

1.	(*)		(+)	(a)		
		Tree: growth habit	Arbre : port	Baum: Wuchsform	Árbol: hábito de crecimiento	
		upright	dressé	aufrecht	erecto	Corne, Sorrento, Daifeng, Zhonglin 1, Fenghui, Xinzaofeng, Daixiang
		semi-upright	demi-dressé	halbaufrecht	semierecto	Franquette, Hartley, Marbot, Liaoning 1, Liaoning 4, Shaanhe 1, Chuanhe 2, Alsószentiváni 117
		spreading	étalé	breitwüchsig	extendido	Gustine, Payne, Shangsong 6, Vina, Jinfeng, Jinlong 1, Jinlong 2, Xilin 2, Zhonglin 5, Luguang, Milotai 10
						1 2 3

Ad. 1: Tree: growth habit



1
upright



2
semi-upright



3
spreading

2.		(+)	(a), (b)		
	Tree: branching	Arbre : ramification	Baum: Verzweigung	Árbol: ramificación	
	weak	faible	gering	escasa	Vina, Chico, Huashan 5, Shangluo 3, Xisiyu 1
	medium	moyenne	mittel	media	Franquette, Hartley, Marbot, Shangsong 6, Lübo, Xinzaofeng, Qinyou 1, Chuanhe 2
	strong	forte	stark	abundante	Corne, Jinfeng, Liaoning 1, Liaoning 4, Parisienne, Shaanhe 1, Xiangling, Xilin 2, Zhonglin 1, Zhonglin 5, Luguang, Daixiang, Luguang 2, Xifu 2
					3 5 7

Ad. 2: Tree: branching

Observations should relate to the number of branches with the degree of branching being indicated by the density of lateral branches and shoots, excluding fruiting shoots.

3.	(*)		(+)	(b)		
		Bud: shape	Bourgeon : forme	Knospe: Form	Yema: forma	
		circular	circulaire	kreisförmig	circular	Jinlong 1, Xiangling, Xilin 2, Zhonglin 1, Luguang, Xinzaofeng, Daixiang, Lugu 2, Milotai 10
		semi-circular	semi-circulaire	halb kreisförmig	semicircular	Fenghui
		triangular	triangulaire	dreieckig	triangular	Liaoning 4, Zhenzhuhetao, Chuanhe 2
						1
						2
						3

Ad. 3: Bud: shape

Observations on buds should be made on terminal buds of branches.

4.	(*)		(+)			
		Lateral leaflet: shape	Foliole latérale : forme	Seitenfiederblatt: Form	Folíolo lateral: forma	
		narrow elliptic	elliptique étroite	schmal elliptisch	elíptico estrecho	Hartley, Payne, Shangsong 6, Vina, Daifeng, Liaoning 1, Daixiang
		medium elliptic	elliptique moyenne	mittel elliptisch	elíptico medio	Corne, Franquette, Marbot
		broad elliptic	elliptique large	breit elliptisch	elíptico ancho	Chase D 9, Adam 10
						3
						5
						7

Ad. 4: Lateral leaflet: shape

Observations on leaflets should be made on lateral leaves from the middle part of the canopy on the sunny side.



3
narrow elliptic



5
medium elliptic



7
broad elliptic

7.	(*)		(c)			
		Female flower: intensity of yellow color of stigma	Fleur femelle : intensité de la couleur jaune du stigmat	Weibliche Blüte: Intensität der gelben Farbe der Narbe	Flor femenina: intensidad del color amarillo del estigma	
		light	claire	hell	claro	Daifeng, Daixiang, Milotai 10
		medium	moyenne	mittel	medio	Jinlong 1, Jinlong 2, Xiangling, Zhonglin 1, Zhonglin 5, Xinzaofeng
		dark	foncée	dunkel	oscuro	Xifu 2
						1
						2
						3

8.	(*)		(+)			
		Fruit: setting type	Fruit : type de position	Frucht: Ansatztyp	Fruto: tipo de fructificación	
		solitary	solitaire	einzeln	en solitario	Jinlong 1, Milotai 10
		binate	par deux	doppelt	en pares	Daifeng, Jinlong 1, Liaoning 1, Liaoning 4, Xiangling, Xilin 2, Zhonglin 5, Luguang, Fenghui, Daixiang, Luguo 2
		fascicled	en paquet	in Büscheln	en fascículos	Shaanhe 1
		bunchy	en grappe	in Trauben	en racimos	Chuanzihetao
						1
						2
						3
						4

Ad. 8: Fruit: setting type



1
solitary

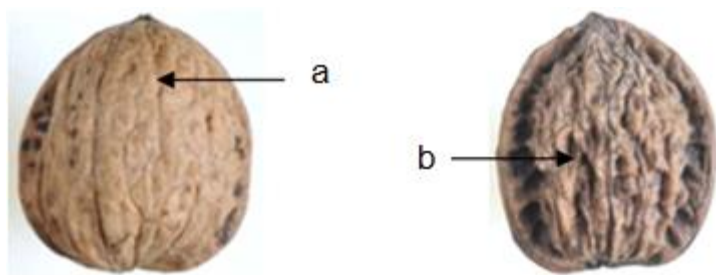
2
binate

3
fascicled

4
bunchy

20.		(+)	(d)			
	Nut: structure of surface of shell	Noix : structure de la surface de la coque	Nuß: Oberflächenstruktur der Schale	Nuez: estructura de la superficie de la cáscara		
	slightly grooved	peu sillonnée	kaum gefurcht	ligeramente acanalada	Liaoning 1, Liaoning 4, Luguang	1
	moderately grooved	moyennement sillonnée	mäßig gefurcht	moderadamente acanalada	Chico, Jinlong 1, Jinlong 2, Lübo, Xiangling, Fenghui, Xinzaofeng, Milotai intenziv	2
	strongly grooved	fortement sillonnée	stark gefurcht	intensamente acanalada	Hartley, Xilin 2, Tiszacsécsi 83	3
	embossed	bosselée	höckerig	protuberancias irregulares	Erbazi	4

Ad. 20: Nut: structure of surface of shell



a = grooved
b = embossed

25. (*)		(e)				
	Kernel: color of endopleura	Cerneau : couleur du tégument	Kern: Farbe der inneren Samenhaut	Semilla: color de la endopleura		
	white	blanc	weiß	blanco	Jinmian 2	1
	yellowish white	blanc jaunâtre	gelblich weiß	blanco amarillento	Liaoning 1, Eszterhazy II	2
	yellow	jaune	gelb	amarillo	Daifeng, Milotai 10	3
	red	rouge	rot	rojo	Hongranghetao, Honghetao	4
	purple	violet	purpurn	púrpura	Chuanhe 2, Sychrov	5
	yellow brown	marron jaune	gelbbraun	marrón amarillento	Baipihetao	6
	light brown	marron clair	hellbraun	marrón claro	Shangsong 6, Alsószentiváni 117	7
	medium brown	marron moyen	mittelbraun	marrón medio	Zhonglin 5	8
	dark brown	marron foncé	dunkelbraun	marrón oscuro		9

28.		(+)				
	Time of beginning of female flowering	Époque de début de floraison femelle	Zeitpunkt des Beginns der weiblichen Blüte	Época de inicio de la floración femenina		
	early	précoce	früh	temprana	Sorrento, Chase D 9, Lübo, Xilin 2, Luguao 2	3
	medium	moyenne	mittel	intermedia	Marbot, Daifeng, Luguang, Fenghui, Daixiang, Milotai 10	5
	late	tardive	spät	tardía	Jinlong 1, Jinlong 2, Liaoning 1, Liaoning 4, Milotai kései, Bonifac	7

Ad. 28: Time of beginning of female flowering

The time of beginning of female flowering should be observed when 5% of the female flowers are in full bloom (at full development of stigmas).

1.						
	Young plant: color of stem	Jeune plante : couleur de la tige	Junge Pflanze: Farbe des Triebs	Planta joven: color del tallo		
	green	verte	grün	verde	Ishigaki Sango	1
	yellowish green	vert jaunâtre	gelblichgrün	verde amarillento	Tainung N° 1	2
	brown	brune	braun	marrón	Tangkai hitam	3
	green and purple	verte et pourpre	grün und purpurn	verde y púrpura	Sunrise	4
	purple	pourpre	purpurn	púrpura		5

3. (*)						
	Plant: branching	Plante : ramification	Pflanze: Verzweigung	Planta: ramificación		
	absent	absente	fehlend	ausente	Ishigaki Sango, Sunrise, Maradol	1
	present	présente	vorhanden	presente		9

5. (*)		(+)	(a)			
	Stem: number of nodes	Tige : nombre de nœuds	Stängel: Anzahl Knoten	Tallo: número de nudos		
	few	petit	gering	bajo	Ishigaki Sango	3
	medium	moyen	mittel	medio	Tainung N° 1, Sunrise	5
	many	grand	groß	alto	Semangko	7

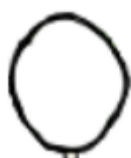
Ad. 5: Stem: number of nodes

The number of nodes should be observed from the ground up to the first flower.

14.			(b)			
	Petiole: anthocyanin coloration	Pétiole : pigmentation anthocyanique	Blattstiel: Anthocyanfärbung	Pecíolo: pigmentación antociánica		
	absent or very weak	absente ou très faible	fehlend oder sehr gering	nula o muy leve	Ishigaki Sango	1
	medium	moyenne	mittel	media	Tainung N° 1, Sunrise	3
	very strong	très forte	sehr stark	muy intensa		5

23. (*)		(+)	(d)			
	Fruit: ratio length/ width in hermaphrodite plants	Fruit : rapport longueur/largeur sur les plantes hermaphrodites	Frucht: Verhältnis Länge/Breite bei zwittrigen Pflanzen	Fruto: relación longitud/anchura en plantas hermafroditas		
	low	bas	klein	baja	Sunrise, Eksotika	3
	medium	moyen	mittel	media	Ishigaki Sango, Sekaki	5
	high	élevé	groß	alta	Cera, Dampit	7

Ad. 23: Fruit: ratio length/ width in hermaphrodite plants



3
low



5
medium



7
high

29.		(+)	(d)			
	Fruit: shape of stalk end	Fruit : forme de l'extrémité pédonculaire	Frucht: Form des Stielendes	Fruto: forma del extremo peduncular		
	pointed	pointue	spitz	puntiagudo	BT-1	1
	rounded	arrondie	abgerundet	redondeado	Semangko	2
	truncate	tronquée	stumpf	truncado	Sunrise	3
	depressed	déprimée	eingesunken	deprimido	Ishigaki Sango, Du Roi Solo	4

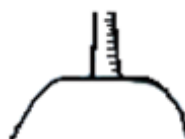
Ad. 29: Fruit: shape of stalk end



1
pointed



2
rounded



3
truncate



4
depressed

31.	(*)		(+)	(d)		
		Fruit: main color	Fruit : principale couleur	Frucht: Hauptfarbe	Fruto: color principal	
		green	verte	grün	verde	Sari Gading 1
		yellow green	verte jaune	gelblichgrün	verde amarillento	BT-K, Sabah Yellow 2
		yellow	jaune	gelb	amarillo	Tainung N° 1, Kapoho, Amarela 3
		medium orange	orange moyen	mittelorange	anaranjado medio	Ishigaki Sango, Maradol, Mulata 4
		dark orange	orange foncé	dunkelorange	anaranjado oscuro	Dampit, Mamey 5

Ad. 31: Fruit: main color

The main color is the color with the largest surface area. In cases where the areas of the main and secondary color are too similar to reliably decide which color has the largest area the darkest color is considered to be the main color.

33.			(d)			
		Fruit: surface texture	Fruit : texture de la surface	Frucht: Beschaffenheit der Oberfläche	Fruto: textura de la superficie	
		smooth	lisse	glatt	lisa	Callina, Paris 3
		medium	moyenne	mittel	media	Carisya 5
		rough	rugueuse	rauh	áspera	Sukma 7

36.		(+)	(d)			
		Fruit: firmness of flesh	Fruit : fermeté de la chair	Frucht: Fleischfarbe	Fruto: firmeza de la pulpa	
		soft	molle	weich	blanda	Cera 3
		medium	moyenne	mittel	media	Maradol 5
		firm	ferme	fest	firme	Sunrise, Sekaki 7

Ad. 36: Fruit: firmness of flesh

To be assessed with the help of a penetrometer.

47.		(+)				
	Seed: ratio length/width	Graine : rapport longueur/largeur	Samen: Verhältnis Länge/Breite	Semilla: relación longitud/anchura		
	low	bas	gering	baja	BT-1	1
	medium	moyen	mittel	media	Tainung N° 1, Sunrise	2
	high	élevé	hoch	alta		3

Ad. 47: Seed: ratio length/width



1
low

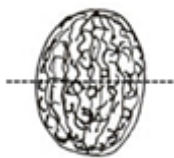


2
medium

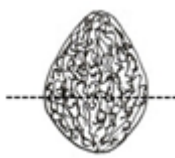


3
high

48.		(+)				
	Seed: position of broadest part	Graine : position de la partie la plus large	Samen: Position der breitesten Stelle	Semilla: posición de la parte más ancha		
	at middle	au milieu	in der Mitte	en el medio	Sunrise	1
	slightly towards base	légèrement vers la base	leicht zur Basis hin	ligeramente hacia la base	Tainung N° 1	2
	clearly towards base	nettement vers la base	stark zur Basis hin	claramente hacia la base		3



1
at middle



2
slightly towards base



3
clearly towards base

Ad. 48: Seed: position of broadest part

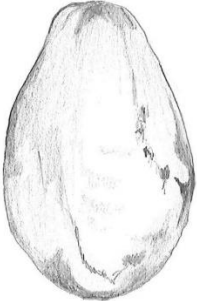
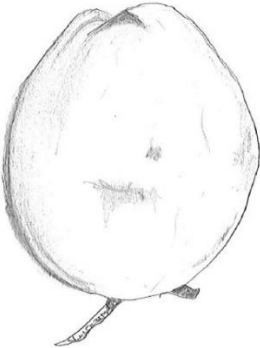
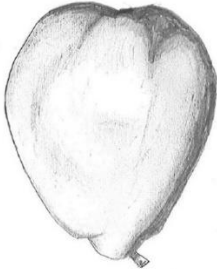
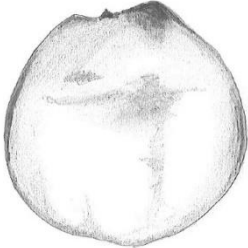
1. (*) (+)	Leaf: attitude of lower leaves	Feuille : port des feuilles de la base	Blatt: Haltung der unteren Blätter	Hoja: porte de las hojas inferiores	
(a)	upwards	dressées	aufwärts gerichtet	orientadas hacia arriba	1
	outwards	horizontales	abstehend	orientadas hacia el exterior	Malayan Tall, Tagnanan Tall 2
	downwards	retombantes	abwärts gerichtet	orientadas hacia abajo	Brazilian Green Dwarf Jiqui, Malayan Red Dwarf, Malayan Yellow Dwarf 3

Ad. 1: Young plant: number of leaves

Should be observed 6 months after germination.

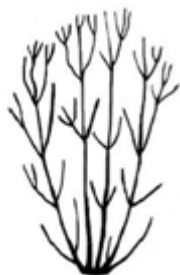
2. (*) (+)	Fruit: shape	Fruit : forme	Frucht: Form	Fruto: forma		
(d)	ovate	ovale	eiförmig	oval	Brazilian Green Dwarf Jiqui, West African Tall Green	1
	circular	circulaire	kreisförmig	circular	Costa Chica, Tagnanan Tall Green	2
	elliptic	elliptique	elliptisch	elíptico	Acapulco, Malayan Red Dwarf, Malayan Yellow Dwarf	3
	obovate	obovale	verkehrt eiförmig	oboval	Brazilian Tall Praia do Forte	4

Ad. 27: Fruit: shape

← broadest part →			
below middle		at middle	above middle
narrow (high) → width (ratio length/width) broad (low) ←	 1 ovate		
		 3 elliptic	 4 obovate
		 2 circular	

1. (*)		(+)				
	Plant: growth habit	Plante : port	Pflanze: Wuchsform	Planta: hábito de crecimiento		
	upright	dressé	aufrecht	erguido	Edward Goucher	1
	semi-upright	semi-dressé	halbaufrecht	semierguido	Minaud	2
	rounded	arrondi	abgerundet	redondeado	Minpan	3
	spreading	étalé	breitwüchsig	extendido	Lynn	4

Ad. 1: Plant: growth habit



1
upright



2
semi-upright



3
rounded

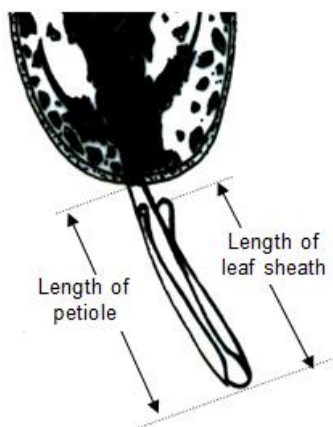


4
spreading

22. (*)		(f), (g)				
	Sepal: number	Sépale : nombre	Kelchblatt: Anzahl	Sépalo: número		
	only two	seulement deux	nur zwei	solo dos	Edward Goucher	1
	only four	seulement quatre	nur vier	solo cuatro	Francis Mason	2
	only five	seulement cinq	nur fünf	solo cinco		3
	two to five	deux à cinq	zwei bis fünf	entre dos y cinco	Minaud	4

3. (*)		(+)				
	Leaf sheath: length	Gaine de la feuille : longueur	Blattscheide: Länge	Vaina de la hoja: longitud		
	absent or very short	absente ou très courte	fehlend oder sehr kurz	ausente o muy corta	World Heritage	1
	short	courte	kurz	corta	Bebadary	3
	medium	moyenne	mittel	media	Pritty	5
	long	longue	lang	larga	Katharngen	7

Ad. 3: Leaf sheath: length



17. (*) (+)	Leaf blade: type of incisions of margin	Limbe : type d'incisions du bord	Blattspreite: Art der Randeinschnitte	Limbo: tipo de incisiones del borde		
(a)	biserrate	bidenticulé	doppelt gesägt	biserradas	Tommy White	1
	serrate	denticulé	gesägt	serradas	Erma	2
	serrate to dentate	denticulé à denté	gesägt bis gezähnt	de serradas a dentadas	Jazz Blush Pink	3
	dentate	denté	gezähnt	dentadas	Variegated Cape GC	4
	dentate to crenate	denté à crénelé	gezähnt bis gekerbt	de dentadas a crenadas	Amanda	5
	crenate	crénelé	gekerbt	crenadas	Cloud Nine	6

Ad. 17: Leaf blade: type of incisions of margin

