

“CIUENLAI”

Cyclanthera pedata (L.) Schrad.

Scheda descrittiva morfologica

I caratteri morfologici della cultivar locale tradizionale di Caigua (*Cyclanthera pedata*) denominata “Ciuenlai” sono stati descritti seguendo le indicazioni del questionario tecnico dell’Unione Internazionale per la protezione delle Novità Vegetali (UPOV) che fa riferimento al cetriolo (*Cocumis sativus* L.) (la specie morfologicamente più affine a *Cyclanthera pedata*) in quanto UPOV non dispone di linee guida tecnico-descrittive per *Cyclanthera pedata*.



PROTOCOL FOR TESTS ON DISTINCTNESS, UNIFORMITY AND STABILITY

Cucumis sativus L.

CUCUMBER and GHERKIN

UPOV Code: CUCUM_SAT

Adopted on 19/03/2019

Entry into force on 19/03/2019

7. TABLE OF CHARACTERISTICS

CPVO N°	UPOV N°	Stage, Method	Characteristics	Examples	Note	
1. (+)	1. (*)	VG	Cotyledon: bitterness			
			QL	X absent	Rocket GS, Sandra	1
G			present	Farbio	9	
2.	2. (*)	VG	Plant: growth type			
			QL	X indeterminate	Corona, Levina	2
			determinate	Bush Crop, Shachal	1	
3. (+)	3.	MG/MS	Plant: total length of first 15 internodes			
			QN	X very long 80 - 150 cm	Cerrucho	9
				very short		1
				short	Kora, Maram, Naf	3
				medium	Marketmore	5
			long	Avir, Nimbus, Pepinex 69	7	
4. (+)	4.	VG	Leaf blade: attitude			
			QN	X horizontal	Jazzer	2
				erect	Akito	1
			drooping	Nabil	3	
5. (+)	5.	MS/VG	Leaf blade: length			
			QN	X medium 7 - 15 cm	Briljant	5
				short	Adam	3
			long	Corona	7	
6. (+)	6.	MS/VG	Leaf blade: ratio length of terminal lobe/length of blade			
			QN	X small rapporto: 1/5 - 1/4	Galileo	3
				very small	Delikatess	1
				medium	Corona	5
				large	Melody	7
			very large	Defense	9	

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7.	7.	VG	Leaf blade: shape of apex of terminal lobe		
(+)		(a)	X acute	Delikatess	1
PQ			right-angled	Hana	2
			obtuse	Melody	3
			rounded	Jizzer	4
8.	8.	VG	Leaf blade: intensity of green colour		
QN		(a)	X light	De Russie	3
			medium	Rocket GS, Stereo	5
			dark	Marketmore, Sandra, Tokyo Slicer	7
			very dark	Akito	9
9.	9.	VG	Leaf blade: blistering		
QN		(a)	absent or very weak	Silor	1
			weak	Pepinex 69, Rocket GS	3
			medium	Monir	5
			X strong diametro : <0.5 mm colore: bianco o verde chiaro	Tokyo Slicer	7
			very strong		9
10.	10.	VG	Leaf blade: undulation of margin		
QN		(a)	X absent or weak	Jizzer	1
			moderate		2
			strong	Tokyo Slicer	3
11.	11.	VG	Leaf blade: dentation of margin		
QN		(a)	very weak	Jizzer	1
			weak	Hana, Silor	3
			medium	Susan	5
			strong	Travito	7
			X very strong	Moneta	9

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12.	12.	MG	Time of development of female flowers (80% of plants with at least one female flower)	Agosto (nell'aera dove è tradizionalmente coltivata)	
QN			early	Avir	3
			medium		5
			late	Fin de Meaux, Riesenschäl	7
13.	13.	VG	Plant: sex expression		
(+)	(*)	(b)	X monoecious	Hokus	1
QL			subgynoecious	Toska 70	2
			gynoecious	Farbio, Sandra, Wilma	3
G			hermaphrodytic	Sunsweet	4
14.	14.	VG	Plant: number of female flowers per node		
(+)		(b)	predominantly one	Dasher, Faraón	1
QN			X predominantly one or two	Brunex, Marumba	2
			predominantly two	Corona	3
			predominantly two or three	Tempo	4
			predominantly three or four	Tornac	5
			predominantly four or five	Melody	6
			predominantly more than five	Olympos	7
15.	15.	VG	Ovary: colour of vestiture	Verde	
(+)	(*)				
QL		(b)	white	Jizzer	1
G			black	Vert petit de Paris	2
16.	16.	VG	Parthenocarpy		
(+)	(*)				
QL			X absent	Toska 70	1
G			present	Farbio, Rocket GS, Sandra, Wilma	9

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17.	17.	MS/VG (*) (c)	Fruit: length		
			very short	De Russie, Sunsweet	1
			X short 6 - 10 cm		3
			medium	Gemini, Jazzer	5
			long	Corona	7
G		very long		9	
18.	18.	MS/VG (c)	Fruit: diameter		
			small	Picobello, Wilma	3
			X medium 2,5 - 3,5 cm	Corona, Diamant	5
		large	Delikatess, Riesenschäl	7	
19.	19.	MS/VG (*) (c)	Fruit: ratio length/diameter ~ 3 - 4		
			very small	Sunsweet	1
			small	Akord, Sonate	3
			medium	Jazzer, Picobello, Wilma	5
			large	Corona	7
		very large	Kyoto 3 Feet	9	
20.	20.	VG (c)	Fruit: core diameter in relation to diameter of fruit		
			very small		1
			small	Riesenschäl, Telepathy	3
			medium	Corona	5
			X large	Vert petit de Paris	7
		very large	Sunsweet	9	
21.	21.	VG (+) (c)	Fruit: shape in transverse section		
			X round	Telepathy , Susan	1
			round to angular	Dasher	2
QN		angular	Anico, Gele Tros, Regal	3	

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22.	22.	VG	Fruit: shape of stem end		
(+)	(*)	(c)	necked	Sandra, Tasty Green	1
PQ			X acute	De Massy	2
			obtuse	Maram, Score	3
23.	23.	VG	<u>Only necked varieties:</u> Fruit: length of neck		
QN		(c)	very short		1
			short	Saskia	3
			medium	Corona, Telepathy	5
			long	Kamaron	7
			very long	Tasty Green	9
24.	24.	VG	Fruit: shape of calyx end		
(+)		(c)	X acute	Dardos	1
PQ			obtuse	Reno	2
			rounded	Bellissima	3
			truncate	Medusa	4
25.	25.	VG	Fruit: ground colour of skin at market stage		
(+)	(*)		white	Bonneuil	1
PQ			yellow	Gele Tros	2
G			X green	Corona	3
26.	26.	VG	<u>Excluding white varieties:</u> Fruit: intensity of ground colour of skin (as for 25)		
QN			X light		3
			medium		5
			dark		7
27.	27.	VG	Fruit: ribs		
(+)	(*)	(c)	X absent or weak	Darius, Diana	1
QN			medium	Sprint	2
			strong	Vert petit de Paris	3

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28.	28.	VG	Fruit: sutures		
(+)	(*)	(c)	X absent	Corona, Hana	1
QL			present	Nabil, Silor	9
29.	29.	VG	Fruit: creasing		
(+)	(*)	(c)	X absent	Jazzer	1
QL			present	Corona, Nabil	9
30.	30.	VG	Fruit: degree of creasing		
QN		(c)	very weak	Silor	1
			weak	Nabil	3
			medium	Corona, Galileo	5
			strong	Grizzly	7
			very strong	Suyo Long	9
31.	31.	VG	Fruit: type of vestiture		
(+)	(*)	(c)	X hairs only	Silor	1
QL			hairs and prickles	De Bourbonne, De Massy	2
			prickles only	Corona, Jazzer	3
32.	32.	VG	Fruit: density of vestiture		
QN		(c)	X very sparse	Vert petit de Paris	1
			sparse		3
			medium	Tasty Green	5
			dense	Silor, Suyo Long	7
			very dense	Moneta, Parmel	9
33.	33.	VG	<u>Only varieties with white ovary vestiture (char. 15): Fruit: colour of vestiture</u>		
	(*)	(c)	white	Jazzer	1
PQ			light brown	Akito	2
			dark brown	Satina	3

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34.	34.	VG (*) (c)	Fruit: warts		
			X absent	Diana	1
QL			present	Chinese Slangen, Dumex, Regal	9
35.	35.	VG (c)	Fruit: size of warts		
			very small	Parmel	1
			small	Jazzer	3
			medium	Regal	5
			large	Chinese Slangen	7
			very large	Tasty Green	9
36.	36.	VG (+) (c)	Fruit: length of stripes		
			X absent or very short		1
			short	Astrea	3
			medium	Breso	5
			long	Pioneer, Tokyo Slicer	7
			very long	Suyo Long	9
37.	37.	VG (*) (c)	Fruit: dots		
			absent	Sensation	1
QL			X present	Delicatesse, Hanpaku-Fushinari, Sagami-Fanpaku, White Sun	9
38.	38.	VG (+) (c)	Fruit: distribution of dots		
			in bands only	Vert petit de Paris	1
			predominantly in bands	Levina	2
			X evenly distributed	Sagami-Fanpaku	3
39.	39.	VG (c)	Fruit: length of fruit containing dots		
			distal 1/3		1
			distal 1/2		2
			distal 2/3		3
			X excluding area around peduncle		4
			whole length		5

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40.	40.	VG	Fruit: density of dots		
(+)		(c)	X very sparse		1
QN			sparse	Raider	3
			medium	Le Généreux	5
			dense	Mesa, Paro	7
			very dense	Carnito, Hanpaku-Fushinari, White Sun	9
41.	41.	VG	Fruit: glaucosity		
(+)		(c)	X absent or very weak	Corona	1
QN			weak	Crispina, Joen-bakdadaki	3
			medium	Jizzer, Nakdong-chungjang	5
			strong	Dongji-chungjang	7
			very strong		9
42.	42.	MS/VG	Fruit: length of peduncle		
QN		(c)	X short	Admirable	3
			medium	Femdan	5
			long	Pepinex 69	7
43.	43.	VG	Fruit: ground colour of skin at physiological ripeness		
(+)		(c)	white		1
PQ			yellow		2
			X green		3
			orange		4
			brown	Vert petit de Paris	5
44.	44.	VG/VS	Resistance to <i>Cladosporium cucumerinum</i> (Ccu)		
(+)					
QL			absent	Cherubino, Frontera, Pepinex 69	1
G			present	Corona, Marketmore 76, Sheila	9

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45.	45.	VG/VS	Resistance to <i>Cucumber mosaic virus</i> (CMV)		
(+)			susceptible	Bosporus, Corona, Ventura	1
QN			moderately resistant	Capra, Gardon, Verdon	2
G			highly resistant	Naf, Picolino	3
46.	46.	VG/VS	Resistance to Powdery mildew (<i>Podosphaera xanthii</i>) (Px)		
(+)			susceptible	Corona, Ventura	1
QN			moderately resistant	Flamingo	2
G			highly resistant	Aramon, Bella, Cordoba	3
47.	47.	VG/VS	Resistance to Downy mildew (<i>Pseudoperonospora cubensis</i>) (Pcu)		
(+)			absent	Pepinex 69, Wisconsin	1
QL			present	Poinsett 76	9
48.	48.	VG/VS	Resistance to <i>Corynespora blight and target leaf spot</i> (<i>Corynespora cassiicola</i>) (Cca)		
(+)					
QL			absent	Bodega, Pepinova	1
G			present	Corona, Cumlaude	9
49.	49.	VG/VS	Resistance to <i>Cucumber vein yellowing virus</i> (CVYV)		
(+)					
QL			absent	Korinda, Corona, Ventura	1
G			present	Dina, Summerstar, Tornac	9
50.	50.	VG/VS	Resistance to <i>Zucchini yellow mosaic virus</i> (ZYMV)		
(+)			absent	Corona, Hilton, Ventura	1
QL			present	Dina, Summerstar, Thunder	9
51.	51.	VG/VS	Resistance to <i>Cucurbit yellow stunting disorder virus</i> (CYSDV)		
(+)			absent	Burgos, Castro, Corona	1
QL			present	Atalaya, Fortyca	9