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

GB 10395.16-2010

**Agricultural and forestry machinery -- Safety -- Part 16: Potato
harvesters**

(English Translation)

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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 16, modify the use of EN13118.2000 "Agricultural Machinery Potato

Harvester security "(in English).

This section according to EN13118.2000 redrafted and EN13118.2000 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 EN13118.2000 made the following editorial changes.

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

b) Remove EN13118.2000 Foreword and Introduction;

c) modify the EN13118.2000 range;

d) Remove the EN13118.2000 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 10395 of the provisions of this part of the design and manufacture of traction, safety requirements and hanging self-propelled potato harvester and determination for law. Also it provides type-safe operation of the information to be provided by the manufacturer.

This section applies to stems and leaves can be cut, dig, pick up, cleaning, feeding and discharging one or more traction operations, suspended

And self-propelled potato harvester, also can be used without modification are suitable for other crops harvested potato harvesting machine (hereinafter referred to as "Harvest machine").

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 16754 Safety of machinery - Emergency stop design principles (GB 16754-2008, ISO 13850.2006, IDT)

GB/T 18717.3 for the safety of machinery - Ergonomic design - Part 3. Anthropometric data (GB/T 18717.3-

2002, neqISO 15534-3.2000)

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 chopping device haulmchoppingdevice

Before digging potatoes cut and remove the stems and leaves of the device.

3.2

Leaf separation device haulmstrippingdevice

After digging out the stems and leaves separated from the potato.

3.3

Mining equipment cropliftingdevice

Potatoes from the soil will be excavated devices.

3.4

Cleaning means cleaningdevice

The main means for adhering dirt from potatoes isolated.

3.5

Clods and stones clearing device clodandstoneremovaldevice

Soil, clods and stones from the device for removing excavated potatoes.

3.6

Sorting platform sortingplatform

Sorting potato harvester workspace.

3.7

Bidirectional communication two-waycommunication

Sorting capacity of the platform is transferred between the operator and the harvester or tractor driver of mutual information/sound.

3.8

Conveying means conveyingdevice