

Technical Working Party for Agricultural Crops
TWA/54/4
Fifty-Fourth Session
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PARTIAL REVISION OF THE TEST GUIDELINES FOR SWEET POTATO
Document prepared by an expert from Japan
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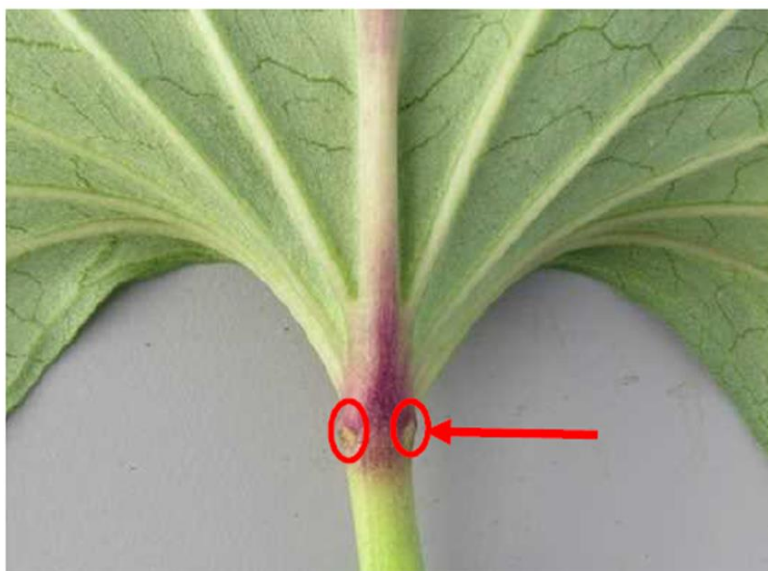
1. The purpose of this document is to present a proposal for a partial revision of the Test Guidelines for Sweet Potato (document TG/258/1).
2. The Technical Working Party for Agricultural Crops (TWA), at its fifty-third session¹, agreed that the Test Guidelines for Sweet Potato (*Ipomoea batatas* (L.) Lam.) be partially revised (see document TWA/53/9 “Report”, Annex II).
3. The following changes are proposed:
 - (a) Addition of a new characteristic and explanation “Leaf blade: anthocyanin coloration of nectary” after characteristic 16 “Young leaf blade: main color on upper side”
 - (b) Revision of characteristic and explanation 19 “Storage root: shape”
 - (c) Revision of example varieties of characteristic 23 “Storage root: secondary color of skin”
 - (d) Revision of characteristic 24 “Storage root: main color of flesh”
4. The proposed changes are presented below in highlight and underline (insertion) and ~~striketrough~~ (deletion).

¹ held via electronic means, from May 27 to 30, 2024

Proposed addition of a new characteristic “Leaf blade: anthocyanin coloration of nectary” after characteristic 16
“Young leaf blade: main color on upper side”

	English	français	deutsch	español	Example Varieties/ Exemples/ Beispielssorten/ Variedades ejemplo	Note/ Nota
17.	VG	Leaf blade: anthocyanin coloration of nectary				
QN	absent or very weak				Tamayutaka, Koukei14	1
	weak				Shiroyutaka	2
	medium				Suiou	3
	strong				Beniazuma, Koganesengan	4
	very strong					5

Ad. 17: Leaf blade: anthocyanin coloration of nectary

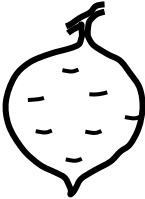
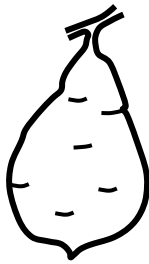


Observations should be made on the pair of nectaries located on the abaxial or underside of the leaf blade at the base.

Proposed revision of characteristic 19 "Storage root: shape"*Current wording*

19. (*) (+)	VG	Storage root: shape	Racine de réserve : forme	Speicherwurzel: Form	Raíz tuberosa: forma	
PQ	(e)	ovate	ovale	eiförmig	oval	1
		elliptic	elliptique	elliptisch	elíptica	2
		obovate	obovale	verkehrt eiförmig	oboval	Geonmi
		oblong	oblongue	rechteckig	oblonga	Serolane
		irregular	irrégulière	unregelmäßig	irregular	Shinyulmi
						5

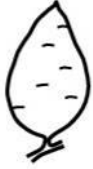
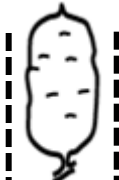
Ad. 19: Storage root: shape

		< position of broadest part >		
		below middle	at middle	above middle
< lateral outline >	rounded	 1 ovate	 2 elliptic	 3 obovate
	oblong	 4 oblong		
	irregular	 5 irregular		

Proposed new wording

19. (*) (+)	VG	Storage root: shape	Racine de réserve : forme	Speicherwurzel: Form	Raíz tuberosa: forma	
PQ	(e)	ovate	ovale	eiförmig	oval	1
		<u>circular</u>	<u>circulaire</u>	<u>kreisförmig</u>	<u>circular</u>	2
		elliptic	elliptique	elliptisch	elíptica	<u>Koukei14</u> 3
		<u>oblong</u>	<u>oblongue</u>	<u>rechteckig</u>	<u>oblonga</u>	<u>Serolane</u> 4
		<u>linear</u>	<u>linéaire</u>	<u>linear</u>	<u>lineal</u>	<u>Sweet Caroline Right Green</u> 5
		obovate	obovale	verkehrt eiförmig	oboval	Geonmi, <u>Koqanesengan</u> 6
		<u>oblong</u>	<u>oblongue</u>	<u>rechteckig</u>	<u>oblonga</u>	<u>Serolane</u> 7
		irregular	irrégulière	unregelmäßig	irregular	Shinyulmi 7

Ad. 19: Storage root: shape

		broadest part		
		below middle	at middle	above middle
relative width	narrow		 5 linear	
	medium	 1 ovate	 (rounded) 3 elliptic  (parallel) 4 oblong	 6 obovate
	broad		 2 circular	
irregular		 7 irregular		

Proposed revision of characteristic 23 “Storage root: secondary color of skin”*Current wording*

	English	français	deutsch	español	Example Varieties/ Exemples/ Beispielssorten/ Variedades ejemplo	Note/ Nota
23. VG	Storage root: secondary color of skin	Racine de réserve : couleur secondaire de la peau	Speicherwurzel: Sekundärfarbe der Schale	Raíz tuberosa: color secundario de la piel		
QN	absent	absente	fehlend	ausente	Koganesengan	1
	white	blanche	weiß	blanco	Tamayutaka	2
	yellow	jaune	gelb	amarillo		3
	orange	orange	orange	anaranjado		4
	pink	rose	rosa	rosa	Koukei 14	5
	red	rouge	rot	rojo	Nakamurasaki	6
	purple	pourpre	purpurn	púrpura	Benikomachi	7
	brown	brune	braun	marrón	Koganesengan	8

Proposed new wording

	English	français	deutsch	español	Example Varieties/ Exemples/ Beispielssorten/ Variedades ejemplo	Note/ Nota
23. VG	Storage root: secondary color of skin	Racine de réserve : couleur secondaire de la peau	Speicherwurzel: Sekundärfarbe der Schale	Raíz tuberosa: color secundario de la piel		
QN	absent	absente	fehlend	ausente	Koganesengan, Beniazuma	1
	white	blanche	weiß	blanco	Tamayutaka	2
	yellow	jaune	gelb	amarillo		3
	orange	orange	orange	anaranjado		4
	pink	rose	rosa	rosa	Koukei 14	5
	red	rouge	rot	rojo	Nakamurasaki	6
	purple	pourpre	purpurn	púrpura	Benikomachi	7
	brown	brune	braun	marrón	Koganesengan	8

Proposed revision of characteristic 24 “Storage root: main color of flesh”

Current wording

24. (*) (+)	VG	Storage root: main color of flesh	Racine de réserve : couleur de la chair	Speicherwurzel: Hauptfarbe des Fleisches	Raíz tuberosa: color principal de la pulpa		
PQ	(e)	white	blanche	weiß	blanco	Hayanmi, Shirosengan	1
		beige	beige	beige	beige	Nakamurasaki, Koukei 14	2
		yellow	jaune	gelb	amarillo	Benikomachi, Yulmi	3
		orange	orange	orange	anaranjado	Benihayato, Hayatoimo, Juhwangmi	4
		purple	pourpre	purpurn	púrpura	Ayamurasaki, Borami	5

Proposed new wording

24. (*) (+)	VG	Storage root: main color of flesh	Racine de réserve : couleur de la chair	Speicherwurzel: Hauptfarbe des Fleisches	Raíz tuberosa: color principal de la pulpa		
PQ	(e)	white	blanche	weiß	blanco	Hayanmi, Shirosengan	1
		beige light yellow brown	beige brun-jaune clair	beige hellgelbbraun	beige marrón amarillento claro	Nakamurasaki , Koukei 14	2
		yellow	jaune	gelb	amarillo	Benikomachi, Yulmi	3
		orange	orange	orange	anaranjado	Benihayato, Hayatoimo, Juhwangmi	4
		pink	rose	rosa	rosa		5
		red	rouge	rot	rojo		6
		purple red	rouge-pourpre	purpurrot	rojo púrpura	Origin Ruby	7
		purple	pourpre	purpurn	púrpura	Ayamurasaki, Borami	8

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