

TG/ARGYR(proj.2)
ORIGINAL: English

DATE: June 3, 2004

INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS

GENEVA

DRAFT

Marguerite Daisy

UPOV Code: ARGYR_FRU

Argyranthemum frutescens (L.) Sch. Bip.

GUIDELINES

FOR THE CONDUCT OF TESTS

FOR DISTINCTNESS, UNIFORMITY AND STABILITY

prepared by an expert from Germany

to be considered by the
Technical Working Party for Ornamental Plants and Forest Trees
at its thirty-seventh session,
to be held in Hanover, Germany, from July 12 to 16, 2004

Alternative Names:*

Latin	English	French	German	Spanish
Argyranthemum frutescens (L.) Sch. Bip. Chrysanthemum frutescens L.	Marguerite Daisy, Paris Daisy, White Marguerite	Anthémis	Strauchmargerite	Margarita

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 guidelines ("Test 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" (hereinafter referred to as the "General Introduction") and its associated "TGP" documents.

* 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.]

TG/ARGYR(proj.2) Marguerite Daisy, 2004-06-04 - 2 -

<u>TA</u>	BLE OF CONTENTS	<u>PAGE</u>
1.	SUBJECT OF THESE TEST GUIDELINES	3
2.	MATERIAL REQUIRED	
3.	METHOD OF EXAMINATION	
٥.	3.1 Duration of Tests	
	3.2 Testing Place	
	3.3 Conditions for Conducting the Examination	
	3.4 Test Design	
	3.5 Number of Plants / Parts of Plants to be Examined	
	3.6 Additional Tests	
4.	ASSESSMENT OF DISTINCTNESS, UNIFORMITY AND STABILITY	
	4.1 Distinctness	4
	4.2 Uniformity	5
	4.3 Stability	
5.	GROUPING OF VARIETIES AND ORGANIZATION OF THE GROWING TRIAL	5
6.	INTRODUCTION TO THE TABLE OF CHARACTERISTICS	6
	6.1 Categories of Characteristics	6
	6.2 States of Expression and Corresponding Notes	6
	6.3 Types of Expression	6
	6.4 Example Varieties	6
	6.5 Legend	7
7.	TABLE OF CHARACTERISTICS/TABLEAU DES	
	CARACTÈRES/MERKMALSTABELLE/TABLE DE CARACTERES	
8.	EXPLANATIONS ON THE TABLE OF CHARACTERISTICS	14
9.	LITERATURE	17
10.	TECHNICAL OUESTIONNAIRE	18

- 3 -

1. Subject of these Test Guidelines

These Test Guidelines apply to all varieties of *Argyranthemum frutescens* (L.) Sch. Bip. of the family *Asteraceae*.

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 rooted cuttings.
- 2.3 The minimum quantity of plant material, to be supplied by the applicant, should be:

20 rooted cuttings

- 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 a single growing cycle.

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 Stage of development for the assessment

The optimum stage of development for the assessment of the characteristics is at the time of full flowering.

3.3.3 Type of observation – visual or measurement

The recommended method of observing the characteristic is indicated by the following key in the second column of the Table of Characteristics:

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.

3.3.4 Observation of color by eye

Because daylight varies, 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 direct sunlight. The spectral distribution of the illuminant for artificial daylight 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 determinations should be made with the plant part placed against a white background.

3.4 Test Design

- 3.4.1 Each test should be designed to result in a total of at least 16 plants.
- 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 10 plants or parts taken from each of 10 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

- 5 -

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 1% and an acceptance probability of at least 95% should be applied. In the case of a sample size of 16 plants, 1 off-type is 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 plant 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.

- 6 -
- 5.3 The following have been agreed as useful grouping characteristics:
 - (a) Flower head: type (characteristic 12)
 - (b) Flower head: diameter (characteristic 13)
 - (c) Ray floret: main color of upper side (characteristic 19) with the following groups:

Gr. 1: white

Gr. 2: yellow

Gr. 3: pink

Gr. 4: red

Gr. 5: purple

Gr. 6: violet

Gr. 7: blue

- 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.

TG/ARGYR(proj.2) Marguerite Daisy, 2004-06-04

- 7 -

- 6.5 Legend
- (*) Asterisked characteristic see Section 6.1.2
- (QL) Qualitative characteristic see Section 6.3
- (QN) Quantitative characteristic see Section 6.3
- (PQ) Pseudo-Qualitative characteristic see Section 6.3
- (a), (b) See Explanations on the Table of Characteristics in Chapter 8, Section 8.1.
- (+) See Explanations on the Table of Characteristics in Chapter 8, Section 8.2.

MS: measurement of a number of individual plants or parts of plants- see Section 3.3.3.

VG: visual assessment by a single observation of a group of plants or parts of plants - see Section 3.3.3.

TG/ARGYR(proj.2) Marguerite Daisy/Anthémis/Strauchmargerite/Margarita, June 3, 2004 - 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.	VG	Plant: habit		Pflanze: Wuch	sform		
PQ		upright		aufrecht		Polyanna	1
		rounded		rundlich		Carmella	2
		spreading		breitwüchsig		Surprise Party	3
2. (*) QN	MS VG	Plant: height		Pflanze: Höhe			
		very short		sehr niedrig		Eleonora	1
		short		niedrig		Supaglow	3
		medium		mittel		Supadawn	5
		tall		hoch		Argyraketis	7
		very tall		sehr hoch		Supalight	9
3. VG QN	VG	Plant: density		Pflanze: Dicht	e		
		sparse		locker		Petite Pink	3
		medium		mittel		Supaglow	5
		dense		dicht		Summer Melody	7
4. QL	VG	Stem: anthocyanin coloration		Trieb: Anthozyanfärl	bung		
		absent		fehlend		Argyraketis	1
		present		vorhanden		Izu-magu 85	9
5 . (*)	MS VG	Leaf: length		Blatt: Länge			
QN	(a)	very short		sehr kurz		Sumfrut01	1
		short		kurz		Ella	3
		medium		mittel		Petite Pink	5
		long		lang		Summer Pink	7
		very long		sehr lang		Supasurprise	9

TG/ARGYR(proj.2) Marguerite Daisy, 2004-06-04 - 9 -

		English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
6. (*)	MS VG	Leaf: width		Blatt: Breite			
QN	(a)	very narrow		sehr schmal		Sumfrut01	1
		narrow		schmal		Ella	3
		medium		mittel		Argyraketis	5
		broad		breit		Petite Pink	7
7. (*)	VG	Leaf: color of upperside	er	Blatt: Farbe d Oberseite	er		
PQ		light green		hellgrün		Supaellie	1
		medium green		mittelgrün		Summer Melody	2
		dark green		dunkelgrün			3
		blue green		blaugrün		Supacher	4
		grey green		graugrün		Argyraketis	5
8. (+) QN	MS VG (a)	Lateral lobe: lengt	h	Seitenlappen:	Länge		
	(b)	short		kurz		Ella	3
		medium		mittel		Cobsing	5
		long		lang		Supacher	7
9. (+) QN	MS VG (a)	Lateral lobe: width	1	Seitenlappen:	Breite		
	(b)	narrow		schmal		Petite Pink	3
		medium		mittel		Cobsing	5
		broad		breit		Supasurprise	7
10. QN	VG (b)	Lateral lobe: depth of marginal incision		Seitenlappen: der Randeinsc			
		shallow		flach		Julie Anna	3
		medium		mittel		Summer Pink	5

TG/ARGYR(proj.2) Marguerite Daisy, 2004-06-04 - 10 -

pompon pompon Rosetta 13. MS Flower head: (*) VG diameter very small sehr klein Sumfru small klein Ella medium mittel Cobsing large groß Supasu very large sehr groß Tanja 14. VG Only non single flower head type varieties: Flower head: number of ray Blütenstand: Blütenstand: Blütenstand: Blütenstand: Blütenstand: Blütenstand: Blütenstand: Blütenstand: Anzahl	sorten Nota es ejemplo
medium mittel Gretel long lang Julie A 12. VG Flower head: type (*) (*) Flower head: type (*) Semi double anemone like anemone like anemone like anemone förmig double gefüllt summe pompon pompon pompon Rosetta 13. MS Flower head: Blütenstand: Durchmesser VG VG diameter Very small sehr klein small medium large groß supasu very large groß Supasu very large sehr groß Tanja 14. VG Only non single flower head type varieties: Flower head: type infachen Blütenstand: Blütenstand: Blütenstand: Durchmesser Nur Sorten ohne einfachen Blütenstand: Anzahl	
Lang Julie A	elle 3
12. VG Flower head: type (*) single einfach Cobsing PQ semi double halbgefüllt anemone like anemonenförmig Supagle double gefüllt Summe pompon pompon pompon Rosetta 13. MS Flower head: (*) VG diameter Durchmesser VG very small sehr klein Sumfru small klein Ella medium mittel Cobsing large groß Supasu very large sehr groß Tanja 14. VG Only non single flower head type varieties; Flower head: halbgefüllt gefüllt Summe Durchmesser Nur Sorten ohne einfachen Blütenstand: hauf very large Nur Sorten ohne einfachen Blütenstand: head: number of ray Blütenstand: head: number of ray	5
(*) (+) single einfach Cobsing Semi double halbgefüllt anemone like anemone like anemonenförmig Supagle double gefüllt Summe pompon pompon Rosetta 13. MS Flower head: Blütenstand: Durchmesser (*) VG	na 7
PQ semi double halbgefüllt anemone like anemonenförmig Supagle double gefüllt Summe pompon pompon Rosetta 13. MS Flower head: (*) VG diameter Durchmesser QN very small sehr klein Sumfru small klein Ella medium mittel Cobsing large groß Supasu very large sehr groß Tanja 14. VG Only non single flower head type varieties: Flower head: number of ray Blütenstand: Blütenstand: Blütenstand: Blütenstand: Blütenstand: Anzahl	
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double gefüllt Summe pompon pompon Rosetta 13. MS Flower head: (*) VG diameter Durchmesser Very small sehr klein Sumfru small klein Ella medium mittel Cobsing large groß Supasu very large sehr groß Tanja 14. VG Only non single flower head type varieties: Flower head: number of ray Blütenstand: Blüten	2
pompon pompon Rosetta 13. MS Flower head: (*) VG diameter very small sehr klein Sumfru small klein Ella medium mittel Cobsing large groß Supasu very large sehr groß Tanja 14. VG Only non single flower head type varieties: Flower head: number of ray Blütenstand:	v 3
13. MS Flower head: (*) VG diameter Durchmesser very small small medium mittel Cobsing large very large groß Supasu very large sehr groß Tanja 14. VG Only non single flower head type varieties: Flower head: number of ray Blütenstand:	Melody 4
(*) VG diameter Very small small medium mittel Cobsing large very large groß Supasu very large sehr groß Tanja 14. VG Only non single flower head type varieties: Flower head: number of ray Durchmesser Durchmesser Sumfru Sumfru Ella Robsing groß Supasu very large sehr groß Tanja	5
small klein Ella medium mittel Cobsing large groß Supasu very large sehr groß Tanja 14. VG Only non single flower head type varieties: Flower head: number of ray Rein Mittel Cobsing Supasu Nur Sorten ohne einfachen Blütenstand: Blütenstand: Blütenstand: Anzahl	
medium mittel Cobsing large groß Supasur very large sehr groß Tanja 14. VG Only non single flower head type varieties: Flower head: number of ray Blütenstand: Anzahl	1 1
large groß Supasu very large sehr groß Tanja 14. VG Only non single flower head type varieties: Flower head: number of ray large groß Supasu Tanja Nur Sorten ohne einfachen Blütenstand: Blütenstand: Anzahl	3
very large sehr groß Tanja 14. VG Only non single Nur Sorten ohne QN flower head type einfachen varieties: Flower Blütenstand: head: number of ray Blütenstand: Anzahl	5
14. VG Only non single Nur Sorten ohne QN flower head type einfachen varieties: Flower Blütenstand: head: number of ray Blütenstand: Anzahl	
QN flower head type einfachen varieties: Flower Blütenstand: head: number of ray Blütenstand: Anzahl	rise 7
florets Zungenblüten	rise 7 9
few gering	
medium mittel Summe	
many groß Sugar F	9

TG/ARGYR(proj.2) Marguerite Daisy, 2004-06-04 - 11 -

		English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
15. (+)	VG	Ray floret: longitudinal axis		Zungenblüte: Längsachse			
PQ		incurved		aufgebogen			1
		straight		gerade			2
		reflexed		zurückgebogen			3
16. (*)	MS VG	Ray floret: length		Zungenblüte: L	∠änge		
QN		short		kurz		Ella	3
		medium		mittel		Tesi	5
		long		lang		Supasurprise	7
17. (*) QN	MS VG	Ray floret: width		Zungenblüte: B	Breite		
		narrow		schmal		Ella	3
		medium		mittel		Suparosa	5
		broad		breit		Summer Angel	7
18. (*) QL	VG	Ray floret: number of colors		Zungenblüte: Anzahl Farben			
		one		eine		Ella	1
		two		zwei			2
		more than two		mehr als zwei			3
19. (*) PQ	VG	Ray floret: main color of upper side		Zungenblüte: Hauptfarbe der Oberseite	r		
		RHS Colour Chart (indicate reference number)		RHS-Farbkarte (Nummer angeb	en)		
20. (*) PQ	VG	Ray floret: secondary color of upper side		Zungenblüte: Sekundärfarbe Oberseite	der		
		RHS Colour Chart (indicate reference number)		RHS-Farbkarte (Nummer angeb	en)		

TG/ARGYR(proj.2) Marguerite Daisy, 2004-06-04 - 12 -

		English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
21. PQ	VG	Ray floret: main color of lower side		Zungenblüte: Hauptfarbe der Unterseite			
		RHS Colour Chart (indicate reference number)		RHS-Farbkarte (Nummer angeben)			
22. (*) (+) QN	MS VG	Only varieties with flower head type: single; semi double; and anemone like: Disc: diameter		Nur Sorten mit einfachem, halbgefüllten oder anemonenförmigen Blütenstand: Scheibe: Durchmesser			
		small		klein		Sugar Baby	3
		medium		mittel		Gretel	5
		large		groß		Surprise Party	7
23. (*) PQ	VG	Only varieties with flower head type: single and semi double: Disc: main color		Nur Sorten mit einfachem und halbgefülltem Blütenstand: Scheibe: Hauptfarb	e		
		white		weiß			1
		yellow		gelb			2
		yellow orange		gelb orange			3
		red		rot			4
		yellow brown		gelb braun			5
		brown		braun			6
24. (*) PQ	VG	Only varieties with anemone like flower head type: Disc floret: color	:	Nur Sorten mit anemonenförmigem Blütenstand: Röhrenblüte: Farbe	-		
		RHS Colour Chart (indicate reference number)		RHS-Farbkarte (Nummer angeben)			

TG/ARGYR(proj.2) Marguerite Daisy, 2004-06-04 - 13 -

		English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
25. (*)	VG	Time of beginning of flowering	of	Zeitpunkt des Blühbeginns			
QN		early		früh			3
		medium		mittel			5
		late		spät			7

8. Explanations on the Table of Characteristics

8.1 Explanations covering several characteristics

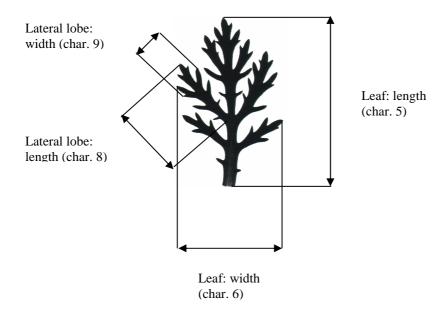
Characteristics containing the following key in the second column of the Table of Characteristics should be examined as indicated below:

(a) Leaf characteristics:

Ad. 5: Leaf: length

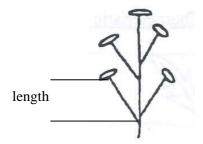
Ad. 6: Leaf: width

Ad. 8: Lateral lobe: length Ad. 9: Lateral lobe: width



- (b) All observations on the lateral lobe should be made on the longest lateral lobe of a fully grown leaf.
- 8.2 Explanations for individual characteristics

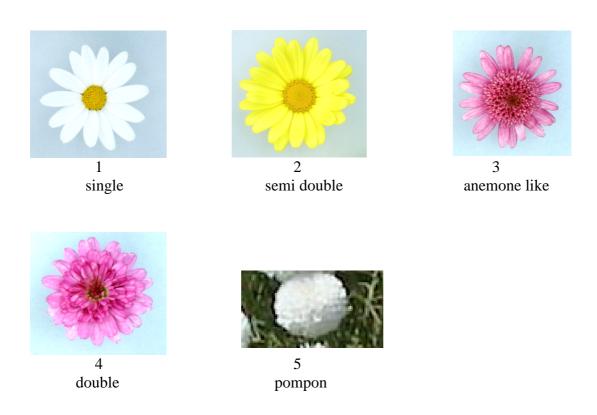
Ad. 11: Peduncle: length



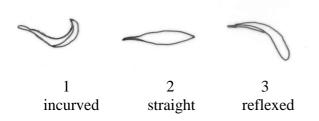
Observations to made on the largest peduncle

Ad. 12: Flower head: type

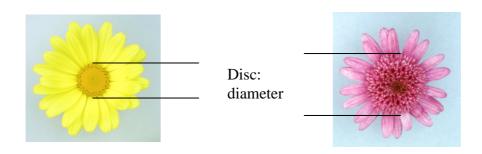
- 1. single: flower heads with one row of ray florets, and a clearly defined central disc which is always visible.
- 2. semi double: flower heads with more than one row of ray florets, and a clearly defined central disc which is always visible.
- 3. anemone like: flower heads with one or more rows of ray florets, with a central "cushion" of petaloid disc florets, which is always visible and clearly defined.
- 4. double: double flower heads where a disc is not visible in the early stages of flowering, but can be seen as the flower head opens fully. The disc is not always clearly defined.
- 5. pompon: double flower heads where a disc is not visible at any stage of flowering.



Ad. 15: Ray floret: longitudinal axis



Ad. 22: Disc: diameter



9. <u>Literature</u>

10. <u>Technical Questionnaire</u>

TECHNICAL QUESTIONNAIRE			Page {x} of {y}	Reference Number:		
				Application date: (not to be filled in by the applicant)		
	TECHNICAL QUESTIONNAIRE to be completed in connection with an application for plant breeders' rights					
1.	Subject of the Technical Questionnaire					
	1.1	Botanical name	rgyranthemum frutesce	ns (L.) Sch. Bip.		
	1.2	Common name N	Marguerite Daisy			
2.	Applic	eant				
	Name					
	Addre	ss				
	Teleph	none No.				
	Fax No	о.				
	E-mail	address				
	Breede	er (if different from app	olicant)			
3.	3. Proposed denomination and breeder's reference					
	Propos (if ava	sed denomination liable)				
	Breede	er's reference				

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

[#] 4.	Information on the breeding scheme and propagation of the variety					
	4.1	Breeding scheme				
		Variety resulting from:				
		4.1.1 Crossing				
		(a) controlled cross (please state parent varieties)	[]			
		(b) partially known cross (please state known parent variety(ies))	[]			
		(c) unknown cross	[]			
		4.1.2 Mutation (please state parent variety)	[]			
		4.1.3 Discovery and development (please state where and when discovered and how dev	[] reloped)			
		4.1.4 Other (please provide details)	[]			
	4.2	Method of propagating the variety				
		4.2.1 Vegetative propagation				
		(a) cuttings(b) in vitro propagation(c) other (state method)	[] [] []			
		4.2.2 Seed	[]			
		4.2.3 Oher (please provide details)	[]			

[#] Authorities may allow certain of this information to be provided in a confidential section of the Technical Questionnaire.

TG/ARGYR(proj.2) Marguerite Daisy, 2004-06-04 - 20 -

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
5.1 (2)	Plant: height		
	very short	Eleonora	1[]
	short	Supaglow	3[]
	medium	Supadawn	5[]
	tall	Argyraketis	7[]
	very tall	Supalight	9[]
5.2 (7)	Leaf: color of upper side		
	light green	Supaellie	1[]
	medium green	Summer Melody	2[]
	dark green		3[]
	blue green	Supacher	4[]
	grey green	Argyraketis	5[]
5.3 (12)	Flower head: type		
	single	Cobsing	1[]
	semi double		2[]
	anemone like	Supaglow	3[]
	double	Summer Melody	4[]
	pompon	Rosetta	5[]
	other (indicate type)		[]

TG/ARGYR(proj.2) Marguerite Daisy, 2004-06-04 - 21 -

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

	Characteristics	Example Varieties	Note
5.4 (13)	Flower head: diameter		
	very small	Sumfrut01	1[]
	small	Ella	3[]
	medium	Cobsing	5[]
	large	Supasurprise	7[]
	very large	Tanja	9[]
5.5i (19)	Ray floret: main color of upper side		
	RHS Colour Chart (indicate reference number)		
5.5ii (19)	Ray floret: main color of upper side		
	white		1[]
	yellow		2[]
	pink		3[]
	red		4[]
	purple		5[]
	violet		6[]
	blue		7[]
	other color (indicate which)		

TG/ARGYR(proj.2) Marguerite Daisy, 2004-06-04 - 22 -

TEC	HNICAL	QUESTI	ONNAIRE	Page {x	} of {y}	Reference N	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.									
vari	nomination ety(ies) s	* *	Characteris which your variety diff the similar va	candidate ers from	of the char for the	ne expression racteristic(s) e similar ety(ies)	Describe the expression of the characteristic(s) for your candidate variety		
(Exan	nple)		Ray floret: n			hite	pink		
[#] 7.	Additio	nal inforn	nation which i	may help	in the exami	nation 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 pro	vide details)						
7.2	Are the	re any spe	ecial condition	s for grov	ving the vari	ety or conduc	eting the examination?		
	Yes	[]		No []				
	(If yes,	please pro	vide details)						
7.3	Other in	nformation	n						
A representative color photograph of the variety should accompany the Technical Questionnaire.									

[#] Authorities may allow certain of this information to be provided in a confidential section of the Technical Questionnaire.

TG/ARGYR(proj.2) Marguerite Daisy, 2004-06-04 - 23 -

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. 9. 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) Microorganisms (e.g. virus, bacteria, phytoplasma) Yes [] No [] (b) Chemical treatment (e.g. growth retardant, pesticide) Yes [] No []	IECI	TINIC	AL QUES	110	MNAIRE	Page	{X} OI {	y }		Reference	Number:		
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		(a)	Microorg	anis	sms (e.g. vi	rus, bac	teria, pl	nytoj	plasi	ma)	Yes []	No []	
() m' 1,		(b)	Chemical treatment (e.g. growth retardant, pesticide)							icide)	Yes []	No []	
(c) Tissue culture Yes [] No []		(c)	e) Tissue culture							Yes []	No []		
(d) Other factors Yes [] No []		(d)	Other fac	tors	3						Yes []	No []	
Please provide details of where you have indicated "yes".													
10. I hereby declare that, to the best of my knowledge, the information provided in this form is correct:			eby declar	e th	at, to the be	est of m	y knowl	ledge	e, th	e informatio	n provided i	n this form	1
Applicant's name		Appl	icant's nan	ne									
Signature Date		Signa	ature							Date			