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INTERNATIONALUNIONFORTHEPROTECTIONOFNEWVARIETIESOFPLANTS

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TECHNICALWORKINGPA RTY FOR ORNAMENTALPLANTSAN DFORESTTREES

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WORKINGPAPERONREVISEDDR AFTTESTGUIDELINES FORWILLOW(Salix L.)

DocumentpreparedbyexpertsfromGermany

The attached document Willow(proj.1) already incorporates the standard wording of document TGP/7.2, which was adopted by the Technical Committee at it sthirty -eighth session in April 2002, and includes some additional standard wording from document TGP/7.1 Draft 1, also agreed at that session.

[DocumentWillow(proj.1)follows]



Willow(proj.1)
ORIGINAL: English
DATE: October10,2002

INTERNATIONALUNIONFORTHEPROTECTIONOFNEWVARIETIESOFPLANTS GENEVA

DRAFT

WILLOW*

(Salix L.)*

GUIDELINES

FORTHECONDUCTOFTESTS

FORDISTINCTNESS, UNIFORMITY AND STABILITY

AlternativeNames:

LatinEnglishFrenchGermanSpanishSalix L.WillowSauleWeideSauce

ASSOCIATEDDOCUMENTS

These guidelines should be read in conjunction with document TG/1/3, "General Introduction to the Examination of Distinctness, Uniformity and Stability and the Development of Harmonized Descriptions of New Varieties of Plants" (herein after referred to as the "General Introduction") and its associated "TGP" documents.

^{*}

^{*} These n ames were correct at the time of the introduction of these Test Guidelines but may be revised or updated. [Readers are advised to consult the UPOV Code, which can be found on the UPOV Website (www.upov.int), for the latestinformation.]

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- 1. <u>SubjectoftheseGuidelines</u>
- 1.1 TheseTestGuidelinesapplytoall varieties of Salix L.ofthefamilySalicaceae.
- 2. <u>MaterialRequired</u>
- 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.
- 2.2 Thematerialistobesupplied in the form of hardwood cuttings.
- 2.3 Theminimum quantity of plantmaterial, to be supplied by the applicant, should be:

30hardwoodcuttings withadiameterofatleast1cmandalengthof20cm.

- 2.4 The cuttings should be taken from one year old main shoots from stools. If the applicantsubmitsdistinguish ingcharacteristics, which can only be observed on a dulttrees, he should indicate to the authorities the location of at least one adult tree of the variety on which these characteristics can be observed. However, if the applicant does not submit such characteristics, it is still recommended that he enables the authorities to make observations on adult trees as this can facilitate the examination and shorten the testing period.
- 2.5 The plant material supplied should be visibly healthy, not lacking in vigo r, nor affectedbyanyimportantpestordisease.
- 2.6 The plant material should not have undergone any treatment which would affect the expression of the characteristics of the variety, unless the competent authorities allow or requestsuchtreatment. I fithasbeentreated, full details of the treatment must be given.
- 3. MethodofExamination
- 3.1 Duration of Tests

The minimum duration of tests should normally betwoin dependent growing cycles.

3.2 TestingPlace

The tests should normally be conducted at one place. If any characteristics of the variety, which are relevant for the examination of DUS, cannot be seen at that place, the varietymaybetestedatanadditional place.

- 3.3 ConditionsforConductingtheExamination
- 3.3.1 The tests should be carried out under conditions ensuring satisfactory growth for the expression of the relevant characteristics of the variety and for the conduct of the examination.

3.3.2 Thefollowinggrowingconditionsarerecommended:

Timeofsubmissionofplantmaterial: secondhalfofMarch(NorthernHemisphere)

Planting of plants for the test: Beginning of April, in the open, planting distance

150x 150cm, 2 cuttings are planted per plant hole and one of them is removed after beginning of

growthtohaveonegrowingplan t

Soil: sandy,humicsoil

Fertilization: accordingtosoilanalysis

- 3.3.3 Characteristics containing the following notes in the second column of the Table of Characteristics should be examined a sindicated below:
 - (a) Allobservationsontheplantsex and spring foliations hould be made at beginning of growth afterwinter dormancy.
 - (b) Allobservationsonthemainshootandthebranchesshouldbemadeinautumn.
 - (c) Hairinessandcolorshouldbeobservedat20cmfromthetipofthemainshoot.
 - (d) All observations on the lenticels should be made in the observed middle third of the main shoot.
 - (e) All observations on the leaf should be made in the middle of the growing period on leaves of the middle third of the main shoot.
- $3.3.4\ Because\ daylight\ v\ aries,\ color\ determinations\ made\ against\ a\ color\ chart\ should\ be\ made either in a suitable\ cabinet\ providing\ artificial\ daylight\ or in the\ middle\ of\ the\ day in\ a\ room\ without\ directs\ unlight.\ The spectral\ distribution\ of\ the\ illuminant\ for\ artificial\ dayl\ ight\ should\ conform\ with\ the\ CIE\ Standard\ of\ Preferred\ Daylight\ D\ 6500\ and\ should\ fall\ within\ the\ tolerances\ set\ out\ in\ the\ British\ Standard\ 950\ ,\ Part\ I.\ These\ determination\ should\ be\ made\ with\ the\ plant\ part\ place\ day ainsta\ white\ background$
- 3.4 Test Design
- 3.4.1 The design of the tests should be such that plants or parts of plants may be removed for measurement or counting without prejudice to the observations which must be made up to the end of the growing cycle.
- 3.4.2 Eachtestshouldbedesigned toresultinatotalofatleast10plants.
- 3.5 Number of Plants/Parts of Plants to be Examined

Unless otherwise indicated, all observations determined by measuring or counting shouldbemadeon10plants.

3.6 *AdditionalTests*

Additionaltests, for examining relevant characteristics, may be established.

4. <u>AssessmentofDistinctness,UniformityandStability</u>

4.1 Distinctness

4.1.1 GeneralRecommendations

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

4.1.2 ConsistentDifferences

The minimum duration of tests recommended in section 3.1 reflects, in general, the needtoensurethatanydifferencesinacharacteristicaresufficiently consistent.

4.1.3 ClearDifferences

Determining whether a difference between two varieties is clear depends on many factors, and should consider, in particular, the typ e of expression of the characteristic being examined, i.e. whether it is expressed in a qualitative, quantitative, or pseudo -qualitative manner. Therefore, it is important that users of these Test Guidelines are familiar with the recommendations contained in the General Introduction prior to making decisions regarding distinctness.

4.2 *Uniformity*

Itis 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:

 $4.2.1 \quad The acceptable number of of for a type stolerated in a sample size of 10 plants is 1 on the basis of a population standard of 1\% and an acceptance probability of 95\%.$

4.3 Stability

- 4.3.1 Inpractice, it is not usual toper form tests of stability that produce results ascertain as those of the testing of distinctness and uniformity. However, experience has demonstrated that, for many types of variety, when a variety has been shown to be uniform, it can also be considered to be stable.
- 4.3.2 Where appropriate, or in cases of doubt, stability may be tested, either by growing a further generation, or by testing a new seed or plant stock to ensure that it exhibits the sam characteristics as those shown by the previous material supplied.

- 5. <u>GroupingofVarietiesandOrganizationoftheGrowingTrial</u>
- 5.1 The selection of varieties of common knowledge to be grown in the trial with the candidate varieties and the way in which these varieties are divided into groups to facilitate theassessment of distinctness is aided by the use of grouping characteristics.
- 5.2 Groupingcharacteristics are those in which the documented states of expression, even where produced at different locations, can be used, either individually or incombination 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 (b) to organize the growing trials othat similar varieties are grouped together.
- 5.3 Thefollowinghavebeenagreedasusefulgroupingcharacteristics:

Plant:sex(characteristic1)

- 5.4 Guidance for the use of grouping characteristics, in the process of examining distinctness, is provided through the General Introduction.
- 6. IntroductiontotheTableofCharacteristics
- 6.1 Categories of Characteristics
- 6.1.1 StandardTestGuidelinesCharacteristics

Standard Test Guidelines characteristics are those which are approved by UPOV for examination of DUS and from which members of the Union can select those suitable for their particular circumstances.

6.1.2 AsteriskedCharacteristics

Asterisked characteristics (denoted by *) are those included in the Test Guidelines which are important f or the international harmonization of variety descriptions and 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.

6.2 StatesofExpressionandCorrespondingNotes

Statesofexpressionaregivenforeachcharacteristictodefinethecharacteristicandto harmonizedescriptions. Each state of expression is allocated a correspon ding numerical note for ease of recording of data and for the production and exchange of the description.

6.3 TypesofExpression

An explanation of the types of expression of characteristics (qualitative, quantitative and pseudo-qualitative) is provided in the General Introduction.

6.4 ExampleVarieties

Where appropriate, example varieties are provided to clarify the states of expression of each characteristic.

- 6.5 Legend
- (*) Asteriskedcharacteristic –seeSection6.1.2
- (QL) Qualitativecharacteristi c –seeSection6.3
- (QN) Quantitative characteristic -see Section 6.3
- (PQ) Pseudo-Qualitativecharacteristic –seeSection6.3
- $(+) \hspace{20pt} \textbf{See} Explanations on the Table of Characteristics in Chapter 8. \\$
- (a)-(e) Seesection 3.3.3

7. <u>TableofCharacteristics/Table_audescaractères/Merkmalstabelle/Tabladecaracteres</u>

Char. No.	Methodof	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedadesejemplo	Note/ Nota
1.	(a)	Plant:sex		Pflanze:Geschlecht			
		dioeciousfe male		zweihäusigweiblich			1
		dioeciousmale		zweihäusigmännlich			2
		monoecious unisexual		einhäusig eingeschlechtlich			3
		monoecious hermaphrodite		einhäusigzwittrig			4
2.	(a)	Plant:spring foliation		Pflanze: Frühjahrsaustrieb			
		veryear ly		sehrfrüh		I -3 -58	1
		early		früh		Godesberg	3
		medium		mittel		Metz	5
		late		spät		F-65 -02	7
		verylate		sehrspät		Mangahn	9
3.	(b)	Mainshoot:attitude	•	Haupttrieb: Haltung			
		straight		gerade		Bredevoort	1
		slightlycurved		schwachgebogen		I -3 -58	2
		curved		gebogen		MittlererInnV	3
		stronglycurved		starkgebogen		75/64(<i>S.fragilis</i> L.)	4
		sinuous		geschlängelt			5

Char. No.	Methodof Examination	English	français	deutsch	español	ExampleVarieties Exemples Beispielssorten Variedadesejemplo	Note/ Nota
4.	(b) (c)	Mainshoot:colorof theinthemiddle third(sunnyside)		Haupttrieb:Farbe immittleren Drittel (Sonnenseite)			
		yellow		gelb			1
		orange		orange		GelbeDotterweide	2
		grey		grau			3
		greygreen		graugrün			4
		lightgreen		hellgrün		Graupa34	5
		green		grün		259/64(S.x smithianaWilld.)	6
		browngreen		braungrün		I -3 -5 8	7
		greybrown		graubraun			8
		redbrown		rotbraun		Altenstadt4	9
		brown		braun		Straubinger, BaumweideII	10
5. (+)	(b) (c)	Mainshoot: hairiness		Haupttrieb: Behaarung			
		absentorveryweak		fehlendodersehr gering			1
		weak		gering			3
		medium		mittel			5
		strong		stark			7
		verystrong		sehrstark			9

Char. No.	Methodof	English	français	deutsch	español	ExampleVarieties Exemples Beispielssorten Variedadesejemplo	Note/ Nota
6.	(b) (d)	Mainshoot: protrusionof lenticel		Haupttrieb: Hervorstehender Lentizelle			
		absentorveryweak		fehlendodersehr gering			1
		weak		gering			3
		medium		mittel			5
		strong		stark			7
		verystrong		sehrstark			9
7. (+)	(b) (c)	Mainshoot:colorof leafbud		Haupttrieb:Farbe derBlattknospe			
		lightgreen		hellgrün			1
		green		grün			2
		greenishbrown		grünlichbraun			3
		brown		braun			4
		reddishbrown		rötlichbraun			5
8. (+)	(b) (c)	Mainshoot: hairinessofleafbud		Haupttrieb: Behaarungder Blattknospe			
		absentorveryweak		fehlendodersehr gering			1
		weak		gering			3
		medium		mittel			5
		strong		stark			7
		verystrong		sehrs tark			9

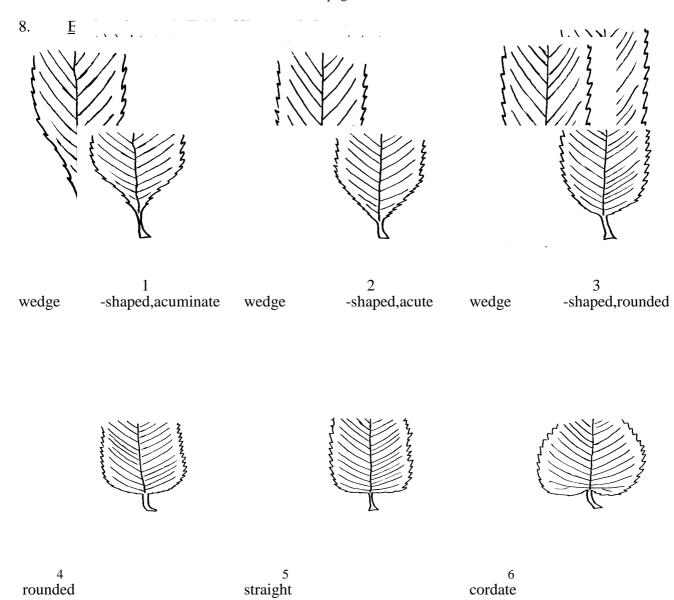
Char. No.	Methodof	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedadesejemplo	Note/ Nota
9.	(b)	Branch:numberof brancheslonger than5cm		Zweig:Anzahlder Zweigelängerals5 cm			
		absentorveryfew		fehlendodersehr gering		Altenstadt4	1
		few		gering		MittlererInnIII	3
		medium		mittel		Bredevoort	5
		many		groß		Belders	7
		verymany		sehrgroß		I -3 -58	9
10.	(b)	Branch:angle betweenfirst5cm ofbranchandstem inthemiddlethird ofstem(time: autumnof1 styear)		Zweig:Winkel zwischendenersten 5cmdesZweigs unddemHaupt - triebimmittleren Dritteldes Haupt - triebes(Zeitpunkt: Herbstdes1. Jahres)			
		verysmall		sehrklein			1
		small		klein		Lievelde	3
		medium		mittel			5
		large		groß		259/64(S.xs. Willd.)	7
		verylarge		sehrgroß			9
11.	(b)	Branch:attitude		Zweig:Haltung			
		curvedup		aufwärtsgebogen			1
		straight		gerade			2
		drooping		überhängend			3
		firstcurveddown, thencurvedup		erstabwärts,dann aufwärtsgebogen			4

Char. No.	Methodof	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedadesejemplo	Note/ Nota
12. (+)	(b) (c)	Branch:color (sunnyside)		Zweig:Farbe (Sonnenseite)			
		greybrown		graubraun			1
		redbrown		rotbraun		Boberg	2
		brown		braun			3
13.	(e)	Leafblade:length ofmidrib		Blattspreite:L derMittelrippe			
		veryshort		sehrkurz			1
		short		kurz			3
		medium		mittel			5
		long		lang			7
		verylong		sehrlang			9
14.	(e)	Leafblade:width		Blattspreite:B	reite		
		verynarrow		sehrschmal			1
		narrow		schmal			3
		medium		mittel			5
		broad		breit			7
		verybroad		sehrbreit			9
15.	(e)	Leafblade:position ofmaximumwidth		Blattspreite:L dergrößtenB r			
		belowthemiddle		unterhalbderM	itte		1
		approximatelyatthe middle		etwainderMitte			2
		abovethemiddle		oberhalbderMi	tte		3

Char. No.	Methodof Examination	English	français	deutsch	español	ExampleVarieties Exemples Beispielssorten Variedadesejemplo	Note/ Nota
16. (+)	(e)	Leafblade:shapeof base		Blattspreite:Form derBasis			
		wedge-shaped, acuminate		keilförmig, zugespitzt			1
		wedge-shaped,acute		keilförmig,spitz			2
		wedge-shaped, rounded		keilförmig,gerundet			3
		rounded		abgerundet			4
		straight		gerade			5
		cordate		herzförmig			6
17. (+)	(e)	Leafblade:shapeof tip		Blattspreite:For m derSpitze			
		mucronate		aufgesetzteSpitze			1
		acuminate		zugespitzt			2
		narrowlyacute		schmalspitz			3
		acute		spitz			4
		broadlyacute		breitspitz			5
18.	(e)	Leafblade:colorof upperside		Blattspreite:Farbe derOberseite			
		yellowgreen		gelbgrün			1
		greygreen		graugrün			2
		green		grün			3
		bluegreen		blaugrün			4
		redgreen		rotgrün			5

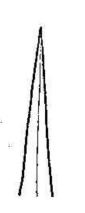
Char. No.	Methodof Examination	English	français	deutsch	español	ExampleVarieties Exemples Beispielssorten Variedadesejemplo	Note/ Nota
19.	(e)	Leafblade: hairinessofupper side		Blattspreite: Behaarungder Oberseite			
		absentorveryweak		fehlendodersehr gering			1
		weak		gering			3
		medium		mittel			5
		strong		stark			7
		verystrong		sehrstark			9
20.	(e)	Leafblade: hairinessoflower side		Blattspreite: Behaarungder Unterseite			
		absentorveryweak		fehlendodersehr gering			1
		weak		gering			3
		medium		mittel			5
		strong		stark			7
		verystrong		sehrstark			9
21.		Petiole:length		Blattstiel:Länge			
		veryshort		sehrkurz			1
		short		kurz			3
		medium		mittel			5
		long		lang			7
		verylong		sehrlang			9
22.		Petiole:colorof upperside		Blattstiel:Farbed Oberseite	der		
		yellowgreen		gelbgrün			1
		green		grün			2
		redgreen		rotgrün			3
		violetgreen		violettgrün			4

Char. No.	Methodof Examination Harilpan	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedadesejemplo	Note/ Nota
23.	Stipule:length	l	Nebenblatt:L	änge		
	veryshort		sehrkurz			1
	short		kurz			3
	medium		mittel			5
	long		lang			7
	verylong		sehrlang			9
24.	Stipule:type		Nebenblatt:T	yp		
(+)						
	type1		Typ1			1
	type2		Typ2			2
	type3		Typ3			3



Ad17:Leafblade:shapeoftip





1 mucro

nate

2 acuminate

3 narrowlyacute

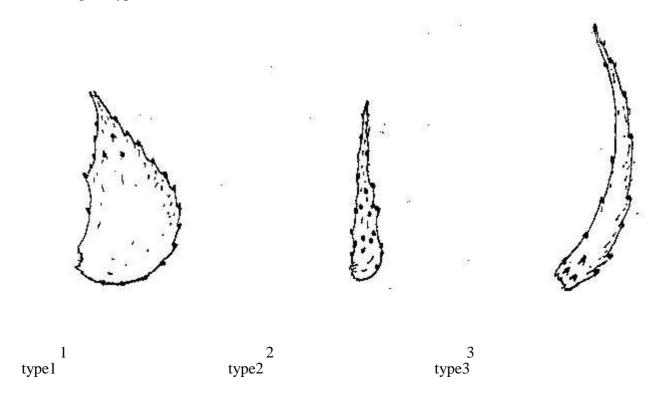




acute

broadlyacute

Ad24:Stipule:type



9. <u>Literature</u>

- Newsholme, Christopher "Willows, the genus Salix." London, B. T. Batsford Ltd., Great Britain, $1992\,$
- -Schiec htl,H.M."WeideninderPraxis"PatzerVerlag,Hannover

10. <u>TechnicalQuestionnaire</u>

TEC	HNICALQUESTIONNAIR	Е	Page{x}of{y}	ReferenceNumber:			
				Applicationdate: (nottobefilledinbytheapplicant)			
TECHNICALQUESTIONNAIRE tobecompleted inconnectionwithanapplicationforplantbreeders' rights							
1.	SubjectoftheTechnicalQues	stion	naire				
	1.1 LatinName	Sal	ix L.				
	1.2 CommonName	Wil	llow				
2.	Applicant						
	Name						
	Address						
	TelephoneNo.						
	FaxNo.						
	E-mailaddress						
	Breeder(ifdifferentfromapp	licar	nt)				
3.	Proposeddenominationand	breed	der'sreference				
	Proposeddenomination (ifavailable)						
	Breeder'sreference						

TECHNICALQUESTIONNAIRE	Page $\{x\}$ of $\{y\}$	ReferenceNumber:

4.	Informationonthebreedingschemeandpropaga tionofthevariety		
	4.1 BreedingScheme		
	4.1.1 Varietyresultingfrom:		
	(a) controlledcross	[]	
	(pleasestateparentvarieties)(b) partiallyunknowncross(pleasestateknownparentvariety(ies))	[]	
	(c) totallyunknowncross	[]	
	4.1.2 Mutation (pleasestateparentvariety)	[]	
	4.1.3 Discovery (pleasestatewhere,whenandhowdeveloped)	[]	
	4.1.4 Other (pleaseprovidedetails)	[]	
	4.2 MethodofPropagatingtheVariety		
	(a) cuttings		[]
	(b) invitro propagation		[]
	(c) other(specifymethod)		[]

	Dogg (w) of (w)	
TECHNICALQUESTIONNAIRE	$Page\{x\}of\{y\}$	ReferenceNumber:

dioeciousfemale dioeciousmale monoeciousunisexual monoecioushermaphrodite 5.2 Plant:springfoliation		Characteristics			Exampl	eVarieties	Note
dioeciousmale 2[] monoeciousunisexual 3[] monoeciousunsexual 4[] 5.2 Plant:springfoliation veryearly 1[] early 3[] medium 5[] late 7[] verylate 9[] Similarvarietiesanddifferencesfromthesevarieties Denomination(s)of veryearly 1[] verylate 9[] Similarvarietiesanddifferencesfromthesevarieties Denomination(s)of variety(ies)similarto variety(ies) in variety(ies) in the similarvariety(ies) variety(ies) variety(ies) variety mapple) Plant:height e.g. note3 note7 e.g. short tall	5.1 (1)	Plant:sex					
monoeciousunisexual 3[] monoecioushermaphrodite 4[] 5.2 Plant:springfoliation veryearly 1[] early 3[] medium 5[] late 7[] verylate 9[] Similarvarietiesanddifferencesfromthesevarieties Denomination(s)of veryearly 9[] Similarvarietiesanddifferencesfromthesevarieties Denomination(s)of verylate 9[] Similarvarietiesanddifferencesfromthesevarieties Denomination(s)of verylate 9[] Similarvarietiesanddifferencesfromthesevarieties Describetheexpression of the characteristic (s) forthe similar variety (ies) variety (ies) variety (ies) variety (ies) ample) Plant: height e.g. note3 note7 e.g. short tall		dioeciousfemale					1[]
monoecioushermaphrodite 2. Plant:springfoliation veryearly early late verylate Similarvarieties and differences from the sevarieties Denomination (s) of uriety (ies) similarto urcandidate variety urcandidate variety variety differs from the similar variety (ies) variety (ies) monoecioushermaphrodite 4[] 1[] early 3[] 7[] verylate 9[] Similarvarieties and differences from the sevarieties Describe the expression of the characteristic (s) for your candidate variety wariety (ies) variety (ies) monoecioushermaphrodite 1[] early 9[] Similarvarieties and differences from the sevarieties Describe the expression of the characteristic (s) for your candidate variety (ies) variety (ies) monoecioushermaphrodite 1[] early 9[] Similarvarieties and differences from the sevarieties Describe the expression of the characteristic (s) for your candidate variety (ies) variety (ies) monoecioushermaphrodite 1[] early 1[dioeciousmale					2[]
veryearly veryearly early medium late verylate Similarvarieties and differences from these varieties Denomination (s) of Characteristic (s) in uriety (ies) similarto which your candidate variety variety (ies) similar to which your candidate the similar variety (ies) warriety (ies) warriety variety differs from the similar variety (ies) mapple) Plant: height e.g. note3 note7 e.g. short tall		monoeciousunises	kual				3[]
veryearly early medium fill late verylate Similarvarieties and differences from these varieties Denomination (s) of characteristic (s) in priety (ies) similar to urcandidate variety variety (ies) similar to urcandidate variety which your candidate of the characteristic (s) of the characteristic (s) urcandidate variety variety differs from forthesimilar for your candidate the similar variety (ies)		monoeciousherma	phrodite				4[]
early 3[] medium 5[] late 7[] verylate 9[] Similarvarieties and differences from these varieties Denomination (s) of ariety (ies) similar to arriety (ies) similar to arriety (ies) similar to arriety (ies) wariety differs from the similar variety (ies) variety (ie	5.2 (2)	Plant:springfolia	tion				
medium 5[] late 7[] verylate 9[] Similarvarieties and differences from these varieties Denomination (s) of Characteristic (s) in priety (ies) similar to which your candidate urcandidate variety variety differs from the similar variety (ies) variety (ies) variety (ies) variety (ies) variety ample) Plant: height e.g. note3 note7 e.g. short tall		veryearly					1[]
late 7[] verylate 9[] Similarvarieties and differences from these varieties Denomination (s) of characteristic (s) in priety (ies) similar to arriety (ies) similar to arriety (ies) which your candidate variety variety differs from the similar variety (ies) variety		early					3[]
Similarvarieties and differences from these varieties Denomination (s) of Characteristic (s) in Describe the expression ariety (ies) similar to which your candidate variety differs from the similar variety (ies)		medium					5[]
Similarvarieties and differences from these varieties Denomination(s) of Characteristic(s) in Describe the expression priety (ies) similar to which your candidate of the characteristic(s) of the		late					7[]
Denomination(s)of characteristic(s)in whichyourcandidate ofthecharacteristic(s) ofthecharac		verylate					9[]
urcandidatevariety whichyourcandidate ofthecharacteristic(s) ofthecharacteristic(s) urcandidatevariety varietydiffersfrom forthesimilar foryourcandidate thesimilarvariety(ies) variety(ies) variety Ample Plant:height e.g. note3 note7	6.	Similarvarietiesa	anddifferencesfromthesev	arieties			
urcandidatevariety varietydiffersfrom forthesimilar foryourcandidate thesimilarvariety(ies) variety(ies) variety ample) Plant:height e.g. note3 note7 e.g. short tall		` '	` '				
thesimilarvariety(ies) variety(ies) variety ample) Plant:height e.g. note3 note7 e.g. short tall					* *		• •
ample) Plant:height e.g. note3 note7 e.g. short tall	yourc	andidatevariety					
e.g. short tall	Evami	nla)			• ` ′		
	<u> 2хат</u>	ле)	1 iani.neigni				
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7.	Additionalinformationwhichmayhelpintheexaminationofthevariety					
7.1	In addition to the information provided in sections 5 and 6, are there any additional characteristicswhichmayhelptodistinguishthevariety?					
	7.1.1	7.1.1 Resistancetopestanddiseases				
		Yes	[]	No	[]	
	(Ifyes,p	pleasepro	ovidedetails)			
	7.1.2	Other				
		Yes	[]	No	[]	
	(Ifyes,p	pleasepro	ovidedetails)			
7.2	Specia	lcondition	onsfortheexamir	nationoftheva	ariety	
	7.2.1 Are there any special con ditions for growing the variety or conducting the examination?				ving the variety or conducting the	
		Yes	[]	No	[]	
	7.2.2	Ifyes,	pleasegivedetail	s:		
7.3	.3 Otherinformation A representative color photograph of the variety should accompany the Technical Questionnaire.					
8.	Authorizationforrelease					
	(a) Doesthevarietyrequirepriorauthorizationforreleaseunderlegislationconcerning theprotectionoftheenvironment,humanandanimalhealth?					
	7	Yes		No	[]	
	(b) I	Hassucha	authorizationbee	enobtained?		
	3	Yes	[]	No	[]	
	Ifthean	iswerto(b)isyes,pleaseat	tachacopyoft	heauthori	zation.

TECHNICALQUESTIONNAIRE	Page{x}of{y}	ReferenceNumber:
9. Iherebydeclarethat,tothebest iscorrect:	ofmyknowledge,theinfo	ormationprovidedinthisform
Applicant'sname		
Signature		Date

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