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INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS

Geneva

TECHNICAL WORKING PARTY FOR VEGETABLES**Forty-Sixth Session****near the city of Venlo, Netherlands, June 11 to 15, 2012**

EXPERIENCES WITH NEW TYPES AND SPECIES

Document prepared by the experts from Romania

1. The Technical Committee (TC), at its forty-seventh session, held in Geneva from April 4 to 6, 2011, agreed to request the Office of the Union to invite experts to submit written reports to the Office of the Union in advance of the Technical Working Party (TWP) sessions in order that a document containing those reports could be prepared by the Office of the Union. The TC noted that TWP experts would be invited to make a brief oral summary of their written report at the session and would also be encouraged to make reports under the agenda item "Experiences with new types and species", as appropriate (see document TC/47/2 "Report", paragraph 114).
2. The Annex to this document contains information concerning experiences with new species in Romania.

[Annex follows]

ANNEX

EXPERIENCES WITH NEW SPECIES IN ROMANIA

1. In Romania, there are species for which there are no UPOV Test Guidelines, as follows:
 - *Satureja hortensis* L.
 - *Thymus serpyllum* L.
 - *Atriplex hortensis* L.
 - *Levisticum officinale* W. Dj. Koch
 - *Vigna radiata* (*Phaseolus aureus* var. *chinensis*)
 - *Rumex patientia* L.
2. The number of varieties within these species is small.
3. The first concern was to know to which botanical family these species belong and then to find out if the variety is cross-pollinated or self-pollinated in order to look in the Table of Characteristics of a species of the same botanical family which has Test Guidelines.
4. Secondly, it is important to know the method of propagation for the species, because this is related to the amount of seed or planting material required, and its quality. The method of examination is also related to the method of propagation (test duration, number of cycles, location).
5. For the grouping varieties of the species, more stable characteristics were used. The Table of Characteristics aimed to include all morphological organs, in the order used in the Test Guidelines. To determine the expression of a characteristic, it was necessary to have documentation on some descriptions referring to some local populations which were subject to conservative selection. On the other hand, the study of lines (varieties) by observation, to encompass all aspects of morphology and physiological characteristics, was important. In granting the notes, the scale expression 3, 5, 7 was used; the variability of certain features was closer but as we have other varieties and there is greater variability, the characteristic expressions will be revised. The types of expression QL, QN, PQ were determined, and how to register them.
6. We set features with an asterisk (*) depending on our knowledge and study that demonstrate that they are stable and important for that species, given growing conditions.
7. There are also explanations on observation mode (place and right time), and designs to fit the correct expression of characteristics.

[End of Annex and of document]