

YC

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

YC/T 630-2025

**Code of practice for mass production and application of
Aphidius gifuensis (Ashmead) mummified aphids
(English Translation)**

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents".

Drafting.

Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents.

This document was proposed by the State Tobacco Monopoly Administration.

This document is under the jurisdiction of the Agricultural Subcommittee of the National Tobacco Standardization Technical Committee (SAC/TC 144/SC 2).

1 Scope

This document specifies the production sites, facilities, equipment, and apparatus for the *Aphidius cirrhosa** (a type of parasitic wasp) *Aphidius cirrhosa**, as well as the breeding techniques, product requirements, and other specifications for *Aphidius cirrhosa**.

The content includes product transportation and release requirements, as well as investigations into waste recycling and prevention effectiveness.

This document applies to the production and application of the tobacco aphid parasitic wasp *Aphidius* spp.*; the production and application of other aphid parasitic wasp *Aphidius* spp.* products can be referenced for implementation, such as those for vegetables.

Aphid parasitic wasps, etc.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are listed below.

For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies.

This document.

GB 8978 Integrated Wastewater Discharge Standard GB/T 23222 Classification and Survey Methods for Tobacco Diseases and Pests GB/T 37506-2019 Technical Specification for Controlling Tobacco Aphids by Braconid Wasps

3 Terms and Definitions

The following terms and definitions apply to this document.

Aphidius gifuensis (Ashmead) A species of tobacco aphid belonging to the order Hymenoptera, family Aphidiidae, and genus *Aphidius*.

Parasitic natural enemy insects.

[Source. GB/T 37506-2019, 3.2] 3.2 parasitized aphids After the aphid (Tobacco Aphid) lays its eggs inside the body of the Tobacco Aphid Parasitic Wasp, a parasitic wasp-aphid complex is formed before the aphid becomes a stiff aphid.

Mummified aphids

The insect body becomes swollen, stiff, and opaque after being parasitized by the tobacco aphid wasp.

[Source. GB/T 37506-2019, 3.6] 3.4 emergence the process of a pupa transforming into an adult.

[Source. GB/T 37506-2019, 3.7] 3.5 Percentage of emergence the percentage of adult bee emergence out of the total number of aphids.