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

LY/T 3210-2020

**Guidelines for the conduct of tests for distinctness, uniformity
and stability(DUS) - Chinese Dwarf Cherry(*Prunus humilis* Bge.
)**

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

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Table of Contents

Preface	
1 Scope	
2 Normative references	
3 Terms, definitions and abbreviations	
3.1 Terms and definitions	
3.2 Abbreviations	
4 DUS test technical requirements	
4.1 Test material	
4.2 Test method	
5 Evaluation of specificity, consistency and stability	
5.1 Specificity	
5.2 Consistency	
5.3 Stability	
6 Variety group	
6.1 Description of Variety Group	
6.2 Group traits	
7 Description of traits and related symbols	
7.1 Trait type	
7.2 Character expression status and code	
7.3 Types of trait expression	
7.4 Standard varieties	
Appendix A (normative appendix) Variety traits	
Appendix B (Informative Appendix) Technical Questionnaire	
Reference	

Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009:

Please note that certain contents of this document may involve patents: The issuing agency of this document is not responsible for identifying these patents:

This standard was proposed by the Plant New Variety Protection Office of the State Forestry and Grassland Administration:

This standard is under the jurisdiction of the State Forestry and Grassland Administration:

This standard was drafted: Institute of Botany, Chinese Academy of Sciences, Shanxi Agricultural University, Hebei Normal University of Science and Technology, Beijing University of Chinese Medicine:

1 Scope

This standard specifies the specificity, consistency, and stability testing techniques for new varieties of *Prunushumilis* Bge:

Technical requirements:

This standard applies to the testing of all European plum varieties:

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, definitions and abbreviations

3.1

Terms and definitions the terms and definitions defined in GB/T 19557.1 apply to this document:

3.2

Abbreviations

The following abbreviations apply to this document:

QL---QualitativeCharacteristics, quality traits;

QN---QuantitativeCharacteristics, quantitative traits;

PQ---Pseudo-qualitativeCharacteristics, false quality traits;

MG---MeasurementforaGroupofPlants, a measurement for a batch of plants or plant organs;

MS---MeasurementforaNumberofSinglePlants, a single measurement of a certain number of plants or plant organs;

VG---VisualObservationforaGroupofPlants, a visual inspection of a batch of plants or plant

organs;

VS---VisualObservationforaNumberofSinglePlants, visual inspection of single plants or plant organs:

4 DUS test technical requirements

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 the country or region, 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 at least 2-year-old plants propagated by cuttings or ramets:

4.1.3

The number of test materials submitted shall not be less than 15 plants:

4.1.4

The test materials should be plants that are free from pests and diseases and grow normally:

4.1.5

The submitted test materials should not undergo any additional processing that affects the expression of traits: If it has been processed, details of the processing should be provided information: