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

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Detection and identification of Potyvirus glycitessellati

大豆花叶病毒检疫鉴定方法

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

This document is proposed and coordinated by the National Technical Committee on Plant Quarantine Standardization (SAC/TC271).

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Quarantine and Identification Methods for Soybean Mosaic Virus

1 Scope

This document describes serological and molecular methods for the detection of soybean mosaic virus.

This document applies to the quarantine identification of soybean mosaic virus.

2 Normative references

GB/T 6682

3 Terms and definitions

There are no terms or definitions that require definition in this document.

4 Soybean mosaic virus classification information

Chinese name. soybean mosaic virus.

English name. soybean mosaic virus. Abbreviation. SMV.

Classification. Patatavirales, Potyviridae, Genus Poty- virus).

Additional information on soybean mosaic virus is provided in Appendix A.

5 Principles of the method

The serological characteristics and genomic features of soybean mosaic virus are the basis for quarantine identification of the virus.

Optical RT-PCR detection method; through the effective combination of these methods, it is determined whether the sample carries soybean mosaic virus.

6.1 Reagents

Unless otherwise specified, all reagents were of analytical grade.