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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

LY/T 1849-2024

Replacing LY/T 1849-2009

Guidelines for the conduct of tests for distinctness, uniformity and stability - Lilac(Syringa L.)

植物新品种特异性、一致性、稳定性测试指南 丁香属

(English Translation)

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

This document replaces LY/T 1849-2009, "Guidelines for Testing Plant Variety Specificity, Uniformity and Stability" and LY/T 1849-Compared with 2009, in addition to structural adjustments and editorial modifications, the main technical changes are as follows.

---Changed "Number of submitted materials", "Age of materials", "Test cycle", "Test location", "Number of observations", "Test design", and "Test method" "Consistency criteria", "Grouping traits", "Testing methods for similar traits", "Technical questionnaire", "Plant. plant shape", "New shoots. color" "Leaf. Leaf type" "Leaf. Leaf shape" "Leaf. Leaf base" "Leaf. Uniform color" "Leaf. Primary inset color" "Leaf. Secondary inset color" "Flower. Flowering period" "Flower.

Flower density" "Flower. bud color" "Flower. inflorescence type" "Flower. inflorescence length" "Flower. inflorescence shape" "Flower. floret density" "Flower. petal "Flower. small flower size" "Flower. uniform color flower color" "Flower. intermediate color flower primary

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color" "Flower. intermediate color flower secondary color" "Corolla lobes. posture" "Flower corolla lobes. perimeter" "corolla lobes. shape" "corolla lobes. spoon-like" "corolla lobes. beaked" "corolla lobes. throat coloration" Same as petal color", "Flower. anther yellow", "First flowering period", as well as 41 items or characteristics, including required traits, diagrams, standard varieties and grades.

See Table A.1, Appendix A of the 2009 edition;

--- Added "One-year branch. posture", "Leaf. leaf margin", "Leaf. size", "Leaf. tip", "Leaf. leaf surface", "Leaf. main color in the late stage of leaf expansion", "Leaf. mature "Position of secondary color of mature leaves" "Leaf. Type of secondary color of mature leaves" "Leaf. Primary color before leaf fall" "Inflorescence. Attachment mode" "Flower. Type of corolla tube" "Flower. Corolla tube length" "Flower. Throat color" "Corolla lobes. Secondary color position" "Corolla lobes. Secondary color type" "Corolla lobes. Curvature Type", "Corolla lobe. length", "Corolla lobe. tip" and "Flowering period. type", a total of 20 traits (see Table A.1);

--- Deleted "Terms. corolla lobes and throat", "Test methods for individual characteristics", "Life form", "Plant. plant height", "Single leaf. leaf lobing degree" "Degree" "Lobe. Number of lobes" "Pinnate leaf. Leaflet shape" "Leaf. Coloration type" "Leaf. Leaf hairs" "Leaf. Leaf hair density" "Leaf. Leaf back hairy" "Leaf. Leaf back hair density" "Flower. Number of flowering periods" "Flower. Bud size" "Flower. Bud shape" "Flower. Inflorescence axis and the total 18 items or traits, "angle of total inflorescence axis", "flower. coloration type" and "flower. throat-petal color" are shown in Table A.1.

1 Scope

This document specifies the technical requirements for specificity, consistency and stability testing of new varieties of Syringa L. plants.

This document applies to the specificity, consistency and stability testing of new varieties of genus Syringa.

2 Normative references

The contents of the following documents constitute essential clauses of this document through normative references in this document.

For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to this document.

GB/T 19557.1 General Guidelines for Testing Specificity, Uniformity and Stability of New Plant Varieties

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3 Terms and definitions

The terms and definitions defined in GB/T 19557.1 and the following apply to this document.

4 Symbols and abbreviations

The following abbreviations apply to this document.

TG. Test Guideline

5 Test Materials

5.1
The applicant shall submit test materials that meet the quantity and quality requirements at the specified time and place.

Materials should comply with customs, plant quarantine and other requirements.

5.2
The test materials submitted should be at least 2-year-old plants of asexual reproduction and of uniform age. For grafted reproduction, the rootstock type and plant age should be stated.

and interface height.

5.3
The number of test materials submitted should be no less than 6.

5.4
The test materials submitted should be free of pests and diseases, appear healthy and grow normally.

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