

Technical Committee

TC/58/29.

Fifty-Eighth Session
Geneva, October 24 and 25, 2022Original: English
Date: October 5, 2022**PARTIAL REVISION OF THE TEST GUIDELINES FOR WHEAT***Document prepared by an expert from the United Kingdom**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 Wheat (document TG/3/12).
2. The background to the proposed partial revision of the Test Guidelines for Wheat is presented in document TC/58/2 “Test Guidelines”.
3. The Technical Working Party for Agricultural Crops (TWA), at its fifty-first session¹, considered a proposal for a partial revision of the Technical Questionnaire (TQ) of the Test Guidelines for Wheat (*Triticum aestivum* L. emend. Fiori et Paol.) on the basis of document TWP/6/10 “Revision of Test Guidelines”, paragraph 25 and Annex X. The TWA agreed to propose the inclusion of the following characteristics in the TQ (characteristics for inclusion indicated in highlight and underline) (see document TWA/51/11 “Report”, paragraph 91):

Char. No.	(*)	Characteristic Name
1		<u>Seed: color</u>
7	(*)	Time of ear emergence
10	(*)	<u>Ear: glaucosity</u>
12	(*)	Lower glume: hairiness on external surface
13	(*)	Plant: length
14	(*)	Straw: pith in cross section
17	(*)	Ear: scurs or awns
19	(*)	Ear: color
20		<u>Ear: shape in profile</u>
27	(*)	Seasonal type

4. The proposed additions to TQ 5 are presented in highlight and underline.

¹ held in Cambridge, United Kingdom, from May 23 to 27, 2022

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5. Characteristics of the variety to be indicated (the number in brackets refers to the corresponding characteristic in Test Guidelines; please mark the note which best corresponds).

Characteristics	Example Varieties	Note
5.1 Seed: color (1)		
<u>white</u>	<u>(w) SY Ideo, (s) Blini</u>	1 []
<u>reddish</u>	<u>(w) Solehio, (s) Granary</u>	2 []
<u>purple</u>	<u>(w) Indigo</u>	3 []
<u>bluish</u>	<u>(w) Skorpion</u>	4 []
5.1.2 Time of ear emergence (7)		
very early	(w) Accor, (s) Badiel	1 []
very early to early		2 []
early	(w) Solehio, (s) Sensas	3 []
early to medium		4 []
medium	(w) Sotchy CS, (s) Granary	5 []
medium to late		6 []
late	(w) Rosario, (s) Triso	7 []
late to very late		8 []
very late	(w) Adequat	9 []
5.3 Ear: glaucosity (10)		
<u>absent or very weak</u>	<u>(w) Soissons</u>	1 []
<u>very weak to weak</u>		2 []
<u>weak</u>	<u>(w) Calobre, (s) Panifor</u>	3 []
<u>weak to medium</u>		4 []
<u>medium</u>	<u>(w) Solehio, (s) Granary</u>	5 []
<u>medium to strong</u>		6 []
<u>strong</u>	<u>(w) Edgar, (s) Specifik</u>	7 []
<u>strong to very strong</u>		8 []
<u>very strong</u>	<u>(w) Waximum</u>	9 []
5.2.4 Lower glume: hairiness on external surface (12)		
absent	(w) Soissons, (s) Triso	1 []
present	(w) Franz, (s) Galera	9 []

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Characteristics	Example Varieties	Note
5.3 5 (13) Plant: length		
very short	(w) Fronton	1 []
very short to short		2 []
short	(w) Apache, (s) Lennox	3 []
short to medium		4 []
medium	(w) Solehio, (s) FD 1 24	5 []
medium to long		6 []
long	(w) Antonius	7 []
long to very long		8 []
very long	(w) Capo	9 []
5.4 6 (14) Straw: pith in cross section		
thin	(w) SY Moisson, (s) FD 1 24	1 []
medium	(w) Apache, (s) Granary	2 []
thick or filled	(w) Synchro, (s) Olivart	3 []
5.5 7 (17) Ear: scurs or awns		
both absent	(s) Gorda	1 []
scurs present		2 []
awns present		3 []
5.6 8 (19) Ear: color		
white		1 []
colored		2 []
5.9 (20) Ear: shape in profile		
<u>tapering</u>	<u>(w) Solveiq, (s) Tybalt</u>	<u>1 []</u>
<u>parallel sided</u>	<u>(w) Solehio, (s) Granary</u>	<u>2 []</u>
<u>slightly clavate</u>	<u>(w) Homeros</u>	<u>3 []</u>
<u>strongly clavate</u>	<u>(w) Vulcanus</u>	<u>4 []</u>
<u>fusiform</u>	<u>(w) Apache, (s) FD 1 24</u>	<u>5 []</u>
5.7 10 (27) Seasonal type		
winter type	(w) Solehio	1 []
alternative type	(w) SY Moisson	2 []
spring type	(s) Lennox	3 []