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UPOV

TWV/XVIII/14

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INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS

GENEVA

TECHNICAL WORKING PARTY
FOR
VEGETABLESEighteenth Session
Cambridge, United Kingdom, July 9 to 12, 1985

REPORT

adopted by the Technical Working Party for VegetablesOpening of the Session

1. The eighteenth session of the Technical Working Party for Vegetables (hereinafter referred to as "the Working Party") was held in St John's College in Cambridge, United Kingdom, from July 9 to 12, 1985. A Subgroup on Vegetable Marrow, Pumpkin met at the same place on July 8, 1985. The List of Participants is given in the Annex to this report.

2. Dr. J.K. Doodson, Deputy Director of the National Institute of Agricultural Botany (NIAB) welcomed the participants to his country. The session was opened by Dr. J. Habben, Chairman of the Working Party.

Adoption of the Agenda

3. The Working Party adopted the agenda as reproduced in document TWV/XVIII/1.

Adoption of the Report on the Seventeenth Session

4. The Working Party adopted the report on its seventeenth session as reproduced in document TWV/XVII/19 Prov., after having agreed on the following changes:

(i) In paragraph 7, Technical Note 3, the word "growing" in the fourth line was to be replaced by "growing period."

(ii) In paragraph 8, in the third line, before the word "Sweden," the word "Spain" was to be included.

(iii) In paragraph 12, in the first line, the word "vegetable species" should be replaced by "some vegetable species where a clear classification is possible."

Report on the Twentieth Session of the Technical Committee

5. Dr. M.-H. Thiele-Wittig gave a very short report on the last session of the Technical Committee, especially in view of the fact that another agenda item "Additional Matters Resulting from the Twentieth Session of the Technical Committee" was to deal with the main points discussed during that session. The full report of that session is reproduced in document TC/XX/12 Prov.

Comparison of Pea Variety Descriptions

6. Dr. Habben introduced document TWV/XVIII/13, containing a comparison of the results of the description of several characteristics of a selected number of pea varieties observed in parallel trials in several member States. The Working Party went through the document characteristic by characteristic noting those characteristics which showed no problems, since most observations agreed, and those characteristics where differences were to be seen but where nevertheless the order of the observations of all varieties was the same and thus only the overall range of recordings was slightly shifted, as well as those characteristics where real differences were to be seen which could either be explained by environmental interaction or by the lack of an exact definition of the characteristic in the Test Guidelines. The Working Party decided to repeat these comparison trials for another year with eight varieties, of which some would be identical to those used in the preceding trials but some other varieties selected to clarify certain characteristics where problems had occurred during the preceding trial. Proposals for new characteristics to be included should be sent to Mr. Green (United Kingdom) before November 15, 1985. Mr. Green would then prepare before the end of the year a paper on this new trial indicating which varieties had been selected, which characteristics had to be observed and how the observations had to be made. He would also organize the centralized mailing of seed to the member States which had stated to Mr. Green their willingness to participate in that trial. This paper would be sent at the same time to both the members of the Technical Working Party for Vegetables and the members of the Technical Working Party for Agricultural Crops to enable both Working Parties to participate jointly in that trial. Any wishes for participation should be addressed to Mr. Green within four weeks of receiving information.

Study on How Tests are Carried Out With Respect to Tomato in the Individual Member States

7. The Working Party agreed to discuss that agenda item at the same time as the discussions on the revision of the Test Guidelines for Tomato.

Tolerances for Inbred Plants

8. The Working Party discussed again the question of tolerances for inbred plants in addition to the tolerances indicated in the General Introduction to

the Test Guidelines for off-types in hybrid varieties. It finally agreed to the possibility of accepting certain additional tolerances for off-types in hybrid varieties at a range of 5 to 10% as long as the extra off-types are clearly recognizable as inbred plants. The actual percentage would depend on the species and breeding method concerned. The Working Party would fix the percentage and include it in the Test Guidelines each time it was establishing or revising a Test Guidelines document for a species in which these inbred plants occur.

List of Reference Books and Documents

9. The Working Party took note and agreed to the list of reference books and documents given in document TWV/XVIII/8 as well as to the proposal for grouping that information. In addition, it would update the list of publications every year by new publications, of which the data was to be sent to the Office of UPOV. It would furthermore propose to the Technical Committee that it consider the possibility of including in that list of documents the titles of the official gazettes of the UPOV member States, of the national lists of varieties, the EC lists of varieties, the national descriptive lists, the national recommended lists, the UPOV Test Guidelines.

Items for the Technical Working Party on Automation and Computer Programs

10. Mr. Brand (France) introduced document TWV/XVIII/7, listing the problems encountered in the testing of onion and carrot varieties. After having gone through the document, the Working Party agreed that the results of the same test going on at present in France for another year should be combined in a new document for presentation and discussion during its coming session.

11. The Working Party agreed in addition to try to get an inventory of the statistical methods used at present when comparing data on vegetable varieties. For this purpose, Dr. Weatherup (United Kingdom) would prepare a questionnaire on the type of information required and would attach a specimen completed by the United Kingdom. The answers to that questionnaire should be sent to the Office of UPOV by the end of this year. They would then be circulated to the members of the Working Party as well as to the members of the Technical Working Party on Automation and Computer Programs.

Standard Test Guidelines

12. Mr. Schneider (Netherlands) introduced document TWO/XVIII/3, containing an example for a new layout of the Test Guidelines. The Working Party agreed to propose to the Technical Committee that it adopt that new layout for all future Test Guidelines. This new proposal should, however, be amended as follows:

- (i) The numbering of the paragraphs should start from zero in each chapter.
- (ii) The trilingual information on the Table of Characteristics should immediately precede the table itself.
- (iii) The grouping chapter should be called "classification."

(iv) It might not always be necessary to include the "Conduct of Trials" in the Test Guidelines but the chapter should remain in the standard since information on the testing of resistance or on the minimum requirements might also be included in that chapter in future.

(v) Before the chapter on the literature, a new chapter "Additional information to complete the description of varieties" should be included to enable the national authorities to supply further particularities for inclusion in the variety description such as, for example, shadowgraphs or photos of particular organs of the variety.

Additional Matters Resulting from the Twentieth Session of the Technical Committee

Testing of Distinctness

13. The Working Party noted paragraph 16 of document TC/XX/12 Prov. It agreed that the question mentioned in that paragraph was mainly applicable to varieties propagated vegetatively. As the species in the field of its competence were mainly propagated by seeds, this problem did not occur in its area of competence.

Testing for Homogeneity

14. The Working Party noted paragraph 18 of document TC/XX/12 Prov. which explained the difficulty of selecting appropriate control varieties for the testing of homogeneity. Having noted that at present the Technical Working Party on Automation and Computer Programs was discussing a new method for overcoming that problem by using all varieties in the trials, the Working Party decided to await the outcome of those discussions before continuing to discuss that subject.

Homogeneity of Hilum Color in Broad Beans and Field Beans

15. Having rediscussed the question of homogeneity of the hilum color in broad beans and field beans, the Working Party strongly proposed to the Technical Committee that it review its decision and revise the Test Guidelines for Broad Beans and Field Beans in order to include an asterisk for that characteristic. It was the opinion of the Working Party that the characteristic had to be homogeneous for both broad bean and field bean. In order to avoid problems in the future, it should be recommended that member States combine their tests for broad bean and field bean and for vegetable peas and field peas in one single trial each to avoid different treatment of the two groups.

Harmonization of Lists of Characteristics Established by Different Bodies

16. The Working Party noted that in its field of competence it generally received a fair number of comments on the draft for Test Guidelines when they were circulated. Thus, a change was not as urgent and pressing as in some of the other Technical Working Parties. The Working Party noted, however, that at present in the European Communities, the directives governing the characteristics for the registration of varieties were updated with the help of existing UPOV Test Guidelines. As some of those UPOV Test Guidelines had been established quite some years ago, they needed revision. To avoid the EC

authorities making changes they might consider necessary and that could differ from those made within UPOV, the Working Party agreed to review its list of established Test Guidelines and to check which of them would require an advanced revision.

Sanitary Status of Plant Material Sent in for Testing

17. The Working Party considered that the question of the sanitary status of plant material sent in for testing was more of a problem for vegetatively propagated varieties. It would, however, also consider this subject when it arose in its own field of competence, e.g. with respect to virus infections for garlic or shallot.

Procedure for the Revision of UPOV Test Guidelines

18. The Working Party noted paragraph 22 of the report on the last session of the Technical Committee and agreed to follow the steps as mentioned in paragraph (i) to (iv) when revising or establishing new Test Guidelines.

Minimum Distances Between Varieties

19. The Working Party noted the outcome of the discussions on the question of minimum distances between varieties as reported in paragraphs 49 and 50 of document TC/XX/12 Prov.

Discussion on Working Papers on Test Guidelines

Test Guidelines for Turnip (Revision)

20. The Working Party noted document TWA/XIV/7 Rev. together with the changes made to that document by the Technical Working Party for Agricultural Crops during its last session and reproduced in document TWV/XVIII/11. The Working Party finally agreed to the changes and to the presentation of the document to the professional organizations for comments after the following additional changes had been made in document TWA/XIV/7 Rev.:

(a) The document would have to apply to "Turnip, Turnip Rape (including Turnip Greens, Grazing Turnip, Broccoletto/Navet, Navette/Herbst-, Mairübe, Rübsen/Brassica rapa L. sensu lato)."

(b) In the Technical Notes, paragraph 3 should be deleted as superfluous, in paragraph 4, the minimum number of plants should be corrected to 40 plants and, in paragraph 5, characteristics 3, 10, 28 and 37 should be included as characteristics for variety grouping.

(c) In the Table of Characteristics, after characteristics 17, a new characteristic should be included reading: "Leaf: hairiness of upper side," to be recorded at stages 23 to 26 with the states "absent (Appin), present (Blanc dur d'hiver)" and another characteristic reading: "Leaf: intensity of hairiness of upper side" with the states "weak (Teutonengold, Houtlander, Tokyo Market), medium (Milan à forcer collet rouge), strong (Blanc dur d'hiver, Hampshire Hardy Green Round, Blanc plat hâtif à feuille entière)," in characteristic 21, the word "black" should be deleted and instead included as

an additional state in characteristics 22 and 24, both times with the example variety "Noir rond," characteristic 36 should be split up for autumn sown and spring sown trials, and after characteristic 46, a new characteristic should be inserted reading: "Seed: 1000 seed weight" with the states "low, medium, high." In addition, in characteristic 22, it would have to be checked whether the states "purple" and "bronze" were to be combined to form one single state or not.

Test Guidelines for Melon

21. The Working Party discussed the preparation of Test Guidelines for Melon on the basis of Working Paper TWV/XVIII/3 and agreed to present the document to the professional organizations for comments after the following main changes had been made in that document:

(a) Changes made in the Table of Characteristics:

Characteristics

- 1, 2 to receive the additional example varieties "Golden Crispy, Market Gold (1), Rochet (7), Noy (9)" and to have the example variety "Helios" deleted
- 3 to receive the additional example varieties "Cavaillon Espagnol à chair rose (3), De Bellegarde (7)" and to have the example variety "Vedrantaïs" moved from Note 7 to Note 5
- 5 to have the additional example varieties "Classic, Printadou (3), Honey Dew, Pharo (5), Viadana (7)" and to have the example variety "Vedrantaïs" deleted and the example variety "Tendral Verde Tardio" corrected
- 6 to have the additional example varieties "Amarillo Canario, Saticoy (3);" after this characteristic, a new characteristic to be inserted reading: "Leaf blade: glossiness" with the states "absent (Maine Rock, Supermarket), present (Haros)"
- 8 to have the asterisk deleted
- 9 to have the word "serration" replaced by "dentation"
- 14 to have the state "gynoecious" deleted
- 20 to have the state "fusiforme" replaced by "elongated" and to be preceded by an additional characteristic reading: "Fruit: position of maximum width" with the states "distal part (1), center (2), basal part (3)"
- 21 to be deleted
- 24 to 27 to have the word "pedicel" replaced by "peduncle"
- 35 to have the word "rugosity" replaced by "creasing"
- 37 to read: "Fruit: thickness of cork layer" with the states "very thin, thin, medium, thick, very thick"
- 38 to have the additional state "in small patches (3)"

- 39 to have the word "lax" replaced by "sparse"
- 40 to 43 to be placed after characteristic 23
- 40 to have the word "stippling" replaced by "secondary colors"
- 41 to read: "Fruit: distribution of secondary colors of skin" with the
states "in dots, in patches, in dots and in patches"
- 42 to read: "Fruit: density of patches"
- 43 to be placed before characteristic 42 and to read: "Fruit: density
of dots"
- 44 to receive the addition "if different to ground color" and to have
the example variety "Ogen" deleted
- 46 to receive drawings for explanation and to have the word "exterior"
replaced by "outer;" before this characteristic, a new character-
istic to be inserted reading: "Fruit: maximum width of flesh in
cross section" with the states "thin, medium, thick"
- 47 to be deleted
- 49 to have the asterisk deleted and to read: "Fruit: color of flesh of
outer layer"
- 50 to be deleted
- 51 to be placed after characteristic 16 and to read: "Fruit: number of
locules (before maturity)" with the states "three, more than three"
- 53 to have the additional states "very small, very large"
- 54 to read: "Seed: shape at hilum end"
- 56 to have the states "white, cream-yellow;" after this characteris-
tic, a new characteristic to be inserted for studying reading:
"Seed: intensity of cream-yellow color" with the states "light,
medium, dark"
- 61, 62 to receive the indication of the method
- 62 to have the additional example variety "Jador (9)"
- 64 to read: "Resistance to Water Melon Mosaic Virus No. 2 (WMV2)"

(b) In the stages of maturity of fruits, the word "stalk" to be replaced by "peduncle," full development to be supplemented to read "full development of fruit" and the word "tendrils" to be replaced by "vrilles."

Test Guidelines for Vegetable Marrow, Pumpkin

22. The Working Party noted document TWV/XVIII/2, containing a working paper on Test Guidelines for Vegetable Marrow, Pumpkin as well as a letter with comments from France on the document distributed during the session. It

finally agreed to rediscuss the document during its coming session after the following main changes had been made in that document:

(a) In the Technical Notes, paragraph 3 should be deleted and in paragraph 11, the last sentence should read: "All observations on the final length and the final diameter should be made on mature fruits." The Technical Notes should be supplemented by a paragraph reading: "All leaf characteristics should be made on fully developed leaves when the fruit start developing and should exclude the lower leaves."

(b) Changes made in the Table of Characteristics:

Characteristics

- | | |
|----------------------------|--|
| 1 | to have the example variety "Vilmorin" deleted |
| 3 | to have the word "secondary" deleted; after this characteristic, a new characteristic to be inserted reading: "Plant: degree of branching" with the states "weak, medium, strong" |
| 4 | to read: "Bush varieties only: Plant: attitude of petiole (excluding lower leaves)" |
| 5 | to have an example variety for the state "light and dark;" otherwise that state should be deleted |
| 6 | to have an example variety for the state "absent;" otherwise the characteristic should be deleted |
| 8, 9 | to be combined and read: "Leaf blade: incisions" with the states "absent or very weak, weak, medium, strong, very strong" and to receive drawings and example varieties |
| 10 | to read: "Leaf blade: intensity of green color of upper side" |
| 12 | to read: "Leaf blade: area covered by silver spots;" after this characteristic, a new characteristic to be inserted reading: "Petiole: intensity of green color" with the states "light, medium, dark" |
| 14 | to receive example varieties |
| 19 | to receive the additional state "green and yellow" if example varieties could be indicated |
| 29 to 60 | to have the word "fruit" replaced by "young fruit" |
| 61 to 70 | to have the word "fruit" replaced by "mature fruit" |
| 29, 30, 31, 39, 40, 47, 52 | to have the words "5 days after flowering" deleted as they are covered by the word "young fruit" |
| 31 | to have the asterisk deleted |
| 32 | to receive 8 states with drawings and words and example varieties to be supplied by the experts from the United Kingdom |
| 34 | to have the last state read: "near one of the ends of the fruit" |

- 35 to be deleted
- 39, 40 to be maintained for the present, but to have another system included in the Table of Characteristic for comparison purposes, in which the colors are described in such a way that the paler color was always the primary color; this system would be described by the experts from France, Israel and the United Kingdom; that second system would be supplemented by another system indicating the different colors in the order of their paleness and indicating for each color the type of its distribution
- 41 to be split into two characteristics, the first reading: "Fruit: lobing" with the states "absent, present" and the second to read: "Fruit: shape of cross section (excluding lobed varieties)" with the states "round, ribbed, angular" with the additional example variety "Diamond" for the state "angular;" the experts from France to prepare drawings for explanation of that characteristic
- 43 to receive example varieties for the state "absent;" otherwise the characteristic to be deleted
- 45 to receive example varieties for the state "present;" otherwise the characteristic to be deleted
- 46 to read: "Fruit: color of ribs compared to color of rest of fruit" with the states "same color, different color"
- 47 to have the word "stripes" replaced by "linear bands"
- 48 to receive example varieties; otherwise the characteristic to be deleted
- 49 to 51 to be replaced by one characteristic reading: "Fruit: type of mottling" with the states "only diffuse; only in patches; only in linear bands; diffuse and in patches; diffuse and in linear bands; patches and linear bands; diffuse, in patches and in linear bands"
- 59 to receive example varieties
- 60, 61, 66, 67 to be split into two characteristics each, one for the mature fruit and another for the physiologically ripe fruit
- 61, 62 to have the word "final" deleted
- 66 to have the word "stripes" replaced by "linear bands"
- 68 to read: "Seed: size"
- 69 to read: "Seed: shape"
- 70 to read: "Seed: color"

(c) The experts from France agreed to try to prepare a growth stage code for vegetable marrow, pumpkin for inclusion in the Test Guidelines document.

- 24 to receive an asterisk and to have the example varieties "Reine d'Hiver" and "Louviers, D'hiver du Var" deleted and the following additional example varieties "De Louviers (1), Lisuna, Pink Star (2), De Meaux, De Namur (3), Alaska, Walonne (4)"
- 25 to read: "Time of harvest maturity" with example varieties still to be indicated
- 26 to receive an asterisk and the additional example varieties "Blonde à coeur plein, De Ruffec (7)," to have the example variety "Crosse bouclée" deleted and the example varieties "De Meaux, De Namur" corrected

(c) In the Technical Questionnaire, under paragraph 5, the following characteristics would be included:

- 3, 4, 10, 11, 24, 26 as well as the characteristic included before characteristic 1

Test Guidelines for Leaf Beet

24. The Working Party based its discussion on the establishing of the draft Test Guidelines for Leaf Beet on documents TWV/XVIII/6 and TWV/XVIII/10 and made the following main changes in document TWV/XVIII/6:

- (a) The English term for the species to be "Leaf Beet" and not "Mangel."
- (b) Changes made in the Technical Notes:

Technical Notes

- 3 to be deleted
- 4 to have the figure "200 plants" replaced by "100 plants"
- 5 to have an additional grouping characteristic included before the two indicated namely: "Leaf blade: color (characteristic 6)"

- (c) Changes made in the Table of Characteristics:

Characteristic

- 1 to receive an example variety for the state "monogerm;" after this characteristic, two additional characteristics to be included, the first reading: "Seedling: anthocyanin coloration" with the states "absent (Blonde à carde blanche), present" and the second reading: "Seedling: intensity of anthocyanin coloration" with the states "weak (Verde penca blanca ancha), medium (Amarilla de Lyon), strong (Rhubarb Chard)"
- 2 to receive the additional example varieties "Verde penca blanca ancha (3)" and "Paros (7)"
- 3 to read: "Foliage: attitude" with the states "erect (3), semi-erect (5), prostrate (7)" with an example variety to be indicated for state 5

- 4 to receive the additional example varieties "Amarilla de Lyon (3), Verde de Nizza (5), Paros (7)"
- 6 to read: "Leaf blade: intensity of green color" with the states "very light, light, medium, dark, very dark" and with the example varieties as indicated in document TWV/XVIII/10
- 7 to receive example varieties
- 10 to receive the additional example variety "Paros (5)"
- 12 to receive example varieties
- 13 to read: "Leaf: length of petiole compared to length of leaf blade" with the states "much shorter (1), shorter (3), same (5), longer (7), much longer (9)"
- 14 after this characteristic, a new characteristic to be inserted reading: "Petiole: shape of adaxial side in cross section" with the states "straight (1), slightly curved (2), strongly curved (3)" and with drawings to be prepared by the experts from France
- 16 to receive the example varieties as indicated on page 4 of document TWV/XVIII/10

(d) In the Technical Questionnaire, under paragraph 5, characteristic 6 ("Leaf blade: intensity of green color") would also be included.

Draft Test Guidelines for Chinese Cabbage

25. The Working Party noted document TWV/XVIII/12 and made the following main changes in that document:

- (a) The document would apply to "Chinese Cabbage/Choux chinois/China-kohl (Brassica pekinensis L.)"
- (b) Changes made in the Technical Notes:

Technical Note

- 1 to have a quantity of seed of 20 g recommended; before this paragraph, a new paragraph to be included indicating the species to which this document would apply as well as mentioning the group to which it would not apply
- 3 to have the words "80 plants" replaced by "40 plants"
- 8 to have the word "immediately" deleted

- (c) Changes made in the Table of Characteristics:

Characteristics

- 1, 5, 7, 12, 20, 22, 28 to already receive an asterisk; the other characteristics to be checked as to whether some of them should also receive an asterisk

- 4 to receive drawings and to have the third state read: "broad obovate to broad elliptic"
- 9 to have the first and last state deleted
- 12, 13, 14, 15 to have the additional state "very strong"
- 13, 14 to have the words "upper part" replaced by "distal part"
- 15 to have the word "incisions" replaced by "serration"
- 16 to read: "Outer leaf: midrib in cross section" with the states "flat, concave"
- 18 to read: "Head: height"
- 20 to have the states "narrow elliptic, elliptic, broad elliptic, circular, ovate, broad ovate"
- 21 to read: "Head: formation" with the states "open (1), half open (2), closed (3)"
- 22 to have the states "yellow, yellow green, green"
- 24 to have the additional state "very strong"
- 25 to have the states "very weak, weak, medium, strong, very strong"
- 26, 27 to have the word "interior" replaced by "internal" and to have the states of characteristic 26 checked
- 30, 31 to be deleted

(d) In the Technical Questionnaire, under paragraph 5, instead of the characteristic on the "Days from seed to harvest maturity," characteristic 28 should be included.

Status of Test Guidelines

26. The Working Party agreed that the draft Test Guidelines for Turnip and Turnip Rape (revision) and for Melon should be sent to the professional organizations for comments.

27. The Working Party agreed that the draft Test Guidelines for Vegetable Marrow, Pumpkin, for Endive, for Leaf Beet and for Chinese Cabbage would require further discussions during the coming session.

28. Lack of time did not permit the working papers on Test Guidelines for Tomato (revision), for Asparagus and for Egg Plant to be discussed.

Future Program, Date and Place of Next Session

29. At the invitation of the expert from Italy, the Working Party agreed to hold its nineteenth session at Pontecagnano-Salerno, Italy, from May 27 to 29, 1986, with Subgroup meetings at the same place on Vegetable Marrow, on Egg Plant and on Water Melon in the afternoon of May 26, 1986.

30. Another Subgroup on Peas will meet in Edinburgh, United Kingdom, on July 15 and 16, 1986. Persons wishing to attend the Subgroup meeting on Peas should address themselves to Mr. F.N. Green, Department of Agriculture and Fisheries for Scotland, Agricultural Scientific Services, East Craigs, Craigs Road, Edinburgh EH12 8NJ (United Kingdom). The purpose of this Subgroup is to discuss the characteristics and their states in preparation for the revision of Test Guidelines for Peas. Any country interested in participating in the revision of Test Guidelines for Peas is requested to send to Mr. Green a list of characteristics used in the testing of distinctness, homogeneity and stability.

31. It is planned that the following items be discussed during the nineteenth session of the Working Party:

- (i) Short Reports on Special Problems or Difficulties Encountered
- (ii) Report on the Twenty-first Session of the Technical Committee and Matters Resulting from that Session
- (iii) Comparison of Pea Variety Descriptions
- (iv) List of Reference Books and Documents
- (v) Items for the Technical Working Party on Automation and Computer Programs (FR to prepare a working paper)
- (vi) Standard Test Guidelines
- (vii) Final Discussion on Draft Test Guidelines:
 - Turnip (revision) (TG/37/4(proj.) & comments from the professional organizations)
 - Melon (TG/104/1(proj.) & comments from the professional organizations)
- (viii) Discussion on Working Papers on Test Guidelines for:
 - Vegetable Marrow, Pumpkin
 - Endive
 - Leaf Beet
 - Chinese Cabbage
 - Asparagus (TWV/XVII/6, TWV/XVII/15 & NL to collect comments)
 - Egg plant (TWV/XVIII/4 + 10)
 - Water Melon (IL to prepare a working paper)
 - Tomato (revision) (TG/44/3 & NL to prepare a new working paper)
 - Fennel (FR to prepare a working paper)
 - Parsley (DE to prepare a working paper)
 - Runner Bean (revision) (TG/9/1 & UK to prepare a working paper)
 - Carrot (revision) (TG/49/3 & FR to prepare a working paper)
 - Spinach (revision) (TG/55/3 & FR to prepare a working paper)
 - Brussels Sprouts (revision) (TG/54/3 & UK to prepare a working paper)
 - Black Salsify (DE to prepare a working paper)

32. For its twentieth session, the Working Party already planned to discuss new drafts or revised drafts of Test Guidelines for the following species:

- Cauliflower (revision; NL to prepare a working paper)
- Cucumber, Gherkin (revision; FR to prepare a working paper)
- Cabbage (revision; DE to prepare a working paper)
- Dill (SE to prepare a working paper)
- Chives (SE to prepare a working paper)
- Broccoli (IT to prepare a working paper)
- Mushroom (NL to prepare a working paper)
- Oenothera (UK to prepare a working paper).

Any Other Business

Procedure for the Revision or Establishing of New Test Guidelines

33. The Working Party, having obtained positive experience with photos and shadowgraphs brought to the meeting to explain certain characteristics or states of expressions recommended to its members that the expert preparing a working paper for new or revised Test Guidelines should bring to the meeting photos, shadowgraphs or other material which could explain certain characteristics or states of expression to facilitate understanding during the meeting. The Working Party agreed that, for future meetings, documents should be presented and circulated as early as possible and any documents which had not been distributed at least three weeks before the session should not form part of the discussions during that session.

34. The Working Party furthermore agreed to ask the Office of UPOV to prepare an action sheet indicating all the dates agreed upon for the preparation of documents for the coming session in order to help the experts not to forget a certain task taken on during the session.

List of Varieties Under Test

35. The Working Party proposed to the Technical Committee that it recommend to the member States that more of them should distribute the lists of varieties under test and that the distribution should be made as early as possible.

Hilum Color in Broad Beans and Field Beans

36. The Working Party reaffirmed once more the importance it attached to the fact that the hilum color in broad beans and field beans should be homogeneous and that the Test Guidelines should be amended and an asterisk given to that characteristic.

Visits

37. On July 11, the Working Party visited the Vegetables Distinctness, Homogeneity and Stability Test Plots at the National Institute for Agricultural Botany (NIAB) in Cambridge. During the same day, the Working Party also visited the Test Fields of Elsoms Seeds Ltd. at Spalding, Lincolnshire.

TWV/XVIII/14
page 17

38. This report was adopted by the
Working Party at its nineteenth session
on May 27, 1986.

[Annex follows]

ANNEX

LIST OF PARTICIPANTS IN THE EIGHTEENTH SESSION OF THE
TECHNICAL WORKING PARTY FOR VEGETABLES,
CAMBRIDGE, UNITED KINGDOM, JULY 9 TO 12, 1985

I. MEMBER STATESFRANCE

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TWV/XVIII/14
Annex, page 2

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[End of Annex and of document]