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# INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

# LY/T 2762-2016

## Huangjing(Polygonatum)

毛竹林下多花黄精复合经营技术规程

**(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 is required.

This document replaces LY/T 2762-2016 "Technical Specifications for the Composite Management of Polygonatum cyrtonema under Moso Bamboo Forest" and is consistent with LY/T 2762-2016.

In addition to structural adjustments and editorial changes, the main technical changes are as follows.

a) The scope has been expanded (see Chapter 1);

b) Added cultivation zoning (see 4.1);

c) Improved environmental quality (see 4.3);

d) Added technical requirements for germplasm selection and seed production (see 5.1 and 5.2);

e) Added technical requirements for tissue culture seedling cultivation (see 6.1.1) and seedling cultivation (see 6.1.2);

f) Changed the land preparation under forest (see 7.1.2, 4.2.1 of LY/T 2762-2016), added the technical requirements for mountain planting (see 7.1.1 and 7.3.2.1);

g) Pest and disease control has been changed (see Chapter 8, Chapter 5 of LY/T 2762-2016);

h) Added technical requirements for harvesting and primary processing (see Chapter 9);

i) Added archive management (see Chapter 10).



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# 1 Scope

This document specifies the following. Polygonatum sibiricum Red., Polygonatum cyrtonema Hua, Polygonatum yunnanensis P.

kingianum Coll.et Hemsl. and its variant P.kingianum var.grandifolium DMLiu Zeng's cultivation environment, germplasm and seeds, seedling breeding, planting management, pest and disease control, as well as the technology of harvesting, storage, and transportation Require.

This document applies to the standardized production of Polygonatum rhizomes, flowers, and young shoots.

# 2 Normative references

The contents of the following documents constitute the 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 3095-2012 Ambient Air Quality Standard GB 5084-2021 Agricultural irrigation water quality standard GB 5749-2022 Sanitary standard for drinking water GB 15618-2018 Soil Environmental Quality Agricultural Land Soil Pollution Risk Control Standard (Trial Implementation) GB/T 3543-1995 (all parts) Rules for the inspection of crop seeds GB/T 30643-2014 General rules for labeling of food contact materials and articles NY/T 496-2002 General principles for rational use of fertilizers

# 3 Terms and definitions

The following terms and definitions apply to this document.

Simulated natural cultivation an artificial cultivation method under a natural environment without the use of chemical fertilizers or chemical pesticides.

Polygonatum sprouts the young shoots of Polygonatum sibiricum sprout out of the soil but have not yet unfolded their leaves.

**Note:** For vegetable consumption.

## 4.1 Cultivation zoning

According to the suitability of climatic conditions, the cultivation areas of Polygonatum sibiricum are divided into optimal areas, suitable areas and relatively suitable areas. See Appendix A for details.



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