

Technical Working Party for Fruit Crops
TWF/57/7
Fifty-Seventh Session
Leipzig, Germany, September 7 to 10, 2026
Original: English

Date: September 10, 2026

REPORT
adopted by the Technical Working Party on Fruit Crops
Disclaimer: this document does not represent UPOV policies or guidance

1. The Technical Working Party for Fruit Crops (TWF) held its fifty-seventh session in Leipzig, Germany, from September 7 to 10, 2026.
2. The session was opened by Ms. Carole Dirwimmer (France), Chair of the TWF, who welcomed the participants.
3. The TWF was welcomed by Ms. Beate Rücker, Head of Division, National Listing, Variety Protection, Genetic Resources, Federal Plant Variety Office, Bundessortenamt, and received a presentation on the Federal Plant Variety Office. The welcome remarks from Ms. Beate Rücker are provided as Annex I and the presentation on the Federal Plant Variety Office is provided as Annex II to this document.

ADOPTION OF THE AGENDA

4. The TWF adopted the agenda as provided in document TWF/57/1 Rev.

DEVELOPMENT OF GUIDANCE AND INFORMATION MATERIALS

5. The TWF considered documents TWP/10/1 and TWF/57/3.

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

6. The TWF considered the proposed amendments to document TGP/7 “Development of Test Guidelines”, to amend the universal standard wording for “number of growing cycles”, as set out in document TWP/10/1, paragraphs 12 to 14, and the comments from the TWV, TWO and TWA, as provided in document TWF/57/3.
7. The TWF noted the report from Canada on the practice of one growing cycle when sufficient for the examination of fruit crops and agreed there were different practices among UPOV members. The TWF noted that Germany favored two or more growing cycles for different reasons, including to increase precision of variety descriptions generated from DUS examination.
8. The TWF considered the proposal from the TWA to retain the word “minimum” in relation to “the minimum duration of tests [...]” and discussed whether retaining the word “minimum” would remove the flexibility to conclude examination after one growing cycle.
9. The TWF agreed with the proposal from the TWA to retain the word “minimum” on the basis of combining both sentences in the paragraph to read as follows:

“(a) Single growing cycle:

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

Explanation of the growing cycle for fruit species

10. The TWF agreed with the proposal to amend the additional standard wording on the explanation of growing cycle for fruit species, as provided in document TWP/10/1, paragraph 14, to read as follows:

“In particular, it is essential that the [trees] / [plants] produce a ~~satisfactory crop~~ sufficient quantity and quality of fruit for testing purposes and are representative of the variety in any in each of the ~~two~~ growing cycles.”

METHODS OF OBSERVATION IN FRUIT CROPS (MS/MG)

11. The TWF received a presentation on “Methods of observation in fruit crops” from an expert from South Africa, as provided in document TWF/57/5.

INFORMATION DATABASES

12. The TWF considered document TWF/57/4 and received a presentation from an expert from the International Community of Breeders of Asexually Reproduced Horticultural Plants (CIOPORA), on the revision of taxonomy for the *Citrus* complex and consequential amendments to UPOV codes. The TWF noted that the presentation would be provided as an Annex to document TWF/57/4.

13. The TWF noted that the taxonomy for the *Citrus* complex was being revised in the GRIN database of taxonomy for plants, which would enable the revision of the associated UPOV codes. The TWF noted that the revision of scope of the five Test Guidelines for *Citrus* had been postponed to its fifty-eight session, once the revision of UPOV codes had been completed.

14. The TWF noted that the selection of Test Guidelines for certain mandarin-orange hybrids presented challenges due to the overlapping morphological profiles and that the leading expert from Spain was considering options to objectively assign varieties to Test Guidelines.

15. The TWF noted that the Test Guidelines for *Citrus* had been developed around 2003 and agreed to invite the leading expert from Spain to check whether the revision of scope would reveal the need for revision of certain characteristics or states of expression.

MOLECULAR TECHNIQUES IN DUS EXAMINATION

16. The TWF considered documents TWP/10/4 and TWP/10/4 Add.

Confidentiality and ownership of molecular information

17. The TWF 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”.

18. The TWF noted the invitation to propose topics and organize discussions on confidentiality and ownership of molecular information based on concrete cases and specific situations.

19. The TWF noted that UPOV members were invited to propose topics and organize discussions on cooperation on the use of molecular information, such as the joint development of molecular markers, selection of molecular markers for variety identification and management of variety collections.

20. The TWF noted that no topics had been proposed for discussion on cooperation on the use of molecular information for fruit crops and agreed to invite CIOPORA to report on the use of molecular information for variety identification, at its fifty-eight session.

Cooperation between international organizations

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

21. The TWF noted developments concerning the possible harmonization of terms, definitions and methods in relation to molecular techniques at UPOV, OECD and ISTA, including the ongoing work reported by the leading expert from France to the Technical Working Party on Testing Methods and Techniques (TWM) in 2026.

Updating the list of molecular markers used per crop

22. The TWF noted the results of the 2026 survey on the use of molecular markers, as set out in document TWP/10/4, and received a presentation from an expert from the Netherlands (Kingdom of the), as provided in document TWP/10/4 Add.

23. The TWF noted that the results of the survey had been provided as an excel file available for [download](#) at the TWF/57 webpage of the UPOV website, along with document TWP/10/4.

24. The TWF considered the invitation for the regular updating of the survey and agreed to invite UPOV members to report activities and development goals on the use of molecular markers for fruit crops.

Common sets of molecular markers for variety identification

25. The TWF noted the ongoing [discussions at the TWM](#) on the possible establishment of common sets of molecular markers for variety identification, in collaboration with OECD and ISTA.

NOTIFICATION OF ADDITIONAL CHARACTERISTICS AND STATES OF EXPRESSION

26. The TWF considered document TWP/10/2.

27. The TWF noted that no additional characteristics or states of expression for fruit crops had been reported since its last session. The TWF 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.

28. The TWF noted that notifications of additional characteristics and states of expression were available on the [UPOV website](#).

MEASURES TO IMPROVE SUPPORT PROVIDED FOR DUS EXAMINATION

29. The TWF considered document TWP/10/3.

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

30. The TWF noted that UPOV members had been invited 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.

31. The TWF noted that no presentations had been proposed for discussion under this agenda item. The TWF agreed to invite UPOV members to propose presentations on national test guidelines which they would wish to discuss with the TWF at its fifty-eighth session.

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

32. The TWF considered the options for improving the Test Guidelines and the TG template, as set out in document TWP/10/3, paragraph 15.

	Proposals	TWF
(a)	It is recommended that consideration is given to the need to review the standard wording of the Test Guidelines.	- The TWF agreed to invite experts to identify standard wording to be revised when discussing draft TGs.
(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	- Active links to UPOV guidance would be helpful in interactive versions of Test Guidelines. - Test Guidelines should suit an electronic-use model, while remaining clearly understood in paper form without the need of additional content. - If used, it should be clarified that additional explanation provided was an example where other approaches may exist (e.g. videos). - Calibration books would be most suitable for training and information exchange rather than Test Guidelines content.
(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.	- The TWF agreed that bringing explanations closer to characteristics could be beneficial. - The proposal should be further explored as it could facilitate the use of both printed and digital versions of Test Guidelines - The addition of variety denominations of example varieties in their original language would be useful.
(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.	- No additional proposals beyond the existing templates for disease resistance characteristics and molecular marker protocols in 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 TWF agreed that options should be explored to facilitate translation and use of the TGs, such as different file format (e.g. Excel). -
(f)	It is recommended that the removal of the four UPOV languages from the table of characteristics be considered.	- The TWF agreed that more than one language in the table of characteristics was beneficial and should be retained. -
(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 would be faster if the Technical Questionnaires could be revised separately from the TGs. - Not a priority for the TWF.
(h)	It is recommended that consideration be given to producing the technical questionnaires in a	- Not a priority for the TWF.

	Proposals	TWF
	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.	

The Web-based Test Guidelines Template (TG Template)

Access for Interested Experts

33. The TWF considered whether to develop criteria for granting access to interested experts to provide comments on draft Test Guidelines using the web-based TG template, as set out in document TWP/10/3, paragraph 19.

34. The TWF noted the current practice of granting access to all participants at TWPs to make comments on draft Test Guidelines.

35. The TWF agreed that it was important for UPOV members and observers to coordinate the comments on draft Test Guidelines to be provided using the web-based TG Template to avoid conflicting comments from the same UPOV member or observer.

36. The TWF agreed that the designated persons for the TWF of each UPOV member and observer should be in charge of providing comments using the web-based TG Template or to notify the UPOV Office of another expert in charge of providing comments on their behalf.

Drafting of partial revisions using the web-based TG Template

37. The TWF considered the use of the web-based TG Template for drafting partial revisions of Test Guidelines, as set out in document TWP/10/3, paragraph 22.

38. The TWF 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 TWF agreed that this approach should be used on a case-by-case basis, according to the workload associated with the additional information to be provided.

TECHNICAL QUESTIONNAIRE, SECTION 4.2: "METHOD OF PROPAGATING THE VARIETY"

39. The TWF considered document TWP/10/5. The TWF noted that the Test Guidelines for fruit crops had been considered in 2025 and agreed that no further information was required at this stage for the remaining Test Guidelines listed in document TWP/10/5.

EXPERIENCES WITH NEW TYPES AND SPECIES

40. The TWF noted the report from China on new types of persimmon varieties (*Diospyros kaki* L.) and received a presentation "Proposal for full revision of TG/92/4", which would be provided in the final version of document TWF/57/2.

41. The TWF noted that developments in persimmon breeding had introduced new characteristics and states of expression, which were reflected in the national test guidelines from China.

DISCUSSION ON DRAFT TEST GUIDELINES

Matters to be resolved concerning Test Guidelines put forward for adoption by the Technical Committee

42. The TWF considered the following draft Test Guidelines, as presented by the respective Leading Experts:

Species	Documents	Leading Expert
Granadilla, passion Fruit (<i>Passiflora edulis</i> Sims) (Revision)	TG/256/2(proj.5), TWF/57/6	Mr. Barkat Mustafa (AU)
Hazelnut (<i>Corylus avellana</i> L.; <i>Corylus columna</i> L.; <i>Corylus americana</i> Marshall; Hybrids between <i>Corylus americana</i> and <i>Corylus avellana</i>) (Revision)	TG/71/4(proj.8), TWF/57/6	Mr. Flavio Roberto de Salvador (IT)

Full draft Test Guidelines

43. The TWF considered the following draft Test Guidelines, as presented by the respective Leading Experts:

Species	Basic Document	Leading Expert(s)
*Argan (<i>Argania spinosa</i> (L.) Skeels)	TG/ARGAN(proj.8)	Ms. Ibtihaj Belmehdi (MA)
*European pear (<i>Pyrus communis</i> L.; <i>Pyrus × bretschneideri</i> Rehder × <i>Pyrus communis</i> L.; Hybrids between <i>Pyrus communis</i> and <i>P. ussuriensis</i>) (Revision)	TG/15/4(proj.2)	Mr. Erik Schulte (DE)
*Guava (<i>Psidium guajava</i> L.; <i>Psidium cattleianum</i> Sabine var. <i>littorale</i> (Raddi) Fosberg) (Revision)	TG/110/4(proj.5)	Ms. Ling Gao (CN)
*Japanese pear (<i>Pyrus pyrifolia</i> (Burm. f.) Nakai; <i>Pyrus ussuriensis</i> Maxim. & Rupr.; Hybrids between <i>Pyrus pyrifolia</i> and <i>Pyrus ussuriensis</i> ; <i>Pyrus × bretschneideri</i> Rehder) (Revision)	TG/149/3(proj.3)	Mr. Yosuke Abe (JP)
*Japanese plum (<i>Prunus salicina</i> Lindl.; Hybrids between <i>Prunus salicina</i> Lindl. and <i>P. avium</i> (L.) L.; Hybrids between <i>Prunus salicina</i> and <i>Prunus armeniaca</i>) (Revision)	TG/84/5(proj.3)	Ms. Carole Dirwimmer (FR)

44. The TWF noted that the changes agreed during discussions on draft Test Guidelines had been recorded in the web-based TG Template and that drafts presenting the changes in “revision-mode” had been made available on the [TWF/57 webpage](#).

RECOMMENDATIONS ON DRAFT TEST GUIDELINES

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

45. The TWF agreed that the following draft Test Guidelines should be submitted to the TC for adoption, on the basis of the following documents and the changes presented in the drafts with comments on the [TWF/57 webpage](#).

Full draft Test Guidelines

<u>Subject</u>	<u>Basic Document(s) (2026)</u>
*Argan (<i>Argania spinosa</i> (L.) Skeels)	TG/ARGAN(proj.8)
*European pear (<i>Pyrus communis</i> L.; <i>Pyrus</i> × <i>bretschneideri</i> Rehder × <i>Pyrus communis</i> L.; Hybrids between <i>Pyrus communis</i> and <i>P. ussuriensis</i> ; <i>Pyrus</i> × <i>lecontei</i> Rehder) (Revision)	TG/15/4(proj.2)
*Granadilla, passion fruit (<i>Passiflora edulis</i> Sims) (Revision)	TG/256/2(proj.5)
*Hazelnut (<i>Corylus avellana</i> L.; <i>Corylus colurna</i> L., <i>Corylus americana</i> Marshall; Hybrids between <i>Corylus americana</i> and <i>Corylus avellana</i>) (Revision)	TG/71/4(proj.8)
*Japanese pear (<i>Pyrus pyrifolia</i> (Burm. f.) Nakai; <i>Pyrus ussuriensis</i> Maxim. & Rupr.; Hybrids between <i>Pyrus pyrifolia</i> and <i>Pyrus ussuriensis</i> ; <i>Pyrus</i> × <i>bretschneideri</i> Rehder) (Revision)	TG/149/3(proj.3)
*Japanese plum (<i>Prunus salicina</i> Lindl.; <i>Prunus</i> × <i>limeixing</i> (J. Y. Zhang & Z. M. Wang) Y. H. Tong & N. H. Xia; Hybrids between <i>Prunus salicina</i> Lindl. and <i>P. avium</i> (L.) L.) (Revision)	TG/84/5(proj.3)

(b) Test Guidelines to be discussed at the fifty-eighth session

46. The TWF agreed to discuss the following draft Test Guidelines at its fifty-eighth session:

Full draft Test Guidelines

<u>Subject</u>	<u>Basic Document(s) (2026)</u>
Blueberry (Revision)	TG/137/5
*Guava (<i>Psidium guajava</i> L.; <i>Psidium cattleianum</i> Sabine var. <i>littorale</i> (Raddi) Fosberg) (Revision)	TG/110/4(proj.5)
Persimmon (<i>Diospyros kaki</i> L.) (Revision)	TG/92/4

Partial revisions

<u>Subject</u>	<u>Basic Document(s) (2026)</u>
Lemon (Lemons and Limes (<i>Citrus</i> L. - Group 3)) - Coverage of the Test Guidelines and grouping characteristics	TG/203/1 Rev. Corr.
Mandarin (<i>Citrus</i> L. – Group 1) - Coverage of the Test Guidelines and grouping characteristics	TG/201/1 Rev. Corr.
Trifoliate orange ((<i>Poncirus</i>) (<i>Citrus</i> L. - Group 5)) - Coverage of the Test Guidelines and grouping characteristics	TG/83/4 Rev. Corr.
Oranges (<i>Citrus</i> L. - Group 2) - Coverage of the Test Guidelines and grouping characteristics	TG/202/1 Rev. 2
Grapefruit and pummelo (<i>Citrus</i> L. - Group 4) - Coverage of the Test Guidelines and grouping characteristics	TG/204/1 Rev. 2

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

48. The TWF discussed the importance of leading experts attending in-person the hybrid sessions of the TWF. The TWF agreed that the presence of leading experts in-person during hybrid TWF sessions was important to facilitate communication and advance the drafting of Test Guidelines.

(c) Possible Test Guidelines to be discussed in the future

49. The TWF agreed that it should consider the development of Test Guidelines for the following fruit crops at a future session:

<u>Subject</u>	<u>Basic Document(s)</u>
Blackberry (<i>Rubus</i> subg. <i>rubus</i>)	TG/73/7 Corr. (DE)
Carambola (<i>Averrhoa carambola</i> L.)	NEW
Cape Gooseberry (<i>Physalis peruviana</i> L.)	NEW
Date palm (<i>Phoenix dactylifera</i>)	TG/PHOEN_DAC(proj.1) (IL)
Soursop (<i>Annona muricata</i> L.)	NEW

(d) Participation in discussions of Test Guidelines from other TWPs

50. The TWF agreed to propose that the following be added as interested experts to the following draft Test Guidelines being discussed by the Technical Working Party for Ornamental Plants and Forest Trees (TWO), subject to the deadlines agreed in the report of the fifty-eighth session of the TWO:

<u>Subject</u>	<u>Interested experts (countries/organizations) ¹</u>
Ornamental apple (<i>Malus</i> Mill.) (Revision)	CA, DE, FR, HU, IT, JP, KR, PL, QZ, CIOPORA

MATTERS FOR INFORMATION

Reports on developments in plant variety protection from members and observers

51. The TWF noted the information on developments in plant variety protection from members and observers provided in document TWF/57/2 Prov. The TWF noted that further reports submitted to the Office of the Union until September 11, 2026, would be included in the final version of document TWF/57/2.

Reports on developments in UPOV

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

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

The TWF 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 Annexes 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

53. The TWF noted that UPOV members were invited to use the new “UPOV e-PVP DUS Report Exchange Module” to facilitate cooperation in variety examination.

¹ for name of experts, see list of participants

DATE AND PLACE OF THE NEXT SESSION

54. The TWF agreed to hold its fifty-eighth session via electronic means, from July 5 to 8, 2027. The TWF noted the invitation for its fifty-ninth session to be held in New Zealand, in April 2028.

MEDAL

55. The TWF thanked Ms. Carole Dirwimmer for chairing the TWF. In recognition of her contribution as Chair of the TWF from 2024 to 2026, the Secretary-General awarded to Ms. Carole Dirwimmer, a UPOV bronze medal.

FUTURE PROGRAM

56. The TWF agreed that documents for its fifty-eighth session should be submitted to the Office of the Union by May 21, 2027. The TWF 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.

57. The TWF proposed to discuss the following items at its next session:

1. Opening of the Session

Matters for discussion

2. Adoption of the agenda
3. Date and place of the next session
4. Procedures for DUS examination (presentations invited)
5. Methods of observation in fruit crops (MS/MG) (Japan to provide a document and presentations invited)
6. Harmonization of content in Technical Questionnaires, Section 7 (document to be prepared by the European Union and presentations invited)
7. Variety collections (presentations invited)
8. Information databases (presentations invited)
9. Image analysis and new technologies in DUS examination (presentation by Hungary and presentations invited)
10. Molecular techniques in DUS examination (presentations invited)
11. Experiences with new types and species (oral reports invited)
12. Support for developing national test guidelines (presentations invited)
13. Discussion on draft Test Guidelines
14. Recommendations on draft Test Guidelines
15. Future program
16. Adoption of the Report on the session (if time permits)

Matters for information

17. Reports from members and observers (written reports to be prepared by members and observers)
18. Report on developments in UPOV (general developments, including variety denominations, information databases, exchange and use of software and equipment)
19. Closing of the session

VISIT

58. On Wednesday, September 9, 2026, the TWF visited the fruit testing station of the Federal Plant Variety Office at Wurzen. The TWF was welcomed by Dr. Erik Schulte, Head of Section, and received a presentation on the activities of the testing station Wurzen and DUS examination at the Bundessortenamt, as provided in Annex III to this report. The TWF received presentations on DUS examination of blackberry from Ms. Pia Engelmann, Technical Expert, and apple varieties from Mr. Stefan Eschke, Technical Expert, as provided in Annexes IV and V to this report.

59. The TWF visited trials and received explanations of DUS examination for new varieties of apple, blackberry, European pear, Prunus rootstocks, raspberry, red currant, sour cherry, and strawberry and demonstrations on raspberry, blackberry and apple from Ms. Brigitte Schramm, Ms. Pia Engelmann and Mr. Stefan Eschke. The TWF visited the variety collections of European plum, goji berry, quince and sea buckthorn maintained by the Bundessortenamt.

60. *The TWF adopted this report at the close of its session.*

[Annex I follows]

TWF/57 - Opening address

Ladies and gentlemen,
distinguished delegates,
Madam Chairperson,

It is a great honor for us to welcome the TWF to held its 57th Session in Germany, here in Leipzig and Wurzen.

On behalf of the President of the Bundessortenamt (BSA) Ms. Karin Riemer I give a very warm welcome to all participants here in the room and to the online participants around the world.

We are pleased that delegates from 30 UPOV members, 4 observers and 1 organization followed the invitation and have registered to this session. 13 members, the organization and the Office are represented in person.

We consider the active work of the TWPs as an essential basis for the functionality and strength of the UPOV system. The UPOV system is carried by cooperation and harmonization between members. An important element is the exchange of experience between individual PVP experts.

Today, UPOV comprises 80 members. The importance of the system is very well proven by more than 200.000 titles in force, about 20.000 new titles are granted every year.

Plant breeding industry is faced to many challenges for the future (growing world population, climate change, loss of agricultural area ...). The development of varieties with new qualities and changed economic conditions for breeders and authorities form challenges for variety testing.

The regular meetings of the TWPs provide an efficient forum to promote continuous improvements of the system. Fruitful discussions on technical aspects of DUS examination can be expected under the general agenda items during this week and, in particular in relation to specific TGs. Good progress can be expected for 7 TGs.

You will also have the possibility to discuss specific technical elements and to exchange experience along with demonstrations during the technical visit to our fruit testing station in Wurzen on Wednesday.

We wish all participants a fruitful and successful Session.

We wish you pleasant and interesting moments with your colleagues.

Enjoy your stay in Leipzig and take some impressions of the city. Perhaps you have time to explore other places in Germany as well.

All staff members of the BSA will be pleased to assist you in case of any need. Please do not hesitate to ask us.

Thank you.



Bundessortenamt



Technical Working Party for Fruit Crops (TWF/57)
Leipzig, Germany, September 7 to 10, 2026



*Demeter – goddess of fertility,
agriculture and harvest*



*Triptolemus - spreader of agriculture,
instructed by Demeter*

Variety Testing for PBR and NLI in Germany – Responsibilities of the Bundessortenamt

Dr. Beate Rücker

National Listing, Variety Protection, Genetic Resources
Head of Section

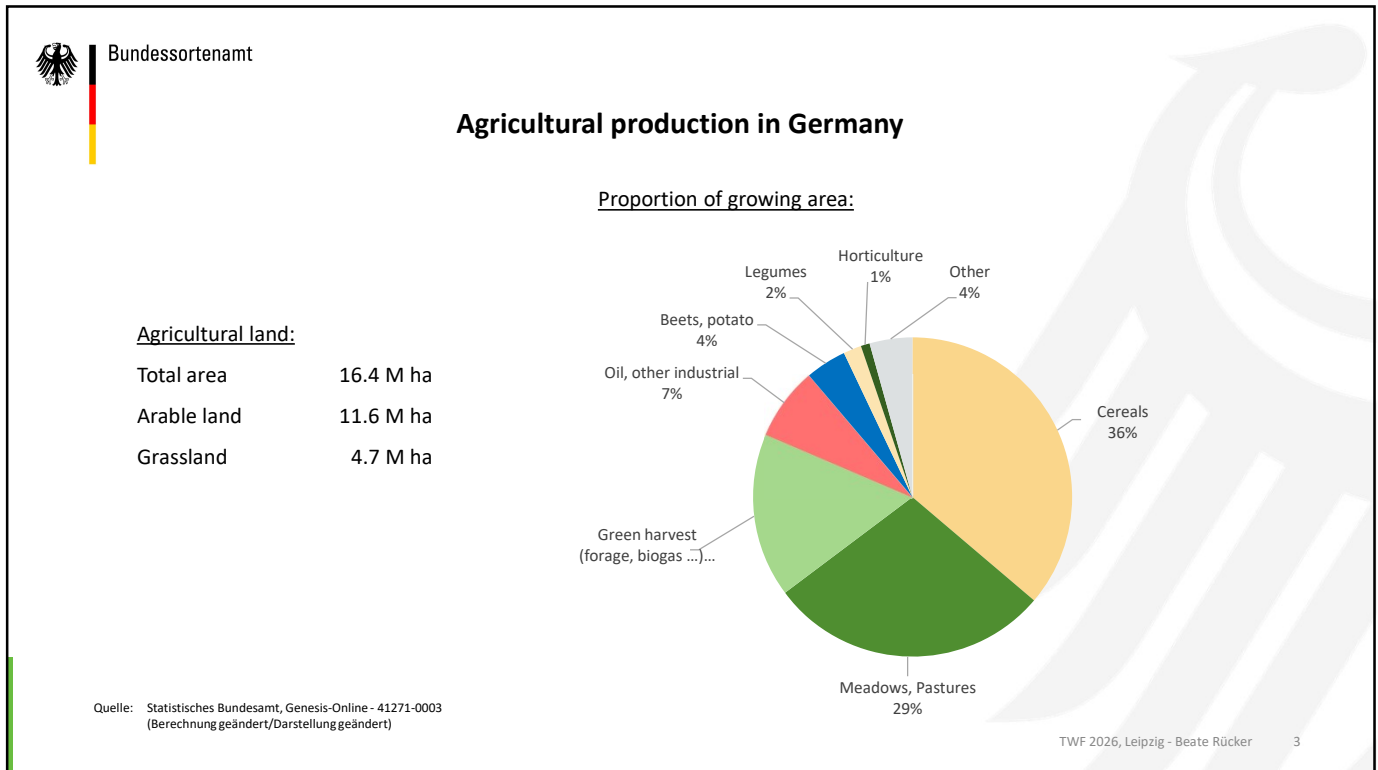
Bundessortenamt (BSA), Osterfelddamm 80, 30627 Hannover, Germany
Website: www.bundessortenamt.de E-Mail: bsa@bundessortenamt.de



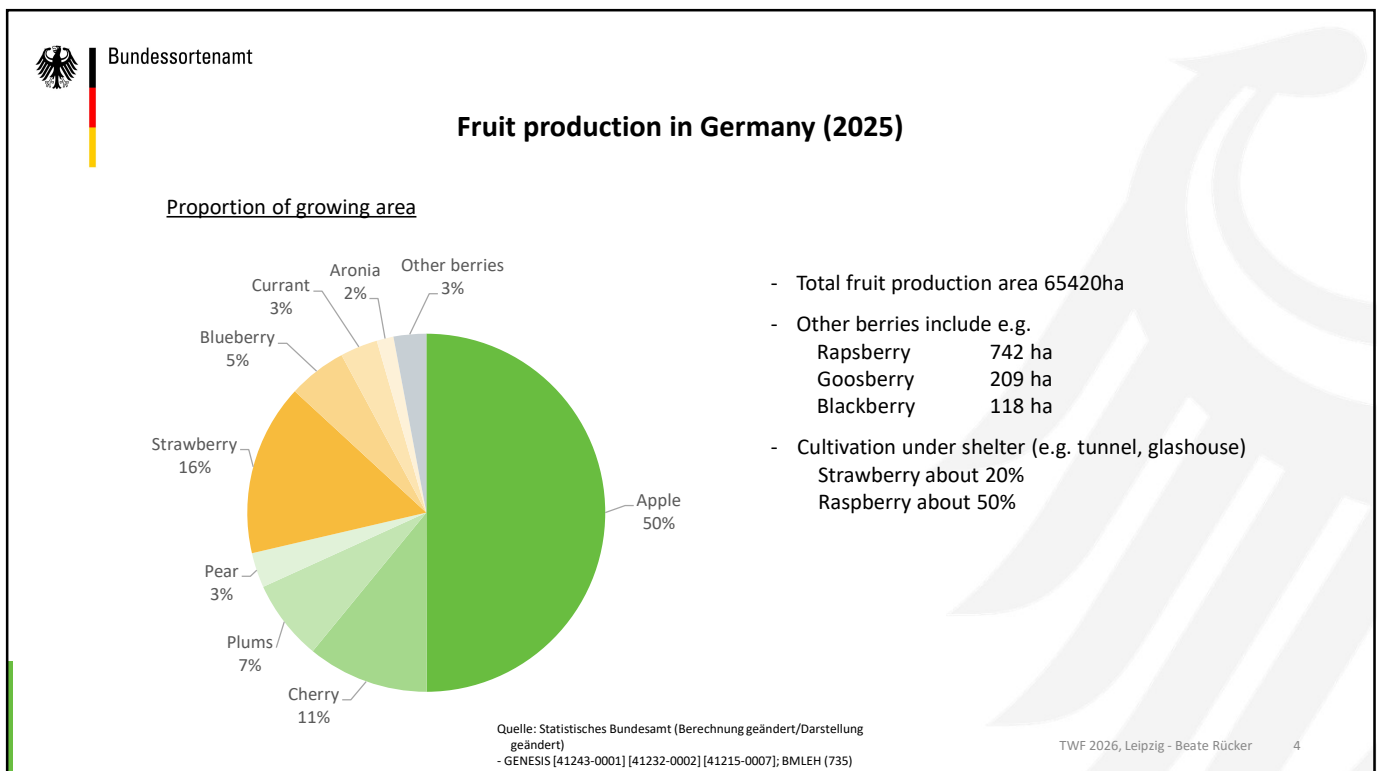
Bundessortenamt

Outline

1. Agriculture and fruit production in Germany
2. Responsibilities of the Bundessortenamt
3. Procedures before the Bundessortenamt
4. DUS testing and VCU testing for National Listing and Plant Breeders Rights
5. Organization of the Bundessortenamt



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Bundessortenamt

Outline

1. Agriculture and fruit production in Germany
2. Responsibilities of the Bundessortenamt
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TWF 2026, Leipzig - Beate Rücker

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Bundessortenamt

Federal Plant Variety Office – Bundessortenamt (BSA)

BSA is an independent federal authority by order of the Ministry of Agriculture, Food and Regional Identity.

Preparation of Legal Matters for the Federal Government

Variety and seed legislation

National Coordination

in Variety and Seed Matters

Admission to National List

Seed Act

- Value for cultivation and Use (VCU)
- Distinctness, Uniformity and Stability (DUS)

Maintenance control

Variety List

Granting Plant Breeders Rights

Variety Protection Act

- Distinctness, Uniformity and Stability (DUS)
- Novelty

Control of continued existence

Variety Register

Descriptive Variety List

Seed Act

Collaboration in Genebanks

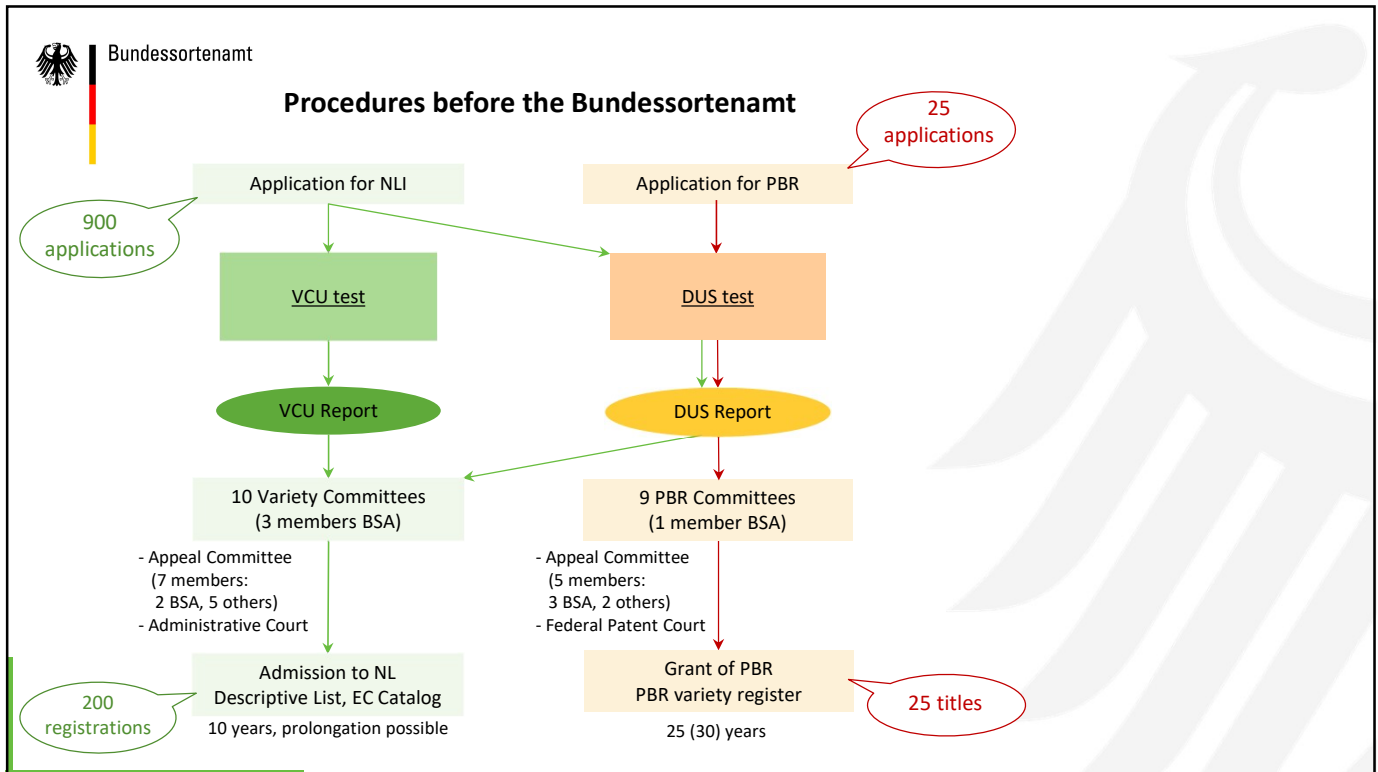
- Fruit
- Grape Vine
- Ornamentals

BSA represents Germany for variety and seed matters in international organisations and councils such as EU (Commission, Council, CPVO-AC), UPOV, OECD ...

TWF 2026, Leipzig - Beate Rücker

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 Bundessortenamt

Plant Variety Protection in Germany

National level:

German PBR granted according to German Variety Protection Act of December 19, 1997 by the Bundessortenamt

➤ effective in Germany

European level:

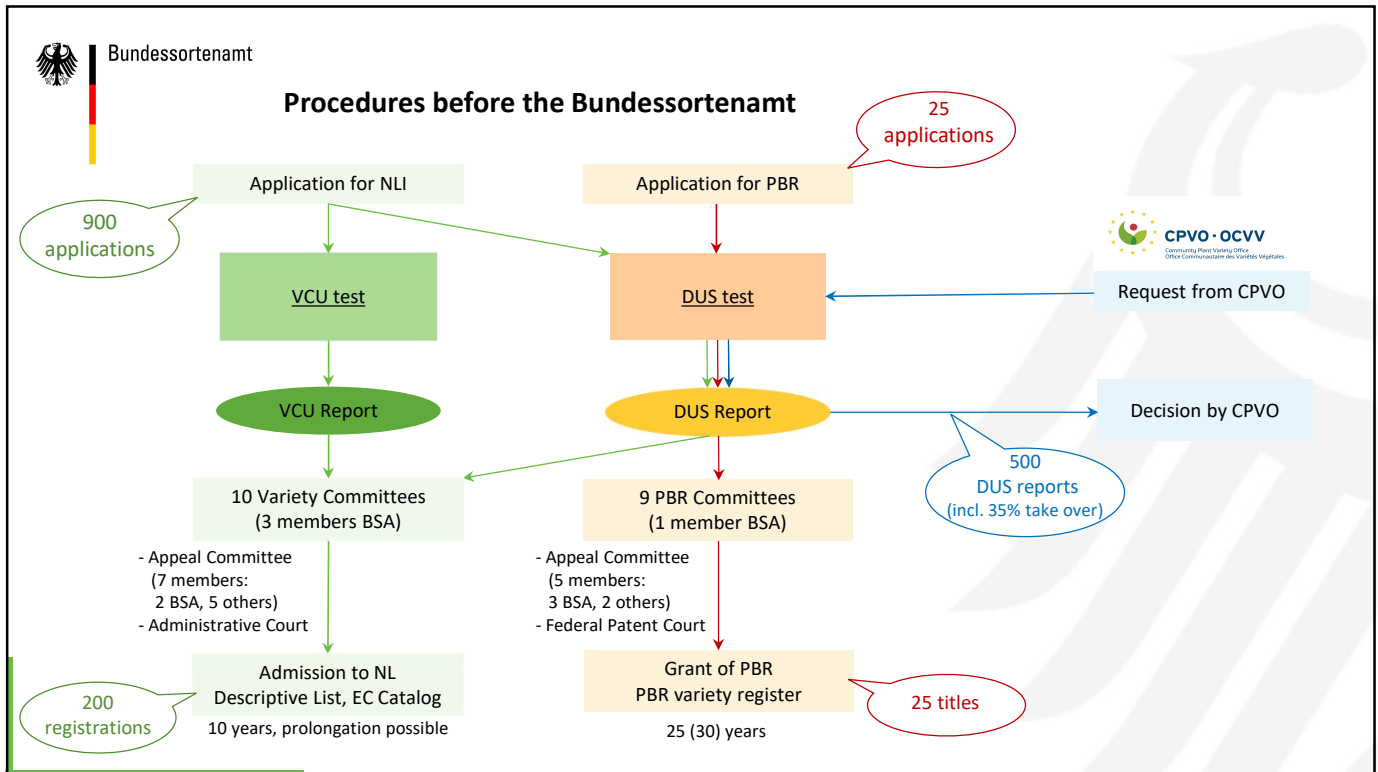
European PBR granted according to Council Regulation (EC) 2100/94 by the Community Plant Variety Office (CPVO)

➤ effective in all 27 member states

- Germany and European Union have implemented PBR according to UPOV 1991 Convention.
- CPVO, located in France, is an administrative office which cooperates for technical examinations with national authorities in EU member states.

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 Bundessortenamt

Outline

1. Agriculture and fruit production in Germany
2. Responsibilities of the Bundessortenamt
3. Procedures before the Bundessortenamt
4. DUS testing and VCU testing for National Listing and Plant Breeders Rights
5. Organization of the Bundessortenamt

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Bundessortenamt

DUS Testing

Target: Examination of DUS and preparation of variety description

- 1-2 year growing trials; comparison with varieties already known to which a new variety has to be distinct
- 1-2 locations (BSA or bilateral agreements)
- BSA guidelines based on UPOV-TG and CPVO-TP

International harmonisation:

- characteristics and way of description
- number of plants to be grown and to be observed per variety
- number of growing cycles
- tolerance levels for the assessment of uniformity (number of off-types allowed)

- report on examination and variety description

□ morphological, phenological, physiological characteristics

□ no requirements to have any commercial value

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Bundessortenamt

VCU Testing

Target: Examination VCU and description of value

A variety is considered to have value if:

- in combination of all value characteristics, it is clearly better than all listed varieties for comparable use
- improvement in agronomic characteristics, quality of harvest or products produced of it
- individual adverse characteristics can be compensated by other advantageous characteristics

- yield, quality, resistance, agronomic traits, traits for processing ...

- 2-3 year growing trials; comparison to standard varieties
- 12-20 locations (BSA, Federal States, Breeders)
- BSA-Guidelines

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Bundessortenamt

Number of registered varieties and candidate varieties in DUS tests
(30.06.2026)

	<u>Registered</u>		<u>Candidates in DUS tests</u>			
	NLI	PBR	Applied PBR / NLI	For other countries	Total	Number of species
Cereals	915	68	810	92	902	14
Forage Crops	906	112	280	125	405	26
Oil-, Fiber Crops	369	54	204	-	204	8
Beets	555	0	139	8	147	2
Potato	250	9	30	12	42	1
Vine	140	54	12	3	15	1
Vegetable	662	59	51	14	65	25
Fruits	3	120	24	162	186	8
Ornamentals (incl. Roses)	-	215	8	343	351	43
Woody Plants	-	24	-	33	33	11
Others	-	24	4	14	18	9
Total	3800	750	1562	806	2368	143

Community plant variety protection is granted for about 2700 varieties per year.
31798 Community plant variety rights in force at the end of 2025.

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Bundessortenamt

Main crops:

New applications PBR/NLI per year
(mean 2024 to 2026)

Maize	150	
Winter wheat	134	
Sugar beet	129	
Winter barley	96	
Winter oilseed rape	75	
Rosa	55	(total n > 50 ca. 50%)
Spring barley	42	
Winter rye	36	
Petunia	28	
Winter triticale	26	
Perennial ryegrass	24	
Potato	21	
Soya bean	20	
Calibrachoa	20	
Raspberry	20	(total n > 25 ca. 66%)
Total (130 species)	1320	

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Bundessortenamt

Outline

1. Agriculture and fruit production in Germany
2. Responsibilities of the Bundessortenamt
3. Procedures before the Bundessortenamt
4. DUS testing and VCU testing for National Listing and Plant Breeders Rights
5. Organization of the Bundessortenamt

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Bundessortenamt

Organisation

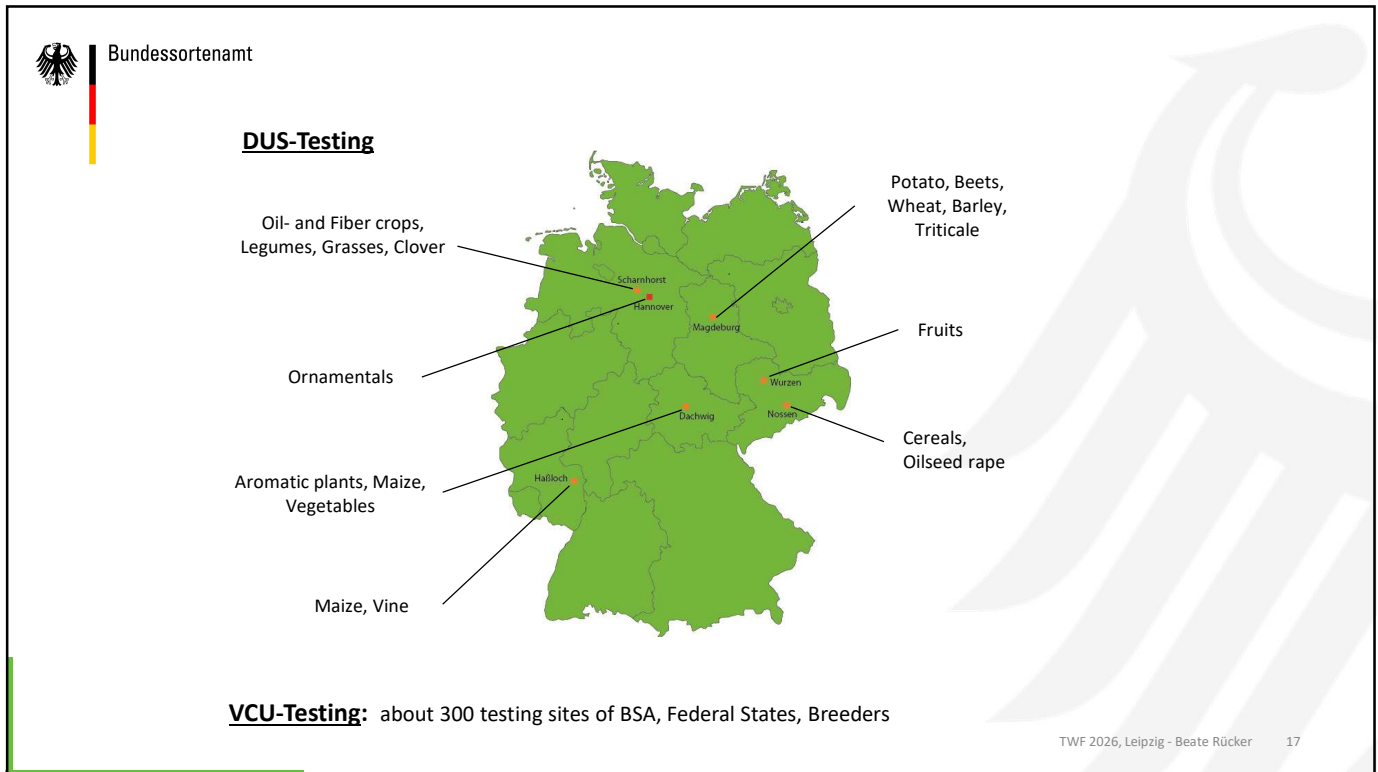
- Head of Office: President
- 3 Sections: - Central Service
 - National listing, Variety protection, Genetic Resources
 - Testing Stations
- Headquarters located in Hannover
- 7 Testing Stations (with about 447 ha field, 8100 m² greenhouse)
- Gazette: Blatt für Sortenwesen
- 240 posts (ca. 300 employees, incl. part time & seasonal)
- Expenses (2024) 28.9 Mio. EUR
- Income 14.8 Mio. EUR



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 Bundessortenamt

Thank you!

Sorten schützen.
Sorten zulassen.
Vielfalt erhalten.

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Bundessortenamt

The Testing Station Wurzen of the Federal Plant Variety Office



1



Bundessortenamt

- **Main tasks**
- **Key figures**
- **Climatic conditions**
- **Fruit variety testing**
- **Other tasks**

2



Bundessortenamt

Main tasks:

- DUS examination of fruit
- Plant genetic resources
- Fruit variety registration
- Vocational training



Bundessortenamt

- Main tasks
- Key figures



Bundessortenamt



5



Bundessortenamt



6



Bundessortenamt

area

planted area: 6,2 ha
rotation area: 13,7 ha
other area: 4,8 ha
total: 24,7 ha

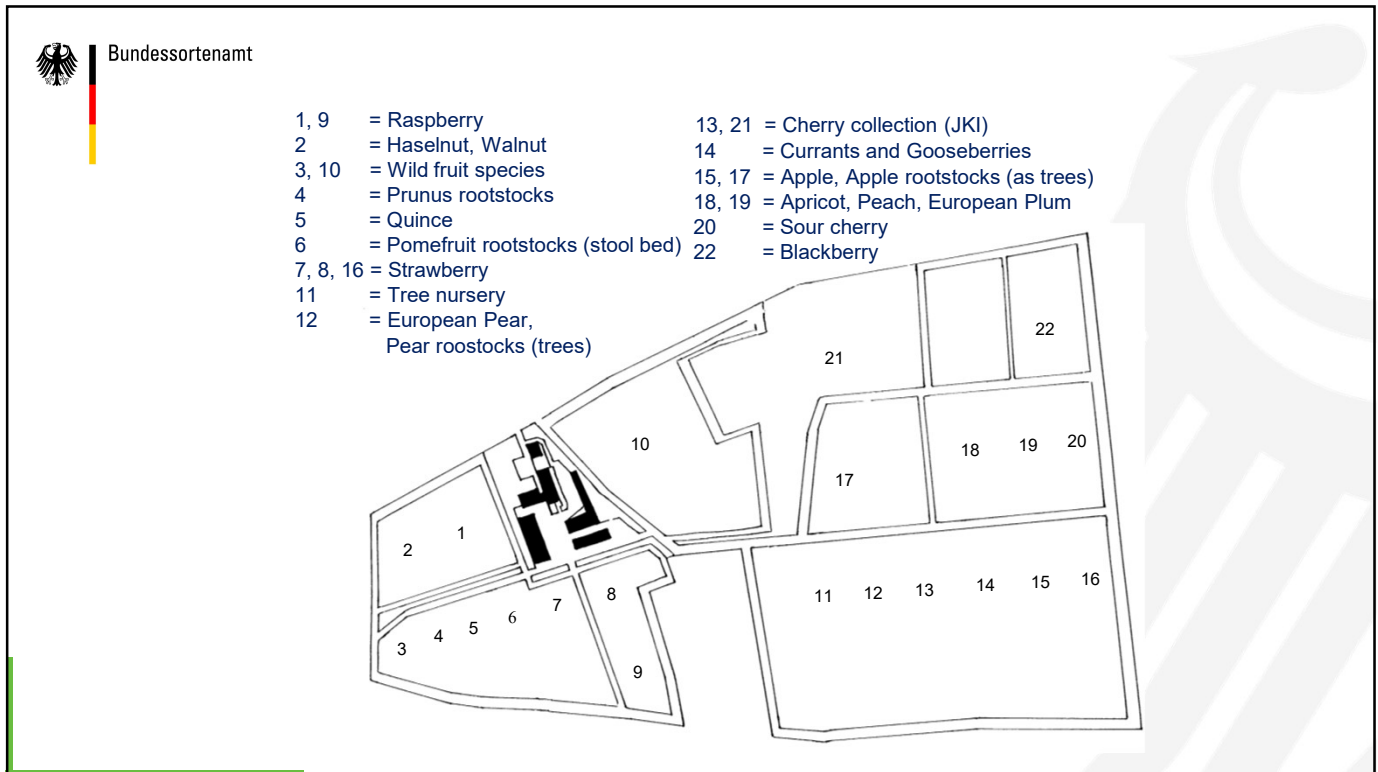
staff

24 employees:
1 station manager,
4 technical assistants,
1 office employee,
15 field workers,
3 trainees (fruit growing)

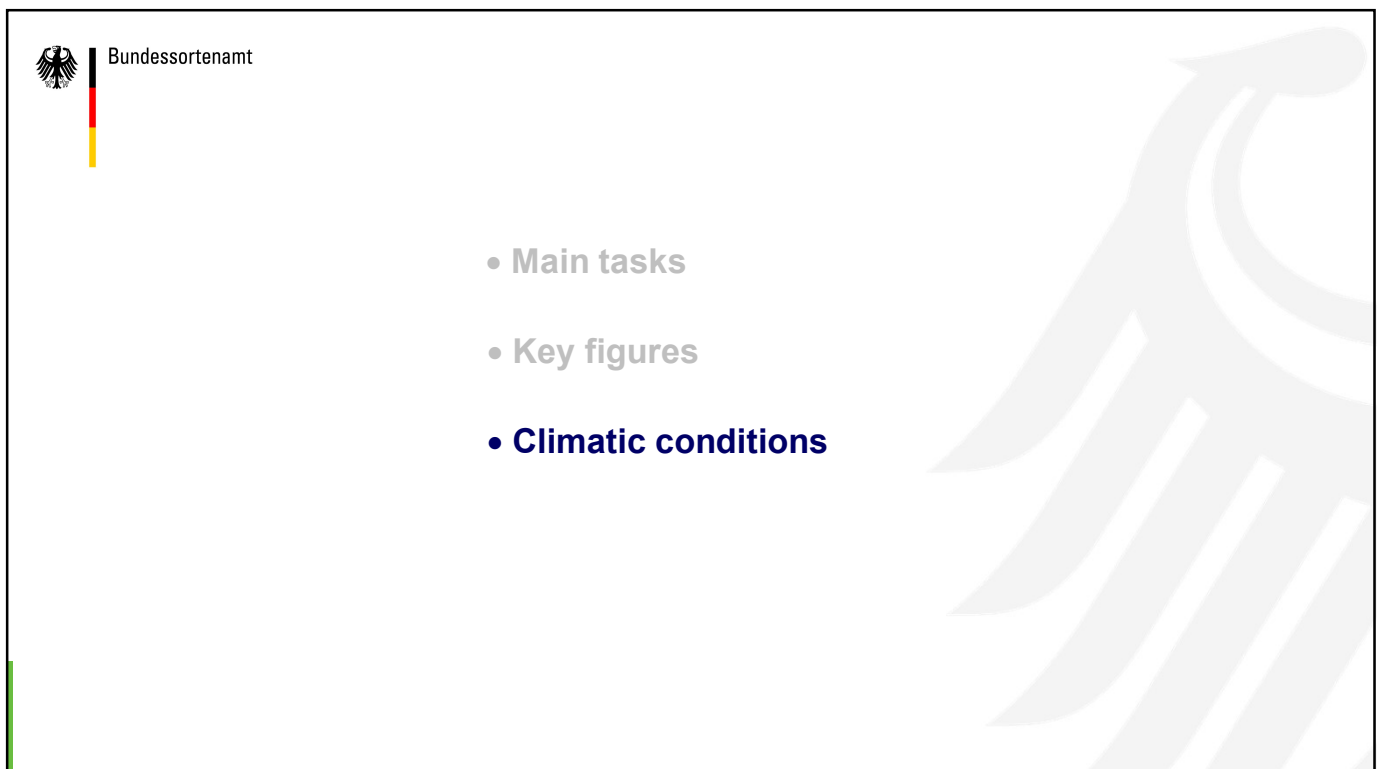


Bundessortenamt

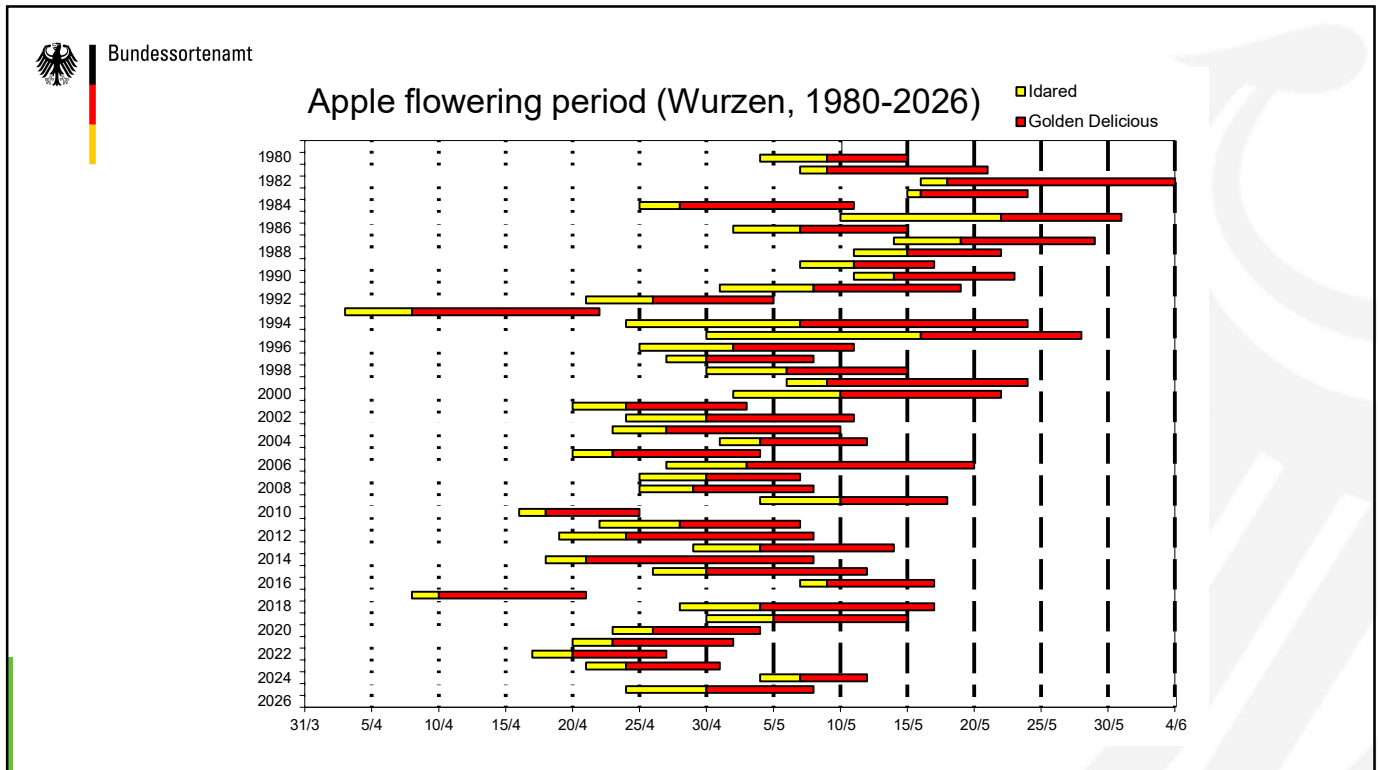




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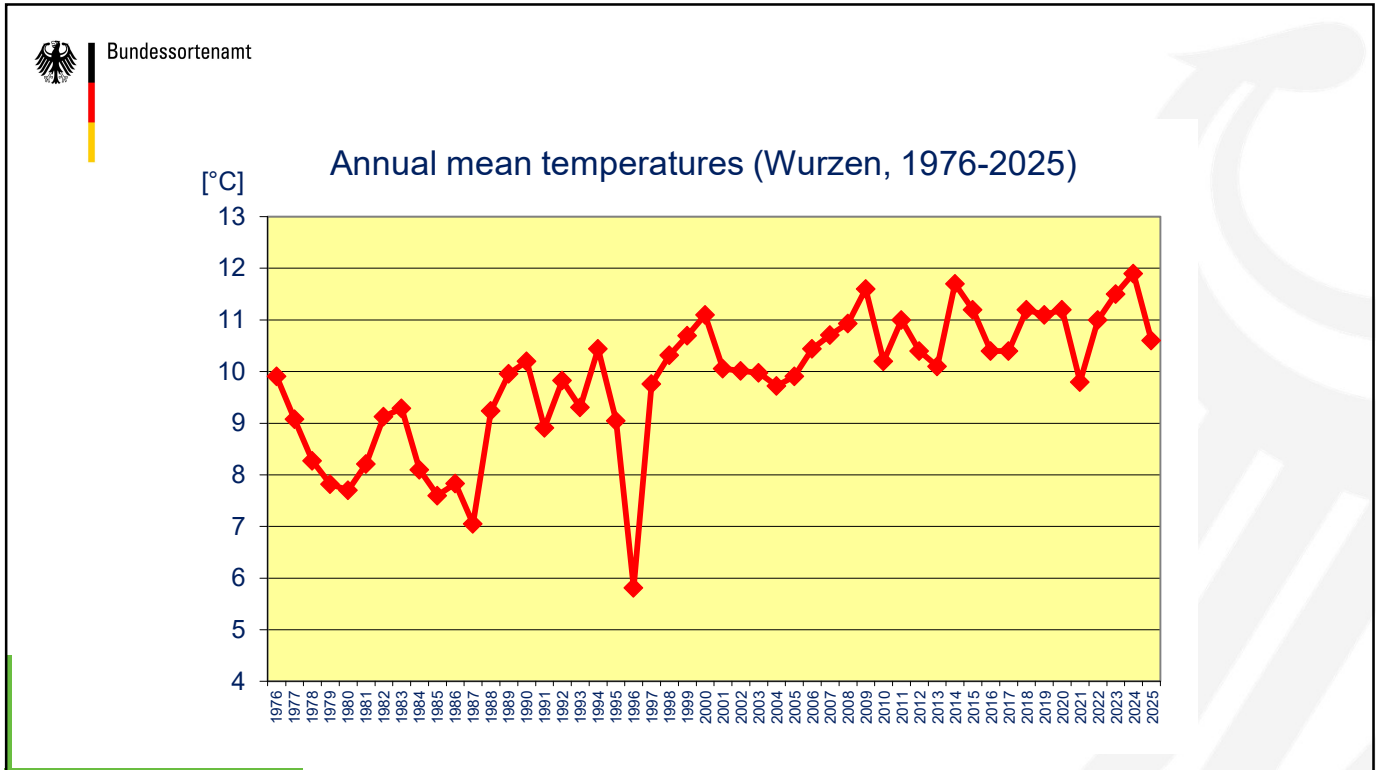
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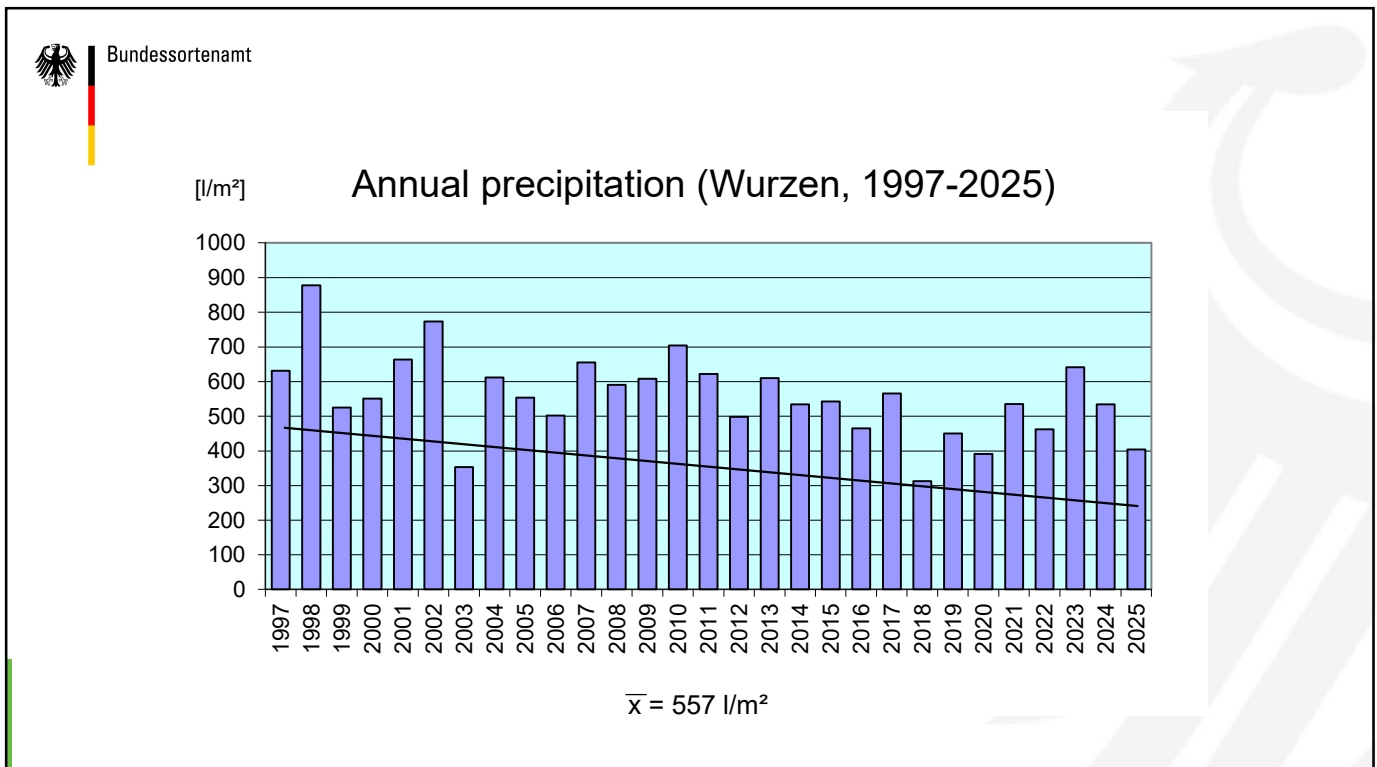
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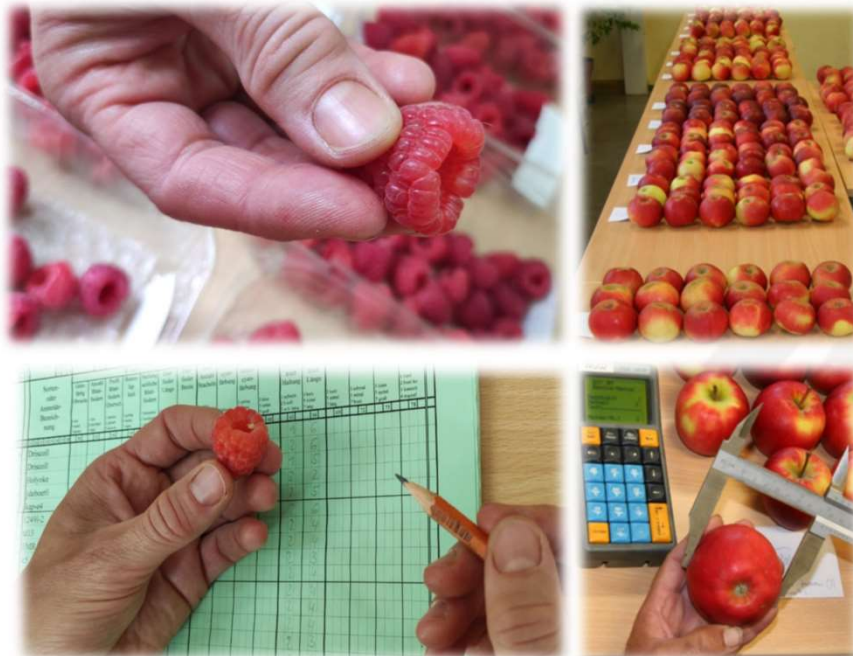
Bundessortenamt

- Main tasks
- Key figures
- Climatic conditions
- **Fruit variety testing**

15



Bundessortenamt



16

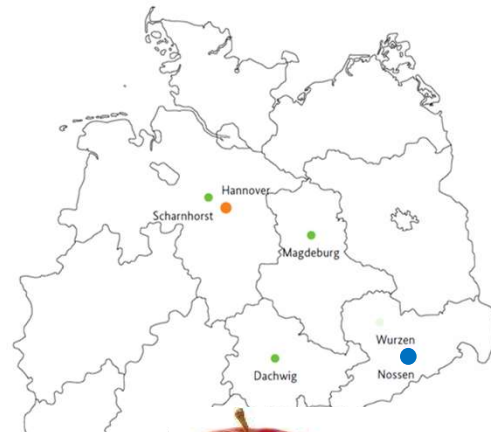


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Fruit Section 215

responsible for
44 fruit species

currently 143 procedures
(in 7 fruit species)



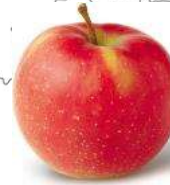
50



33



28



24

17



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DUS examinations 2026:

Raspberry	50 CPVO
Blackberry	28 CPVO
Strawberry	33 CPVO
Apple	17 CPVO(13), CH(3), NO(1) + DE(7)
European Pear	6 CPVO
Prunus rootstock	1 CPVO
Red currant	1 CPVO

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Bundessortenamt

Variety collection:

- living collection
 - actual and former candidates (standard samples)
 - other commonly known varieties
- data base (inhouse descriptions)
- photographs

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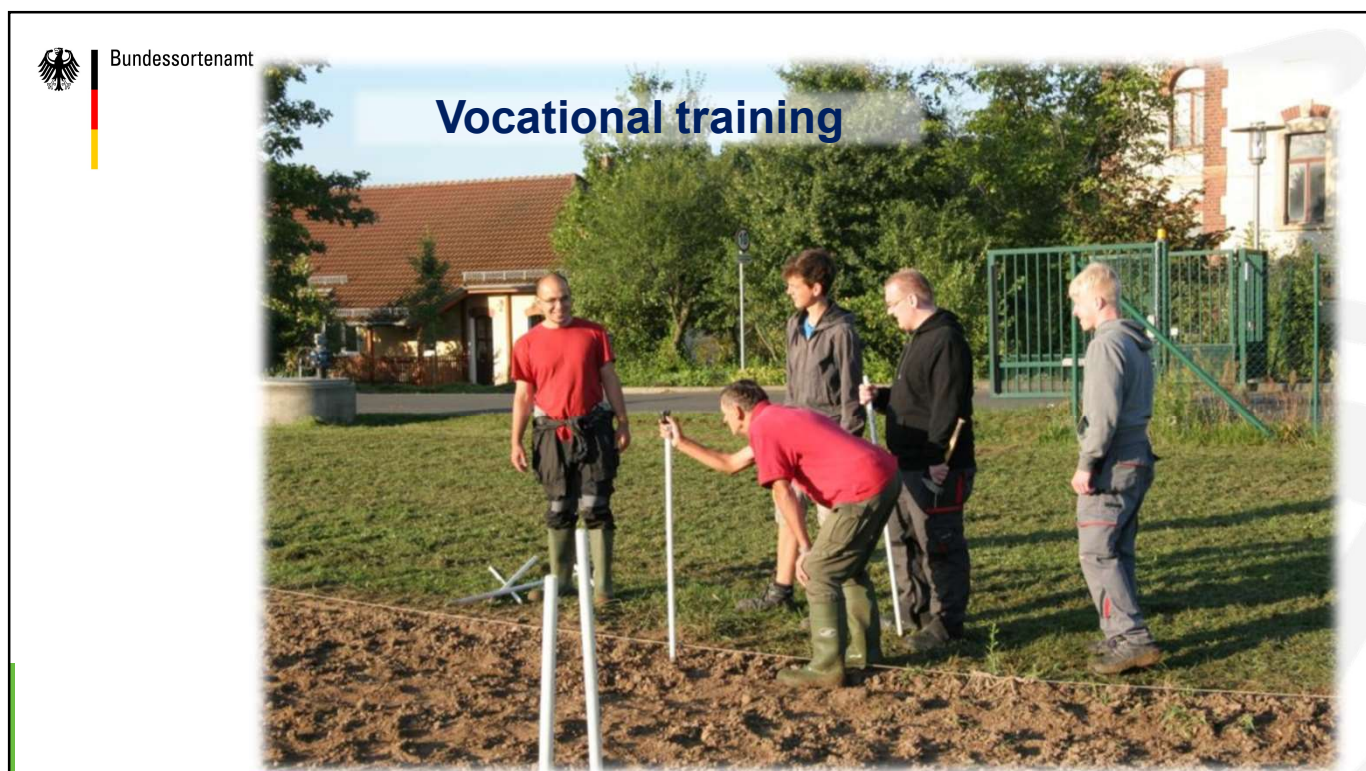
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- Main tasks
- Key figures
- Climatic conditions
- Fruit variety testing
- **Other tasks**

20

	Bundessortenamt	Plant Genetic Resources (December 2024)	418 accessions	
		Apple (<i>Malus domestica</i>)	105	
		Apple rootstock (<i>Malus</i> sp.)	19	
		Apricot (<i>Prunus armeniaca</i>)	2	
		Barberry (<i>Berberis communis</i>)	76	
		Blackcurrant (<i>Ribes nigrum</i>)	20	
		Blackberry (<i>Rubus</i> sect. <i>Rubus</i>)	2	
		Blue Honeysuckle (<i>Lonicera kamt.</i>)	9	
		Box Thorn (<i>Lycium barbarum</i>)	1	
		Chokeberry (<i>Aronia</i> sp.)	1	
		Cranberry Bush (<i>Viburnum opulus</i>)	6	
		Cornelian Cherry (<i>Cornus mas</i>)	2	
		Elderberry (<i>Sambucus nigra</i>)	68	
		Gooseberry (<i>R. uva-crispa</i>)	13	
		Hazelnut (<i>Corylus</i> sp.)	7	
		Japanese Quince (<i>Chaenomeles</i> sp.)	6	
		Jostaberry (<i>R. x culverwellii</i> , <i>R. x nidigr.</i>)	4	
		Medlar (<i>Mespilus germanica</i>)	4	
		Mountain Ash (<i>Sorbus</i> sp.)	3	
		Oregon Grape (<i>Mahonia aquifolium</i>)	12	
		Peach (<i>Prunus persica</i>)	124	
		Pear (<i>Pyrus communis</i>)	11	
		Pear rootstock (<i>Pyrus</i> L.)	43	
		Plum (<i>Prunus domestica</i>)	17	
		Prunus rootstock	43	
		Quince (<i>Cydonia oblonga</i>)	9	
		Quince rootstock (<i>Cydonia</i> sp.)	86	
		Raspberry (<i>Rubus idaeus</i>)	59	
		Red Currant (<i>Ribes rubrum</i>)	1	
		Rose Hip	17	
		Sea Buckthorn (<i>Hippophae rhamn.</i>)	28	
		Sour Cherry (<i>Prunus cerasus</i>)	7	
		Sloe (<i>Prunus spinosa</i>)	176	
		Strawberry (<i>Fragaria</i> sp.)	11	
		Walnut (<i>Juglans regia</i>)	1,400 accessions in total	

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Bundessortenamt

Pomology exercises



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Bundessortenamt

... we wish you a pleasant stay!

Dr. Erik Schulte
Bundessortenamt
Section 215 / Testing station Wurzen

✉ Torgauer Str. 100, 04808 Wurzen, Germany

☎ 03425/9040-0 (Fax -20)

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<http://www.bundessortenamt.de>

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Sorten zulassen.
Vielfalt erhalten.

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[Annex IV follows]



Bundessortenamt

DUS Examination of Blackberry Varieties (*Rubus* L.) at the Bundessortenamt

Pia Engelmann / 09.09.2026

1



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DUS Examination of Blackberry Varieties

DUS examination of blackberry varieties started 1985 at the BSA (in Wurzen 1996)

DUS examinations carried out	86
Varieties currently granted	1 (national PBR for Germany) 65 (European PBR for the European Union)
Candidates currently under examination	28 (application on behalf of the CPVO)
Living variety collection	111
Data base collection	165

2



Bundessortenamt

DUS Examination of Blackberry Varieties

Applications of Blackberry Varieties for European PBR on behalf of the CPVO (2019-2026)

Blackberry (Rubus L.)

Year	Applications
2019	6
2020	5
2021	12
2022	22
2023	14
2024	10
2025	11
2026	10



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Breeding activities - official and private breeding programs

Brazil, Chile, Mexico, United States of America (Arkansas, Oregon, California)
New Zealand
Belgium, Italy, Netherlands (Kingdom of the), Poland, Republic of Moldova, Spain,
Switzerland,
United Kingdom



Bundessortenamt

Breeding goals

Fruit quality (e. g. flavor, firmness, size, uniformity of fruits),
adaptation to different market systems (fresh market, processing)
Heat/cold tolerance, chilling requirements, adaptation to the environment
Growth habit, spinelessness, adaptation to different growing systems
Time of fruit ripening
Fruiting on current year's cane
Disease resistance
Yield

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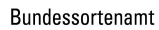
DUS Examination

Application / Request for technical examination
Trial planning
Plant material submission
Field trial and assessment of characteristics
Data analysis and evaluation
Decision / Final report

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6

6

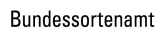


Application / Request

[illegible]

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Tools for trial planning

Inventory

Registered varieties

Publications, literature, catalogues

Market survey

Internet research

Other variety collections (e. g. testing stations)

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Tools for trial planning

Selection for similar varieties

Technical questionnaire, photographs (information of the applicant)

Living variety collection

Data base (descriptions and photographs)

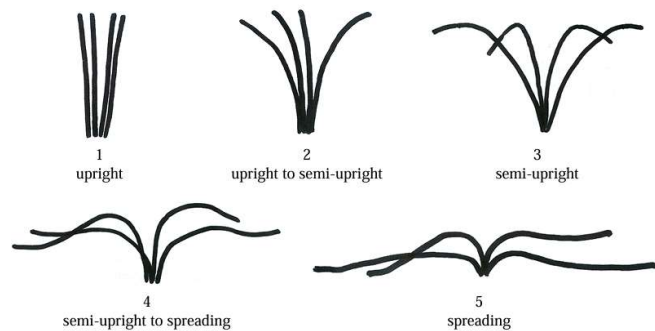


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Tools for trial planning

Grouping of varieties

Plant: growth habit





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Tools for trial planning

Grouping of varieties

Plant: growth habit

Dormant cane: spines



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Tools for trial planning

Grouping of varieties

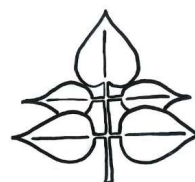
Plant: growth habit

Dormant cane: spines

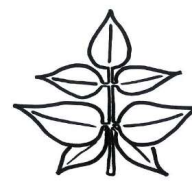
Leaf: predominant number of leaflets

Leaf: type

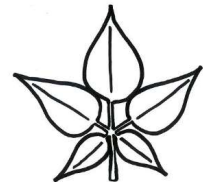
24. (*)	Leaf: predominant number of leaflets	Feuille: nombre prédominant de folioles	Blatt: vorwiegende Anzahl Fiederblätter	Hoja: número predominante de folioles		
PQ	(c) three	trois	drei	tres	Marionberry	1
	five	cinq	fünf	cinco	Himalaya, Jumbo	2
	seven	sept	sieben	siete	Karaka Black	3
25. (*) (*)	Leaf: type	Feuille: type	Blatt: Typ	Hoja: tipo		
QL	(c) odd-pinnate	imparipenné	unpaarig gefiedert	imparipinnada	Philadelphia	1
	intermediate	intermédiaire	intermediär	intermedia	Karaka Black	2
	palmate	palme	fingerförmig seefiedert	palmada	Thornless Evergreen	3



1
odd-pinnate



2
intermediate



3
palmate

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Tools for trial planning

Grouping of varieties

Plant: growth habit

Dormant cane: spines

Leaf: predominant number of leaflets

Leaf: type

**Time of beginning of flowering on
previous year's cane**

**Time of beginning of fruit ripening on
previous year's cane**



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Bundessortenamt

Plant material submission

submission time 15th until 30th, April

6 plants, at least 8 months old, potted in 7 - 20 cm pots, well rooted, cane length at least 20 cm

plant material must have been lab-tested to give a negative result for:

- Raspberry Ring Spot Virus (RpRSV)
- Raspberry Bushy Dwarf Virus (RBDV)
- Black Raspberry Necrosis Virus
- Raspberry Leaf Mottle Virus
- Rubus Yellow Net Virus
- Rubus Stunt Phytoplasma

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Bundessortenamt

Field trial

- Open field plantation in May (3 m x 2 m)
- Fertilization after soil analysis
- Rows covered with a water-permeable plastic film
- Trellis construction (stainless steel)
- Drip irrigation
- Plant protection in accordance with the integrated pest management
- One establishment year
- Two growing cycles for assessments of characteristics

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Bundessortenamt

Assessment of characteristics

Technical Guideline for Blackberry

- 44 characteristics
- 39 morphological characteristics
- 4 phenological characteristic
- 1 characteristic fruiting type

5 plants or parts of 5 plants (3 parts per plant)
for candidate varieties

The image shows a screenshot of the UPOV (International Union for the Protection of New Varieties of Plants) Technical Guideline for Blackberry. The document is titled "BLACKBERRY" and "UPOV Code: RUBUS_EUB". It includes the UPOV logo and the text "INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS GENEVA". The document is dated 2008-04-05 + 2017-10-17. It also mentions "UPOV Species Code: RUBUS_EUB" and "Adopted on 15/11/2006". The document is part of the "EUROPEAN UNION" and "EUROPEAN PLANT VARIETY OFFICE".

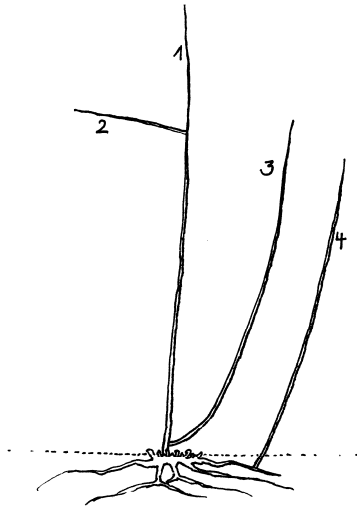
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Peculiarities



- 1 Current year's cane in the first year, or previous year's cane in the second year, sprouting from the crown
- 2 Fruiting lateral
- 3 Current year's cane in the first year, or previous year's cane in the second year, sprouting from the basal part of cane
- 4 Current year's cane in the first year, or previous year's cane in the second year, sprouting as sucker from adventitious root buds

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DUS Examination of Blackberry Varieties

DUS Examination

Application / Request for technical examination

Trial planning

Plant material submission

Field trial and observations

Data analysis and evaluation

Decision / Final report

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Thank you!

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Sorten zulassen.
Vielfalt erhalten.

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Bundessortenamt

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email: bsa@bundessortenamt.de

Contact

Pia Engelmann
Technical Examiner
Section 215
phone: +49 3425 9040-11
email: pia.engelmann@bundessortenamt.de

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Bundessortenamt

UPOV TWF – 57th Session

DUS Examination of Apple Varieties (*Malus domestica* Borkh.) at the Bundessortenamt



Stefan Eschke / 09.09.2026

1



Bundessortenamt

Introduction

Examination

- Trial planning
- Plant material
- Observations
- Data evaluation
- Decision / Final report

Remarks

2



Bundessortenamt

Introduction

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3

3



Bundessortenamt

- **Apple variety trials since 1905**
- **DUS examination started 1975 (in Wurzen 1990)**
- **DUS examinations carried out: 254**
- **Titles ever granted: 185**
- **Currently granted: 89**
- **Living collection: 676 varieties**
- **Data base descriptions: 729, photographs ~1000**

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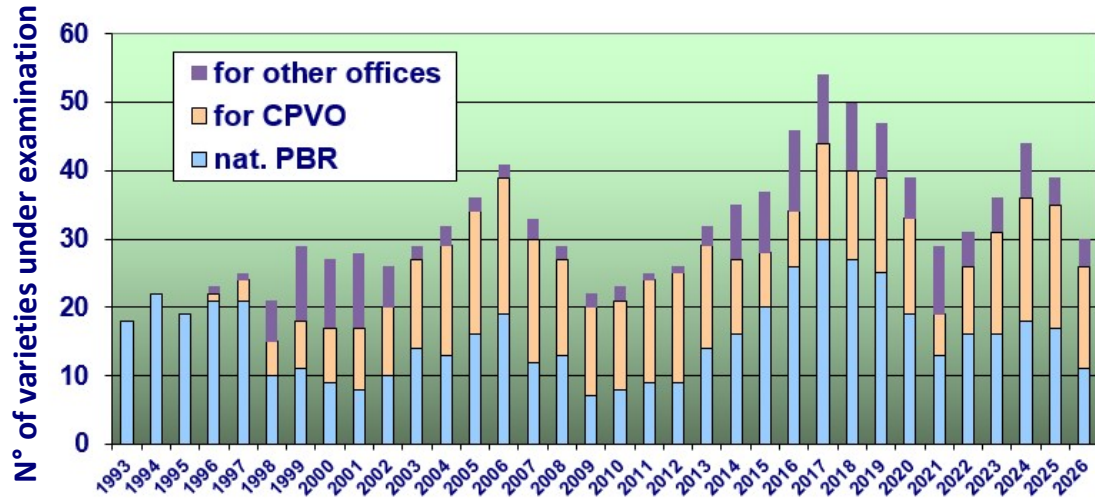
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Bundessortenamt

DUS examination of apple



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Bundessortenamt

Introduction

Examination

- Trial planning

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Bundessortenamt

Introduction

Examination

- Trial planning
- **Plant material**

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Bundessortenamt

Plant material

- Quality and quantity requirements:
one-year-old grafts
 - Crossings: n = 6
 - Mutations: n = 11
 - Reference: n = 3-5
- No interstem
- Label, documentation



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Bundessortenamt

Field trial

Trellis

Trellis system

Spacing

Rows: 3.50 m
Trees within row: 1.50 m

Pruning

Central leader

Irrigation

Drip irrigation
Frost protection irrigation

Ferti- lization

Based on soil analysis
(via soil or leaves)

Pest manage- ment

Integrated pest management
(IPM)

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Bundessortenamt

Introduction Examination

- Trial planning
- Plant material
- **Observations**

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Bundessortenamt

Selecting fruits for assessment

- min. 10 typical fruits
- at time of harvest maturity
- from outer part of canopy
- with fruit stalk
- cold storage

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Bundessortenamt

Characteristic assessment Observations

CPVO-TP/014/3



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Bundessortenamt

Fruit skin



- **Over colour**
 - **amount**

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Fruit skin

*Over-colour hue is assessed after removing the bloom
(CPVO-TP/014/3, Ad. 30)*



- **Over colour**
 - **hue**



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From Observation to Note

- **Measured quantitative** characteristics
(e.g. fruit size, leaf blade length)
recorded via the **Mobile Data Logger**



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Bundessortenamt

Introduction

Examination

- Trial planning
- Plant material
- Observations
- Data evaluation
- **Decision / Final report**

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Variety Description & Decision



- Every assessed characteristic is described by its note, giving a complete, harmonized variety description
- If a variety is found to be sufficiently distinct, uniform and stable, a PBR title can finally be granted

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Bundessortenamt

Introduction

Examination

- Trial planning
- Plant material
- Observations
- Evaluation
- Decision / Final report

Remarks

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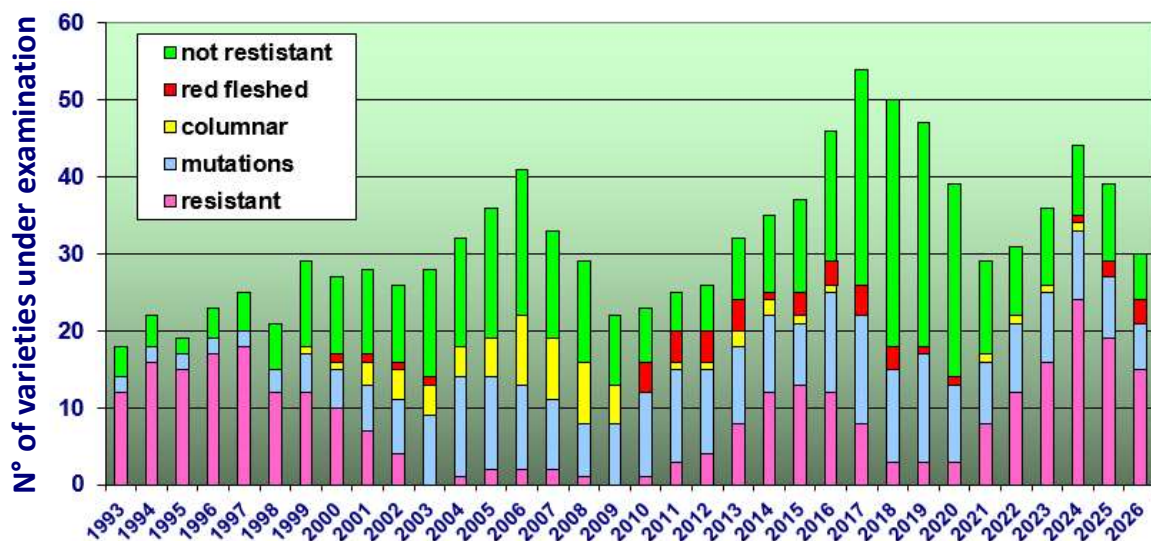
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Bundessortenamt

Breeding aims



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Thank you!

Sorten schützen.
Sorten zulassen.
Vielfalt erhalten.

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Bundessortenamt

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[Annex VI follows]

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

by October 23, 2026Full draft Test Guidelines

Species	Basic Document(s)	Leading expert(s)
*Argan (<i>Argania spinosa</i> (L.) Skeels)	TG/ARGAN(proj.8)	Ms. Ibtihaj Belmehdi (MA)
*European pear (<i>Pyrus communis</i> L.; <i>Pyrus</i> × <i>bretschneideri</i> Rehder × <i>Pyrus communis</i> L.; Hybrids between <i>Pyrus communis</i> and <i>P. ussuriensis</i> ; <i>Pyrus</i> × <i>lecontei</i> Rehder) (Revision)	TG/15/4(proj.2)	Mr. Erik Schulte (DE)
*Granadilla, passion fruit (<i>Passiflora edulis</i> Sims) (Revision)	TG/256/2(proj.5)	Mr. Barkat Mustafa (AU)
*Hazelnut (<i>Corylus avellana</i> L.; <i>Corylus colurna</i> L., <i>Corylus americana</i> Marshall; Hybrids between <i>Corylus americana</i> and <i>Corylus avellana</i>) (Revision)	TG/71/4(proj.8)	Mr. Flavio Roberto de Salvador (IT)
*Japanese pear (<i>Pyrus pyrifolia</i> (Burm. f.) Nakai; <i>Pyrus ussuriensis</i> Maxim. & Rupr.; Hybrids between <i>Pyrus pyrifolia</i> and <i>Pyrus ussuriensis</i> ; <i>Pyrus</i> × <i>bretschneideri</i> Rehder) (Revision)	TG/149/3(proj.3)	Mr. Yosuke Abe (JP)
*Japanese plum (<i>Prunus salicina</i> Lindl.; <i>Prunus</i> × <i>limeixing</i> (J. Y. Zhang & Z. M. Wang) Y. H. Tong & N. H. Xia; Hybrids between <i>Prunus salicina</i> Lindl. and <i>P. avium</i> (L.) L.) (Revision)	TG/84/5(proj.3)	Ms. Carole Dirwimmer (FR)

DRAFT TEST GUIDELINES TO BE DISCUSSED AT TWF/58

(* indicates possible final draft Test Guidelines)

(Guideline date for Subgroup draft to be circulated by Leading Expert: March 26, 2027

Guideline date for comments to Leading Expert by Subgroup: April 23, 2027)

New draft to be submitted to the Office of the Union by

May 21, 2027

Full draft Test Guidelines

Species	Basic Document(s)	Leading expert(s)	Interested experts (States/Organizations) ²
Blueberry (Revision)	TG/137/5	Mr. Barkat Mustafa (AU)	CA, CN, HU, JP, KR, NZ, PL, PT, QZ, TR, ZA, CIOPORA, Office
*Guava (<i>Psidium guajava</i> L.; <i>Psidium cattleianum</i> Sabine var. <i>littorale</i> (Raddi) Fosberg) (Revision)	TG/110/4(proj.5)	Ms. Ling Gao (CN)	BR, KE, KR, MX, MY, QZ, CIOPORA, Office
Persimmon (<i>Diospyros kaki</i> L.) (Revision)	TG/92/4	Mr. Yang Xu (CN)	ES, JP, KR, QZ, CIOPORA, Office

Partial revisions

Species	Basic Document(s)	Leading expert(s)	Interested experts (States/Organizations) ¹
Lemon (Lemons and Limes (<i>Citrus</i> L. - Group 3)) - Coverage of the Test Guidelines and grouping characteristics	TG/203/1 Rev. Corr.	Ms. Gema Ancillo Antón (ES)	BR, CA, IT, JP, KR, MA, NZ, QZ, TR, ZA, CIOPORA, Office
Mandarin (<i>Citrus</i> L. – Group 1) - Coverage of the Test Guidelines and grouping characteristics	TG/201/1 Rev. Corr.	Ms. Gema Ancillo Antón (ES)	BR, CA, IT, JP, KR, MA, NZ, QZ, TR, ZA, CIOPORA, Office
Trifoliate orange ((<i>Poncirus</i>) (<i>Citrus</i> L. - Group 5)) - Coverage of the Test Guidelines and grouping characteristics	TG/83/4 Rev. Corr.	Ms. Gema Ancillo Antón (ES)	BR, CA, IT, JP, KR, MA, NZ, QZ, TR, ZA, CIOPORA, Office
Oranges (<i>Citrus</i> L. - Group 2) - Coverage of the Test Guidelines and grouping characteristics	TG/202/1 Rev. 2	Ms. Gema Ancillo Antón (ES)	BR, CA, IT, JP, KR, MA, NZ, QZ, TR, ZA, CIOPORA, Office
Grapefruit and pummelo (<i>Citrus</i> L. - Group 4) - Coverage of the Test Guidelines and grouping characteristics	TG/204/1 Rev. 2	Ms. Gema Ancillo Antón (ES)	BR, CA, IT, JP, KR, MA, NZ, QZ, TR, ZA, CIOPORA, Office

² for name of experts, see List of Participants

Possible Test Guidelines to be discussed in the future

Species	Basic Document(s)
Blackberry (<i>Rubus</i> subg. <i>Rubus</i>)	TG/73/7 Corr. (DE)
Carambola (<i>Averrhoa carambola</i> L.)	NEW
Cape gooseberry (<i>Physalis peruviana</i> L.)	NEW
Date palm (<i>Phoenix dactylifera</i> L.)	TG/PHOEN_DAC(proj.1) (IL)
Soursop (<i>Annona muricata</i> L.)	NEW

Participation in discussions of Test Guidelines from other TWPs

<u>Subject</u>	Interested experts (countries/organizations) ³
Ornamental apple (<i>Malus</i> Mill.) (Revision)	CA, DE, FR, HU, IT, JP, KR, PL, QZ, CIOORA

[End of Annex VI and of document]

³ for name of experts, see list of participants