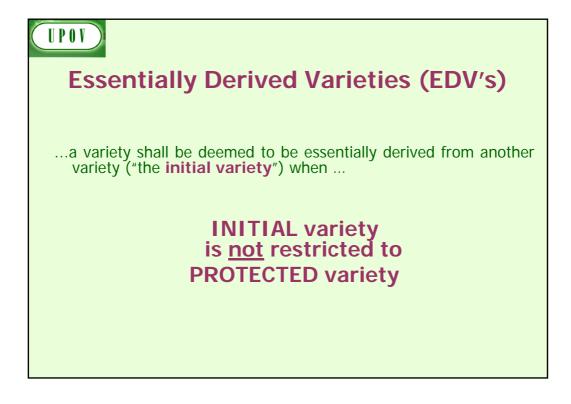


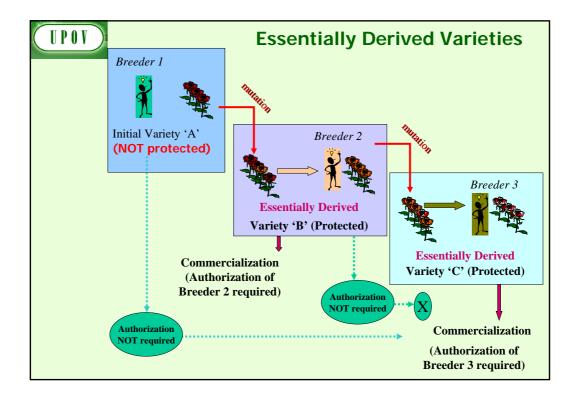
(Essentially Derived Varieties
	a variety shall be deemed to be essentially derived from another variety ("the initial variety") when
	(i) it is predominantly derived from the initial variety , or from a variety that is itself predominantly derived from the initial variety , while retaining the expression of the essential characteristics that result from the genotype or combination of genotypes of the initial variety,
	 (ii) it is clearly distinguishable from the INITIAL variety and
	(iii) except for the differences which result from the act of derivation, it conforms to the INITIAL variety in the expression of the essential characteristics that result from the genotype or combination of genotypes of the initial variety.

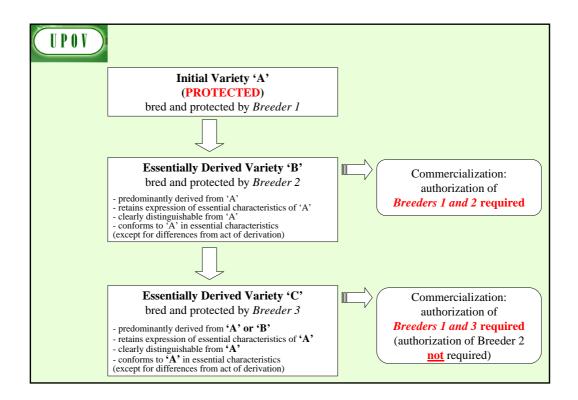


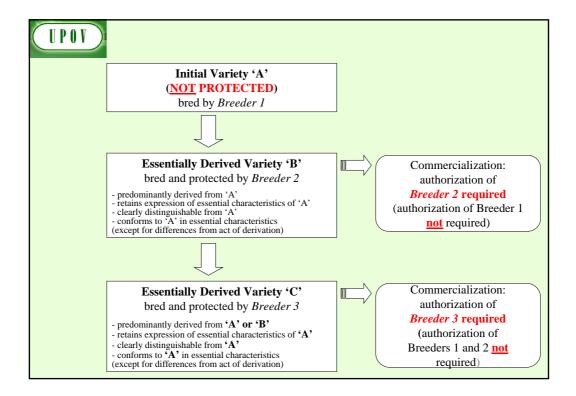


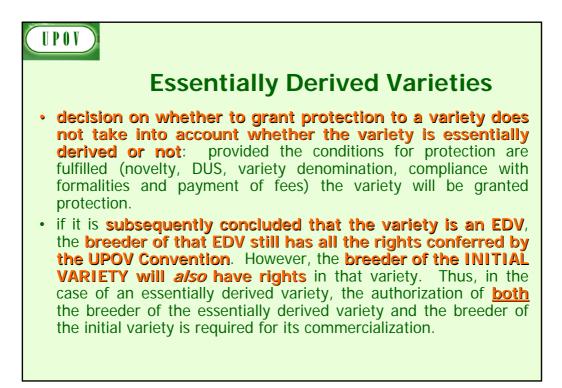


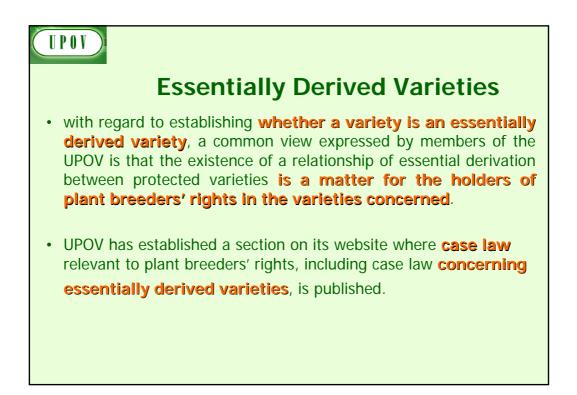


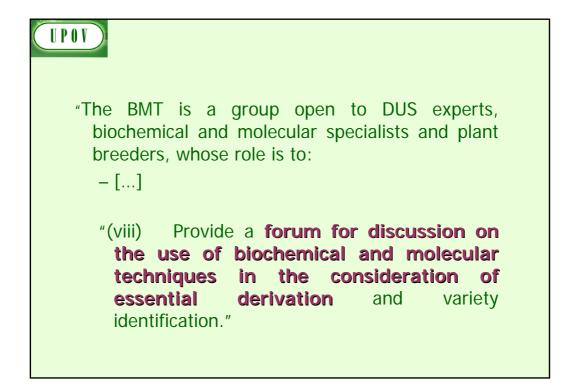


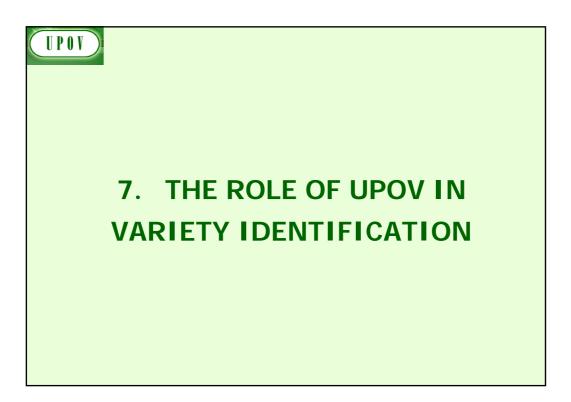


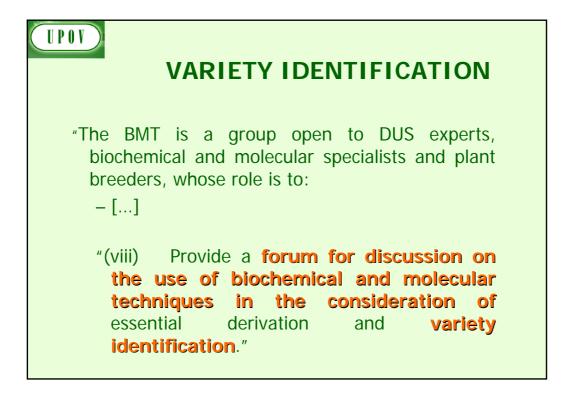


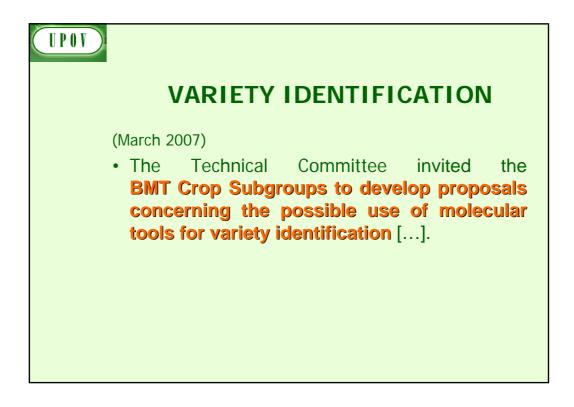


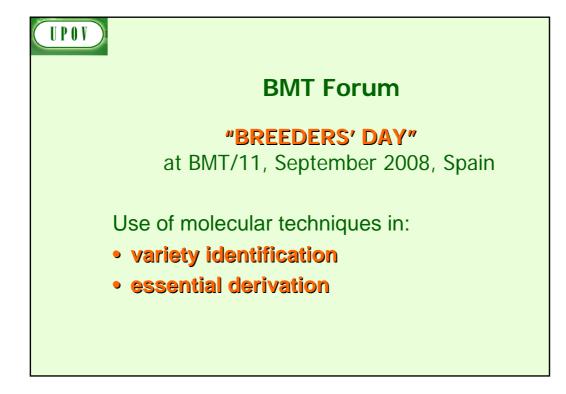


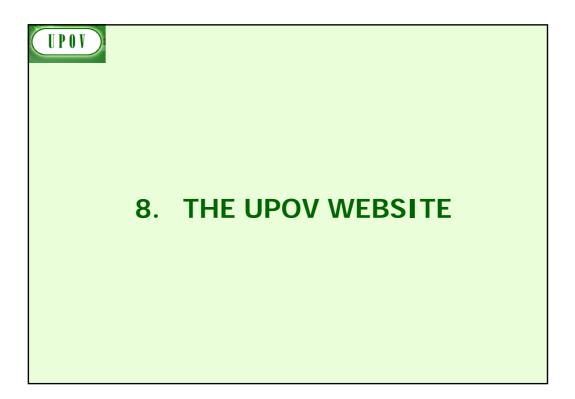




















	Key Issues		
	Impact Study	UPOV Report on the Impact of Plant Variety Protection (UPOV Publication 353(E)) (<u>Adobe PDE</u>)	
ł	Breeder's exemption	Breeder's exemption in the 1978 and the 1991 Act of the UPOV Convention ($(\mbox{AdobePDE})$	
	Notion of Breeder and Common Knowledge	The Notion of Breeder and Common Knowledge (Adobe PDF)	
	Genetic Resources and Benefit-Sharing	Letter to the Executive Secretary of the Secretariat of the Convention on Biological Diversity (CBD) containing a decision of the Council of UPOV for consideration by the Conference of Parties of the CBD at its ninth meeting to be held in Bonn, Germany, from May 19 to 30, 2008 (<u>adobe PDF</u>)	
		Access to Genetic Resources and Benefit-Sharing (Reply of UPOV to the Natification of April 12, 2005, from the Executive Secretary of the Convention allological Diversity (CBD)) (adobe_DDE)	
		Access to Genetic Resources and Benefit-Sharing (Reply of UPOV to the Notification of June 26, 2003, from the Executive Secretary of the Convention on Biological Diversity (CBD) (Adopted by the Council of UPOV, October 23, 2003)	
		UPOV and IPGRI to Intensify Cooperation: Meeting on May 13 and 14, 2004, at the International Plant Genetic Resources Institute (IPGRI), Maccarese (Rome). (<u>adobe PDF</u>)	
	Trade and Transfer of Technology	International Harmonization is Essential for Effective Plant Variety Protection and Transfer of Technology (Based on an intervention in the Council for TRIPS, September 19, 2002) (<u>Adoba EDE</u>)	
	Plant Biotechnology	WIPQ-UPQV Symposium on Intellectual Property Rights in Plant Biotechnology (Geneva, October 24, 2003)	
		WIPD-LHOU Symposium on the Co-existence of Patents and Plant Breeders' Biohts in the Promotion of Botechnological Developments (Geneva, O-tober 25, 2002)	
	Small and Medium Enterprises (SMEs)	Getting the Most of Out of Your New Plant Variety	



(UPOV)	INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS		
	HOME ABOUT UPOV UPOV DOCUMENTS PUBLICATIONS NEWS & EVENTS		
UPOV Convention	LIST OF UPOV PUBLICATIONS*		
List of Publications Gazette & Newsletter	The following UPOV publications are available on request:		
Laws & Treaties	Abbreviations:		
List of Taxa Protected			
Plant Variety	rabic, C = Chinese, D = Dutch, E = English, F = French, FEG = French/English/German, erman, I = Italian, J = Japanese, P = Portuquese, R = Russian, S = Spanish		
	a derman, i – italian, s – sapanose, i – Portuguese, k – kussian, s – spanisn		
General Introduction to DUS	221 (A) International Convention for the Protection		
TGP Documents	(C) Plants,		
Test Guidelines	(D) text of 1991 only (E)		
Practical Technical Knowledge	(F) (G)		
Cooperation in Examination	(I) (P)		
Plant Variety Database	(R) (S)		
Training courses			

