

ICS 65.060.20
CCS B 91

NY

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

NY/T 741-2003

Operation quality of deep soil scarification and harrow

深松、耙耱机械作业质量

(English Translation)

Issued on: December 1, 2003

Implemented on: March 1, 2004

Issued by: Ministry of Agriculture of PRC

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Foreword

This standard was proposed by the Agricultural Mechanization Management Department of the Ministry of Agriculture.

This standard is under the jurisdiction of the National Agricultural Machinery Standardization Technical Committee Agricultural Machinery Sub-Technical Committee.

This standard was drafted. Agricultural Machinery Department of Jiangsu Agricultural Reclamation Group Co., Ltd., Agricultural Machinery Testing and Appraisal Station of Heilongjiang Province, Nanjing Agricultural Machinery of Ministry of Agriculture Institute of Mechanization and Nanjing Agricultural University.

1 Scope

This standard specifies the quality indicators, testing methods and inspection rules for deep pine and concrete machinery.

This standard is applicable to the quality assessment of single items and their joint operations of Shensong and Tan.

2 Normative references

The terms in the following documents become the terms of this standard by reference to this standard. All dated references, followed by all Modifications (not including errata content) or revisions do not apply to this standard, however, parties to agreements based on this standard are encouraged to study it is possible to use the latest version of these files? For undated references, the latest edition applies to this standard.

GB/T 5262 General rules for the determination of test conditions for agricultural machinery

3 Terms and definitions

The following terms are used in this standard.

3.1 Deep pine

More than the conventional tillage depth, the soil and soil layers are basically not chaotic farming operations.

3.2 Deep depth

The vertical distance between the bottom of the soil ditch and the surface of the soil after deep loosening.

Use medium and heavy hoes to loosen, level and destroy crop roots.

3.4 ?? depth

The vertical thickness of the soil in the aquifer after the operation.

3.5 Broken soil

After the operation, the crust of the surface and the long side of the raft layer is not more than 5 cm.

3.6 Leakage

Failure to complete the work in accordance with the requirements, resulting in the phenomenon of missing areas.

4.1 General requirements

4.1.1

There is no significant difference between the furrow and the ridge in the ridge plot after the machine operation.

4.1.2

The smashing operation shall smash the wreckage so as not to affect the quality of the seeding.

4.1.3

Do not drag the pile during the operation.

4.1.4

During the operation, the machine must not have any environmental pollution such as oil leakage.

4.2 Working conditions

The field conditions for deep pine and hoe mechanical operations are. loam or clay, the absolute moisture content of the soil is 15% to 25%;

15cm.

4.3 Quality indicators

Under the operating conditions specified in 4.2, the quality of the deep and sturdy mechanical work shall comply with the requirements of Table 1.