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In English only

TC/32/4

ORIGINAL: English

DATE: August 18, 1995

INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANT

GENEVA

TECHNICAL COMMITTEE

**Thirty-second Session
Geneva, October 18 to 20, 1995**

LEVEL OF INVOLVEMENT OF THE APPLICANT IN THE GROWING TESTS

Document prepared by the Office of the Union

1. At the request of the Technical Working Party for Agricultural Crops (TWA), the Office of the Union asked in 1994 for information on the level of involvement of the applicant in the growing tests. The summary of the answers received was included in document TWA/23/7. During the last session of the Technical Committee it was decided to repeat the survey (see document TC/31/6, paragraph 48) and to cover also non-agricultural species in order to have full details of the testing systems in the individual member States.
2. The present document contains the summary table of document TWA/23/7 completed with information received in response to Circular U 2268 issued by the Office of the Union. For those countries which have different systems for different groups of species, the information on each of the different groups is indicated in separate numbered columns. The meaning of the different columns for a given State is explained on page 5 of this document. Further additional remarks made by one State are reproduced in an Annex.
3. For the indication of the corresponding State, the International Standardization Organization (ISO) two-letter code has been used. The ISO Codes of the UPOV member States are as follows:

Member States of UPOV
(in alphabetical order of their ISO abbreviations in English)

AR - Argentina
AT - Austria
AU - Australia
BE - Belgium
CA - Canada
CH - Switzerland
CZ - Czech Republic
DE - Germany
DK - Denmark
ES - Spain
FI - Finland
FR - France
GB - United Kingdom
HU - Hungary
IE - Ireland
IL - Israel
IT - Italy
JP - Japan
NL - Netherlands
NO - Norway
NZ - New Zealand
PL - Poland
SE - Sweden
SK - Slovakia
US - United States of America
UY - Uruguay
ZA - South Africa

LEVEL OF INVOLVEMENT OF THE APPLICANT IN THE GROWING TESTS

(Y = Yes, N = No)

	AR	AT	AU	BE	CA	CZ1	CZ2	DK	DE	ES1	ES2	FR1	FR2	GB	HU1	HU2	IL1	IL2	IT	JP1	JP2	JP3	NL1	NL2	N01	N02	N03	NZ1	NZ2	NZ3	NZ4	NZ5	PL1	PL2	PL3	SK	SE	US	UY	ZA	Nr.						
1) Deposit of seed in a central place																																															
a) with the national authority	N	Y	N	Y	Y	Y	Y	.	Y	Y	Y	Y	Y	Y	.	.	Y	Y	Y	Y	.	Y	Y	Y	Y	Y	.	Y	Y	.	Y	.	Y	Y	N	N	Y	Y	Y	Y	Y	1 a)					
b) in another place (please specify)	Y	.	Y	.	N	N	N	.	.	N	N	N	N	N	N	.	N	N	N	Y ⁶	Y	.	N	N	N	N	1 b)						
2) Deposit of vegetative propagating material in a central place																																															
a) with the national authority	N	N	N	.	N	Y	Y	.	Y	Y	Y	Y	.	Y	N	N	Y	Y	Y	N	N	N	Y	Y	N	N	N	N	.	Y	Y	Y	Y	2 a)						
b) in another place (please specify)	Y	.	Y	.	N	N	N	.	.	N	N	N	.	N	Y	Y	.	.	.	Y	Y	Y	Y	.	.	Y	.	Y	N	N	Y ⁶	N	.	N	N	N	2 b)						
3) Preparation of a special protocol (technical guidelines) for each species left to the applicant	N	N	.	N	N	N	N	.	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N	N	3				
4) Preparation by the national authority of a rough protocol	.	N	.	N	N	N	N	.	N	N	N	N	N	N	.	N	N	N	N	Y	Y	Y	N	Y ⁴	N	N	N	.	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	4			
5) Preparation by the national authority of a very detailed protocol	Y	Y	.	N	Y	Y	Y	.	Y	N	N	Y	Y	Y	Y	N	Y	Y	N	N	N	N	Y	Y	Y	Y	Y	.	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	5				
6) Selection by the national authority of similar varieties to be grown	N	N	N	N	N	Y	Y	.	Y	N	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	.	Y	N	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	6					
7) Selection by the national authority of example varieties to be grown	N	N	N	Y	N	Y	Y	.	Y	N	N	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	.	Y	N	Y	N	Y	Y	Y	Y	Y	N	Y	Y	7						
8) Technical training by the national authority of applicant	N	N	Y	Y	N	N	N	.	N	N	N	N	Y	N	.	.	N	N	N	N	N	N	N	N	N	N	N	N	.	N	N	N	N	Y	Y	Y	N	N	N	N	N	8					
9) Accreditation by the national authority of qualified applicants	N	N	Y	N	N	N	N	.	N	N	N	Y	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	9				
10) Accreditation by the national authority of qualified technical experts other than the applicant	N	N	Y	N	N	N	N	.	N	N	N	Y	N	N	N	N	N	N	N	Y	Y	Y ³	N	N	N	N	Y	N	N	.	.	N	N	Y	N	N	N	N	N	N	N	10					
11) Only one visit per year by examiner of the national office to growing tests	N	N	Y	N	Y	N	N	.	N	N	N	Y	N	N ¹	N	N	N	N	N	Y	Y	Y	N	N	N	N	N	.	N	.	Y	N	N	N	N	N	N	N	N	N	11						
12) Multiple visits per year by examiner of the national office to growing tests	N	N	N	Y	N	N	Y	.	Y	N	N	Y	N	Y ¹	Y	Y	Y	Y	Y	N	N	N	Y	Y	Y	Y	Y	.	Y	.	N	Y	Y	Y	Y	Y	Y	N	N	Y	12						

	AR	AT	AU	BE	CA	CZ1	CZ2	DK	DE	ES1	ES2	FR1	FR2	GB	HU1	HU2	IL1	IL2	IT	JP1	JP2	JP3	NL1	NI.2	N01	N02	N03	NZ1	NZ2	NZ3	NZ4	NZ5	PL1	PL.2	PL3	SK	SE	US	UY	ZA	Nr.			
13) Publication by the national authority of a preliminary decision	Y	N	Y	N	Y	N	N	N	N	N	N	N	N	Y	N	Y	N	N	N	Y	Y	Y	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N	Y	N	13			
14) 100% cost recovery required by the national authority (Please indicate percentage of cost recovery if <100%)	N	Y	Y	Y	Y50	N	N	N	20	20	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	35	N25	14
15) Premises of growing tests belong to																																												
a) National Authority	.	Y	.	Y	.	Y	N	Y	Y	Y	Y	Y	Y	Y	.	.	Y	.	Y	Y	.	Y	Y	Y	Y	Y	Y	Y	Y	.	Y	Y	N	Y	Y	15 a)				
b) Applicant or breeder	Y	.	Y	.	Y	Y	Y	Y	Y ¹	Y	Y	.	Y	.	Y	Y	Y	Y	Y	N	.	15 b)			
c) Other (please specify)	Y	.	.	Y ²	Y ³	.	.	.	Y	Y	Y	Y	Y	.	.	Y ⁴	.	.	N	N	.	15 c)		
16) Recording of observations of characteristics is done by																																												
a) National Authority	.	Y	.	Y	.	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	.	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	.	.	Y	Y	.	Y	Y	.	Y	Y	N	Y	Y	16 a)			
b) Applicant or breeder	Y	.	Y	.	Y	N	N	.	Y	N	.	Y	.	.	.	Y	Y	Y	Y	Y	N	.	16 b)			
c) Other (please specify)	N	N	.	.	Y ²	Y	.	Y	.	Y	Y	.	.	Y ⁴	.	.	N	N	.	16 c)			
17) Preparation of test report is done by																																												
a) National Authority	.	Y	.	Y	.	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	.	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	.	.	Y	Y	.	Y	Y	.	Y	Y	N	Y	Y	17 a)			
b) Applicant or breeder	Y	.	Y	.	Y	N	.	Y	Y	Y	N	.	17 b)		
c) Other (please specify)	Y ²	Y	.	Y	.	Y	.	.	Y ⁴	.	.	N	N	.	17 c)				
18) Preparation of preliminary decision is done by																																												
a) National Authority	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	.	Y	.	Y	Y	Y	18 a)		
b) Applicant or breeder	N	N	N	.	18 b)	
c) Other (Please specify)	Y ²	Y	Y ⁴	.	.	N	N	.	18 c)			
19) Preparation of final decision is done by																																												
a) National Authority	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	19 a)	
b) Applicant or breeder	N	N	N	.	19 b)	
c) Other (please specify)	N	N	N	.	19 c)		

1 Where tested on applicant's premises (currently hops and sweet peas)
 2 Where tested abroad. belongs to foreign authority. reports prepared by foreign authority
 3 As an assistant for an examiner
 4 With some "new" crops

5 At the premises of the KAVB (Royal Dutch Bulb Growers' Association) because of the presence of a reference collection only in some bulbous crops
 6 DUS/tests are carried out (in order of COBORU) by the Department of Nursery Management and Variety Assessment which is the subsidiary unit of the Institute for Pomology and Floriculture.

**EXPLANATION OF THE MEANING OF THE DIFFERENT
COLUMNS FOR CERTAIN STATES**

CZ1 = All crops except Group CZ2
CZ2 = Ornamental shrubs and ornamental trees

ES1 = All crops except fruit trees
ES2 = Fruit trees

FR1 = Vegetables
FR2 = Field crops

HU1 = Vegetables
HU2 = Other than vegetables

IL1 = All crops except fruit species
IL2 = Fruit species

NL1 = Agricultural and vegetable crops
NL2 = Ornamentals

NO1 = Cereals
NO2 = Grasses
NO3 = Berries

NZ1 and NZ2 = Agricultural varieties
NZ3 = Roses
NZ4 = Ornamentals other than roses
NZ5 = fruit

JP1 = Agricultural crops, vegetables
JP2 = Fruit trees
JP3 = Ornamental plants

PL1 = Agricultural crops, vegetables
PL2 = Ornamental plants
PL3 = Fruit trees and berry plants

[Annex follows]

ANNEX

Notes: NZ3 - Roses

1. Rose bushes are supplied to the central PVR rose trial site in the Palmerston North City Gardens.
2. There is a permanent extensive collection of rose varieties in the vicinity of the rose trial site. (This includes the reference collection of protected rose varieties.) The designated rose experts advise the examiner if additional similar varieties are required.
3. There are officially appointed rose experts who advise the examiner on DUS. The term "accredited" is not used.
4. Palmerston North City Council.

Notes: NZ4 - Ornamentals other than roses.

1. For these kinds of plants there is official testing at a site designated by the applicant, usually the applicant's premises.
2. With many kinds of ornamentals the applicant must deposit reference plants either at the PVR Office or at a site specified by the PVR Office.

In all cases plants of the candidate variety, and if necessary of the most similar variety(ies), must be made available for inspection.

3. In a very few cases, involving a species in respect of which we had little knowledge or there was little expertise available, we have prepared a less detailed protocol than usual.
4. The selection is usually based upon advice from a designated expert for the genus or species.
5. We designate a person as an expert for a particular genus and species. Such a person is chosen because he or she has a good knowledge of existing varieties of the taxon. The expert advises upon the DUS of candidate varieties. We do not use the term "accredited".
6. The preparation of the test report may be carried out by the examiner, or alternatively by a person living closer to the test site and contracted by the PVR examiner.

If the work is done by the examiner he may make one or more visits to the growing tests depending on the kind of plant. If the work of variety description is carried out by a person other than the examiner, the examiner would not normally visit the growing tests.

7. Occasionally the applicant may designate premises other than his own for the growing tests.

Notes: NZ5 - Fruit Varieties

1. The testing of fruit is normally carried out by the Government research institute HortResearch. HortResearch follows a DUS testing protocol prepared by the PVR Office.

Payment for the cost of preparing each test report is made by the applicant concerned directly to HortResearch.

2. Reproductive material is deposited at the research orchard at which the variety will be tested, eg:
 - apples, pears, nectarines and peaches at HortResearch, Havelock North.

3. The selection of similar varieties and/or example varieties is made by HortResearch in consultation with the designated experts for the genus or species. Normally HortResearch will have a complete collection of existing varieties growing at the test site.

4. Exceptionally, if we consider the applicant to be competent to do so, as in the case of a Government fruit breeder, we will agree to the applicant recording the characteristics and preparing the test report.

5. We do not use the term "accreditation".

However we accept test reports from HortResearch staff in the knowledge that the specified test protocol has been followed. This is perhaps *de facto* accreditation.

We also seek advice upon DUS from designated experts for the genus or species.

6. HortResearch.

[End of document]