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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

LY/T 2288-2025

Replacing LY/T 2288-2014

Guidelines for the conduct of tests for distinctness, uniformity andstability of Euonymus (Euonymus L.)

卫矛属植物新品种特异性、一致性和 稳定性测试指南

(English Translation)

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents".

Drafting.

This document supersedes LY/T 2288-2014 "Guidelines for Testing Variety Distinctiveness, Uniformity and Stability of Plants, Euonymus". (The document is consistent with LY/T..) Compared to 2014, aside from structural adjustments and editorial changes, the main technical changes are as follows.

1) The wording of "scope" has been changed (see Chapter 1, Chapter 1 of the 2014 edition).

2) The scope of "Terms and Definitions" has been expanded (see Chapter 3);

3) Added "Abbreviations" (see Chapter 4);

4) The requirements for relevant traits, tree age, and the description of propagation methods in the submitted test materials have been changed (see Chapter 5, 2014 edition).

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5) The requirements for "Test Location" have been changed (see 6.2, 4.2.2 of the 2014 version), and the requirements for "Test Conditions" have been changed (see 6.3, 2014 version).

4.2.3) and the requirements for "Test Design" (see 6.4, 4.2.4 in the 2014 edition).

6) The positions of "Test methods for similar traits" (see Appendix B.1, 4.2.5 of the 2014 edition) and "Test methods for individual traits" have been changed.

(See Appendix B.2, 4.2.6 of the 2014 edition);

7) The location and wording of the "Additional Tests" section have been changed (see 6.6, 4.2.7 of the 2014 version).

8) The term "specificity, consistency, and stability evaluation" has been changed to "specificity, consistency, and stability determination" (see Chapter 7, 2014 edition).

Chapter 5);

9) Added "General Principles" for "Specificity, Consistency and Stability Judgment" (see 7.1);

10) Changed "Specificity" to "Specificity Determination" and modified the specific content of "Constant Difference" and "Significant Difference" (see 7.2).

(5.1 of the 2014 edition).

11) The term "consistency" has been changed to "consistency determination", and the specific details have been modified (see 7.3, 5.2 in the 2014 version).

12) Changed "stability" to "stability determination" and changed the specific content (see 7.4, 5.3 in the 2014 version).

13) The specific content of the "Variety Grouping Explanation" has been changed (see 8.1, 6.1 in the 2014 version).

14) The "Plant Growth Habits. Deciduous, Semi-evergreen, Evergreen (Appendix A, Table A.1, Trait Characteristic No. 1)" under "Grouping Traits" has been changed (see...).

The.2014 version of 6.2.1) is "Plant. Growth type (Table A.1 trait number 1)" (see 8.2.1);

15) The "Plant type. upright, semi-erect, creeping (Appendix A, Table A.1, trait number 2)" in the "Grouping traits" section has been changed (see 2014 edition).

Section 6.2.2) is "Plant. Main branch posture (Table A.1 trait number 2)" (see 8.2.2);

16) The section "Leaf texture. papery, leathery (Table A.1 trait number 11) (see 6.2.3 of the 2014 edition)" under "Grouping traits" has been deleted.

And "whether the fruit has wings (Table A.1 phenotypic characteristic number 28)" (see 6.2.4 of the 2014 edition);

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17) The "Leaf. Multicolor (Table A.1 Trait No. 19)" category of "Grouping Traits" has been added (see 8.2.3);

18) The "Leaf. Main color of upper surface (Table A.1 trait number 20)" category of "Grouping traits" has been added (see 8.2.4);

19) Added a "Typology Table" which includes "Typology Type," "Expression Type," "Typology Expression Status and Code," "Standard Variety," and "Observation Method." for details (see Chapter 9), the "Explanation of phenotypic characteristics and related symbols" (see Chapter 7 of the 2014 edition) has been deleted.

20) The traits "Branches. Aerial roots" (trait number 4) and "Branches. Hairy current year branches" (trait number 4) in Table A.1 of Appendix A have been deleted.

6) "Winter bud. length" (trait number 9), "Leaf. attachment method" (trait number 10), "Leaf. entire" (trait number 16) "Leaf. Hairy" (trait number 17), "Leaf. White powder" (trait number 18), "Leaf. Edge color" (trait number 20), "Leaf "Petals. color in the middle" (trait number 21), "Petals. length" (trait number 22), "Inflorescence. number of florets" (trait number 23) "Petals. Quantity" (Typology No. 25), "Fruit. Hairy" (Typology No. 26), "Fruit. Spines" (Typology No. 30), "Fruit.

Cracking (characteristic number 31) (see Table A.1 in Appendix A of the 2014 edition);

21) The trait "Plant. Growth Habit" in Table A.1 of Appendix A has been changed to "Plant. Growth Type", and the type and expression status have been adjusted.

(See trait number 1, trait number 1 in Table A.1 of Appendix A in the 2014 edition).

22) The trait "Plant. Plant Type" in Table A.1 of Appendix A has been changed to "Plant. Main Branch Posture (only for upright varieties)", and the expression has been adjusted.

Status (see trait number 2, trait number 2 in Table A.1 of Appendix A, 2014 edition);

23) The trait "Plant. Plant Height" in Table A.1 of Appendix A has been changed to "Plant. Plant Height (only for upright varieties)", and the expression status has been adjusted.

(See trait number 3, trait number 3 in Table A.1 of Appendix A in the 2014 edition);

24) The trait "Plant. Branch Density (for upright varieties only)" in Table A.1 of Appendix A has been added (see trait number 4);

25) The trait "Branch. Wing" in Table A.1 of Appendix A has been changed to "One-year-old branch. Cork Wing", and the type and expression status have been adjusted (see trait).

Serial number 5, in Appendix A, Table A.1 of the 2014 edition (characteristic number 5).

26) The trait "One-year-old branches. color" and its expression status in Table A.1 of Appendix A have been added (see trait number 6);

27) The trait "Branch. Color of Current Year Branches" in Table A.1 of Appendix A has been

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changed to "Current Year Branches. Color", and the expression status has been adjusted (see Appendix A).

(Typical number 7, typical number 8 in Table A.1 of Appendix A, 2014 edition).

28) The trait "Branch. Cross-sectional shape of current year's branch" in Table A.1 of Appendix A has been changed to "Current year's branch. Cross-sectional shape", and the categories have been adjusted.

Type and expression status (see trait number 8, trait number 7 in Table A.1 of Appendix A in the 2014 edition);

29) The description of the trait "Leaf. Shape" and its expression status in Table A.1 of Appendix A have been revised (see trait number 9, Appendix A, 2014 edition).

A.1 Neutral trait number 12);

30) The description of the trait "Leaf. Leaf Tip Shape" in Table A.1 of Appendix A has been revised (see trait number 10, Appendix A of the 2014 edition).

Table A.1 (Typical number 15)

31) The trait "Leaf. Leaf Base Shape" and its expression status in Table A.1 of Appendix A have been added (see trait number 11);

32) The description of the trait "Leaf. Length" and its expression status in Table A.1 of Appendix A have been revised (see trait number 12, Appendix A, 2014 edition).

A.1 Neutral trait number 13).

33) The description of the trait "Leaf. Width" and its expression status in Table A.1 of Appendix A have been revised (see trait number 13, Appendix A, 2014 edition).

A.1 Neutral trait number 14).

34) The description of the trait "Leaf. Texture" and its expression status in Table A.1 of Appendix A have been revised (see trait number 14, Appendix A, 2014 edition).

A.1 Neutral trait number 11).

35) The trait "Leaf. Serrated leaf margin" and its expression status have been added to Table A.1 in Appendix A (see trait number 15);

36) The trait "Leaf. inwardly curved tooth tips" and its expression status have been added to Table A.1 of Appendix A (see trait number 16);

37) The trait "Leaf. wavy leaf margin" and its expression status have been added to Table A.1 in Appendix A (see trait number 17);

38) The trait "Leaf. Leaf Surface Posture" and its expression status in Table A.1 of Appendix A have been added (see trait number 18);

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