

ICS 65.020.01

CCS B 40



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

GB/T 47308-2026

**Technical specification for the establishment of forage
germplasm nurseries**

饲草种质资源圃建设技术规范

Issued on: March 31, 2026

Implemented on: October 1, 2026

**Issued by: State Administration for Market Regulation;
Standardization Administration of the PRC**

Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms and Definitions
- 4 Site selection
- 5 Nursery Construction Content
- 5.1 Preservation nursery

Foreword

This document conforms to GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting is scheduled. Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed by the Ministry of Agriculture and Rural Affairs of the People's Republic of China. This document is under the jurisdiction of the National Technical Committee on Standardization of Animal Husbandry (SAC/TC 274). This document was drafted by: Grassland Research Institute of Chinese Academy of Agricultural Sciences, Forestry and Grassland Seedling Station of Inner Mongolia Autonomous Region, and the National Animal Husbandry Bureau. Station, Inner Mongolia Grassland Technology Innovation Center Co., Ltd. The main drafters of this document are. Wu Zinian, Li Zhiyong, Lin Kejian, Hong Jun, Li Ping, Li Yuanheng, Xia Hongyan, Yang Yanting, Liu Fang, and Tian Chunyu. Gong Wenlong, Liu Lemeng, Feng Yumei, Zhi Rong, Wang Qiang, Xu Jing, Yuan Feng, Liu Yaling. Technical Specifications for the Construction of Forage Germplasm Resource Nurseries

1 Scope

GB/T 47308-2026 is the Chinese national standard covering the living collection of forage grasses and legumes - the site and layout, the accessions and their planting and regeneration, the records kept on each and the evaluation that makes the collection useful to breeders. First edition, in force since 1 October 2026. It was issued on 31 March 2026 and takes effect on 1 October 2026, as a first edition. The document is under the responsibility of the Ministry of Agriculture and Rural Affairs. This page is published from the official record of the 2026 edition; the clause text of a standard this recent is not yet in circulation, and the figures, limits and tables it contains are those of the document itself, delivered in full with the English translation.

This document specifies the site selection, construction content, auxiliary facility construction content, personnel requirements, and establishment techniques for forage germplasm resource nurseries. Resource characteristic monitoring and record management. This document applies to the construction of forage germplasm resource nurseries.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are listed below. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

NY/T 2127 Technical Specification for Field Evaluation of Forage Germplasm Resources

NY/T 2657 Technical Specification for Propagation and Renewal of Grass Germplasm Resources

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 forage germplasm resources Plant resources that have different genetic bases and can pass on genetic information to offspring.

3.2 Forage germplasm resources nursery A facility used for the collection, preservation, identification, evaluation, propagation, renewal, and innovative utilization of forage germplasm resources.

4 Site selection

4.1 Nursery sites should be established in areas that conform to the natural ecological distribution of forage germplasm resources, are representative, and have relatively consistent site conditions.

4.2 It is advisable to choose a site that is easily accessible, far away from areas that may cause serious pollen pollution, has fewer harmful factors, and is relatively flat.

5.1 Preservation nursery

5.1.1 Scale It should meet the requirements for long-term preservation of the target number of germplasm resources, occupying an area of not less than 2 hm² and preserving no less than 500 accessions. The number of non-duplicate cataloged germplasm resources in the collection should be $\geq 70\%$ of the total number of germplasm resources already preserved, and the total number of live specimens should be no less than 300.

5.1.2 Objects Forage germplasm that is difficult to reproduce sexually, forage germplasm with short lifespans and seeds that are difficult to store for long periods, and endemic, precious, rare, and endangered forages.

chinastandards.org · PREVIEW