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

GB 47500-2026

**Limits of hazardous substances for the land application of
livestock and poultry manure fertilizer**

畜禽粪肥还田有害物质限量

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting. 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 and is under the jurisdiction of the Ministry of Agriculture and Rural Affairs of the People's Republic of China. Limits on harmful substances in livestock and poultry manure returned to the field

1. Scope This document specifies the limits for harmful substances in livestock and poultry manure, sampling and sample preparation requirements, and describes the test methods. This document applies to the use of livestock and poultry manure in nearby cultivated land, orchards, and artificial pastures after harmless treatment and composting.

4 Requirements

The limits for harmful substances when returning livestock and poultry manure to the field should meet the requirements of Table 1.

5 Sampling and Sample Preparation

5.1 Samples of solid manure after storage and composting shall be taken in accordance with the provisions of

7.3.2 in GB/T 25169-2022, and secondary aerobic composting shall be carried out. Samples of fermented (post-ripening) solid manure were taken according to the provisions of

7.3.3.3 in GB/T 25169-2022; samples of liquid manure were taken according to... Sampling is specified in section

6.1.1 of GB/T 27522-2023.

5.2 Solid manure samples should be prepared by drying in an oven at $(105 \pm 2)^{\circ}\text{C}$ until

constant weight; liquid manure samples should be thoroughly mixed before sampling.
Measurement.

6 Test Methods

- 6.1 Total Cadmium Determined according to the method in NY/T 1978.
- 6.2 Total Mercury Determined according to the method in NY/T 1978.
- 6.3 Total Arsenic Determined according to the method in NY/T 1978.
- 6.4 Total Lead Determined according to the method in NY/T 1978.
- 6.5 Total Chromium Determined according to the method in NY/T 1978.
- 6.6 Mortality rate of Ascaris eggs Determined according to the method in GB/T 19524.2.