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**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

LY/T 1850-2024

Replacing LY/T 1850-2009

**Guidelines for the conduct of tests for distinctness, uniformity
and stability - Poinsettia(*Euphorbia pulcherrima*)**

植物新品种特异性、一致性、稳定性测试指南 一品红
(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 1850-2009 "Guidelines for Specificity, Consistency and Stability Testing of New Plant Varieties" and Compared with LY/T 1850-2009, in addition to structural adjustments and editorial changes, the main technical changes are as follows.

- Deleted the two terms and definitions of "main color of bracts" and "marbled bracts" (see 3.2 and 3.4 of the 2009 edition);
- Added symbols and abbreviations (see Chapter 4);
- Changed the number and type of test materials (see 5.2, 5.3, 4.1.2, 4.1.3 of the 2009 edition);
- The test conditions have been changed (see 6.3, 4.2.3 of the 2009 edition);
- Changed the variety grouping (see 8.1, 8.2, 6.1, 6.2 of the 2009 edition);

- Added trait expression status and code, observation method, observation period, technical questionnaire (see 9.4, 9.6, 9.7, Chapter 10);
- Added three traits. "stem. number of upper branches", "leaves. wrinkled surface" and "cup-shaped flowers. number of glands" (see Appendix A);
- Deleted two traits, "leaf leaf. hairy on leaf surface" and "leaf leaf. hairy on leaf back" (see Appendix A of the 2009 edition);
- Changed the standard varieties of expression status responses and replaced them with easy-to-find varieties (see Appendix A, Appendix A of the 2009 edition);
- Changed the explanation of the property table, changed the line diagram to a color diagram, and increased the number of diagrams from 9 to 20 (see Appendix B, A.2 of the 2009 edition);
- Changed the technical questionnaire (see Appendix C, Appendix B of the 2009 edition).

1 Scope

Testing technical requirements.

This document applies to the testing of specificity, consistency and stability of all varieties of Poinsettia.

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

3 Terms and definitions

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

bract

All leaves attached to the axis of the inflorescence.

transitionalleaf

Leaves grown at the bottom of the bracts that change color along with the bracts.

Cyathium

The inflorescence consists of a female flower in the middle and multiple male flowers around it, growing in a cup-shaped involucre.

Cyathia

The single small flower of poinsettia looks like a flower, but it is actually a cup-shaped cyme.

4 Symbols and abbreviations

The following abbreviations apply to this document.