

TG/ROCKET(Proj.1)
ORIGINAL: English
DATE: 2005-04-19

# INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS

**GENEVA** 



#### **ROCKETS**

UPOV Code: ERUCA\_SAT; DIPLO TEN

Eruca sativa Mill. Diplotaxis tenuifolia DC.

#### **GUIDELINES**

#### FOR THE CONDUCT OF TESTS

### FOR DISTINCTNESS, UNIFORMITY AND STABILITY

prepared by experts from France

to be considered by the Technical Working Party for Vegetables (TWV) at its thirty-ninth session, to be held in Nitra, Slovakia, from June 6 to 10, 2005

#### Alternative Names:

Botanical name English French German Spanish Eruca sativa Mill. Salad Rocket, Rugula, Roquette Senfrauke, Ruke, Roqueta Rocket-salad, Ölrauke Oruga común Garden Rocket, Arugula Diplotaxis tenuifolia Lincoln's-weed, Sand DC. mustard, Sand rocket Wall rocket

The purpose of these guidelines ("Test Guidelines") is to elaborate the principles contained in the General Introduction (document TG/1/3), and its associated TGP documents, into detailed practical guidance for the harmonized examination of distinctness, uniformity and stability (DUS) and, in particular, to identify appropriate characteristics for the examination of DUS and production of harmonized variety descriptions.

#### ASSOCIATED DOCUMENTS

These Test Guidelines should be read in conjunction with the General Introduction and its associated TGP documents.

<sup>\*</sup> These names 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 latest information.]

#### -2-

# TABLE OF CONTENTS **PAGE** 2. 3.2 Testing Place \_\_\_\_\_\_\_3 3.4 Test Design \_\_\_\_\_\_\_\_4 ASSESSMENT OF DISTINCTNESS, UNIFORMITY AND STABILITY ......4 4.2 Uniformity 5 Categories of Characteristics 6 6.4 Example Varieties 6 TABLE OF CHARACTERISTICS/TABLEAU DES

## 1. Subject of these Test Guidelines

These Test Guidelines apply to all varieties of *Eruca sativa* Mill. and *Diplotaxis tenuifolia* DC.

## 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.
- 2.2 The material is to be supplied in the form of seed.
- 2.3 The minimum quantity of plant material, to be supplied by the applicant, should be:

50g or 31,000 seeds

The seed should meet the minimum requirements for germination, species and analytical purity, health and moisture content, specified by the competent authority. In cases where the seed is to be stored, the germination capacity should be as high as possible and should, be stated by the applicant.

- 2.4 The plant material supplied should be visibly healthy, not lacking in vigor, nor affected by any important pest or disease.
- 2.5 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 request such treatment. If it has been treated, full details of the treatment must be given.

## 3. Method of Examination

## 3.1 Number of Growing Cycles

The minimum duration of tests should normally be two independent growing cycles.

# 3.2 Testing Place

Tests are normally conducted at one place. In the case of tests conducted at more than one place, guidance is provided in TGP/9 "Examining Distinctness".

- 3.3 Conditions for Conducting the Examination
- 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 The recommended method of observing the characteristic is indicated by the following key in the second column of the Table of Characteristics:

-4-

MG: single measurement of a group of plants or parts of plants

MS: measurement of a number of individual plants or parts of plants

VG: visual assessment by a single observation of a group of plants or parts of plants

VS: visual assessment by observation of individual plants or parts of plants

### 3.4 Test Design

- 3.4.1 Each test should be designed to result in a total of at least 60 plants, which should be divided between two or more replicates.
- 3.4.2 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.

## 3.5 Number of Plants / Parts of Plants to be Examined

Unless otherwise indicated, all observations on single plants should be made on 20 plants or parts taken from each of 20 plants and any other observations made on all plants in the test."

#### 3.6 Additional Tests

Additional tests, for examining relevant characteristics, may be established.

# 4. <u>Assessment of Distinctness, Uniformity and Stability</u>

#### 4.1 Distinctness

#### 4.1.1 General Recommendations

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 Consistent Differences

The differences observed between varieties may be so clear that more than one growing cycle is not necessary. In addition, in some circumstances, the influence of the environment is not such that more than a single growing cycle is required to provide assurance that the differences observed between varieties are sufficiently consistent. One means of ensuring that a difference in a characteristic, observed in a growing trial, is sufficiently consistent is to examine the characteristic in at least two independent growing cycles.

#### 4.1.3 Clear Differences

Determining whether a difference between two varieties is clear depends on many factors, and should consider, in particular, the type 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

- 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:
- 4.2.2 For the assessment of uniformity, a population standard of 2 % and an acceptance probability of at least 95 % should be applied. In the case of a sample size of 60 plants, 4 off-types are allowed.

## 4.3 Stability

- 4.3.1 In practice, it is not usual to perform tests of stability that produce results as certain 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 stock to ensure that it exhibits the same characteristics as those shown by the previous material supplied.

## 5. Grouping of Varieties and Organization of the Growing Trial

- 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 the assessment of distinctness are aided by the use of grouping characteristics.
- 5.2 Grouping characteristics are those in which the documented states of expression, even where produced 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 (b) to organize the growing trial so that similar varieties are grouped together.
- 5.3 The following have been agreed as useful grouping characteristics:
  - a) Leaf: type (characteristic 7)
  - b) Leaf: length (blade and petiole) (characteristic 12)
  - c) Leaf: width (widest point) (characteristic 13)
- 5.4 Guidance for the use of grouping characteristics, in the process of examining distinctness, is provided through the General Introduction.

## 6. Introduction to the Table of Characteristics

## 6.1 Categories of Characteristics

## 6.1.1 Standard Test Guidelines Characteristics

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 Asterisked Characteristics

Asterisked characteristics (denoted by \*) are those included in the Test Guidelines which are important for 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 States of Expression and Corresponding Notes

States of expression are given for each characteristic to define the characteristic and to harmonize descriptions. Each state of expression is allocated a corresponding numerical note for ease of recording of data and for the production and exchange of the description.

## 6.3 Types of Expression

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

## 6.4 Example Varieties

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

- 6.5 Legend
- (\*) Asterisked characteristic see Chapter 6.1.2
- QL: Qualitative characteristic see Chapter 6.3
- QN: Quantitative characteristic see Chapter 6.3
- PQ: Pseudo-qualitative characteristic see Chapter 6.3
- MG: single measurement of a group of plants or parts of plants see Chapter 3.3.1
- MS: measurement of a number of individual plants or parts of plants see Chapter 3.3.1
- VG: visual assessment by a single observation of a group of plants or parts of plants Chapter 3.3.1
- VS: visual assessment by observation of individual plants or parts of plants" see Chapter 3.3.1
- (+) See Explanations on the Table of Characteristics in Chapter 8

# 7. <u>Table of Characteristics/Tableau des caractères/Merkmalstabelle/Tabla de caracteres</u>

		English	français	deutsch	español	Example Varieties/ Exemples/ Beispielssorten/ Variedades ejemplo	Note/ Nota
1.	VS	Cotyledon: length	Cotylédon: longueur				
QN		short	court				3
		medium	moyen				5
		long	long				7
2.	VS	Cotyledon: width	Cotylédon: largeur				
QN		narrow	étroit				3
		medium	moyen				5
		broad	large				7
3.	VG	Leaf: attitude (before appearance of flowering stem)	Feuille: port (avant apparition de la tige florale)				
QN		erect	dressé				1
		semi- erect	demi- dressé				3
		horizontal	horizontal				5
4.	VG	Leaf: reflexing of tip	Feuille: enroulement au				
(+)			sommet				
QN		weak	faible				3
		medium	moyen				5
		strong	fort				7
5. (*)	VG	Leaf: color of blade	Feuille : couleur du limbe				
PQ		yellow green	vert jaune				1
		green	vert				2
		grey green	vert gris				3

	English	français	deutsch	español	Example Varieties/ Exemples/ Beispielssorten/ Variedades ejemplo	Note/ Nota
VG	Leaf: intensity of green color	Feuile: intensité de la couleur verte				
	light	claire				3
	medium	moyenne				5
	dark	foncée				7
VS	Leaf: type	Feuille : type				
	entire	entière				1
	lobed	lobée				9
		Seulement pour les variétés à feuilles lobées : intensité de la découpe primaire				
	weak	faible				3
	medium	moyenne				5
	strong	forte				7
	leaf type: lobed:	Seulement pour les variétés à feuilles lobées : intensité de la découpe secondaire				
	weak	faible				3
	medium	moyenne				5
	strong	forte				7
VS	Leaf: undulation of margin	Feuille: ondulation du bord				
	weak	faible				3
	medium	moyenne				5
	strong	forte				7
	VS/ WS/ MS	VG Leaf: intensity of green color  light medium dark  VS Leaf: type  entire lobed  VS / Only varieties with leaf type: lobed: intensity of primary lobing  weak medium strong  VS / Only varieties with leaf type: lobed: intensity of secondary lobing  weak medium strong  VS / Leaf: undulation of margin  weak medium	VS   Conty varieties with leaf type: lobed: intensité de la découpe primaire weak medium moyenne forte     VS   Only varieties with leaf type: lobed: intensité de la découpe primaire weak medium moyenne forte     VS   Only varieties with leaf type: lobed: intensité de la découpe primaire weak faible medium moyenne strong forte     VS   Only varieties with leaf type: lobed: intensité de la découpe primaire weak faible medium moyenne strong forte     VS   Only varieties with leaf type: lobed: intensité de la découpe primaire weak faible medium moyenne strong forte     VS   Only varieties with leaf type: lobed: intensité de la découpe secondaire     VS   Only varieties with leaf type: lobed: intensité de la découpe secondaire     VS   Only varieties with leaf type: lobed: intensité de la découpe secondaire     VS   Only varieties with leaf type: lobed: intensité de la découpe secondaire     VS   Only varieties with leaf type: lobed: intensité de la découpe secondaire     VS   Conty varieties with leaf type: lobed: intensité de la découpe secondaire     VS   Only varieties with leaf type: lobed: intensité de la découpe secondaire     VS   Only varieties with leaf type: lobed: intensité de la découpe secondaire     VS   Only varieties with leaf type: lobed: intensité de la découpe secondaire     VS   Only varieties with leaf type: lobed: intensité de la découpe secondaire     VS   Only varieties with leaf type: lobed: intensité de la découpe secondaire     VS   Only varieties with leaf type: lobed: intensité de la découpe secondaire     VS   Only varieties with leaf type: lobed: intensité de la découpe secondaire     VS   Only varieties with leaf type: lobed: intensité de la découpe secondaire     VS   Only varieties with leaf type: lobed: intensité de la découpe secondaire     VS   Only varieties with leaf type: lobed: intensité de la découpe secondaire     VS   Only varieties with leaf type: lobed: intensité de la découpe secondaire     VS   Only varieties with leaf type: lobed: intensité de la découpe secondair	VG Leaf: intensity of green color  light claire medium moyenne dark foncée  VS Leaf: type Feuille: type  entire entière lobed lobée  VS / Only varieties with leaf type: lobing forte  WS / Only varieties with feuilles lobées: intensité de la découpe primaire  weak faible medium moyenne strong forte  VS / Only varieties with leaf type: lobed: intensité de la découpe secondaire  weak faible medium moyenne strong forte  VS / Only varieties with leaf type: lobed: intensité de la découpe secondaire  weak faible  WS Leaf: undulation of margin forte  VS Leaf: undulation of margin forte  VS Leaf: undulation of margin moyenne  strong forte  VS Leaf: undulation of margin moyenne  strong forte  VS Leaf: undulation of margin moyenne  moyenne  moyenne  faible medium moyenne  strong forte  VS Leaf: undulation of margin moyenne  moyenne  moyenne	VG Leaf: intensity of green color verte  light claire medium moyenne dark foncée  VS Leaf: type Feuille: type  entire entière lobed lobée  VS/ Only varieties with medium moyenne strong forte  VS Leaf: undulation of margin forte  VS Leaf: undulation of margin moyenne strong forte  VS Leaf: undulation of margin moyenne medium moyenne medium moyenne moyenne	Figlish français deutsch español Exemples  Femile: intensity of green color  VG Leaf: intensity of green color  light claire medium moyenne dark foncée  VS Leaf: type Feuille: type  entire entire lobed lobée  VS/ Only varieties with medium moyenne strong forte  VS/ Leaf: undulation of margin forte  VS Leaf: undulation of margin moyenne

		English	français	deutsch	español	Example Varieties/ Exemples/ Beispielssorten/ Variedades ejemplo	Note/ Nota
11.	VS	Leaf: blistering	Feuille : cloqure				_
		weak	faible				3
QN		medium	moyenne				5
		strong	forte				7
12. (*)	MS	Leaf: length (blade and petiole)	Feuille: longueur (limbe et petiole)				
QN		short	court				3
		medium	moyenne				5
		long	longue				7
13. (*)	MS	Leaf: width (widest point)	Feuille: largeur (au point leplus large)				
QN		narrow	étroit				3
		medium	moyenne				5
		broad	large				7
14.	VS	Leaf: thickness of blade	Feuille: épaisseur du limbe				
QN		thin	fine				3
		medium	moyenne				5
		thick	épaisse				7
15.	VS	Leaf: hairiness	Feuille : pilosité				
QN		weak	faible				3
		medium	moyenne				5
		strong	forte				7
16. (*)	VG	Resistance to bolting	Résistance à la montaison				
QN		weak	faible				3
		medium	moyenne				5
		strong	forte				7

		English	français	deutsch	español	Example Varieties/ Exemples/ Beispielssorten/ Variedades ejemplo	Note/ Nota
17.	MG	Time of flowering (50% of plants with at least one open flower)					
QN		early	précoce				3
		medium	moyenne				5
		late	tardive				7
18. (*)	VG	Flower: color of petals	Fleur : couleur des pétales				
PQ		white	blanc				1
		cream	crème				2
		yellow	jaune				3
19. (+)	VS / MS	Siliqua: length (between pedicel and beak)	Silique: longueur (entre prédoncule et bec)				
QN		short	courte				3
		medium	moyenne				5
		long	longue				7
<b>20.</b> (+)		Siliqua: width (widest point)					
QN		narrow	etroite				3
		medium	moyenne				5
		broad	large				7
21. (*) (+)		Siliqua: length of beak	Silique : longueur du bec				
QN		short	court				3
		medium	moyen				5
		long	long				7

TG/Rocket(proj.1) 2005-04-19 -11-

		English	français	deutsch	español	Example Varieties/ Exemples/ Beispielssorten/ Variedades ejemplo	Note/ Nota
22.		Ratio length of siliqua / length of beak	Ratio: longueur de silique / longueur de bec				
QN		small	petit				
		medium	moyen				
		high	élevé				
23.	MG	Weight of 1000 seeds	Poids de mille grains				
QN		low	petit				
		medium	moyen				
		high	élevé				

# 8. <u>Explanations on the Table of Characteristics</u>

Ad. 4: Leaf: reflexing of tip



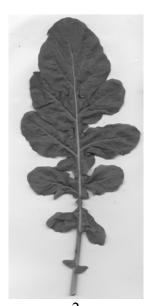




Ad. 7: Leaf: type

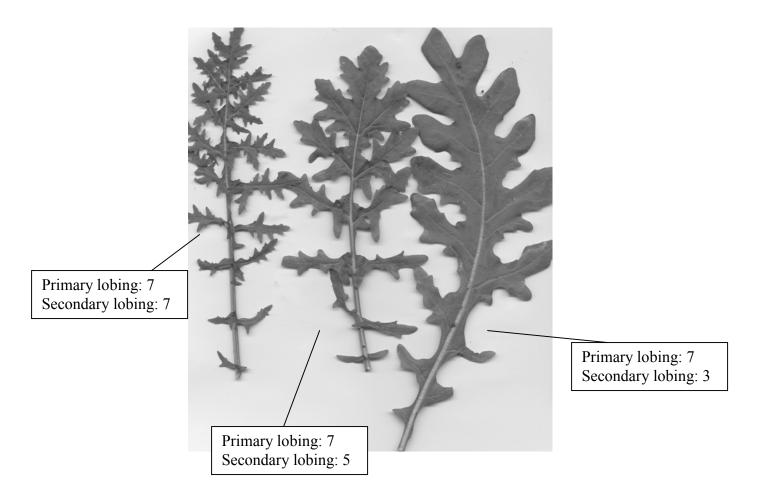


1 entire

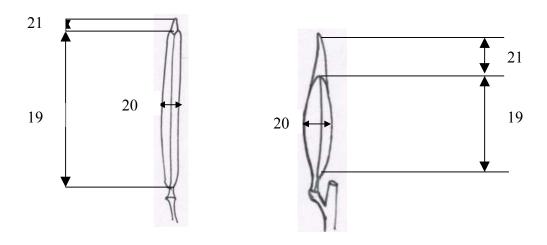


2 lobed

Ad. 9, 10: For variety withlobed leaves only: intensity of primary (8), secondary (9) lobing



Ad. 19, 20, 21: Siliqua: length (between pedicel and beak) (19), width (widest point) (20), length of beak (21)



Diplotaxis tenuifolia DC.

Eruca sativa Mill.

TG/Rocket(proj.1) 2005-04-19 -14-

# 9. <u>Literature</u>

IPGRI, 1999: Descriptors for Rocket (*Eruca* spp.) International Plant Genetic Resources Institute, Rome, I, 56pp.

TG/Rocket(proj.1) 2005-04-19 -15-

# 10. <u>Technical Questionnaire</u>

TECHNICAL QUESTIONNAIRE	3	Page {x} of {y}	Reference Number			
			Application date: (not to be filled applicant)	d in	by	the
TE	CHN	IICAL QUESTIONNA	AIRE			
to be completed in con				ghts		
1. Subject of the Technical Qu	estio	nnaire (please indicate	the relevant species	)		
1.1.1 Botanical name	Eri	uca sativa Mill.				
1.1.2 Common name				ļ	. ]	
1.2.1 Botanical name	Dip	olotaxis tenuifolia DC				
1.2.2 Common name				İ	]	
2. Applicant						
Name						
Address						
Telephone No.						
Fax No.				]		
E-mail address				]		
Breeder (if different from ap	plica	ant)		_		
				]		
3. Proposed denomination and	bree	der's reference				
Proposed denomination (if available)						
Breeder's reference						

TG/Rocket(proj.1) 2005-04-19 -16-

TECHNICAL Q	JESTIONNAIRE	Page {x} of {y}	Reference Number:					
<sup>#</sup> 4. Information	<sup>#</sup> 4. Information on the breeding scheme and propagation of the variety							
4.1 Breedi	4.1 Breeding scheme							
Variety	resulting from:							
4.1.1	Crossing (a) controlled cross (please state pa		[ ]					
	(b) partially known (please state kn	n cross nown parent variety(ies	[ ]					
	(c) unknown cross	3	[ ]					
4.1.2	Mutation (please state parent v	variety)	[ ]					
4.1.3	Discovery and developeds (please state where a and how developed)		[ ]					
4.1.4	Other (please provide detail	ils)	[ ]					

<sup>&</sup>lt;sup>#</sup> Authorities may allow certain of this information to be provided in a confidential section of the Technical Questionnaire.

TG/Rocket(proj.1) 2005-04-19 -17-

TECHNICAL QUESTIONNAIRE	Page $\{x\}$ of $\{y\}$	Reference Number:					
4.2 Method of propagating the variety							
4.2.1 Seed-propagated varie	eties						
(a) Self-pollination		[ ]					
(b) Cross-pollinatio (i) population (ii) synthetic va		[ ]					
(c) Hybrid		[ ]					
(d) Other (please provide	details)	[ ]					
4.2.2 Other (please provide details		[ ]					
In the case of hybrid varieties the proceseparate sheet. This should provide dehybrid e.g.							
Single Hybrid							
"( female parent) x (	. male parent)						
Three-Way Hybrid							
"( female line) x ( r	male line)						
"=> single hybrid used as female parent x ( male parent)							
and should identify in particular:							
(a) any male sterile lines (b) maintenance system of male	e sterile lines.						

TECHNICAL QUESTIONNAIRE	Page $\{x\}$ of $\{y\}$	Reference Number:

5. Characteristics of the variety to be indicated (the number in brackets refers to the corresponding characteristic in Test Guidelines; please mark the note which best corresponds).

	Characteristics	Example Varieties	Note
5.2 (5)	Leaf: color of blade		
	yellow green		1[]
	green		2[]
	grey green		3 [ ]
5.3 (7)	Leaf: type		
	entire		1[]
	lobed		9[]
5.4 (8)	Leaf: intensity of primary lobing		
	weak		3 [ ]
	medium		5[]
	strong		7[]
5.5 (9)	Leaf: intensity of secondary lobing		
	weak		3 [ ]
	medium		5[]
	strong		7[]
5.6 (12)	Leaf: length (blade and petiole)		
	short		3 [ ]
	medium		5[]
	long		7[]

TG/Rocket(proj.1) 2005-04-19 -19-

TECH	NICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:	
	Characteristics		Example Varieties	Note
5.7 (13)	Leaf: width (widest point)			
	narrow			3 [ ]
	medium			5[]
	broad			7[]
5.8 (16)	Resistance to bolting			
	weak			3 [ ]
	medium			5[]
	strong			7[]
5.9 (18)	Flower: color of petals			
	white			1[]
	cream			2[]
	yellow			3 [ ]

TG/Rocket(proj.1) 2005-04-19 -20-

TECHNICAL QUESTIO	Page {x} o	of {y}	Reference	e Number:			
TECHNICAL QUESTIONNAIRE   Page {x} of {y}   Reference Number:  6. Similar varieties and differences from these varieties  Please use the following table and box for comments to provide information on how your candidate variety differs from the variety (or varieties) which, to the best of your knowledge, is (or are) most similar. This information may help the examination authority to conduct its examination of distinctness in a more efficient way.							
Denomination(s) of variety(ies) similar to your candidate variety	Characteristic(s) in which your candidate variety differs from the similar variety(ies)		Describe the expression of the characteristic(s) for the <b>similar</b> variety(ies)		Describe the expression of the characteristic(s) for <b>your</b> candidate variety		
Example	Flower: colo	or of petals	white		cream		
Comments:							

TG/Rocket(proj.1) 2005-04-19 -21-

TECI	ECHNICAL QUESTIONNAIRE							x} o	f {y}		Reference Number:			
7.	Additional information which may help in the examination of the variety													
7.1	In addition to the information provided in sections 5 and 6, are there any additional characteristics which may help to distinguish the variety?													
	Yes	[ ]			No	)	[	]						
(If yes, please provide details)														
7.2	Are there any special conditions for growing the variety or conducting the examination?													
	Yes	[ ]			No	)	[	]						
	(If yes, please provide details)													
7.3	Other information													
A representative color photograph of the variety should accompany the Technical Questionnaire.														
8.	Auth	orizatio	n foi	r release										
	(a) Does the variety require prior authorization for release under legislation concerning the protection of the environment, human and animal health?													
		Yes	[	]		No	)	[	]					
	(b) Has such authorization been obtained?													
		Yes	[	]		No	)	[	]					
	If the answer to (b) is yes, please attach a copy of the authorization.													

TG/Rocket(proj.1) 2005-04-19 -22-

TECHNICAL QUESTION	INAIRE	Page {x} of {y}	Reference Number:										
9. Information on plant	Information on plant material to be examined or submitted for examination.												
9.1 The expression of a characteristic or several characteristics of a variety may be affected by factors, such as pests and disease, chemical treatment (e.g. growth retardants or pesticides), effects of tissue culture, different rootstocks, scions taken from different growth phases of a tree, etc.													
9.2 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 request such treatment. If the plant material has undergone such treatment, full details of the treatment must be given. In this respect, please indicate below, to the best of your knowledge, if the plant material to be examined has been subjected to:													
(a) Microorganism	(a) Microorganisms (e.g. virus, bacteria, phytoplasma)												
(b) Chemical treat	(b) Chemical treatment (e.g. growth retardant, pesticide)												
(c) Tissue culture	(c) Tissue culture												
(d) Other factors	(d) Other factors												
Please provide detail	Please provide details for where you have indicated "yes".												
9.3 Has the plant material to be examined been tested for the presence of virus or other pathogens?													
Yes	[ ]												
(please provide details as specified by the Authority)													
No	[ ]"												
10. I hereby declare that, to the best of my knowledge, the information provided in this form is correct:													
Applicant's name	Applicant's name												
Signature			Date										