Technical Working Party for Fruit Crops

Forty-Ninth Session Santiago de Chile, Chile, November 19 to 23, 2018 Original: English Date: November 29, 2018

TWF/49/11 Add.

ADDENDUM TO

MATTERS RELEVANT IN DUS EXAMINATION FOR THE FRUIT SECTOR

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This document contains copies of made at the forty-ninth session of the the Technical Working Party for Fruit Crops (TWF), as follows:

- Annex I: "Harmonisation in Apple DUS testing/exchange of samples", by an expert from the European Union;
- Annex II: "Ring Test for Strawberry" by an expert from the European Union.

[Annexes follow]

TWF/49/11 Add.

ANNEX I











nb	characteristic	type	CZ description	DE description	FR description	HU description	PL description	Sprea
24	Fruit: size	QN	6	6	7	6	7	1
25	Fruit: height	QN	5	6	5	5	5	1
26	Fruit: diameter	QN	6	6	6	6	6	0
27	Fruit: ratio height/diameter	QN	4	6	4	3	F	3
28	Fruit: general shape	PQ	7	2	7	7	CRI I	5
29	Fruit: ribbing	QN	2	2	2	2	renuz	0
30	Fruit: crowning at calyx end	QN	1	2	1	diffe	1	1
31	Fruit: size of eye	QN	5	6	7	tes .	7	2
32	Fruit: length of sepal	QN	3	5	5	2 not	7	4
33	Fruit: bloom of skin	QN	1	1	nan	1	1	0
34	Fruit: greasiness of skin	QN	1	2	retin	2	2	1
35	Fruit: ground colour	PQ	5	5	Mo' 3	5	5	2
36	Fruit: relative area of over colour	QN	5	5	5	5	6	1
37	Fruit: hue of over colour - with bloom removed	PQ	3	3	3	5	3	2
38	Fruit: intensity of over colour	QN	5	5	5	5	7	2
39	Fruit: pattern of over colour	PQ	7	7	7	3	7	4
40	Fruit: width of stripes	QN	5	6	5	7	5	2
41	Fruit: area of russet around stalk attachment	QN	1	2	2	2	2	1
42	Fruit: area of russet on cheeks	QN	1	1	1	1	2	1
43	Fruit: area of russet around eye basin	QN	1	2	1	1	1	1
44	Fruit: number of lenticels	QN	5	5	3	3	6	3
45	Fruit: size of lenticels	QN	1	2	3	3	3	2
46	Fruit: length of stalk	QN	5	5	6	6	5	1
47	Fruit: thickness of stalk	QN	4	4	5	5	5	1
48	Fruit: depth of stalk cavity	QN	3	4	5	5	6	3
49	Fruit: width of stalk cavity	QN	3	5	6	6	5	3
50	Fruit: depth of eye basin	QN	4	6	5	5	7	3
51	Fruit: width of eye basin	QN	5	6	7	7	7	2
52	Fruit: firmness of flesh	QN	3	2	5	4	3	3
53	Fruit: colour of flesh	PQ	2	2	2	1	2	1
E.A.	Easth another of logidae (in transverse contine)	ON	2	2	2	2		

E											1
nb characterístic	type	nga	PL Rewena	DE Rewena	Fuji BC NR 2	Pilot	Prema 96	Daliclass	Inored	Sekzie	Idared
24 Fruit: size	ON	1	3	1	2	1	1	1	1	1	1
25 Fruit: height	ON	2	2	3	2	1	1	2	2	3	1
26 Fruit: diameter	ON	2	1	2	2	1	1	1	1	2	2
27 Fruit: ratio height/diameter	ON	2	6	6	3	2	3	2	1	2	3
28 Fruit: general shape	PQ	0	4	3	5	1	6	2	2	1	1
29 Fruit: ribbing	QN	1	2	1	1	1	0	2	1	1	1
30 Fruit: crowning at calyx end	QN	1	1	1	1	1	1	1	1	1	1
31 Fruit: size of eye	QN	5	1	1	3	1	4	1	2	4	2
32 Fruit: length of sepal	QN	3	2	3	2	2	3	2	2	2	2
33 Fruit: bloom of skin	QN	1	0	1	1	0	1	1	1	1	0
34 Fruit: greasiness of skin	QN	2	0	1	2	1	1	1	0	0	1
35 Fruit: ground colour	PQ	2	3	1	2	0	3	0	2	3	4
36 Fruit: relative area of over colour	QN	2	1	2	1	2	1	2	1	2	2
37 Fruit: hue of over colour - with bloom removed	PQ	3	2	2	2	2	1	2	2	3	2
38 Fruit: intensity of over colour	QN	3	2	2	2	3	1	3	2	1	2
39 Fruit: pattern of over colour	PQ	3	5	5	5	5	0	4	1	5	2
40 Fruit: width of stripes	QN	2	2	2	4	4	0	2	0	0	3
41 Fruit: area of russet around stalk attachment	QN	1	0	0	1	2	1	1	1	1	1
42 Fruit: area of russet on cheeks	QN	0	0	0	0	0	0	0	0	0	0
43 Fruit: area of russet around eye basin	QN	0	0	0	0	0	0	0	0	0	1
44 Fruit: number of lenticels	QN	1	4	4	0	2	2	3	2	2	2
45 Fruit: size of lenticels	QN	4	2	2	4	2	2	3	2	3	1
46 Fruit: length of stalk	QN	2	2	2	1	1	3	2	2	3	2
47 Fruit: thickness of stalk	QN	1	1	2	1	2	1	2	1	0	1
48 Fruit: depth of stalk cavity	QN	2	2	1	1	1	2	2	2	3	2
49 Fruit: width of stalk cavity	QN	4	1	2	2	2	3	2	1	1	1
50 Fruit: depth of eye basin	QN	2	1	1	1	1	3	3	2	0	1
51 Fruit: width of eye basin	QN	2	2	1	2	2	5	3	1	1	2
52 Enuit: firmness of flesh	ON	1	3	2	1	2	2	2	1	2	1



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nb	characteristic	type	Countr	egut	PL Rewena	DE Rewena	Fuji BC NR 2	Pilot	Prema 96	Daliclass
25	Fruit: height	ON	A	50	64	62	55	64	47	62
25	Fruit: height	QN	В	68.2	68.3	61.1	69.8	63.5	53.8	65.7
25	Fruit: height	QN	C	68.3	67.8	59.6	63.7	62.9	51.3	69.9
25	Fruit: height	QN	D	43.1	43.3	41.7	42.8	40.0	33.3	44.1
25	Fruit: height	QN	E	67.8	68.7	60.8	68.0	59.9	51.4	66.1
26	Fruit: diameter	QN	A	79	53	53	69	62	49	56
26	Fruit: diameter	QN	В	88.4	64.9	59	78.6	72.1	61.1	71.5
26	Fruit: diameter	QN	C	89.0	66.9	58.0	72.8	70.0	59.2	72.1
26	Fruit: diameter	QN	D	55.6	43.2	43.3	49.9	48.0	38.3	47.2
26	Fruit: diameter	QN	E	88.7	68.6	62.0	77.1	70.5	60.4	71.7
27	Fruit: ratio height/diameter	QN	A	0.63	1.21	1.17	0.8	1.04	0.98	1.1
27	Fruit: ratio height/diameter	QN	В	0.77	1.05	1.04	0.89	0.88	0.88	0.92
27	Fruit: ratio height/diameter	QN	C	0.8	1.0	1.0	0.9	0.9	0.9	1.0
27	Fruit: ratio height/diameter	QN	D	0.8	1.0	1.0	0.9	0.8	0.9	0.9
27	Fruit: ratio height/diameter	QN	E	0.8	1.0	1.0	0.9	0.9	0.9	0.9







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ANNEX II









Bearing type	Denomination	Breeder/Right Holder	Sources (breeder or a supplier source authorized by the breeder for protected varieties)	Official Variety Description (VD) fo the Community righ
Not	Clery	CIV		Bundessortenamt
remontant	Gariguette	Bred by INRA, French PBR expired in 1998	CIV (IT)	-
Partially remontant	Sweet Charlie	Florida Foundation Seed Producers Inc.	Angiers International (FR)	Bundessortenamt
	Camarosa	The Regents University of California	CIV (IT)	OEVV
Fully remontant	Albion	The Regents University of California	COVIRO (IT)	DGAV
	Murano	CIV	CIV (IT)	Bundessortenamt
Day neutral	Portola	The Regents University of California	COVIRO (IT)	DGAV
	Everest	Edward Vinson Limited	Edward Vinson Limited	Bundessortenamt

	2016	2017	2018	2019
Planning: activities, varieties, budget Agreement				
Intermediate meetings (Spain and Portugal)				
Collection of data - 1 st growing cycle				
Intermediate meetings (Germany and Poland)				
Collection of data - 2 nd growing cycle				
Final meeting (France, CPVO)				
Final report				























