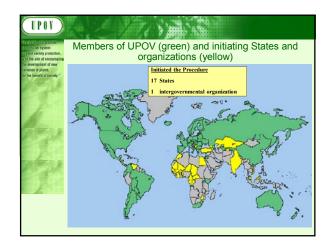
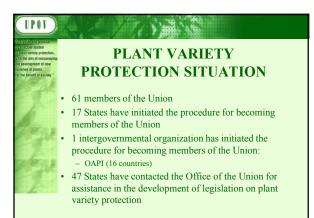
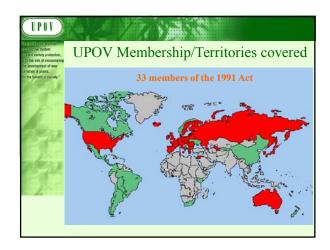


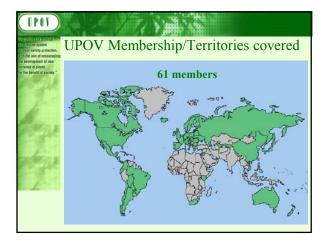
THE UNION Members of the Union States or Intergovernmental Organizations Permanent Organs of the Union The Council - consisting of the representatives of the members of the Union The Office of the Union - carries out all the duties and tasks entrusted to it by the Council

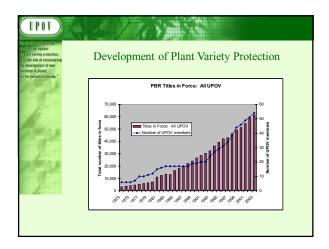
THOM						
If you want of your to be of bellies system in the list variety protection, with the site of encouraging the fervelopment of new		UPO	OV S	tructu	ire	
variaties of plants. for the benefit of acciety."				JNCIL		
1	[CONSULTATI	VE COMMITTEE	2	
TECHNICAL (T	COMMITTEE C)	Offi	ce of the	Union		IRATIVE AND MMITTEE (CAJ)
Technical	Technical	Technical	Technical	Technical	Working	
Working Party on Automation and Computer Programs	Technical Working Party for Agricultural Crops (TWA)	Technical Working Party for Fruit Crops (TWF)	Technical Working Party for Ornamental Plants and Forest Trees (TWO)	Technical Working Party for Vegetables (TWV)	Group on Biochemical and Molecular Techniques	
(TWC)					(BMT)	

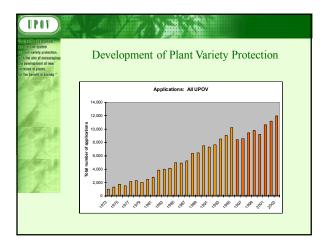




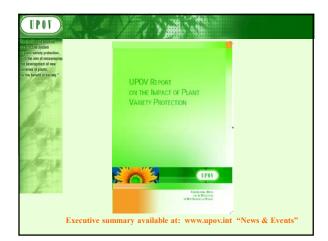


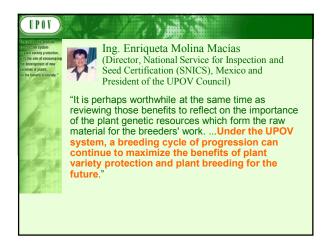


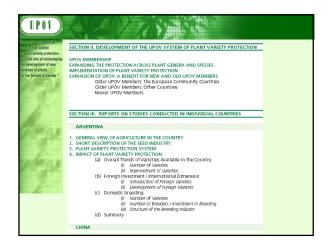


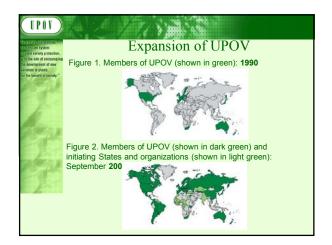




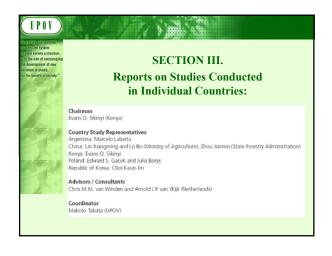


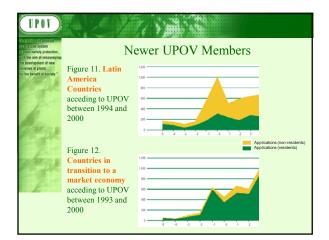




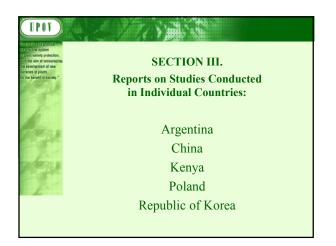


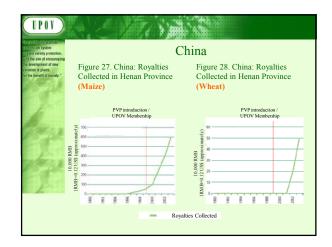
(IPOT)	
For evidence provide the effective system of plant variety protection,	Expansion of UPOV
with the aim of encouraging the development of new variables of planes.	Figure 5. Applications: All UPOV and CPVO: by region
for the benefit of anciety."	14,000
	10,00
R	6,00 Europe: European Community Europe: Non-European Community
199 2	4.00 — North America Asia / Pacific Latin America
14	Africa Reference in the second secon
	Extending coverage to plant genera and species:
	1975: 500 plant genera and species (approx.)
	1985: 900 1995: 1.300
	2005: 2,300





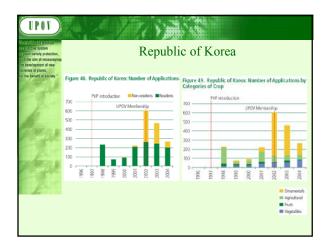


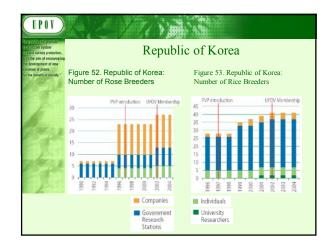


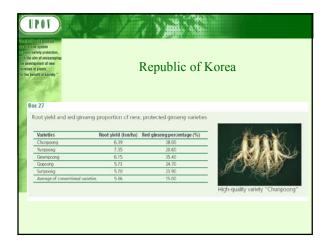


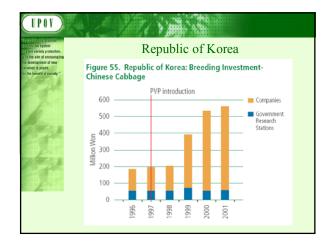
or processing process in the clive system to the clive system to the clive of encourseine	С	hina
the development of new variables of plants, for the benefit of society."	Figure 29. China: Number of Breeders in Henan Province (Maize)	Figure 30. China: Number of Breeders in Henan Province (Wheat)
A A A A	PVP introduction / UPOV Membership 45	PVP introduction / UPOV Membership

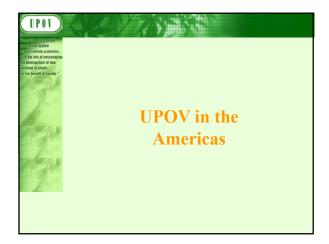










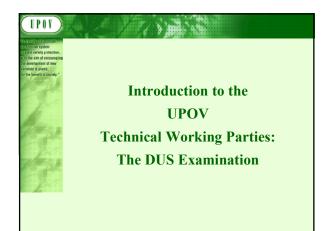


ctive en place in processorier an système state de protection s variétés végétales													
In d'encourager obtention de vaniétés ans l'inténtit de tous		BO	со	EC	NI	AR	BR	CL	мх	PA	PY	TT	UY
	Definitions	Х	X	X	Х	Х		X		Х		Х	X
	Provisional protection	х	х	х	х		х	х	х				х
2ª	Extension of the PBR to the harvested product	х	х	х									
	All genera and species	х	х	х	х	х		Х	х	Х	х		Х
	Limited farmers privilege	х	х	х	х								
1 - C	Duration: 20-25 years	х	х	х	х					х			
	Exhaustion of PBR	х	х	х	Х								Х
	E.D.V.	Х	Х	Х	Х		*						

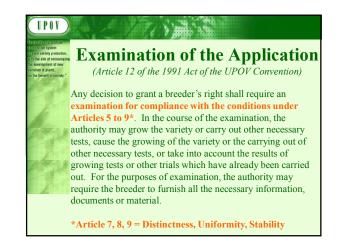


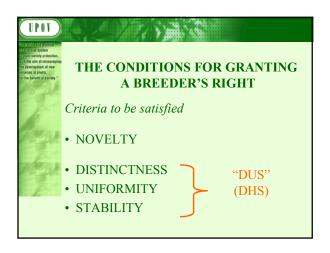
technic protect field w system and variety protect the aim of encour fevelopment of ne	oun, Ingingi		TW	P Ve	nues		
eties of plants, the benefit of a p		TWA	TWC	TWF	TWO	TWV	BMT
1	994	Spain	Israel	New Zealand	Australia	UK	France
1	995	Germany	Poland	UK	Ne the rlands	Ne the rlands	Netherlands
/ 1	996	Greece	Germany	Israel	Israel	Czech Rep.	
1	997	Uruguay	Hungary	Ne the rlands	Denmark	Spain	United Kingdon
1	998	France	Belgium	Australia	New Zealand	Poland	USA
1	999	Canada	Finland	Slovakia	Czech Rep.	Germany	
2	000	Sweden	Ukraine	Hungary	Hungary	France	France
2	001	Mexico	Czech Rep.	Spain	Japan	Italy	Germany
2	002	Brazil	Mexico	Argentina	Ecuador	Japan	
2	003	Japan	Denmark	Canada	Canada	Ne the rlands	Japan
2	004	Poland	Japan China (workshop)	Germany	Germany	Rep. of Korea	
2	005	New Zealand	Canada	Japan	Rep. of Korea	Slovakia	USA
2	006	China	Kenva	Brazil	Brazil	Mexico	Rep. of Korea

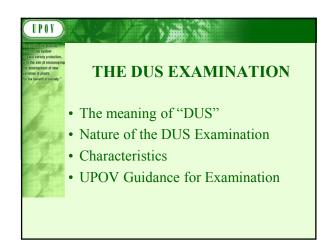


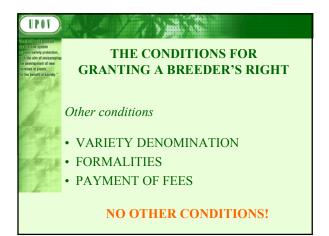


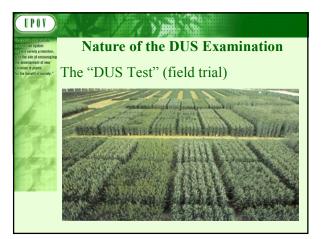
UPOV	
For a vace tell particular second class system (Fplinit variety protection, with the aim of encouraging the fereignment of new varieties of planes, for the level	UPOV Convention (1991 act):
	Chapter I - Definitions (breeders and varieties)
1 10	Chapter II - General Obligations
1º	- Genera and species to be protected
	 National treatment
1	Chapter III - Conditions for the Grant of the Breeder's Right
	• Chapter IV - Application for the Grant of the Breeder's Right (examination)
	Chapters V-VII - The Rights of the Breeder (scope, exceptions, etc.)
	• Chapters VIII - X - About the Union and the Convention

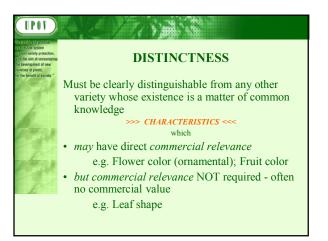




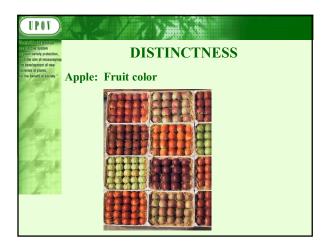








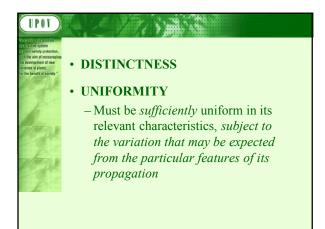


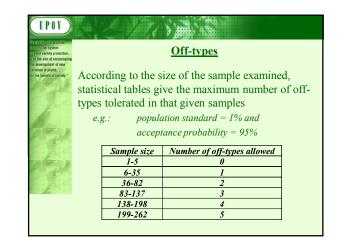


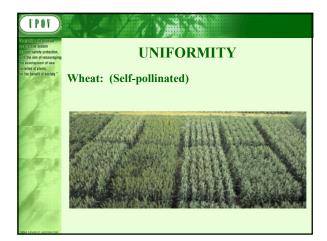


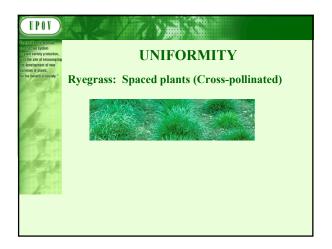


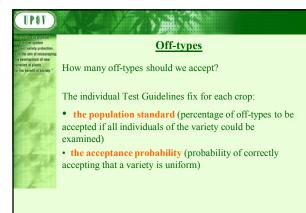




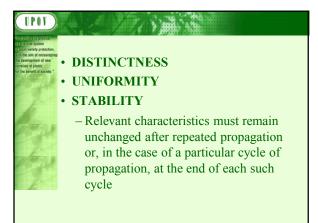


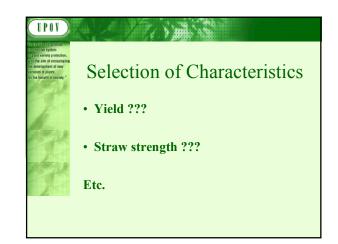


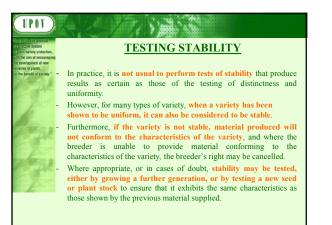




(IPOV)	
Construction of provide the effective system Trainel variety protection, in 25 the aim of encouraging the foreignment of one	Relative Tolerance Limits
vicioles di place. Ser las lanett di society *	Cross-pollinated varieties, including mainly cross- pollinated and synthetic varieties, generally exhibit wider variations within the variety than vegetatively propagated or self-pollinated varieties and inbred lines of hybrid varieties, and it is more difficult to determine off-types.
A A	Therefore, relative tolerance limits , for the range of variation, are set by comparison with comparable varieties, or types, already known.
	The candidate variety should not be significantly less uniform than the comparable varieties.

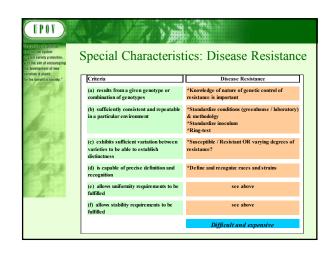


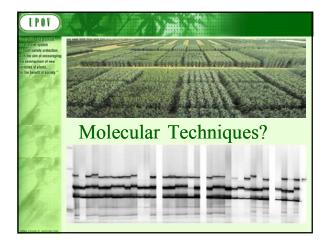


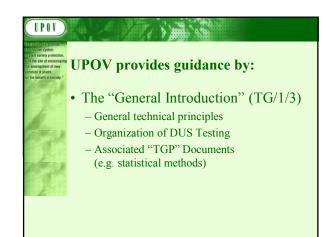


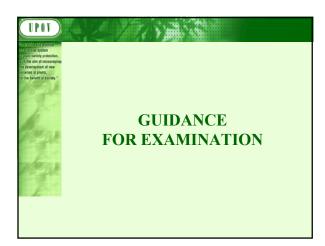
Implementation Critic ria Fruit: color Ear: glaucosity Vield Straw strength (a) results from a given genotype or combination of genotypes Ves Ves Ves Ves (b) sufficiently consistent and repeatable in a particular environment Ves Ves Ves (No) (c) exhibits sufficiently consistent and repeatable in a particular environment Ves Ves Ves 222 (d) is capable of precise de finition and recognition Ves Ves Ves 222 (d) is capable of precise de finition and fuffiled Ves Ves Ves 222 (r) allows sufformity requirements to be fuffiled Ves Ves Ves 222	UPOV PROZENTAL PROFILE ("Settive system paint variety protection, 3. The aim of encouraging	Selection	of Cha	aracteri	stics	
combination of genotypes Yes Ves Nes (b) sufficiently consistent and repeatable in a particular environment Yes Yes Nes (c) exhibits sufficient variation between varieties to be able to establish distanchess Yes Yes Yes (d) is capable of precise definition and recognition Yes Yes Yes No) (e) allows uniformity requirements to be fuffilled Yes Yes Yes 277 (f) allows tability requirements to be Yes Yes 272 277	development of new raties of plants,	Criteria	Fruit: color		Yield	Straw strength
in a particular environment Ves Ves 227 (c) exhibits sufficient variation between varieties to be abalishis Yes Yes 227 (d) is capable of precise definition and recognition Yes Yes (No) 277 (e) allows uniformity requirements to be fuffiled Yes Yes 278 277 (f) allows tability requirements to be Yes Yes 272 277	and the second s		Yes	Yes	Yes	Yes
varieties to be able to establish 111 111 111 distinctness (1) is capable of precise definition and (1) is capable of precise definition and (2) allows uniformity requirements to be fuffiled Yes Yes Yes (1) allows stability requirements to be fuffiled Yes Yes Yes 222	F		Yes	Yes	(No)	(No)
recognition (c) allows stability requirements to be Yes Yes 222 222 (fulfilled (fulfilled) Yes Yes 222 222	92	varieties to be able to establish	Yes	Yes	???	???
faifiled (f) allows stability requirements to be Yes Yes ??? ??? fulfiled			Yes	Yes	(No)	???
fulfiled	24		Yes	Yes	???	???
Commercial value Var No Var Var			Yes	Yes	???	???
		Commercial value	Yes	No	Yes	Yes

UPOV 18 **Selecting characteristics** The basic requirements that a characteristic should fulfill before it is used for DUS testing or producing a variety description are (TG/1/3: Section 4.2.1): that its. expression (a) results from a given genotype or combination of genotypes; (b) is sufficiently consistent and repeatable in a particular environment; (c) exhibits sufficient variation between varieties to be able to establish distinctness; (d) is capable of precise definition and recognition; (e) allows **uniformity requirements** to be fulfilled; (f) allows **stability requirements** to be fulfilled, meaning that it produces consistent and repeatable results after repeated propagation or, where appropriate, at the end of each cycle of propagation.

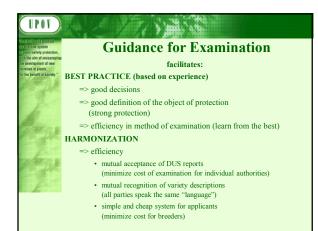


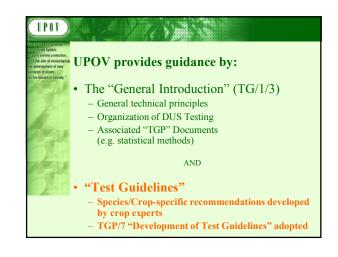


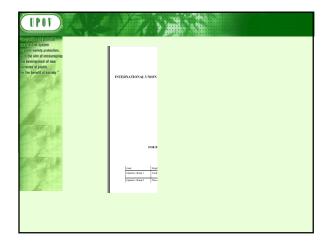


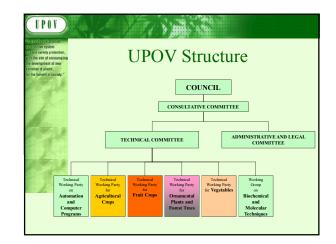


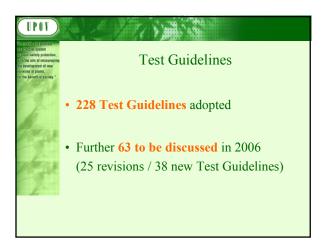
UPOV		
or second of provide to sective system splint variety protection, 15 the aim of encouraging		TG/1/3 General Introduction
te development of new anetxes of plants, or the benefit of society."		"Associated" TGP Documents
ALCONTROL M.	Ref.	Title
Contract States	TG/00	List of TGP Documents and Latest Issue Dates
	TGP/1	General Introduction With Explanations
1º	TGP/2	List of Test Guidelines Adopted by UPOV
	TGP/3	Varieties of Common Knowledge
	*TGP/4	Constitution and Management of Variety Collections
	TGP/5	Experience and Cooperation in DUS testing
	TGP/6	Arrangements for DUS testing
	TGP/7	Development of Test Guidelines
	TGP/8	Trial Design and Techniques Used in the Examination of DUS
	*TGP/9	Examining Distinctness
	*TGP/10	Examining Uniformity
	TGP/11	Examining Stability
	TGP/12	Special Characteristics
	TGP/13	Guidance for New Types and Species
	TGP/14	Glossary of Technical, Botanical and Statistical Terms Used in UPOV Documents
	TGP/15	New Types of Characteristics

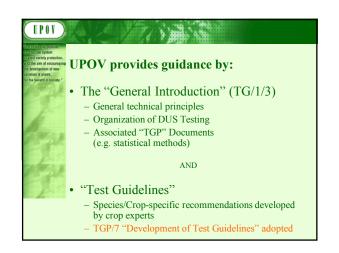


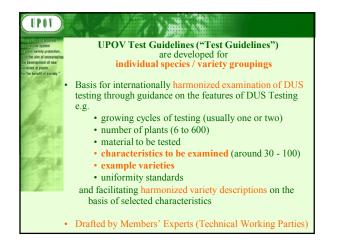


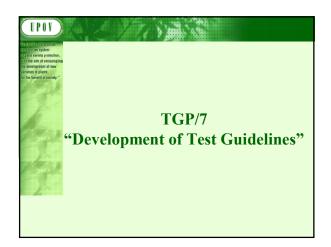






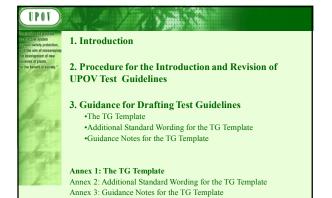






TLAL	
To provide a full provide the interctive system ("plant variety protection, "It's the aim of encouraging the development of new constance of plants."	1. Introduction
for the benefit of applicity."	Purpose of document TGP/7:
1	*to provide guidance on the development of <u>UPOV</u>
10	<u>Test Guidelines</u>
	 Procedure for the introduction and revision
	*Guidance for drafting
- <u>2</u> -	Standard format (template)
	 Standard wording
	to provide guidance on the development of
	individual authorities' test guidelines, in the absence
	of UPOV Test Guidelines

To a control process to the factor system To both watery protection, which the alm of encouraging the development of new varieties of places.	2. Procedure for the Introduction and Revision of UPOV Test Guidelines
or the benefit of anciety."	Step 1: Proposals for the Commissioning of Work
	Step 2: Approval of the Proposal
E	Step 3: Allocation of Drafting Work
	Step 4: Preparation of Draft TGs for the TWPs
1992 - C	Step 5: Consideration of the Draft TGs by the TWPs
	Step 6: Submission of Draft TGs by the TWP
199 A	Step 7: Consideration of Draft TGs by the Editorial
	Committee
	Step 8: Adoption of Draft TGs, by the Technical Committee



TPOT	2		
Topundation of provide	Step 1	Proposal	
The Elective system			
with the aim of encouraging the development of new	Step 2	TC	Observers
variations of plants, for the benefit of acciety."	1		
A CHERNER	Step 3	TC	Observers
to		Leading expert	
	 Step 4 	(Subgroup)	Observers
· · · · · · · · · · · · · · · · · · ·	Step 5	TWP	Observers
	Step 6	Secretariat	
	Step 7	TC-EDC	
	Step 8	ТС	Observers

Annex 4: Collection of Approved Characteristics

2. Procedure for the Introduction and

Revision of UPOV Test Guidelines

Rationale for the Procedure:

- TransparencyClear responsibility at each step
- Who prepares the draft

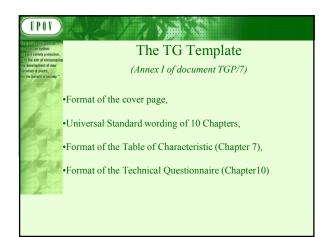
* Leading expert, interested experts to prepare a draft

- * Technical Working Party to establish a final draft
- * Technical Committee to adopt

Participation

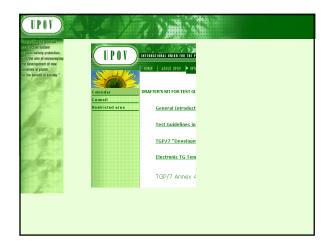
UPOV

- International non-governmental organizations, invited to sessions of Technical Working Parties and Technical Committee as observers
- UPOV regional Technical Meetings

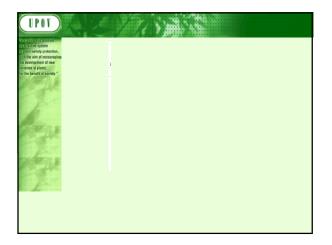


THOM		2				
For precide that provide cast indexide that provide of provide window protections, in 25 the wind of encouraging that for window of encour- variations of planes, for the barretit or section,"	NATIONAL U	NION FOR TH		DATE:	E (proj.2) AL: English 2004-06-10 JETHES OF PLANTS	
1			LUCERNE POV ode: MEDIC_SO (Mediago seria Land Mediago x weia Marty GUIDELINES THE CONDUCT OF	,		
	Tech	prop ical Working Parts	TNESS, UNIFORMITY areal by experits from to be considered by t for Agricultural Cro on , Poland, from Ja Abumative Names ²	Trance w n at in thirm-third i	anzion,	
	Hedrago antis L Hedrago x varia Matya The prevent Rengui periodo, to denity ago	, into datafoil pratical point optime characteristics for the	French Landme rhinner for prooples conte on the the homoscied counter contention of 2018 and probe associate the bottom in	ion of desinctory, uniformity ion of homonical voicty de N	r and stability (DUR) and, in any time.	
	Datasawa (Tarlonin) y 'Gonard Introduction') or Other associated UPAV de	nd Xabrility and the Develops of Internetictude "TCP" doesn warments		of New Yorkstern ("Pinets")	harinde selend is as for	

UPOT	
Exercise system Exercise system 13 the aim of encouraging the fevelopment of new vacables of plants,	10 Chapters of UPOV Test Guidelines
for the benefit of anciety."	1. Subject of the Test Guidelines
and the	2. Material Required
1 Ar	3. Methods of Examination
7.4	4. Assessment of Distinctness, Uniformity and Stability
1990	5. Grouping of Varieties and Organization of the Growing Trial
	6. Introduction to the Table of Characteristics
	7. Table of Characteristics
	8. Explanation on the Table of Characteristics
	9. Literature
	10. Technical Questionnaire

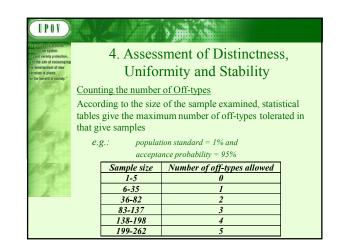


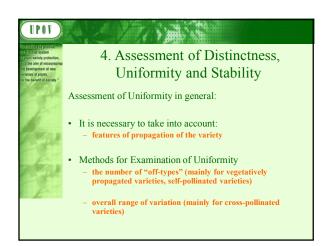
The Section System Typins I variety protection, To the aim of encouraging the Sevelopment of new practices of planas, for the benefit of society.*	1. Subject of These Guidelines These Test Guidelines apply to all varieties of {}
	<i>(examples)</i> • These Test Guidelines apply to all varieties of Oryza sativa L.
	• These Test Guidelines apply to all varieties of <i>Cichorium</i> <i>intybus</i> L. partim of the family <i>Compositae</i> , excluding witloof (TG/173/3) and leaf chicory (TG/154/3).

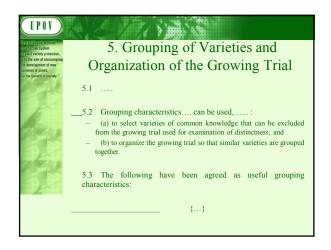


TLAL	
For excision of provide the result wave system (plant variety protection, (b) the aim of encouraging the fevelopment of new varieties of plants,	2. Material Required
	2.1 The competent authorities decide on the quantity and quality of the plant material required for testing the variety and when and where it is to be delivered. Applicants submitting material from a State other than that in which the testing takes place must ensure that all customs formalities and phytosanitary requirements are complied with.
it is	2.2The material is to be supplied in the form of {seed, tree, bulb}.
	2.3The minimum quantity of plant material, to be supplied by the applicant, should be:
	{200 g, 20, }.

(IPOT)	
Pay work of the process and reference system of plant working protection, with the aim of reconverging the ferentiquent of the two constraints of plants, for the learned of security."	3. Methods of Examination 3.1 Duration of Tests 3.2 Testing Place 3.3 Conditions for Conducting the Examination
	 [3.3.x Stage of development for the assessment] [3.3.x Type of observation – visual or measurement] 3.4 Test Design 3.5 Number of Plants / Parts of Plants to be Examined
	<u>3.6 Additional Tests</u>







STRUS SS

4. Assessment of Distinctness, Uniformity and Stability

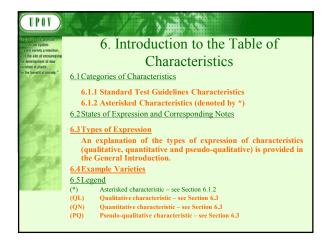
4.2 Uniformity

UPOV

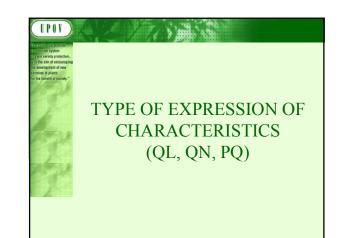
[4.2.1] It is of particular importance for users of these Test Guidelines to consult the General Introduction prior to making decisions regarding uniformity. However, the following points are provided for elaboration or emphasis in these Test Guidelines:

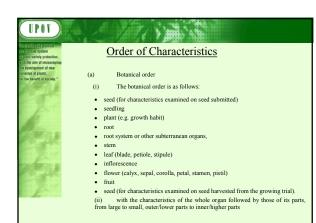
[4.2.x] Standard wording for cross-pollinated, hybrid, self-pollinated, vegetatively propagated varieties.

• [4.2.x] [For the assessment of uniformity, a population standard of { x }% and an acceptance probability of at least { y } % should be applied. In the case of a sample size of { a } plants, [{ b } off-types are] / [1 off-type is] allowed.]

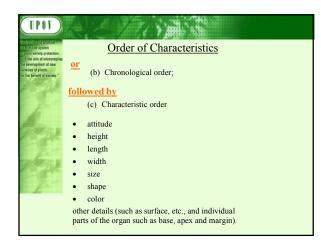


UPON Consector of provide restrictive system Transverse That wards protection, the han of econversion the development of new varianties of partici- tion the heredic of records, "	Form	nat o		Tab (Sect			aracte	eris	tic
1	Char. No. (*) (+) (QL/QN/PQ)		English	français	deutsch	español	Example Varieties/ Exemples/ Beispielssorten/ Variedades ejemplo	Note/ Nota	
	GN 18 Order of characteristics in the Table of Characteristic s)				(GN 24 Heading of a characteristic)	(GN 24 Heading of a characteristic)			
	Asterisked characteristics}	ons for	States of expression of a characteristic}	(GN 12 Example varieties)	Notes}				
	Explanation of the characteristic}	Growth stage}			States of expression of a characteristic}	States of expression of a characteristic}	(GN 12 Example varieties)	(GN 26 Notes)	
	(GIN 21) Type of expression of the characteristic}	(Other)	(GN 25 States of expression of a characteristic)	GIN 25 States of expression of a characteristic}	(GN 25 States of expression of a characteristic)	(GN 25 States of expression of a characteristic}	(BN 12 Example varieties)	Notes}	





Fry availating provide the effective system of conditive left protection.	Qualitative Characteristics
with the aim of encouraging the development of new	"Qualitative characteristics" are those that are
for the benefit of anciety."	expressed in discontinuous states (e.g. sex of
the set	plant: dioecious female (1), dioecious male (2),
1 per	monoecious unisexual (3), monoecious
A.	hermaphrodite (4)).
	These states are self-explanatory and
	independently meaningful. All states are
- 4	necessary to describe the full range of the
	characteristic, and every form of expression can be
	described by a single state. The order of states is
	not important. As a rule, the characteristics are
	not influenced by environment.



TLOL	
n y 2011 (k pall) Official spike (see a particular spike) Official spike (see a particular spike)	Qualitative Characteristics In qualitative characteristics, the difference between two varieties may be considered clear if one or more characteristics have expressions that fall into two different states in the Test Guidelines. Varieties should not be considered distinct for a qualitative characteristic if they have the same state of expression. (e.g. sex of plant: dioecious female (1), dioecious male (2), monoecious unisexual (3), monoecious hermaphrodite (4)).

Quantitative Characteristics

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"Quantitative characteristics" are those where the expression covers the full range of variation from one extreme to the other. The expression can be recorded on a one-dimensional, continuous or discrete, linear scale. The range of expression is divided into a number of states for the purpose of description (e.g. length of stem: very short (1), short (3), medium (5), long (7), very long (9)). The division seeks to provide, as far as is practical, an even distribution across the scale. The Test Guidelines do not specify the difference needed for distinctness. The states of expression should, however, be meaningful for DUS assessment.

plant variety protection, th the aim of encouraging a development of new scatters of plants,	Pseud	o-Qua	alitat	ive Characteristics	
e the benefit of acciety."		36. (*)	VG	Fruit: ground color of skin	
1º		PQ	(e)	not visible	
				whitish yellow	
				yellow	
				whitish green	
				yellow green	

CPUT The constraints of the con

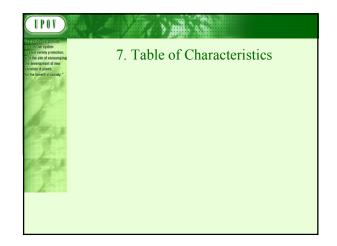
Conjection of product and accuracy productions of productions productions and accuracy productions of productions of productions to product accuracy of the productions of productions to accuracy of the productions of the production of the productions of the production of the productions of the production of the produ	<u>Pseudo-Qualitative Characteristics</u> A different state in the Test Guidelines may not b sufficient to establish distinctness (see als section 5.5.2.3). However, in certain circumstances varieties described by the same state of expressio may be clearly distinguishable.
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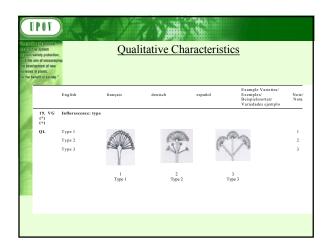
Pseudo-Qualitative Characteristics

In the case of "pseudo-qualitative characteristics," the range of expression is at least partly continuous, but varies in more than one dimension (e.g. shape: ovate (1), elliptic (2), circular (3), obovate (4)) and cannot be adequately described by just defining two ends of a linear range. In a similar way to qualitative (discontinuous) characteristics – hence the term "pseudo-qualitative" – each individual state of expression needs to be identified to adequately describe the range of the characteristic.



UP rectant rective sy out varies revelopm toes of pi ne berefit	ystem ly prote of encou ent of o ants,	chun, Iraging Ga	Qua	litative Ch	aracteristic	<u>s</u>	
Char No.	Method of	English	français	deutsch	español	Example Varieties/ Exemples/ Beispielssorten/ Variedades ejemple	Note/ Nota
1. (*)	MS C	Plant: ploidy					
QL		diploid					2
		tetraploid					4
3. (*)	VG	Stem: anthocyani coloration	n				
QL		absent				Gumpoong	1
		present				Chunpoong, Gopoong	9

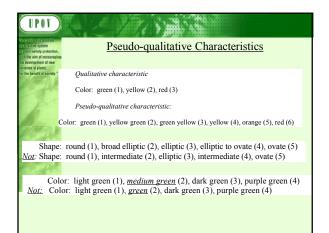
Clark system (Larker) production, is a king of concentration withorthant of new est of priorit. Interacting of security."	Quantitative (<u>5</u>
Standard Range	Standard Range	Standard Range	Standard Range
Version 1	Version 2	Version 3	Version 4
very weak	1 very weak	-	-
(or: absent or very weak)	(or: absent or very weak)		
8 weak	3 weak	3 weak	3 weak
5 medium	5 medium	5 medium	5 medium
7 strong	7 strong	7 strong	7 strong
very strong	-	9 very strong	-

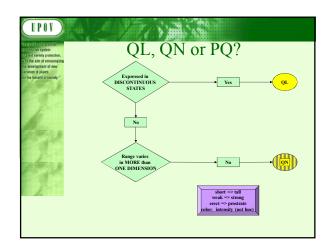


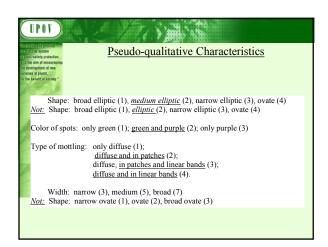
rotille an rotection, ncouragin		Quantitative	Characteristic	2 <u>S</u>
of new 9, 18ociety.*				
State	Example 1	Example 2	Example 3	Example 4
	Size relative to:	Angle:	Position:	Length in relation to
1	much smaller	very acute	at base	equal
3	moderately smaller	moderately acute	one quarter from base	slightly shorter
5	same size	right angle	in middle	moderately shorter
7	moderately larger	moderately obtuse	one quarter from apex end	much shorter
9	much larger	very obtuse	at apex	very much shorter

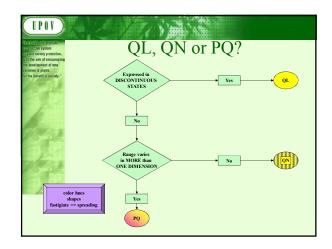
provides tol provide effective system quart variety protection, 15 the aim of encouraging a fevelopment of new		Quantitative	Charac	teristics			
neties of plants, The benefit of acciety."	weak/strong						
The benefit of accusty."	short/long small/large						
and the second second							
and the second se							
	Note	State	Note	State			
	1	very weak	1	very small			
a mare -		(or: absent or very weak)		(or: absent or very small)			
	2	very weak to weak	2	very small to small			
	3	weak	3	small			
	4	weak to medium	4	small to medium			
a and a second	5	medium	5	medium			
	6	medium to strong	6	medium to large			
	7	strong	7	large			
	8	strong to very strong	8	large to very large			
	9	very strong	9	very large			

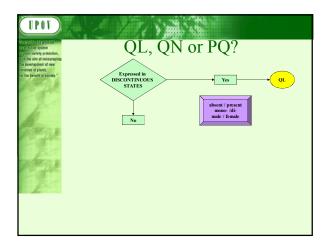
e aim of en velopment o es of plants	nection, coursping: f new		tative C mited ra	<u>Characteristics</u>
berefit of a	ociety."	State Example 1 Stem: attitue 1 erect		ıde
£	6		3 semi-erect 5 prostrate	
r		Co	ndensed	
	Example 1			Example 2
	e.g. absent or very weak (absent or very weakly expressed)			 e.g. absent or weak (absent or weakly expressed)
2		2 weak		2 moderate (or medium) (moderately expressed)

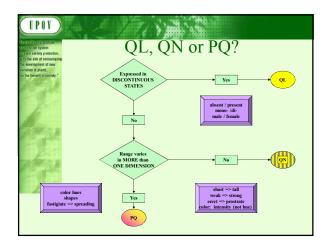


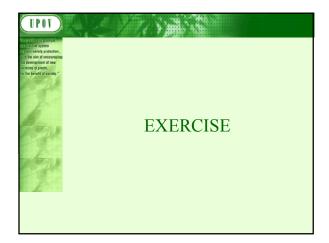




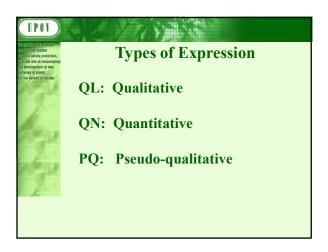




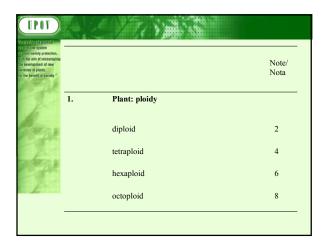




(TPOT)			
For a vocale and a promotion one of Pathow system () along various protection, with the aim of encouraging the development of new yarrantees of planes. So the barreds of accisity. ²⁵	1.	Leaf sheath: anthocyanin color	ration
The second		absent or very weak	1
r an		weak	3
		medium	5
		strong	7
		very strong	9
		very strong	



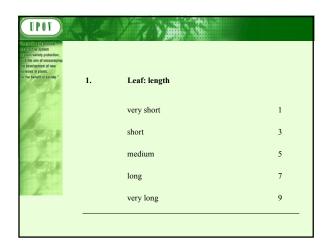
	2	1. Saist	
The DECLAR system () paint variety protection, () 3: the aim of encouraging the development of new variations of plans, for the banefit of society."			
A STAR	1.	Leaf blade: folding	
		closed	1
		open	2



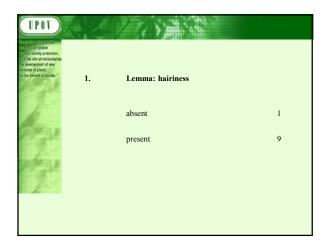
UPON Convoident of ground the decide mysion cylinat varies protection, mysion be aim of encourages to development of new virtuates of planes, to the barried concerning."	1				
	1.	Plant	: rhizomes		
		absen	ıt	1	
		prese	nt	9	
					-

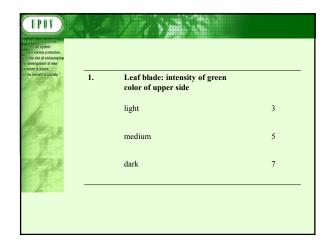
UPOV		170 DE	
the first write protection, 1 unit variety protection, 1 the aim of encounging the forwingsmost of new variances of plans, for the benefit of acciety."	1.	Plant: growth habit	
1º		erect	1
1990		semi erect	3
		medium	5
		semi prostrate	7
		prostrate	9

() a vector of () prime tak ter of ective system () and vectoring protection, () the aim of encouraging the development of new anatoes of places, or the benefit of society."	1.	Tree: distribution of flower buds	
12		predominantly on spurs	1
kan.		equally on spurs and on one-year- old shoots	2
		predominantly on one-year-old shoots	3
S.			



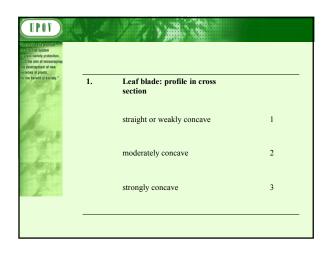
	an anna chuir anna anna anna anna anna anna anna an	
1.	Leaf blade: ratio length/width	
	very small	1
	small	3
	medium	5
	large	7
	very large	9
	1.	very small small medium large





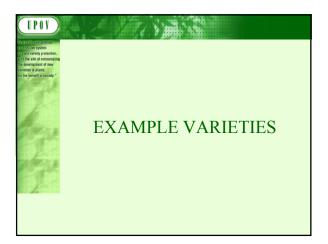
UPON Providential provide an initial we system Thinks we system			
 Chitte aim of encouraging the development of new yanatues of plants, for the barrefit of society." 	1.	Leaf blade: shape of base	
1º		acute	1
e e e e e e e e e e e e e e e e e e e		obtuse	2
		truncate	3
		cordate	4

Epinet variety protection, 125 the aim of encouraging the fervelopment of new arretnes of plants.			
or the benefit of acciety."	1.	Petal: shape (excluding claw)	
		broad elliptic	1
		circular	2
		oblate	3

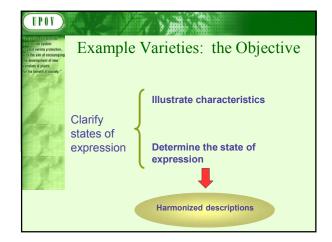


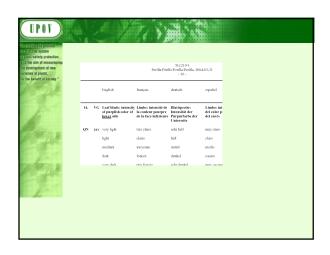
UPOV For payleters of provide registretive system registretive system			
23 the aim of recoursping the tevelopment of new variables of planes. So the benefit of society."	1.	Petal: color on lower side	
		white	1
		light pink	2
		dark pink	3

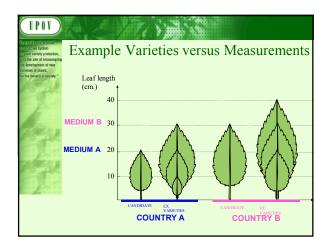
UPON For word with protection are interface system (Fight varies) protection, (Fight varies) protectio	12		
vanishes of planes, for the benefit of society."	1.	Flower: position of stigma relative to anthers	
600		below	1
12		same level	2
		above	3

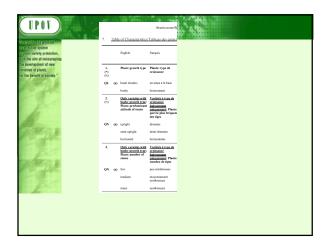


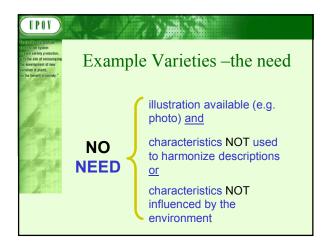
English français D. 1. Section Semence confer Se viha binche vi yellow janc ge 2. Secting (*) Secting Planter: binche vi abort abort for down abort for preset pristerio	ATE/ protector winty protector, aim of encouraging spotent of new of plants,	7. <u>T</u>	able of Character	Lettu istics/Tableau des ea		PF, 414.00	
(*) white binche w yellow jame ge binck noire se * (*) (*) estimation provide se * (*) estimation provide se * (*) estimation provide se * * estimation provide se * estimation provide se estimation provi	erefit at society."		English	français	Di		
ycllow janne pe black noive se 2. (*) Selassynah (*) obert absent 6d	1	1. (*)	Seed: color	Semence: couleur	Sa		
black noire sc 2. Seeding: (*) Plantle: plantle: colorition Ko (*) ashbeynin plantle: plantle: absorte Ko			white	blanche	w		
2. Secting: (*) Plantifi: pignetation anthrysping/ dbott Ka pignetation Ar anthrysping/ fig dbott absorte fd			yellow	jaune	ge		
(*) athecyanic pipmentation athecyanic A (*) coloration athecyanic fd descrit abserts fd			black	noire	ĸ		
		(*)	anthocyanin	pigmentation			
present présente vo			absent	absente	61		
			present	présente	vo		



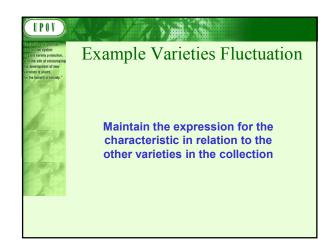


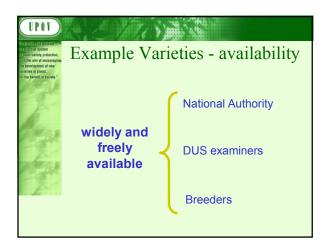


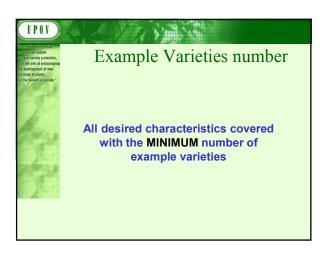


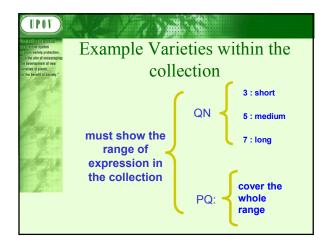


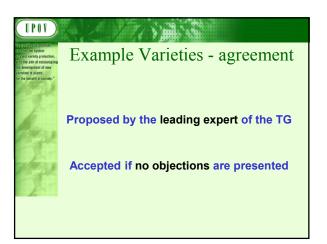
(IPOT)		
For a code of a provide rate relative system is plant variety protection, or its the air of encouraging the development of new variations of plants,	Exampl	e Varieties – the need
for the latered or recise."		in characteristics USED TO HARMONIZE descriptions
de po	NEED -	and WHICHARE influenced by the environment

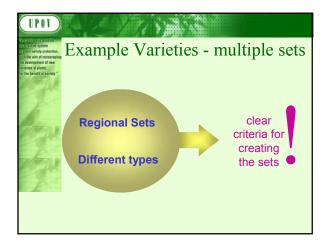


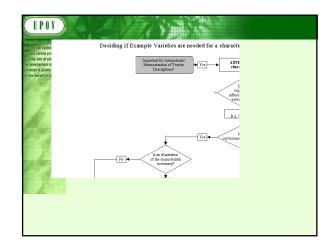


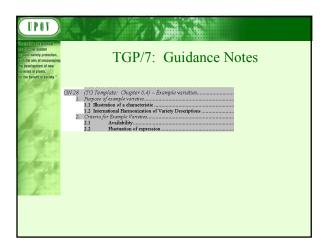


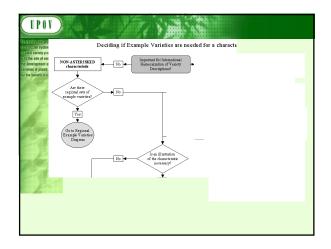


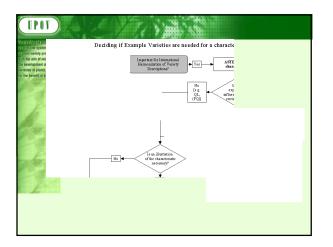


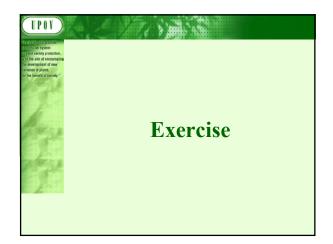






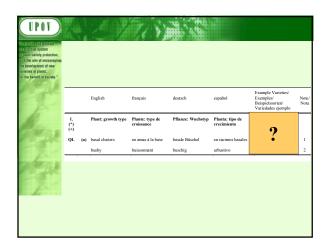






UPON For weekenst provide the field we system That the almost encourage in the ferent potention, with the almost encourage in the ferent potention, the f			2	7.8¥				
a for			English	français	deutsch	español	Example Varieties/ Exemples/ Beispielssorten/ Variedades ejemplo	Note/ Nota
h.	4. (*) (+)		Plant: height including flowers	Plante: hauteur, fleurs comprises	Pflanze: Höhe einschließlich Blüter	Planta: altura, i incluidas las flores		
	QN	(a)	short	basse	niedrig	corta	?	3
			medium	moyenne	mittel	media	•	5
- <u>1</u>			tall	élevée	hoch	larga		7

An analysis of provide the declare system in the provide protection, this the aim of encouraging the fermioprism of new protoes of plans, or the barrelst of society."					2011 - COLUMN			
1 the			English	français	deutsch	español	Example Varieties/ Exemples/ Beispielssorten/ Variedades ejemplo	No
and the second	5. (*) (+)	-	Plant: width including flowers	Plante: largeur, fleurs comprises	Pflanze: Breite einschließlich Blüten	Planta: anchura, incluidas las flores		
	QN	(a)	narrow	étroite	schmal	estrecha	?	3
			medium	moyenne	mittel	media	•	4
			broad	large	breit	ancha		
<i>1</i> 2								



UPOV Construction types The structure types That consequents the two structures the two structures t				it (S)				
1º			English	français	deutsch	español	Example Varieties/ Exemples/ Beispielssorten/ Variedades ejemplo	Note/ Nota
	9. (*) (+)		Leaf: margins	Feuille: bords	Blatt: Ränder	Hoja: borde del limbo	•	
	QL	(a) (b)	entire	entiers	ganzrandig	entero	?	1
			divided	découpés	eingeschnitten	dividido		2

EPO VICENTE The vicent of protection (1) Infly variety protection, (1) Infly variety protection, (2) Infly variety protection, (3) Infly variety protection, (4) Infly variety prote			24	7.8				
			English	français	deutsch	español	Example Varieties/ Exemples/ Beispielssorten/ Variedades ejemplo	Note/ Nota
	2. (+)		Only varieties with hushy growth type: Plant: predominant attitude of stems	Variétés à type de croissance buissonnant uniquement: Plante: port le plus fréquent des tiges	Nur Sorten mit huschigem Wuchstyp: Pflanze: vorwiegende Haltung der Triebe	Sólo variedades con tipo de crecimiento arbustivo: Planta: porte predominante de los tallos	9	
	QN	(a)	upright	dressées	aufrecht	erecto	•	1
			semi upright	demi-dressées	halbaufrecht	semierecto		3
1. Sec. 1.			horizontal	horizontales	waagerecht	horizontal		5

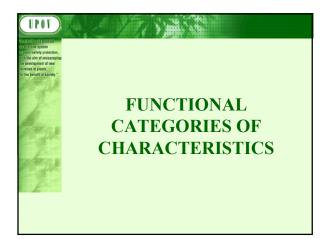
For a vision of provide the field we system (1) and variety protection, (1) and variety protection, (1) the aim of encouraging the development of new variaties of plants, for the benefit of society."								
17 P			English	français	deutsch	español	Example Varieties/ Exemples/ Beispielssorten/ Variedades ejemplo	Note Nota
A.	7. (*) (+)		Leaf: length	Feuille: longueur	Blatt: Länge	Hoja: longitud		
1992 - B	QN	(a) (b)	short	courte	kurz	corta	9	3
			medium	moyenne	mittel	media	é	5
297			long	longue	lang	larga		7
			very long	très longue	sehr lang	muy larga		9

UPOT Several protection provide of the protection p	X			7.84				
1º			English	français	deutsch	español	Example Varieties/ Exemples/ Beispielssorten/ Variedades ejemplo	Not
n an	20. (+)		Flower: bud color	Fleur: couleur du bouton	Blüte: Farbe der Knospe	Flor: color del botón floral		
2.	PQ	(c)	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte: (Nummer angeben)	Carta de colores RHS (indiquese el número de referencia)	?	
1								

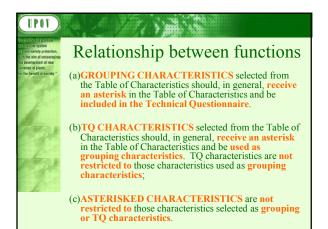
Effective system (plant variety protection, 15) the aim of encouraging to (evelopment of new anoties of plants, or the benefit of acciety."	~	Indard les Characteristic
and the second	Function	Criteria
	 Characteristics that are accepted by UPOV for examination of DUS and from which members of the Union can select those suitable for their particular circumstances. 	 Must satisfy the criteria for use of any characteristic for DUS as set out in Chapter 4, section 4.2. Must have been used to develop a variety description by at least one member of the Union. Where there is a long list of such characteristics and, where considered appropriate, there may be an indication o the extent of use of each characteristic.

interior and provide								
) and variety protection, 3 the aim of encouraging								
to be welcoment of new returns of plants. The benefit of acciety."			English	français	deutsch	español	Example Varieties/ Exemples/ Beispielssorten/ Variedades ejemplo	Nol No
2	10. (*) (+)		Only varieties with entire leaf margins: Leaf: shape	Variétés à bords des feuilles entiers uniquement: Feuille forme	ganzrandigen	Sólo variedades con borde de limbo <u>entero</u> : Hoja: forma		
	PQ	(a) (b)	ovate	ovale	eiförmig	oval		1
		(0)	linear	linéaire	linear	lineal		2
			oblong	oblongue	länglich	oblonga	0	3
			elliptic	elliptique	elliptisch	eliptica		4
^			circular	circulaire	kreisförmig	circular		5
			oblanceolate	oblancéolée	verkehrt lanzettlich	obolanceolada		6
			obovate	obovale	verkehrt eiförmig	oboval		7
			spatulate	spatulée	spatelförmig	espatulada		8
			obtriangular	obtriangulaire	verkehrt dreieckig	obtriangular		9

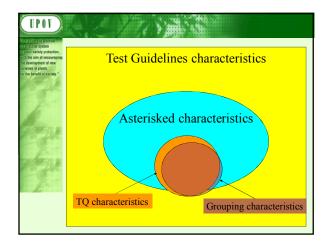
The Declive system Thint variety protection, Thin a sim of encouraging to development of new ametics of plants, or the benefit of society."	Asterisked	Characteristic
	Function	Criteria
And a	 Characteristics that are important for the international harmonization of variety descriptions. 	 Must be a characteristic included in the Test Guidelines. Should always be examined for DUS and included in the variety description by all members of the Union except when the state of expression of a preceding characteristic or regional environmental conditions render this inappropriate. Must be useful for function 1. Particular care should be taken before selection of disease resistance characteristics.



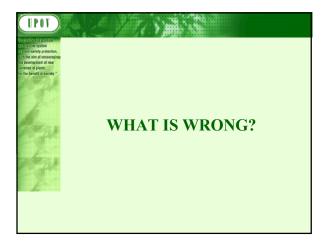
The Second protocol The Second	Grouping	Characteristic
raties of plants, The benefit of society."	Function	Criteria
and the second s	 characteristics in which the documented states of expression, even where recorded at different locations, can be used either individually or in combination with other such characteristics: (a) to select varieties of common knowledge that can be excluded from the growing trial used for examination of distinctness, and/or (b) to organize the growing trial so that similar varieties are 	 (a) Qualitative characteristics or (b) Quantitative or pseudo-qualitative characteristics which provide useful discrimination between the varieties of common knowledge from documented states of expression recorded at different locations. Must be useful for functions 1 and 2. Should be an asterisked characteristic and/or included in the Technical Questionnaire or application form.

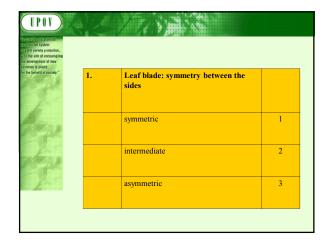


fective system and variety protection, the aim of encouragings fevelopment of new			
obes of plants, ne benefit of secondy."	1.	Plant: time of flowering	
		early 60 - 70 days	3
1. S		medium 70 - 80 days	5
		late >80 days	7



UPON For events of protection, classifier of an end of the same of encourage classifier and of encourage the foreignment of an en-			
vanisties of planes. Sor the benefit of accury "	1.	Cotyledon: surface	
		smooth	1
		slightly wrinkled	2
		wrinkled	3





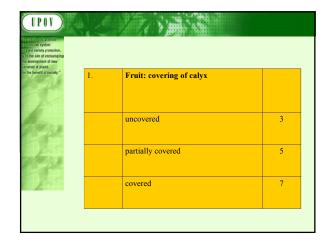
evidential promitie fective system initivariety protection,	5. 1 S . 1946		
The aim of encouraging revelopment of new eties of plants.			
te benefit of recisty."	1.	Fruit bunch: uniformity	
		low	3
(5 7)		medium	5
		high	7

e dective system plant variety protection, IS the aim of encouraging a development of new			
nations of plants, "The benefit of specially."	1.	Petiole: anthocyanin pigmentation	
		absent	1
		present	2

fol provide system ety protection, of encouraging			
nert of new plarts,	1.	Plant: natural height <u>at inflorescence</u> <u>emergence</u>	
		very short	1
		short	2
		medium	3
1		tall	4
-		very tall	5

UPON Convectored protector convectored protector convector convectored protector convect		AN AN		
variaties of places, for the benefit of society."	1.	Leaf: shape of base		
		acute	1	
		obtuse	2	
		cordate	3	
		asymmetric	4	

UPOV preversitely protection diffettive system prant variety protection, is the aim of recoursping to tevelopment of new			
calles of plans, "The barrefit of society."	1.	Plant: growth habit (at beginning of flowering)	
		erect	3
3. E.		semi-erect	5
		prostrate	7

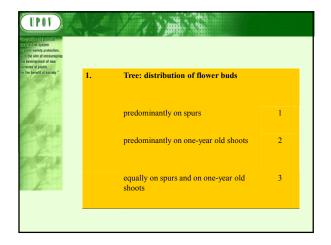


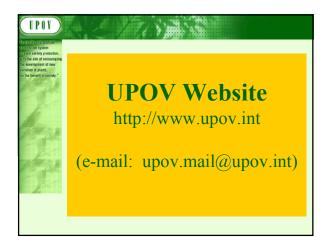
evidence provide Dective system	1.000		
ant variety protection, the aim of encouragings evelopment of new thes of plants,	1.	Fruit: ratio length/diameter	
a barafit of acciety."		very small	1
1		very small to small	2
6		small	3
(1 1)		small to medium	4
1		medium	5
19 P.		medium to large	6
		large	7
		large to very large	8
		very large	9

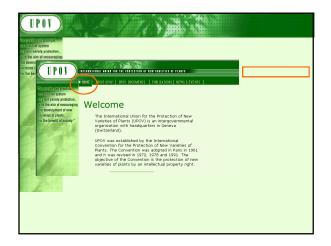
Infective system First variety protection, 5 the aim of encouraging			
(sevelopment of new raties of plants, The benefit of society."	1.	Leaf blade: folding	
		absent (flat or slightly concave)	1
		concave	2
		asymetrically folded	3
		twisted	4

		1.
1	absent or very weak	_
9	present	

UPOV or access of principle or frecher system (15 the aire of encouraging in development of new in development of new instants of principle.			
or the benefit of enciety."	1.	Corolla: length	
	QN	short	3
6		medium	5
		long	7
	2.	Only varieties with long corolla: Corolla: curvature	
	QN	curved upwards	3
		straight	5
		curved downards	7







in chiefdive system If plant variety protection,	NEW PUBLICATION	UPOV Rep (UPOV Pub	
its the aim of encouragings the development of new			
anaties of plants,		Executive S	
or the benefit of anciety."			
	Breeder's exemption	Breeder's e	
		Conventior	
to -	Notion of Breeder and Common Knowledge	The Notion	
	common knowledge	(Adobe PDF	
	Genetic Resources and	Access to	
	Benefit-Sharing	(Reply of L Executive :	
		(CBD)) (Adobe PDF	
		Access to	
a an		(Reply of L Executive :	
		(CBD))	







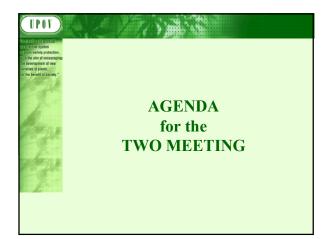


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For a vector of provide the original protection, if you'rening protection, if you'r vening protection, if the aim of encouraging the ferenigoment of new viscators of places, for the benefit of socialy."		A THE PUDTECTION OF NEW YA	\supset	
le po				

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For a victor to provide the effective system of plant variety protection, with the aim of encouraging	UPOV DATE: August 16,2006				
the ferwispment of new variables of plants, for the benefit of acciety."	INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS $_{\rm GINEVA}$				
	TECHNICAL WORKING PARTY FOR ORNAMENTAL PLANTS AND FOREST TREES				
E	Thirty-Ninth Session Fortaleza, Ceará State, Brazil, August 28 to September 1, 2006				
	Tortaleza, Geara Otale, Diazi, August 2010 September 1, 2000				
	REVISED DRAFT AGENDA				
	 Opening of the session 				
	Adoption of the agenda				
	3. Short reports on developments in plant variety protection				
	(a) Reports from members and observers (oral reports by the participants).				
	(b) Reports on developments within UPOV (oral report by the Office of the Union)				
	 Molecular techniques 				
	 (a) Developments in UPOV concerning the use of molecular techniques (document TWO/39/2) 				
	(b) Ad hoc Crop Subgroups (oral report)				



TIAN	
A second particular transformation of the second particular of the second transformation of t	 TGP documents (documents TWO/39/3 and TC/42/5 Annes II) (a) TGP documents to which the Technical Committee has given highest priority: TGP4 Constitution and Management of Variety Cellections (document TGP/4/1 Draft 7) TGP9 Examining Distinctness (document TGP/10/1 Draft 7) TGP10 Examining Uniformity (document TGP/10/1 Draft 4) (b) Other TGP documents: TGP8 Trial Design and Techniques Used in the Examination of Distinctness, Uniformity and Stability (document TGP/8/1 Draft 4) TGP12 Special Characteristics: Section 1: Development of Characteristics based on a Response to an External Factor (document TGP/12 Section 1 Draft 3) TGP13 Gaidance for New Types and Species (document TGP/13 Draft 6)
	 TGP19 Guidance for their spectra operact (obtained 1507/617 Junito) TGP14 Section 2: Glossary of Technical, Botanical and Statistical Terms: Used in UPOY Documents: Botanical Terms: Plant shapes (including hair types) (document TGP14.2.1 (&.2) Draft 5) Color characteristics (document TGP14.2.3, Draft 2) Color names (document TGP14.2.3, Draft 2)



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13 the aim of encouraging to development of new anotics of plants.		
or the benefit of acciety."	6.	UPOV Information Databases (document TWO/39/4)
	7.	Variety denominations (document TWO/39/5)
E	8.	Project to consider the publication of variety descriptions (document TWO/39/6)
6	9.	Criteria for determining off-type plants (document TWO/39/9)
1992 - C	10.	Drafters' Kit for Test Guidelines (document TWO/39/7)
2 i	11.	Information on probability levels used in COY and population standards used in the assessment of uniformity by off-types (document $\rm TWO(39/10)$
26	12.	Additional characteristics (document TWO/39/8)

	13.	Discussion on draft Test Guidelines:	
	÷ .	Angelonia* (document TG/ANGLN(proj.2))	
to weather a second to	-	Anubias (document TG/ANUBI(proj.1))	_
Finitediwe system I plant variety protection,	-	Azalea (pot)* (Revision) (document TG/140/4(proj.2))	
13 the aim of encouragings		Buddleja (document TG/BUDDL(proj.2))	
to development of new anatives of plants.		Canna (document TG/CANNA(proj.2))	
or the benefit of acciety."		Clematis* (Revision) (document TG/215/2(proj.1))	
ALCOMPACT AL		Diascia* (document TG/DIASC(proj.2))	
Sector Sector	-	Elatior Begonia* (Revision) (document TG/18/5(proj.2))	
		Eucalyptus (part of genus only) (document TG/EUCAL(proj.3))	
10		Gypsophila (document TG/GYPSO(proj.2))	
		Hawthorn (Crataegus L.)* (document TG/HAWTH(proj.3))	
and - and a		Heyea (Rubber) (document TG/HEVEA(proj.2 Rev.))	
a an		Kalanchoe (Revision) (document TG/78/4(proj.1))	
		Lily (Revision) (document TG/59/7(proj.1))	
		Mokara (document TG/MOKARA(proj.1))	
		Nerium oleander L. (document TG/NERIUM(proj.1))	
- 		Nemesia (document TG/NEMES(proj.1))	
		Ostcospermum (Revision) (document TG/176/4(proj.1))	
		Poinsettia (Revision) (document TG/24/6(proj.1))	
		Portulaca (document TG/PORTU(proj.1))	
		Sutera and Jamesbrittania* (document TG/SUTERA(proj.2))	
		Tagetes* (document TG/TAGETE(proj.5))	
		Tea (Camellia sinensis (L.) O. Kuntze) (document TG/TEA(proj.3))	
	•	rea (Comenta sinensis (L.) O. Kuntze) (document TO/TEA(proj.5))	

