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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SN/T 3279-2012

Method of phosphine quarantine fumigation at low temperatures for Fuji apple

富士苹果磷化氢低温检疫熏蒸处理方法

(English Translation)

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

Please note that some of the content of this document may involve patents. Distribution of this document Institutions do not assume the responsibility to identify these patents.

This standard is proposed and managed by the State Administration of Quality Supervision, Inspection and Quarantine.

This standard was drafted. Chinese Academy of Inspection and Quarantine.

1 Scope

This standard specifies the method of low-temperature phosphine fumigation quarantine Fuji apple.

This standard applies to the use of pure phosphine gas may carry peach fruit moth codling moth or Fuji apples entry and exit quarantine fumigation deal with.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB Z2.1 Workplace Hazardous Occupational Exposure Limits - Part 1. Chemical hazardous agents SN/T 1143 Easy fumigation phytosanitary rules People's Republic of China Pesticide Management Regulations (State Council of the People's Republic of China) Dangerous chemical safety regulations (State Council of the People's Republic of China)

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3 Terms and Definitions

The following terms and definitions apply to this document.

Pure phosphine gas Pure pure phosphine or phosphine containing no fruit damage impurity gases such as ammonia and other gases mixed preparation, by phosphorus Hydrogen generator site preparation or pre-stored in the phosphine cylinders.

Phosphine fumigation low fumigationwithphosphineatlowtemperature Phosphine after harvesting the fruit by the provisions of the program down to cryogenic storage temperature of fumigation.

Phosphine corrosive corrosionofmetalswithphosphine Phosphine aluminum, light alloys and copper and other metals have certain corrosive, should avoid the use of these materials in the fumigation area, you can use carbon steel, not Stainless steel, nickel-based alloys and other materials.

4.1 Fumigation agents

Fumigation agents should meet and "dangerous chemical safety regulations" requirements "People's Republic of China pesticide regulations."

4.2 Fumigation

Fumigation subject to special design prevents corrosion of phosphine fumigation facilities and equipment, and has excellent air tightness, insulation and temperature control

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