

Enlarged Editorial Committee

TC-EDC/Mar19/8

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**PARTIAL REVISION OF THE TEST GUIDELINES FOR WATERMELON***Document prepared by an expert from the Netherlands**Disclaimer: this document does not represent UPOV policies or guidance*

1. The purpose of this document is to present a proposal for a partial revision of the Test Guidelines for Watermelon (document TG/142/5).
2. The Technical Working Party for Vegetables (TWV), at its fifty-second session, held in Beijing, China, from September 17 to 21, 2018, considered a proposal for a partial revision of the Test Guidelines for Watermelon (*Citrullus lanatus* (Thunb.) Matsum. et Nakai) on the basis of documents TG/142/5 and TWV/52/7 "Partial Revision of the Test Guidelines for Watermelon" and proposed the following revisions to the Test Guidelines for Watermelon (see document TWV/52/20 "Report", paragraph 76):
  - (a) Proposal to change states of expression and notes of Characteristic 35 "Only diploid and tetraploid varieties: Seed: area of over color in relation to that of ground color"
  - (b) Proposal to change type of expression, states of expression and notes of Characteristic 36 "Only diploid and tetraploid varieties: Seed: patches at hilum"
  - (c) Proposal to change the explanations of Characteristics 33 "Only diploid and tetraploid varieties: Seed: ground color of testa", 34 "Only diploid and tetraploid varieties: Seed: over color of testa", Characteristic 35 "Only diploid and tetraploid varieties: Seed: area of over color in relation to that of ground color" and Characteristic 36 "Only diploid and tetraploid varieties: Seed: patches at hilum"

Proposal to change states of expression and notes of Characteristic 35 “Only diploid and tetraploid varieties: Seed: area of over color in relation to that of ground color”

*Current wording:*

	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
35. VG (+)	<b><u>Only diploid and tetraploid varieties:</u></b> Seed: area of over color in relation to that of ground color	<b><u>Variétés diploïdes et tétraploïdes</u></b> <b><u>seulement</u></b> : Graine : surface du lavis par rapport à celle de la couleur de fond	<b><u>Nur diploide und tetraploide Sorten:</u></b> Samen: Anteil der Deckfarbe im Vergleich zur Grundfarbe	<b><u>Sólo variedades diploides y tetraploides:</u></b> Semilla: área del color superior en relación con el del color de fondo		
QN (d)	very small	très petite	sehr klein	muy pequeña	Estela roja	1
	small	petite	klein	pequeña	Sugar Baby	3
	medium	moyenne	mittel	media	Crimson Sweet	5
	large	grande	groß	grande	Furia	7
	very large	très grande	sehr groß	muy grande	Starlich	9

*Proposed new wording*

	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
35. VG (+)	<b><u>Only diploid and tetraploid varieties:</u></b> Seed: area of over color in relation to that of ground color	<b><u>Variétés diploïdes et tétraploïdes</u></b> <b><u>seulement</u></b> : Graine : surface du lavis par rapport à celle de la couleur de fond	<b><u>Nur diploide und tetraploide Sorten:</u></b> Samen: Anteil der Deckfarbe im Vergleich zur Grundfarbe	<b><u>Sólo variedades diploides y tetraploides:</u></b> Semilla: área del color superior en relación con el del color de fondo		
QN (d)	<b><u>absent or</u></b> very small	<b><u>absente ou</u></b> très petite	<b><u>fehlend oder</u></b> sehr klein	<b><u>ausente o</u></b> muy pequeña	Estela roja	1
	small	petite	klein	pequeña	Sugar Baby	3
	medium	moyenne	mittel	media	Crimson Sweet	5
	large	grande	groß	grande	Furia	7
	very large	très grande	sehr groß	muy grande	Starlich	9

Proposal to change type of expression, states of expression and notes of Characteristic 36 "Only diploid and tetraploid varieties: Seed: patches at hilum"

*Current wording:*

	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
36. VG (+)	<b><u>Only diploid and tetraploid varieties:</u></b> Seed: patches at hilum	<b><u>Variétés diploïdes et tétraploïdes</u></b> <b><u>seulement</u></b> : Graine : taches sur le hile	<b><u>Nur diploide und tetraploide Sorten:</u></b> Samen: Flecken am Nabel	<b><u>Sólo variedades diploides y tetraploides:</u></b> Semilla: manchas en el hilo		
QN (d)	absent or very weak	absentes ou très faibles	fehlend oder sehr schwach	ausentes o muy débil	Daisen, Kahô	1
	medium	moyennes	mittel	media	Kurobe, Rattle Snake, Yamato 3	2
	strong	fortes	stark	fuerte		3

*Proposed new wording*

	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
36. VG (+)	<b><u>Only diploid and tetraploid varieties:</u></b> Seed: patches at hilum	<b><u>Variétés diploïdes et tétraploïdes</u></b> <b><u>seulement</u></b> : Graine : taches sur le hile	<b><u>Nur diploide und tetraploide Sorten:</u></b> Samen: Flecken am Nabel	<b><u>Sólo variedades diploides y tetraploides:</u></b> Semilla: manchas en el hilo		
QN QL	<del>absent or very weak</del>	<del>absentes ou très faibles</del>	<del>fehlend oder sehr schwach</del>	<del>ausentes o muy débil</del>	Daisen, Kahô	1
	<del>medium</del>	<del>moyennes</del>	<del>mittel</del>	<del>media</del>	<del>Kurobe, Rattle Snake, Yamato 3</del>	<del>2</del>
	<del>strong</del>	<del>fortes</del>	<del>stark</del>	<del>fuerte</del>		<del>3</del>
	<u>present</u>	<u>présentes</u>	<u>vorhanden</u>	<u>presentes</u>		<u>9</u>

Proposal to change the explanations of Characteristics Characteristics 33 “Only diploid and tetraploid varieties: Seed: ground color of testa”, 34 “Only diploid and tetraploid varieties: Seed: over color of testa”, Characteristic 35 “Only diploid and tetraploid varieties: Seed: area of over color in relation to that of ground color” and Characteristic 36 “Only diploid and tetraploid varieties: Seed: patches at hilum”

*Current wording*

Ad. 33: Only diploid and tetraploid varieties: Seed: ground color of testa

The ground color is the first color of the testa to appear during the development of the seed. The over color is the color that develops over time upon the ground color, and appears as black spots.



Ad. 34: Only diploid and tetraploid varieties: Seed: over color of testa

The ground color is the first color of the testa to appear during the development of the seed. The over color is the color that develops over time upon the ground color, and appears as black spots.



Ad. 35: Only diploid and tetraploid varieties: Seed: area of over color in relation to that of ground color

The ground color is the first color of the testa to appear during the development of the seed. The over color is the color that develops over time upon the ground color, and appears as black spots.



Ad. 36: Only diploid and tetraploid varieties: Seed: patches at hilum



*Proposed new wording*

Ad. 33: Only diploid and tetraploid varieties: Seed: ground color of testa

The ground color is the first color of the testa to appear during the development of the seed. The over color is the color that develops over time upon the ground color, and appears as black spots.



Photos 1, 2, 3, 4, 5, 7: Courtesy of KANDA Seed Co.

Ad. 34: Only diploid and tetraploid varieties: Seed: over color of testa

The ground color is the first color of the testa to appear during the development of the seed. The over color is the color that develops over time upon the ground color, and appears as black spots. Observations should be made excluding black seeds.

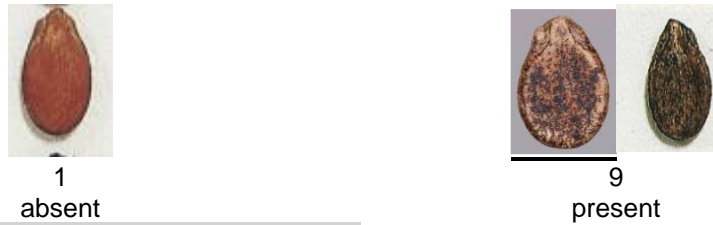


Photo 1(left), Photo 9(right): Courtesy of KANDA Seed Co.

Ad. 35: Only diploid and tetraploid varieties: Seed: area of over color in relation to that of ground color

The ground color is the first color of the testa to appear during the development of the seed. The over color is the color that develops over time upon the ground color, and appears as black spots. The patches directly around the hilum should be excluded from the observation.



Ad. 36: Only diploid and tetraploid varieties: Seed: patches at hilum

Observations should be made excluding black seeds.



1

absent or very weak



2

medium



3

strong



9

present

*Photo 1 (left): Courtesy of KANDA Seed Co.*

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