UPOV

International Union for the Protection of New Varieties of Plants

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Technical Working Party for Vegetables **TWV/60/8**

Sixtieth Session
Pacific Grove, United States of America, May 18 to 21, 2026

Original: English
Date: May 20, 2026

REPORT

adopted by the Technical Working Party for Vegetables (TWV)

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OPENING OF THE SESSION

1. The Technical Working Party for Vegetables (TWV) held its sixtieth session in Pacific Grove, United States of America, from May 18 to 21, 2026.

2. The session was opened by Mr. Yoshiyuki Ohno (Japan), Chair of the TWV, who welcomed the participants.

3. The TWV was welcomed by Ms. Ruihong Guo, Deputy Administrator, AMS, Science & Technology Program, United States Department of Agriculture (USDA), who welcomed the participants.

4. The TWV received a presentation on agriculture in California and in the Monterey County from Mr. Rich Ordonez, Assistant Agricultural Commissioner for the County of Monterey. A copy of the presentation is provided in Annex I of this document.

5. The TWV received a presentation on activities and accomplishments of the United States Plant Variety Protection Office from Mr. Jeffery Haynes, Commissioner, Plant Variety Protection Office, AMS, Science & Technology Program, USDA. A copy of the presentation is provided in Annex II of this document.

ADOPTION OF THE AGENDA

6. The TWV adopted the agenda as presented in document TWV/60/1 Rev.

DEVELOPMENT OF GUIDANCE AND INFORMATION MATERIALS

7. The TWV considered document TWP/10/1.

Revision of document TGP/7 “Development of Test Guidelines”: Number of growing cycles and concluding examination

8. The TWV considered the proposed amendments to document TGP/7 “Development of Test Guidelines”, to amend the universal standard wording for “number of growing cycles” and when the testing of a variety may be concluded, as set out in document TWP/10/1, paragraphs 12 to 14.

9. The TWV noted the comment from France on whether the term “generally” could lead to different interpretations on duration of tests to be conducted as two growing cycles. The TWV agreed that the wording for number of growing cycles should provide flexibility for authorities to conclude examination while maintaining harmonized procedures as much as possible.

10. The TWV agreed with the proposal to amend the additional standard wording of Test Guidelines, as set out in document TWP/10/1 to read as follows:

"(a) Single growing cycle:

"The ~~minimum~~ duration of tests should ~~normally~~ generally be a single growing cycle. The testing of a variety may be concluded when the competent authority can determine with certainty the outcome of the test"

"(b) Two independent growing cycles:

"The ~~minimum~~ duration of tests should ~~normally~~ generally be two independent growing cycles. The testing of a variety may be concluded when the competent authority can determine with certainty the outcome of the test"

MOLECULAR TECHNIQUES

11. The TWV considered documents TWP/10/4 and TWP/10/4 Add.

Confidentiality and ownership of molecular information

12. The TWV noted that the "Policy on the status of plant material submitted for DUS testing purposes" reported by the European Union would be included in a revision of document TGP/5, Section 11 "Examples of Policies and Contracts for Material Submitted by the Breeder", to be put forward for adoption by the Council in October 2026.

13. The TWV noted the request from the Technical Committee that future discussions on confidentiality and ownership of molecular information should be organized based on concrete cases and specific situations.

14. The TWV noted the request from the TC that future discussions on the use of molecular information should focus on cooperation, such as the joint development of molecular markers, selection of molecular markers for variety identification and the management of variety collections.

Cooperation between international organizations

Harmonizing terms, definitions and methods between UPOV, OECD and ISTA

15. The TWV noted developments concerning the possible harmonization of terms, definitions and methods in relation to molecular techniques at UPOV, OECD and ISTA and that a proposal would be provided for discussion at the fourth session of the TWM, to be held in Cambridge, United Kingdom, from June 2 to 5, 2026.

Updating the list of molecular markers used per crop

16. The TWV received a presentation from an expert from the Netherlands (Kingdom of the), a copy of which is provided in document TWP/10/4 Add.

17. The TWV noted the results of a survey on the use of molecular markers, as set out in document TWP/10/4 Add and available at the TWV/60 webpage as an Excel file.

18. The TWV noted that from the 53 UPOV members responding to the survey, 23 declared the use of molecular information.

Information on the use of molecular techniques in each organization: possible joint meeting

19. The TWV noted that a joint workshop with UPOV, OECD and ISTA would be held during the fourth session of the TWM, to be held in Cambridge, United Kingdom, from June 2 to 5, 2026.

Progress in the Use of Molecular Markers to Support Tomato DUS Testing at Naktuinbouw

20. The TWV received a presentation on "Progress in the use of molecular markers to support tomato DUS testing at Naktuinbouw" from an expert from the Netherlands (Kingdom of the). A copy of the presentation is provided as an Annex to document TWV/60/7-TWM/4/6.

21. The TWV noted that one of the activities reported in document TWV/60/7-TWM/4/6 included the development of guidance on the exchange of DNA-based information, building upon the model from the Community Plant Variety Office of the European Union (CPVO) and further experiences from the participants.

ASSESSING DISTINCTNESS IN DISEASE RESISTANCE CHARACTERISTICS

22. The TWV considered document TWV/60/5 and received a presentation from the Netherlands (Kingdom of the), as provided in the Annex to document TWV/60/5 Rev.

23. The TWV agreed that the explanation of the different types of disease resistance characteristics improved the general understanding of their assessment in accordance with UPOV guidance.

24. The TWV agreed that certain quantitative disease resistances described in UPOV Test Guidelines as qualitative characteristics should be revised along with the future revision of the Test Guidelines to clarify their type of expression.

25. The TWV discussed the following summary table provided by the Netherlands (Kingdom of the) and agreed that it provided a suitable basis for further discussions at the TWV at its sixty-first session:

Type	**Subtype**	**States of expression**	**Clear separation between states of expression?**	**Threshold or calibration controls needed?**	**Assessing distinctness**		**Example**
					Suitable for grouping?	**Side by side in one trial?**	
QL	a	1/9	Yes	No	Yes	Not needed	*Cladosporium cucumerinum* (Ccu) in cucumber
	b	1/9	Yes but incomplete penetrance	Yes (calibration control)	Yes	Not needed	*Fusarium oxysporum* f. sp. l*ycopersici* Race 1EU/2EU in tomato
QN	a(i)	1/2/3* or 1/2-3**	Yes (between at least 2 states of expression)	Yes (threshold control)	Yes	Not needed	Powdery mildew (*Podosphaera xanthii*) (Px)* in cucumber and *Meloidogyne incognita* (Mi)** in tomato
	a(ii)	1-2-3	No	Yes (threshold control)	No	Needed	Cucumber green mottle mosaic virus (CGMMV) in cucumber
	b	1 to 9	No	No	No	Needed	*Colletotrichum trifolii* in luzerne

26. The TWV considered the use of quantitative disease resistance characteristics with three states of expression for grouping varieties based on variety descriptions and the example in document TWV/60/5, where the distribution of varieties clustered at certain levels of expression could provide the basis for distinctness.

27. The TWV agreed that further information was required to explain the basis for the assessment of distinctness on a one-note difference for the “QN a(i)” type of characteristic, including information on how these characteristics could be used for grouping of varieties.

28. The TWV considered the terminology used in document TWV/60/5 and agreed that the following definitions should be further developed for discussion at the TWV at its sixty-first session:

> “Threshold controls: Special control varieties validated to specify strictly the borders between two levels of resistance (notes) based on symptom expression obtained by a standard resistance protocol.”
>
> “Calibration controls: Special control varieties validated to calibrate and interpret the range of symptom expression within varieties for diseases where incomplete penetrance can be observed in a resistance test.”

> "Incomplete penetrance: In a resistance test, incomplete penetrance refers to situations in which plants carry resistance gene(s) but only a proportion expresses resistance depending on environmental conditions, temperature, inoculum pressure, and plant developmental stage. This phenomenon is observed as a certain percentage of the population showing (reduced) disease symptoms, even if all plants are genetically resistant."

29. The TWV agreed that the assessment of uniformity should be further explained for varieties with incomplete penetrance.

30. The TWV agreed to invite the Netherlands (Kingdom of the) to continue developing the document describing the different types of disease resistance characteristics, with a view to the possible revision of guidance in document TGP/12 "Guidance on Certain Physiological Characteristics".

Revision of disease resistance characteristics in the European Union

31. The TWV received a presentation "Revision of the disease resistance characteristics in the EU" from an expert from the European Union. A copy of the presentation is provided as an Annex to document TWV/60/6.

32. The TWV noted the ongoing development of different disease resistance characteristics for several vegetable crops with the participation of phytopathologists and DUS examiners. The TWV noted the invitation for UPOV members to join the discussions and agreed to invite TWV experts to support the work to harmonize the assessment of new characteristics.

33. The TWV agreed to continue discussions on the introduction of disease resistance characteristics in UPOV Test Guidelines at its sixty-first session, including situations when a UPOV member did not have certain diseases.

Nomenclature of pathogens

34. The TWV noted that the UPOV office had received a request for updating the nomenclature of pathogens in the Test Guidelines for Pea, Pepper, Tomato and Tomato Rootstock. The TWV agreed that the nomenclature should be updated on the ongoing or future revisions of those Test Guidelines.

35. The TWV noted that the nomenclature of pathogens in UPOV Test Guidelines were based on the International Seed Federation's (ISF) system of codes, as set out in document TGP/12 "Guidance on certain physiological characteristics", Section I, Chapter 2.5 "The nomenclature of pathogens".

36. The TWV noted the ISF codes for pest organisms in vegetables were subject to annual review and agreed to propose a disclaimer to avoid revising Test Guidelines only for updating the nomenclature of pathogens, to read as follows:

> "The names of pests and diseases were correct at the time of the introduction of these Test Guidelines but may be revised or updated. Readers are advised to consult the 'Recommended Codes for Pest Organisms in Vegetable Crops', which can be found on the ISF Website (https://worldseed.org/), for the latest information."

NOTIFICATION OF ADDITIONAL CHARACTERISTICS AND STATES OF EXPRESSION

37. The TWV considered document TWP/10/2.

38. The TWV noted that no additional characteristics or states of expression for vegetable crops had been reported since its last session. The TWV recalled the procedure for the notification of additional characteristics and agreed to invite UPOV members to use this possibility to promote discussion and facilitate harmonization.

39. The TWV noted that notifications of additional characteristics and states of expression were available on the UPOV website at: https://www.upov.int/en/find-and-explore/information-and-guidance/examination-guidance/additional-characteristics

MEASURES TO IMPROVE SUPPORT PROVIDED FOR DUS EXAMINATION

40. The TWV considered document TWP/10/3.

Procedure for discussing matters relevant for drafting national test guidelines at Technical Working Parties

41. The TWV noted the invitation for UPOV members to present characteristics, approaches or challenges for DUS examination relevant for drafting national test guidelines, as set out in document TWP/10/3, paragraph 10.

42. The TWV noted that no presentations had been proposed for discussion under this agenda item and noted the expression of interest from France to propose discussion in the future on the methodology of assessment for certain new characteristics under development.

Possible measures on Test Guidelines (TG) and online tool for drafting Test Guidelines

Subgroup on Test Guidelines

43. The TWV considered the options for improving the Test Guidelines and the TG template, as set out in document TWP/10/3, paragraph 15, and agreed as follows:

	Proposals	TWV
(a)	It is recommended that consideration is given to the need to review the standard wording of the Test Guidelines	- TWV experts are invited to make proposals of standard wording to be revised - TG template users should be allowed to submit proposals for revision of standard wording.
(b)	It is recommended that the format of the Test Guidelines should be revised to take advantage of the opportunities for interactive viewing when accessed electronically: (i) Active links to UPOV Guidance (ii) Pop-ups and hints (iii) Zoom (iv) Video explanations	- existing calibration manuals should be mentioned in the Test Guidelines, chapter 9 “Literature”
(c)	It is recommended that consideration be given to the layout of the Test Guidelines to bring the additional information and diagrams closer to (or within) the table of contents.	- not a priority for the TWV.
(d)	It is recommended that additional information provided in a Test Guidelines (for example details of a molecular technique or a laboratory test) should have a harmonized template across all guidelines.	Templates for disease resistance characteristics and molecular marker protocols are provided in UPOV guidance (documents TGP/12 and TGP/15)
(e)	It is recommended that the format and layout of the Test Guidelines is such that it can be translated using automated electronic methods.	The translation of molecular marker and disease resistance protocols would not be a priority and could be avoided in some cases due to their technical nature
(f)	It is recommended that the removal of the four UPOV languages from the table of characteristics be considered	The table of characteristics could be provided only in the respective language of the TG, with four versions of TGs in each of the official UPOV languages without the quadrilingual table of characteristics
(g)	It is recommended that consideration be given to the process of revising Test Guidelines, in particular to partial updates that affect only one part of the document, for example the technical questionnaire or single characteristics	- It should be possible to track changes in partial revisions; - it would be beneficial to centralize all information about new, revised and partially revised in a single place (the web-based TG Template).

	Proposals	TWV
(h)	It is recommended that consideration be given to producing the technical questionnaires in a document separate to the Test Guidelines. It is important that the technical questionnaire be reviewed along with a revision of the Test Guidelines. However, it is not considered necessary for the Test Guidelines to be reviewed along with a revision of the Technical Questionnaire	- some UPOV members have TQs separate from the Test Guidelines. - not a priority: benefits of the proposal to the UPOV system should be further explained

The Web-based Test Guidelines Template (TG Template)

Access for Interested Experts

44. The TWV considered developing criteria for granting access to the TG template for Interested Experts, as set out in document TWP/10/3, paragraph 19.

45. The TWV agreed it was important for UPOV members and observers to have the opportunity to coordinate the comments on draft Test Guidelines to be provided using the TG Template. The TWV agreed to propose introducing an additional user profile type for Interested Expert in the TG Template, with permission only to read content and print documents. The TWV agreed this measure would facilitate access to information while centralizing comments to be provided by designated focal points.

Drafting of partial revisions using the web-based TG Template

46. The TWV considered the use of the TG Template for partial revisions, as set out in document TWP/10/3, paragraph 22.

47. The TWV noted that the use of the TG Template for partial revisions would allow updating the structure of the Test Guidelines and include the standard wording used since the adoption of document TGP/7 “Development of Test Guidelines”, in 2008. The TWV agreed that this approach should be used as far as possible, taking into consideration the increased workload associated for each case.

TECHNICAL QUESTIONNAIRE, SECTION 4.2: “METHOD OF PROPAGATING THE VARIETY”

48. The TWV considered document TWP/10/5.

49. The TWV agreed with the proposed options for information on methods of propagating the variety to be provided in the Technical Questionnaire for Evening Primrose (TG/144), as set out in document TWP/10/5, Annex.

EXPERIENCES WITH NEW TYPES AND SPECIES

50. No reports on experiences with new types and species were made during the sixtieth session of the TWV.

DISCUSSIONS ON DRAFT TEST GUIDELINES

51. The TWV discussed the following draft Test Guidelines, presented by the relevant Leading Expert:

Full draft Test Guidelines

Species	Basic Document	Leading Expert(s)
*Asparagus (*Asparagus officinalis* L.) (Revision)	TG/130/5(proj.2)	Ms. Gosia Blokker (NL)
Garlic (*Allium sativum* L.) (Revision)	TG/162/5(proj.3)	Ms. Chrystelle Jouy (FR)
*Ginger (*Zingiber officinale* Rosc.) (Revision)	TG/153/4(proj.3)	Mr. Toshiya Kobayashi (JP)

Species	Basic Document	Leading Expert(s)
*Parsley (*Petroselinum crispum* (Mill.) Nyman ex A.W. Hill)	TG/136/6(proj.4)	Ms. Swenja Tams (DE)
Vegetable Marrow, Squash (*Cucurbita pepo* L.) (Revision)	TG/119/5(proj.1)	Ms. Jutta Taferner- Kriegl (AT)

Partial revisions

Species	Basic Document	Leading Expert(s)
*Cucumber, Gherkin (*Cucumis sativus* L.) - addition of resistance to Cucumber green mottle mosaic virus	TG/61/7 Rev. 3, TWV/60/4	Ms. Gosia Blokker (NL)
*Tomato Rootstocks - *Meloidogyne incognita* (Nematodes): to change the states of expression (same as tomato) and control varieties	TG/294/1 Rev. 5, TWV/60/3	Ms. Cécile Marchenay (NL)

52. The TWV noted that the changes agreed during discussions on draft Test Guidelines had been recorded in the TG Template and that drafts presenting the changes in “revision-mode” had been made available on the TWV/60 webpage (see: https://www.upov.int/en/about-upov/events/details?meeting-id=90353).

RECOMMENDATIONS ON DRAFT TEST GUIDELINES

(a) Test Guidelines to be put forward for adoption by the Technical Committee

53. The TWV agreed that the following draft Test Guidelines be submitted to the TC for adoption at its sixty-second session, to be held in Geneva on October 19 and 20, 2026, on the basis of the following documents and the agreed changes presented in the drafts available on the TWV/60 webpage (see: https://www.upov.int/en/about-upov/events/details?meeting-id=90353).

Full draft Test Guidelines

Subject	Basic Document(s) (2026)
*Asparagus (*Asparagus officinalis* L.)	TG/130/5(proj.2)
*Ginger (*Zingiber officinale* Rosc.) (Revision)	TG/153/4(proj.3)
*Parsley (*Petroselinum crispum* (Mill.) Nyman ex A.W. Hill)	TG/136/6(proj.4)

Partial revisions

Subject	Basic Document(s) (2026)
*Cucumber, Gherkin (*Cucumis sativus* L.) - addition of resistance to Cucumber green mottle mosaic virus	TG/61/7 Rev. 3, TWV/60/4

(b) Test Guidelines to be discussed at the sixty-first session

54. The TWV agreed to discuss the following draft Test Guidelines at its sixty-first session:

Full draft Test Guidelines

Subject	Basic Document(s) (2026)
Endive (*Cichorium endivia* L.) (Revision)	TG/118/5 Corr.
Enokitake, Velvetfooted Collybia (*Flammulina velutipes* (Er.) Sing.)	NEW

Garlic (*Allium sativum* L.) (Revision)	TG/162/5(proj.3)
Vegetable Marrow, Squash (*Cucurbita pepo* L.) (Revision)	TG/119/5(proj.1)

Partial revisions

Subject	Basic Document(s) (2026)
*Melon (*Cucumis melo* L.) - addition of two new races of *Podosphaera xanthii* (Px) - addition of a new clone of *Aphis gossypii* (Ag), revision of bioassay protocols, addition of molecular marker protocol	TG/104/5 Rev. 3
Spinach (*Spinacia oleracea* L.) - revision of resistance to *Peronospora effusa* (Pe): addition of new race 20, deletion of races	TG/55/7 Rev. 8
Tomato (*Solanum lycopersicum* L.) - addition of new characteristic for resistance to Tomato brown rugose fruit virus (ToBRFV) - to update names of diseases in characteristics 64 and 71	TG/44/12 Rev.
*Tomato Rootstocks - *Meloidogyne incognita* (Nematodes): to change the states of expression (same as tomato) and control varieties - addition of new characteristic for resistance to Tomato brown rugose fruit virus (ToBRFV) - to update names of diseases in characteristics 28 and 32	TG/294/1 Rev. 5, TWV/60/3

55. The leading experts, interested experts and timetables for the development of the Test Guidelines are set out in Annex III to this report.

MATTERS FOR INFORMATION

Reports on developments in plant variety protection from members and observers

56. The TWV noted the information on developments in plant variety protection from members and observers provided in document TWV/60/2 Prov. The TWV noted that reports submitted to the Office of the Union after April 18, 2026, and until May 21, 2026, would be included in the final version of document TWV/60/2.

Reports on developments in UPOV

57. The TWV noted the following matters for information, as set out in document TWP/10/6:

(i) UPOV genera and species database (GENIE database)

The TWV noted that UPOV members at the TWPs were invited to check the information on the new UPOV codes added to the GENIE database and the amendments to existing UPOV codes, as set out in the Annex to document TWP/10/6.

(ii) PLUTO database
(iii) TWP workshops and webinars
(iv) Discussion on “New technologies in DUS examination”
(v) Corrections to Test Guidelines
(vi) UPOV e-PVP DUS Report Exchange Module

58. The TWV noted that UPOV members at the TWPs were invited to use the new “UPOV e-PVP DUS Report Exchange Module” to facilitate cooperation in variety examination. The TWV agreed that the tool was also useful to identify contact persons in UPOV members for the exchange of test reports.

59. The TWV noted that the DUS Report Exchange Module enabled the management of internal requests between the PVP offices and examination bodies, including requests for DUS and VCU (Value for cultivation

and use) for national listing purposes. The TWV agreed that this matter should be clarified in document TWP/10/6, as the exchange of VCU data among UPOV members would not be relevant.

DATE AND PLACE OF THE NEXT SESSION

60. The TWV noted that no invitations for the venue of its sixty-first session had been received. The TWV noted that a decision on the date and place of its next session would be taken by the Council, at its sixtieth session, to be held on October 23, 2026.

61. The TWV agreed that UPOV members could contact the Office of the Union with offers of date and place to host the next TWV session until August 31, 2026.

62. The TWV agreed that its sixty-first session should be held via electronic means, April 26 to 29, 2027, if no alternative offer was received from a member of the Union.

CHAIR

63. The TWV agreed to propose to the TC that it recommend to the Council to elect Ms. Cécile Marchenay (Netherlands (Kingdom of the)) as the next chair of the TWV.

MEDAL

64. The TWV thanked Mr. Yoshiyuki Ohno for chairing the TWV and noted that he was awarded a UPOV bronze medal in recognition of chairing the TWV from 2024 to 2026.

FUTURE PROGRAM

65. The TWV agreed that documents for its sixty-first session should be submitted to the Office of the Union by March 13, 2027. The TWV noted that items would be deleted from the agenda if the planned documents did not reach the Office of the Union by the agreed deadline.

66. The TWV proposed to discuss the following items at its next session:

1. Opening of the session
2. Adoption of the agenda

<u>Matters for discussion</u>

3. Procedures for DUS examination (presentations invited)
4. Proposals for ring-tests (presentations invited)
5. Assessing distinctness in disease resistance characteristics (document to be prepared by the Netherlands (Kingdom of the) and presentations invited)
6. Image analysis of vegetable crops (presentations invited)
7. Molecular techniques in variety examination (presentations invited)
8. Experiences with new types and species (oral reports invited)
9. Discussions on draft Test Guidelines (Subgroups)
10. Recommendations on draft Test Guidelines
11. Date and place of the next session
12. Future program
13. Adoption of the report of the session (if time permits)

Matters for information

14. Reports on developments in plant variety protection from members and observers (reports invited)

15. Reports on developments in UPOV (general developments, including variety denominations, information databases, exchange and use of software and equipment)

16. Closing of the session

VISIT

67. On Thursday May 21, 2026, the TWV would visit the Seminis Vegetable Seeds facility in San Juan Bautista, California, where the TWV would visit breeding programs for different *Brassica* types, guided by the following experts:

Vegetable PVPs at Bayer	Ms. Ariesha Wikramanayake, Ms. Sarah Connor
Breeding	Mr. Franco Asoro, Onion breeder
Transplant	Mr. Jan Oshita-Tokiwa
Phenotyping trials	Mr. Walif Elfeki
Seed inventory management	Ms. Ayna Salas, Ms. Ariesha Wikramanayake

68. The TWV would also visit the 3-Star Lettuce operation in Gonzales, California, where it would be welcomed by Mr. Robert Zagajeski and Mr. Arturo Manzo, Lettuce breeders, to visit the lettuce breeding program and variety collection with over 600 Lettuce varieties.

69. The TWV noted that any presentations made during the visits would be included as annexes to the TWV report.

70. The TWV adopted this report on May 20, 2026.

[Annex III follows]

ANNEX III

LIST OF LEADING EXPERTS

DRAFT TEST GUIDELINES TO BE SUBMITTED TO THE TECHNICAL COMMITTEE IN 2026

All requested information to be submitted to the Office of the Union

before July 2, 2026

Full draft Test Guidelines

Species	Basic Document	Leading Expert(s)
*Asparagus (*Asparagus officinalis* L.) (Revision)	TG/130/5(proj.2)	Ms. Gosia Blokker (NL)
*Ginger (*Zingiber officinale* Rosc.) (Revision)	TG/153/4(proj.3)	Mr. Toshiya Kobayashi (JP)
*Parsley (*Petroselinum crispum* (Mill.) Nyman ex A.W. Hill) (Revision)	TG/136/6(proj.4)	Ms. Swenja Tams (DE)

Partial revisions

Species	Basic Document	Leading Expert(s)
*Cucumber, Gherkin (*Cucumis sativus* L.) - addition of resistance to Cucumber green mottle mosaic virus	TG/61/7 Rev. 3, TWV/60/4	Ms. Gosia Blokker (NL)

DRAFT TEST GUIDELINES TO BE DISCUSSED AT TWV/61
(* indicates possible final draft Test Guidelines)

(Guideline date for Subgroup draft to be circulated by Leading Expert: January 15, 2027
Guideline date for comments to Leading Expert by Subgroup: February 12, 2027)

New draft to be submitted to the Office of the Union
by March 15, 2027

Full draft Test Guidelines

Species	Basic Document	Leading Expert(s)	Interested Experts (State / Organization)[1]
Endive (*Cichorium endivia* L.) (Revision)	TG/118/5 Corr.	Mr. Dominique Rousseau (FR)	DE, NL, QZ, CLI, ISF, Euroseeds, Office
Enokitake, Velvetfooted Collybia (*Flammulina velutipes* (Er.) Sing.)	NEW	Ms. Ruijuan Wang (CN)	JP, KR, QZ, ISF, Office
Garlic (*Allium sativum* L.) (Revision)	TG/162/5(proj.3)	Ms. Chrystelle Jouy (FR)	AU, CN, CZ, ES, IT, JP, KR, NL, QZ, TR, Euroseeds, ISF, Office
Vegetable Marrow, Squash (*Cucurbita pepo* L.) (Revision)	TG/119/5(proj.1)	Ms. Jutta Taferner-Kriegl (AT)	ES, FR, HU, JP, NL, QZ, ZA, CLI, Euroseeds, ISF, Office

Partial revisions

Species	Basic Document	Leading Expert(s)	Interested Experts (State / Organization)[1]
*Melon (*Cucumis melo* L.) - addition of two new races of *Podosphaera xanthii* (Px) - addition of a new clone of *Aphis gossypii* (Ag), revision of bioassay protocols, addition of molecular marker protocol	TG/104/5 Rev. 3	Ms. Chrystelle Jouy (FR)	JP, NL, QZ, Euroseeds, CLI, ISF, Office
Spinach (*Spinacia oleracea* L.) - revision of resistance to *Peronospora effusa* (Pe): addition of new race 20, deletion of races	TG/55/7 Rev. 8	Ms. Gosia Blokker (NL)	DE, FR, JP, QZ, CLI, Euroseeds, ISF, Office
Tomato (*Solanum lycopersicum* L.) - addition of new characteristic for resistance to Tomato brown rugose fruit virus (ToBRFV) - to update names of diseases in characteristics 64 and 71	TG/44/12 Rev.	Ms. Cécile Marchenay (NL)	ES, FR, JP, QZ, ZA, CLI, Euroseeds, ISF, Office
*Tomato Rootstocks - *Meloidogyne incognita* (Nematodes): to change the states of expression (same as tomato) and control varieties - addition of new characteristic for resistance to Tomato brown rugose fruit virus (ToBRFV) - to update names of diseases in characteristics 28 and 32	TG/294/1 Rev. 5, TWV/60/3	Ms. Cécile Marchenay (NL)	ES, FR, JP, QZ, ZA, CLI, Euroseeds, ISF, Office

[End of Annex III and of document]

[1] for name of experts, see list of participants