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

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**Guidelines for the conduct of tests for distinctness, uniformity
and stability(DUS) - Bougainvillea (Bougainvillea Comm. ex
Juss)**

植物新品种特异性、一致性、稳定性测试指南 叶子花属
(English Translation)

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009 and GB/T.19957.1-2004.

Please note that certain contents of this standard may involve patents, and the issuing organization of this standard does not bear the responsibility for identifying these patents.

Appendix A of this standard is a normative appendix, and Appendix B is a normative

appendix.

This standard was proposed and managed by the State Forestry and Grassland Administration.

Drafting organizations of this standard. Institute of Forestry, Chinese Academy of Forestry, Institute of Tropical Horticulture, Hainan Academy of Agricultural Sciences.

1 Scope

This standard specifies the specificity, consistency and stability testing techniques for new varieties of Bougainvillea (Bougainvillea Comm. ex juss) plants.

Technical requirements.

This standard is applicable to the testing of all new varieties of Bougainvillea.

2 Normative references

The following documents are indispensable for the application of this document. For dated reference documents, only the dated version applies to this article Pieces. For undated references, the latest version (including all amendments) applies to this document.

GB/T 19557.1 General Principles for Testing the Specificity, Consistency and Stability of New Plant Varieties

3 Terms and definitions

The terms and definitions defined in GB/T 19557.1 apply to this standard.

4.1 Test materials

4.1.1

The variety right applicant shall submit the plant materials of the tested variety that meet the quantity and quality requirements at the specified time and place. From non-testing country for materials submitted by regions or regions, the applicant shall provide relevant documents such as customs and plant quarantine in accordance with relevant regulations on entry, exit and transportation.

4.1.2

The test materials submitted should be plants that have been propagated by cutting or grafting for at least 1 year. If grafting seedlings, please specify the grafting rootstock.

4.1.3

The number of test materials shall not be less than 12 scions or 12 seedlings.

4.1.4

The test material should be a healthy plant without pests and diseases.

4.1.5

Except for the processing of materials permitted or required by the approval agency, the submitted plant materials should not be subjected to any additional treatment that affects the expression of traits.

deal with. If it has been processed, details of the processing should be provided.

4.2.1 Test cycle

If the test conditions are met, at least one growth cycle should be tested.

4.2.2 Test location

The test should be carried out in the test base or laboratory designated by the approval agency.

4.2.3 Test conditions

The test should be carried out under the condition that the relevant traits of the variety to be tested can be fully expressed. The selected test materials should at least be planted at the test site More than 1 year.

4.2.4 Test design

4.2.4.1

The test variety materials should be planted in the test area with 10 plants, and the standard varieties and similar varieties should be planted in the same location and environmental conditions.

4.2.4.2

If certain parts of the plant need to be extracted as samples for the test, the sample collection shall not affect the observation of the entire growth cycle of the test plant.

4.2.4.3

Unless otherwise stated, all observations should be made on 10 plants or materials taken from the same part of 10 plants.

4.2.5.1 Plants (Character No. 1 in Appendix A Table A.1)

Before germination in spring, unpruned test plants were selected as test materials for plant traits.

4.2.5.2 Annual branches (character number 3~6 in Appendix A Table A.1)

Before sprouting in spring, select the middle section of the annual shoots on the sunny side of the test plant (one shoot for each plant) as the annual shoots.

Test materials for similar traits.

4.2.5.3 Leaf (Character number 7~10, 12~19 in Table A.1 of Appendix A)

In summer, select the middle 1/3 of the annual branch on the sunny side of the test plant and the fully expanded mature leaves (one leaf for each plant Sheet) as observational materials for various traits of leaves.

4.2.5.4 Inflorescence (character number 21~24 in Appendix A, Table A.1)

In the blooming period, select the inflorescences on the sun-facing side of the middle of the test plants (one inflorescence per plant) as the test material.

4.2.5.5 Bracts (the serial numbers of traits in Table A.1 in Appendix A are 25-30, 34-41)

In the full bloom period, select the middle bracts of the inflorescence (one bract for each plant) on the sun-facing side of the test plant as the test material.

4.2.6.1 Young shoots (character number 2 in Appendix A Table A.1)

In the spring, select the middle of the young shoots when the germinating length of the young shoots on the sun-facing side of the test plant is less than 20cm as the test material, and each plant Pick a young branch.

4.2.6.2 Young leaf color (character number 11 in Table A.1 in Appendix A)

In the spring, the newly sprouting young leaves in the middle of the branches on the sunny side of the test plants are selected as the test materials, and one young leaf is selected from each plant. Correct for multicolor varieties, only the dominant color of young leaves is observed.

4.2.6.3 Inflorescence placement position (character number 20 in Table A.1 in Appendix A)

In the blooming period, select annual shoots (one shoot for each plant) on the sun-facing side of the test plant as the test material.