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# Biotechnology - Microorganisms - Examination of the various existing lists of plant pathogens and production of a report

## S.R. CR 12292:1996

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<b>NSAI</b> 1 Swift Square, Northwood, Santry Dublin 9	T +353 1 807 3800 F +353 1 807 3838 E standards@nsai.ie W NSAI.ie	<b>Sales:</b> T +353 1 857 6730 F +353 1 857 6729 W standards.ie
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**REPORT**  
**RAPPORT**  
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**CR 12292:1996**

February 1996

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English version

Biotechnology - Microorganisms - Examination of  
the various existing lists of plant pathogens and  
production of a report

Biotechnologie - Microorganismes -  
Examen des différentes listes  
existantes de pathogènes pour les  
plantes et production d'un rapport

Biotechnologie - Mikroorganismen -  
Prüfung der verschiedenen  
bestehenden Listen von  
Pflanzenpathogenen und  
Anfertigung eines Berichtes

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**CEN**

European Committee for Standardization  
Comité Européen de Normalisation  
Europäisches Komitee für Normung

Rue de Stassart 36, B - 1050 Brussels

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## **Foreword**

This report was prepared by the Technical Committee CEN/TC 233 "Biotechnology", the secretariat of which is held by AFNOR.

## **Introduction**

A very large majority of microorganisms used in industry are safe and harmless. Very few of them - usually used for manufacturing vaccines or diagnostics - are potentially pathogenic to humans or animals. Those pathogenic microorganisms are used in contained processes according to the level of hazard. The case is the same for plant pathogenic microorganisms as for instance those used for screening new pesticides and resistance in plants against pests and diseases.

One of the main biosafety problems facing users of pathogenic microorganisms is to identify the hazard level of the organisms employed in various fields of activities in order to apply the most appropriate safety measures.

The first basic need for such a purpose would be, where this is possible, to have indicative lists of pathogens available.

## **1 Scope**

This CEN Report examines the various existing lists of plant pathogenic microorganisms and presents in the conclusion recommendations for a further step.

## **2 Examination of the various existing lists of plant pathogenic microorganisms**

For this purpose, an existing list is defined as one issued from a consensual agreement by an Expert Committee and which has been officially published by national competent authorities of a CEN Member State, by the European Union or by an international plant protection organization.

Three main sources were therefore considered :

- the Commission of the European Communities (see annex A [1]) ;
- the European and Mediterranean Plant Protection Organization (EPPO) (see annex A [2]) ;
- the national plant protection agencies and their related ministries or any other national competent authority (see annex A [3]).

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