

Technical Working Party for Fruit Crops

TWF/50/5

Fiftieth Session

Budapest, Hungary, June 24 to June 28, 2019

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MATTERS TO BE RESOLVED CONCERNING TEST GUIDELINES PUT FORWARD FOR ADOPTION BY THE TECHNICAL COMMITTEE: BLACK WALNUT

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1. The Enlarged Editorial Committee (TC-EDC), at its meeting held in Geneva, on March 26 and 27, 2018, considered document [TG/JUGLA\(PROJ.4\)](#) and agreed that the technical issues raised on the draft Test Guidelines for Black Walnut should be addressed by the Technical Working Party for Fruit Crops (TWF).

2. The TWF, at its forty-ninth session, held in Santiago de Chile, Chile, from November 19 to 23, 2018, considered document [TWF/49/7](#) and agreed the following (see document TWF/49/12 "Report", paragraph 59):

Cover page	- to add " <i>Juglans xintermedia</i> Jacques" as synonym to " <i>Juglans nigra</i> x <i>Juglans regia</i> " - to check whether " <i>J. x paradox</i> " as hybrid binomial for " <i>Juglans hindsii</i> x <i>J. regia</i> " <i>TWF: agreed</i>
2.3	to read "5 trees (one-year-old grafts). The rootstock to be used is the progeny Ng209xRa or any other variety specified by the authority" <i>TWF: agreed</i>
3.3.3	to be moved to 3.1 <i>TWF: agreed</i>
4.2.3	to be deleted <i>TWF: agreed</i>
Char. 4	- state 1 to read "absent or rudimentary" - state 2 to read "fully developed" <i>TWF: agreed</i>
Char. 5	to delete example variety "Eurowalnut B03" <i>TWF: agreed</i>
Char. 11	to read "Catkin: presence of fully developed catkins " <i>Leading Expert: to read "Catkin: presence at D_m stage"</i> <i>TWF: to read "Catkin: presence of fully developed catkins"</i>
Char. 13	to check wording and use same approach as in Walnut (lateral/ventral view) <i>Leading Expert: yes, it should read "ventral view" as in the Test Guidelines for Walnut</i>
Char. 15	to read "Nut: shape of apex perpendicular to suture " (see char. 14 and 8.2) <i>Leading Expert: agreed</i> <i>TWF: agreed</i>
Ad. 2	to delete last sentence (covered by growth stage 2) <i>Leading Expert: agreed</i> <i>TWF: agreed</i>
Ad. 3	to read "... High 17 < number of leaflets ≤ 21 Very high 21 > number of leaflets" <i>Leading Expert: agreed</i> <i>TWF: agreed</i>
Ad. 6	to read "Female flower is considered conspicuous <u>if flowers are present</u> at stage D _f (see 8.3). Female flower is considered non conspicuous when the flowers <u>appear only</u> are observed when the leaves are fully developed." <i>Leading Expert: agreed</i> <i>TWF: agreed</i>

Ad. 11	<p>to read "Observations on the presence of fully developed catkins should be made between stages B_m and D_m (see 8.3)."</p> <p><i>Leading Expert: to keep it as it is</i></p> <p><i>TC-EDC/Oct18: What means fully developed, interaction between fully developed and growth stages/ phenological stages?</i></p> <p><i>Leading Expert: Fully developed is when polinic sacs are full. Sentence to read "Observations on the presence of fully developed catkins should be never before D_m (see 8.3)."</i></p> <p><i>TWF: to read "Observations on the presence of fully developed catkins should be made between stages B_m and D_m (see 8.3). Fully developed catkins means that the polinic sacs are full."</i></p>
Ad. 12	<p>- to check whether to be observed at stage C_m (B_m too early?)</p> <p>- to check whether Chars 11 and 12 can be observed at the same time</p> <p><i>Leading Expert: It is not that it has to be observed at stage B_m or C_m, it is in the interval from B_m to C_m. Ad 11: The expert explains that catkins sometimes can be seen badly developed at B_m, but some other times it is necessary to wait until C_m or even D_m to observe them (when this happens, they usually fall very early). So then, the proposal for Ad. 12 is: "The shape of catkins should be observed between B_m and C_m stages."</i></p> <p><i>TWF: to read "The shape of fully developed catkins should be observed between B_m and C_m stages." and Char. 12 to read "Catkins: shape of fully developed catkins"</i></p>
Ad. 13	<p>relative width scale is upside down (invert "narrow" and "broad")</p> <p><i>TWF: agreed</i></p>
Ad. 15	<p>to add "Observation should be made facing the suture."</p> <p><i>TWF: agreed</i></p>
Ads. 16, 17, 18	<p>to read "Time of ... is reached when ..."</p> <p><i>TWF: agreed</i></p>
Ad. 19	<p>to be deleted</p> <p><i>TWF: agreed</i></p>
Ad. 20	<p>to read "Time of ... is reached when ..."</p> <p><i>TWF: agreed</i></p>
8.3	<p>clarification needed on growth stages (age of trees for observation, does not correspond to growth stages) (to check whether they are needed, information covered in 3.1.3?)</p> <p><i>Leading Expert:</i></p> <p><i>Point 3.1.3 only refers to the fruit and the expert considers that it is necessary to indicate when to begin to look at a characteristic to be representative. The age of flowering is very variable between varieties so, the expert consider it is good to indicate it.</i></p> <p><i>But as it is difficult to homogenize the intervals, if needed, Point 8.3 could be removed.</i></p> <p><i>In the English version of the guidelines should say only "Phenological stages".</i></p> <p><i>Point 8.3.3.in the English "and" should be said "or".</i></p> <p><i>TC-EDC/Oct18: to check whether growth stages (1), (2), (3) to be moved to Chapter 8.1 (no growth stages, time of observation) and to clarify when observations are made</i></p> <p><i>Leading Expert:</i></p> <ul style="list-style-type: none"> - to include in point 8.1 (c) "always in full flowering of the second year, both masculine and feminin", this way it could be reduced to 1 and 2. - 8.1 (d) should also include that the minimum number of fruits to be observed is 25 per tree, per year. <p><i>TWF:</i></p> <ul style="list-style-type: none"> - 8.1 (c) to read: "Observations on flowers should be made during full flowering period, both on male and female flowers" - 8.3 (1)(2)(3) to be deleted - Chapter 8.3 to be named "phenological stages" - to indicate phenological stages in the table of characteristics (replacing growth stages) and delete reference to phenological stages from individual explanations in 8.2

3. The TWF further agreed that, due the complexity of the changes particularly in relation to Chapter 8.3 and the phenological stages, a new full draft of the Test Guidelines for Black Walnut should be prepared for the consideration by the TC-EDC at its meeting in March 2019 (see document TWF/49/12 "Report", paragraph 59).

4. During the preparation of a new full draft of the Test Guidelines for Black Walnut, the Leading Expert, Ms. Nuria Urquía Fernández (Spain), proposed further changes to those agreed by the TWF at its forty-ninth session.

5. Therefore, in agreement with the Leading Expert and the Chairperson of the TWF, Mr. Jean Maisson (European Union), the draft Test Guidelines for Black Walnut will be considered by TWF at its fiftieth session. A new full draft TG/JUGLA(proj.5), incorporating the changes agreed by the TWF at its forty-ninth session and the future changes proposed by the Leading expert, has been prepared for consideration by the TWF.

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