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

GB 10395.17-2010

**Agricultural and forestry machinery -- Safety -- Part 17: Beet
harvesters**

(English Translation)

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Table of Contents

1 Scope	1
2 Normative references	1

Foreword

All technical content in this section is mandatory.

GB 10395 "Forestry Machinery Safety" is divided into.

- Part 1. General;
- Part 2. Dump trailer;
- Part 3. manure applicator;
- Part 4. Forest winch;
- Part 5. driven garden equipment;
- Part 6. Equipment for crop protection;
- Part 7. Combine harvesters, forage and cotton harvesters;
- Part 8. Irrigation pumps and crew;
- Part 9. sowing, planting and fertilizing machinery;
- Part 10. hand (micro) tiller;
- Part 11. Power lawn mower;
- Part 12. Portable powered hedge trimmers;
- Part 13. - behind and hand-held lawn trimmers and lawn edge trimmers;
- Part 14. Powered Shredders and shredding machine;
- Part 15. power with rigid cutting means trimmer;
- Part 16. Potato harvester;
- Part 17. Beet harvesters;
- Part 18. traction winch sprinkler hose;
- 19 parts. center pivot irrigation machines, and translation;
- Part 20. pickup balers;

--- Part 21. Power ted machines and rakes;

--- Part 22. pre-loading device;

--- Part 23. Fixed round silo unloader;

--- Part 24. Liquid manure fertilization car;

This section is GB 10395 "Agricultural and forestry machinery safety" Part 17, modify the use of EN13140.2000 "Agricultural Machinery sugar sweet

Vegetables and fodder beet harvesting machine safe "(in English).

This section according to EN13140.2000 redrafted and EN13140.2000 technical differences are as follows.

--- Cited international standards or European standards our standards, but our standard is not equivalent to international standards or European standards.

For ease of use, this section of EN13140.2000 made the following editorial changes.

a) "The European Standard" to "this Part";

b) Remove EN13140.2000 Foreword and Introduction;

c) modify the EN13140.2000 range;

d) Remove the EN13140.2000 Annex ZA "of the standard and the European Directive EC relations."

Appendix A to this part of the normative appendix, Appendix B, Appendix C, Appendix D is an informative annex.

This part is proposed by China Machinery Industry Federation.

This part of the National Standardization Technical Committee (SAC/TC201) Agricultural machinery centralized.

This section drafted by. Chinese Academy of Agricultural Mechanization Sciences, Heilongjiang Agricultural Machinery Testing Station.

1 Scope

GB This section 10395 specifies the design and manufacture of traction, hanging and self-propelled sugar beet harvester (hereinafter referred to as "harvesters") of

Safety requirements and determination method also provides type-safe operation of the information to be provided by the manufacturer.

This section applies to stems and leaves can be removed, go to the root head, digging, picking up, cleaning, feeding and discharging one or more jobs beet yield

Eligible machines.

This section does not apply to clean up piles of beets loading device.

This section does not consider environmental factors.

2 Normative references

The following documents contain provisions which, through reference in this Part of GB 10395, constitute provisions of this part. For dated reference documents

Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section

Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this

section.

GB 10395.1-2009 agriculture and forestry machinery - Safety - Part 1. General (ISO 4254-1.2008, MOD)

GB/T 15706.1-2007 Safety of machinery - Basic concepts, general principles for design - Part 1. Basic terminology, methodology
(ISO 12100-1.2003, IDT)

GB/T 15706.2-2007 Safety of machinery - Basic concepts, general principles for design - Part 2. Technical principles (ISO 12100-2. 2003, IDT)

GB/T 21155-2007 moving machinery - forward and reverse audible alarm sound test methods (ISO 9533. 1989, IDT)

GB 23821-2009 Safety of machinery - Safety distances to prevent danger zones being reached on the lower limbs (ISO 13857.2008, IDT)

EN620.2002 Continuous handling equipment and systems for bulk material handling safety and electromagnetic compatibility means fixed belt
(EMC) requirements

3 Terms and Definitions

GB/T 15706.1 and GB/T 15706.2 and established the following terms and definitions apply to this section.

NOTE: Appendix B gives an example of the following definitions of machinery and spare parts in FIG.

3.1

Leaf removal device leafstripper

Beet and clear cut means.

NOTE: removal of stems and leaves usually turn by one or more knives, conveyors, throwing leaves and other components.

3.1.1

Rotor rotary cutter

Beet and/or rotation means clear beetroot still be inside the head for removal.

3.1.2

Conveyor conveyor

The stems and leaves delivered to the member leaves or stems throw loading device; and some models of the components supplied to the outer leaf harvester.

3.1.3

Parabolic leaf is leafspreader

The stems and leaves even throw on the ground means.

3.2

Leaf loading device leafloadingdevice

Transfer conveyor at the exit of leaf gathering apparatus.

3.3

Mining equipment beetliftingdevice

Beet exhumed from the apparatus in the soil.

3.4

Cleaning means cleaningdevice

The main means for adhering soil from beet isolated.

3.5

Conveying means conveyingdevice

Beet harvesting machine is delivered from one device to another.

3.6

Discharge means unloadingdevice