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

GB/T 32242.2-2015

**Equipment for crop protection -- Induction hopper -- Part 2:
General requirements and performance limits**

植物保护机械 吸入式加药装置 第2部分：一般要求与性能限值

(English Translation)

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Foreword

GB/T 32242 "plant protection machinery inhaled dosing device" is divided into two parts.

--- Part 1. Test methods;

--- Part 2. General requirements and performance limits.

This section GB/T Part of 232,242.

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

This part redrafted Law Amendment uses ISO 21278-2:2008 "Part 2 plant protection machinery inhaled dosing device.

General requirements and performance limits. " This part of ISO 21278-2:2008 technical differences are.

--- In Chapter 1, "Scope" increased scope of application of the first chapter and complete.

This section also made the following editorial changes.

--- Deleted the reference to international standards.

This part is proposed by China Machinery Industry Federation.

This part of the National Standardization Technical Committee (SAC/TC201) Agricultural machinery centralized.

This section is responsible for drafting unit. China Academy of Agricultural Mechanization Sciences, Modern Agricultural Equipment Co., Ltd.

Introduction

Sprayers primary kits may be connected to a suction-type dosing device, in order to avoid cross-contamination between the pesticide and the operator and the environment Pollution.

Currently, inhaled dosing device on the market that can be obtained mainly in the following two types.

--- Pesticide can be transferred to the inhalation type dosing device inside the sprayer main kits;

--- Can be transported to the pesticide sprayer master kits, and pharmaceutical box has pre-mixed and self-cleaning function of inhaled dosing Means.

This standard applies to verification inhaled dosing device.

Plant protection machinery inhaled dosing device Part 2. General requirements and performance limits

1 Scope

GB/T 32242 provisions of this part of the GB/T 32242.1 - General requirements and performance limits for inhalation dosing device definition.

This section applies to suction-type dosing means for delivery of pesticides and fertilizers on crop protection.

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/T 18678 plant protection - Agriculture spray (control) the rated capacity and processing liquid tank hole diameter (GB/T 18678-2002, eqv ISO 9357:1990) GB/T 20085 plant protection machinery vocabulary (GB/T 20085-2006, ISO 5681:1992, MOD) GB/T 32242.1-2015 plant protection machinery - Part 1 inhaled dosing devices. Test methods (ISO 21278-1.

2008, MOD)

3 Terms and Definitions

Terms and definitions GB/T 20085 and GB/T 32242.1 defined apply to this document.

4.1 Rated capacity

Rated volume tick mark should be durable, showing a normal job status inhaled dosing device can be safely added to the maximum capacity.

4.2 Size of the opening

The opening size of inhaled dosing device should be met.

--- When filling no pesticide spill;

--- Volume of at least 10L internal medicine barrel cleaning (according to GB/T 32242.1-2015 6.8.2).

4.3 Prevent internal contamination

Inhaled dosing device should be equipped with protective measures to ensure the prevention of foreign matter into the tank when the drug dosing device is not used.

If inhaled dosing device provided with a lid, it should not prevent the inspection and maintenance of the device.

4.4 Pharmacy outlet box

Mixture outlet should not be greater than 20mm diameter ball through.

Inhaled dosing device should enable the operator to fall into the tank is safe to remove the 20mm diameter sphere.