

Australian/New Zealand Standard™

**Tractors and machinery for
agriculture and forestry—
Technical means for ensuring safety**

**Part 6: Equipment for crop
protection**

[Based on and has been reproduced in full from ISO 4254-6:1995]

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee ME/65, Agricultural Tractors and Machinery. It was approved on behalf of the Council of Standards Australia on 1 May 1998 and on behalf of the Council of Standards New Zealand on 23 December 1996. It was published on 5 July 1998.

The following interests are represented on Committee ME/65:

Department of Labour, New Zealand
Department of Primary Industries, Qld
National Farmers Federation
N.S.W. Agriculture
Safety Institute of Australia
Tractor and Machinery Association of Australia
University of Melbourne
Victorian WorkCover Authority
WorkCover New South Wales
WorkSafe Western Australia

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee ME/65, Agricultural Tractors and Machinery to supersede, in part, AS 2153—1978, *Rules for the guarding of agricultural tractors and machinery*.

The objective of this Standard is to provide designers, manufacturers, suppliers, employers and users of agricultural tractors and machinery with specifications covering technical means to minimize the risks to health and safety of employees and others working with or otherwise near agricultural tractors and machinery.

This Standard is based on but not equivalent to, and has been reproduced from ISO 4254.6:1995, *Tractors and machinery for agriculture and forestry—Technical means for ensuring safety*, Part 6: *Equipment for crop protection*.

Variations to ISO 4254-6 for Australia and New Zealand are given in Appendix ZZ. These variations are indicated with a marginal bar against the relevant clause.

The guarding of agricultural tractors and machinery presents problems which vary significantly from those associated with industrial machinery. These problems include their mobility and the fact that many pieces of agricultural machinery use crop-engaging tools while operating over sometimes difficult terrain.

This has led to the need for an additional Clause to deal with the stability of crop-protection equipment. Additional issues which should be considered include access to the equipment for maintenance, cleaning and unblocking, as well as the probability of children being present near operating farm machinery. Much of the maintenance and in-use servicing is performed by the operator, who may not have as high a level of mechanical knowledge as a person performing the same duties in an industrial environment. This too can lead to added risk for users of agricultural tractors and machinery.

Statements expressed in mandatory terms in notes to text, tables and figures are deemed to be requirements of this Standard.

The term ‘normative’ has been used in this Standard to define the application of the appendix to which it applies. A ‘normative’ appendix is an integral part of a Standard.

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*Reference to International Standard
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Australian/New Zealand Standard

ISO

AS/NZS

3600

Tractors and machinery for agriculture and forestry—Operator manuals and technical publications—Presentation

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4254

Tractors and machinery for agriculture and forestry—Technical means for ensuring safety

2153

Tractors and machinery for agriculture and forestry—Technical means for ensuring safety