

ICS 91.020
CCS P 53

CJ

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

CJ/T 340-2016

Replacing CJ/T 340-2011

**Planting soil for greening
(English Translation)**

Issued on: June 28, 2016

Implemented on: August 1, 2016

**Issued by: Ministry of Housing and Urban-Rural Development of the
People's Republic of China**

Table of Contents

Foreword
1 Scope
2 Normative references
3 Terms and definitions
4 Requirements
5 Samples sent samples and testing methods
6 Inspection rules
7 Soil improvement repair and quality maintenance
Appendix A (Normative) soil sampling sample
Appendix B (Normative) Determination of gravel content screening method
Appendix C (Normative) Seed germination index experimental method

Foreword

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

This standard replaces CJ/T 340-2011 "green planting soil." this standard revision of CJ/T 340-2011 "greening soil", the main technical changes compared with CJ/T 340-2011 are as follows.

- Increase the general requirements of soil quality (see 4.2.1);
- Increased soil fertility requirements (see 4.2.2);
- Increased soil quality infiltration requirements (see 4.2.3);
- Increasing the technical requirements of soil obstruction factor (see 4.2.4);
- Increase the determination of soil fertility rules (see 6.3.2);
- Increasing the rules for determining soil infiltration (see 6.3.3);
- Increase the judgment rules of soil obstacle factor (see 6.3.4);
- Increase the determination of other soil pollution rules (see 6.3.5.2);
- Increased soil remediation and quality maintenance (see 7, 7.1 and 7.2);
- Increased according to the distribution of plant roots soil sampling method (see Appendix A.5.3);
- Supplementary soil pollution control requirements other than the potential of heavy

metals (see 4.2.5.2);

--- Added soil testing methods (see 5.2);

--- Modify the basic requirements of effective soil thickness (see 4.1.2);

--- Modify the basic requirements of soil disinfection (see 4.1.5);

--- Modify the environmental quality of soil technical requirements (see 4.2.5);

--- Modify the soil testing methods (see 5.2);

--- Modify the soil testing agency requirements (see 6.2);

--- Modify soil judgment rules (see 6.3, 6.3.1, 6.3.5 and 6.3.5.1);

--- Modify the requirements of soil samplers and witnesses (see Appendix A.1.1);

--- Modify the soil sampling density requirements (see Appendix A.3.1).

This standard proposed by the Ministry of Housing and Urban Standard and Design Institute.

This standard by the Ministry of Housing and Urban Landscape Architecture Standardization Technical Committee.

This standard was drafted. Shanghai Academy of Landscape Planning, Shanghai Green and City (Forestry) Engineering Management Station, Beijing Garden Academy of Science, Guangzhou Academy of Forestry and Garden Science.

1 Scope

This standard specifies the terms and definitions of afforestation soil, requirements, sample sampling and testing methods, inspection rules, improved repair and quality maintain.

This standard applies to the general green planting soil or green conservation soil.

2 Normative references

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

GB/T 6682 analytical laboratory water specifications and test methods Representation and determination of rules for repair of numerical values and limit values GB/T 8170-2008 Soil quality - Determination of total mercury - Cold atomic absorption spectrophotometric method Soil quality - Determination of copper and zinc - Flame atomic absorption spectrophotometric method Soil quality - Determination of nickel - Flame atomic absorption spectrophotometric method GB/T 17140 Soil quality - Determination of lead and cadmium - KI-MIBK extraction by atomic absorption spectrophotometry Soil quality - Determination of

lead and cadmium - Graphite furnace atomic absorption spectrophotometric method GB/T 17141 GB/T 22105.2 Soil quality - Determination of total mercury, total arsenic and total lead - Atomic fluorescence spectrometry - Part 2. Determination of total arsenic in soil GB/T 31755-2015 Green plant waste disposal and application of technical regulations CJ J82-2012 Standardization of Construction and Acceptance of Landscape Engineering HJ/T 350-2007 Evaluation Standards for Soil Environmental Quality of Exhibition Sites (Provisional) Determination of total chromium in soil - Flame atomic absorption spectrophotometric method LY/T 1215 Forest Soil moisture - Determination of physical properties LY/T 1216 Determination of maximum soil moisture content of forest Determination of Stable Withering Water Content in Forest Soil LY/T 1217 LY/T 1218 Determination of forest soil percolation rate LY/T 1225 Determination of forest soil particle composition (mechanical composition) LY/T 1228 Forest soil nitrogen determination LY/T 1232 Forest Soil - Determination of Phosphorus LY/T 1234 Determination of potassium in forest soil Determination of Soil Organic Matter and Calculation of C/N Ratio in Forest LY/T 1237 LY/T 1239 Determination of forest soil pH value LY/T 1243 Determination of cation exchange capacity of forest soils Analysis of Water - soluble Salt in LY/T 1251 Forest Soil LY/T 1258 Determination of available boron in forest soil LY/T 1265 Determination of available sulfur in forest soils LY/T 1970 Green organic substrate Technical specification of topsoil protection for greening