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UPOV

TC/XXII/5

ORIGINAL: English

DATE: October 15, 1986

INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS

GENEVA

TECHNICAL COMMITTEE

Twenty-Second Session
Geneva, November 20 and 21, 1986

REVISION OF THE UPOV MODEL FOR A REPORT ON TECHNICAL EXAMINATION

Document prepared by the Office of the Union

Annex I to this document contains a draft for a variety description model prepared by the Office of the Union on the basis of the results of the discussions held in the Technical Working Parties. Annex II contains a practical example of a variety description according to the model contained in Annex I, which uses the same data as was supplied by the experts from the Federal Republic of Germany in Annex II of document TC/XXI/6. Details of the remarks of the Technical Working Parties on document TC/XXI/6 are reproduced in paragraphs 75 to 77 of document TC/XXII/3.

[Two Annexes follow]

.....
Application number

.....
Applicant (name and address)

UPOV VARIETY DESCRIPTION FORM

.....
Botanical name of taxon

.....
Testing authority

.....
Common name of taxon

.....
Reference number assigned by testing authority

.....
Breeder's reference

.....
Testing place

19.. to 19..

.....
Variety denomination

.....
Period of testing

.....
Date and document number of UPOV
Test Guidelines

.....
Date of issue of document

.....
Date and/or document number of
national test guidelines

UPOV No.	National No.	CHARACTERISTICS	STATES OF EXPRESSION	NOTE	REMARKS
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A. Grouping Characteristics Used:
(to be repeated in the proper place)

B. Characteristics Included in the UPOV Test Guidelines or National Test Guidelines:

C. Similar Varieties and Differences in Relation to Those Varieties:

Denomination of Varieties:

Differences (only those characteristics should be indicated that show sufficient differences to establish distinctness)

D. Additional Information:

Additional Data: (specific additional information which would be useful for certain species, to be fixed by the Technical Working Parties when establishing the Test Guidelines concerned, e.g. Origin, Breeding History, Photograph, Diagram, Shadowgraph, information that might be of interest to the certification authorities)

Remarks:

ANNEX II

GW 649	W. von Borries-Eckendorf oHG
.....	Postfach 1206
Application number	D-4817 Leopoldshöhe 3
.....
	Applicant (name and address)

UPOV VARIETY DESCRIPTION FORM

Hordeum vulgare L.	Federal Plant Varieties Office,
.....	Federal Republic of Germany
Botanical name of taxon
	Testing authority
Winter Barley	same as application number
.....
Common name of taxon	Reference number assigned by testing authority
ECK. 210978	Rethmar
.....
Breeder's reference	Testing place
Andrea	1982 to 1984
.....
Variety denomination	Period of testing
1981-10-26, TG/19/7	September 16, 1985
.....
Date and document number of UPOV Test Guidelines	Date of issue of document
March 1981	
.....	
Date and/or document number of national test guidelines	

UPOV No.	National No.	CHARACTERISTICS	STATES OF EXPRESSION	NOTE	REMARKS
A. Grouping Characteristics Used:					
(*) 2	2	Lower leaves: hairiness of leaf sheaths	present		
(*)13	17	Ear: number of rows	more than two		
(*)26	26	Grain: rachilla hair type	long		
(*)30	29	Grain: hairiness of ventral furrow	absent		
(*) 4	4	Flag leaf: anthocyanin coloration of auricles	present		
B. Characteristics Included in the UPOV Test Guidelines or National Test Guidelines:					
(*) 1	1	Plant: growth habit	intermediate to semi-prostrate	6	
(*) 2	2	Lower leaves: hairiness of leaf sheaths	present	9	
	3	Lower leaves: intensity of hairiness of leaf sheaths	medium	5	
	3	Flag leaf: attitude	recurved	5	
(*) 4	4	Flag leaf: anthocyanin coloration of auricles	present	9	
(*) 5	5	Flag leaf: intensity of anthocyanin coloration of auricles	weak	3	
	7	Flag leaf: length of leaf blade	medium to long	6	
	8	Flag leaf: width of leaf blade	medium to broad	6	

UPOV No.	National No.	CHARACTERISTICS	STATES OF EXPRESSION	NOTE	REMARKS
6	10	Flag leaf: glaucosity of sheath	medium to strong	6	
7	9	Time of ear emergence (first spikelet visible on 50% of ears)	medium to late	6	
8	11	Awns: anthocyanin coloration of the tips	present	9	
9	12	Awns: intensity of anthocyanin coloration of the tips	weak	3	
(*)10	13	Ear: glaucosity	weak to medium	4	
11	14	Ear: attitude	horizontal to semi-drooping	6	
(*)12	15	Plant: height (stem and ear)	medium to long	6	
(*)13	17	Ear: number of rows	more than two	2	
14		Ear: shape	n o t r e c o r d e d		
(*)15	18	Ear: density	medium	5	
(*)16	19	Awn: length compared with ear	longer	3	
(*)17	20	Awn: spiculation of margins	present	9	
18		Rachis: length of first segment	n o t r e c o r d e d		
19		Rachis: curvature of first segment	n o t r e c o r d e d		
20	21	<u>Two-rowed barley only:</u> Rachis: bumping of segments (in mid-third of ear)	n o t a p p l i c a b l e		
21	22	<u>Barley with more than 2 rows only:</u> Rachis: degree of zigzag (alignment of segments in mid-third of ear)	medium	5	
(*)22	23	Sterile spikelet: attitude (as for 20)	n o t a p p l i c a b l e		
23		Sterile spikelet: length of lemma (as for 20)	n o t a p p l i c a b l e		
24	24	Sterile spikelet: shape of tip (as for 20)	n o t a p p l i c a b l e		
25	25	Median spikelet: length of glume and awn relative to grain	longer	3	
(*)26	26	Grain: rachilla hair type	long	2	
(*)27	27	Grain: husk	present	9	
(*)28	16	Grain: anthocyanin coloration of nerves of lemma	weak	3	
(*)29	28	Grain: spiculation of inner lateral nerves of lemma	strong	7	
(*)30	29	Grain: hairiness of ventral furrow	absent	1	
31		Grain: disposition of lodicules	n o t r e c o r d e d		
32	30	Kernel: color of aleurone layer	colored	2	
(*)33	31	Seasonal type	alternative type	2	
34		Reaction to DDT	n o t r e c o r d e d		

C. Similar Varieties and Differences in Relation to Those Varieties:Denomination of Varieties:

Bollo (GW 235)

Differences:

Andrea has stronger glaucosity of the flag leaf sheath (characteristic 6), "medium to strong (6)" instead of "weak to medium (4)"

D. Additional Information:Additional Data:Remarks: