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

YC/T 341.3-2010

**Rules for investigation and forecast of tobacco diseases. Part
3: Tobacco black shank
(English Translation)**

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Foreword

YC/T 341 in accordance with this part of GB/T 1.1-2009 "Standardization Guide Part 1. Standard structure and write" to Request be written.

Please note that some of the content of this document may involve patents. Release mechanism of the present document does not assume responsibility for the identification of these patents.

YC/T 341 "Tobacco Diseases forecast investigation procedure" is divided into the following sections.

- Part 1. brown spot;
- Part 2. The virus spread by aphids;
- Part 3. black shank;
- Part 4. bacterial wilt;
- Part 5. root knot nematode;
- Part 6. wildfire, angular leaf spot;
- Part 7. powdery mildew.

This section YC/T Part 3 341.

This part by the State Tobacco Monopoly Bureau.

This part of the National Technical Committee of Standardization Technical Committee on Tobacco Agriculture (SAC/TC144/SC2) centralized.

This section drafted by. China National Tobacco Corporation Qingzhou Tobacco Research Institute.

1 Scope

This section YC/T 341 provisions of the tobacco black shank system survey, census methodology, data collection and forecasting, reporting and aggregation methods.

This section applies to all levels of the site forecasting tobacco black shank investigation and forecast.

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 23222 Classification and tobacco pest survey methodology YC/T 341.1 tobacco disease investigation protocols forecast - Part 1. brown spot

3 Terms and Definitions

Terms and definitions YC/T 341.1 defined apply to YC/T 341 of the present section.

4.1 Investigation time

10d after transplanting begin the investigation until the end of harvest. Survey conducted after noon on a sunny day, once every 5d investigation.

4.2 Survey plots

Select local representative climate tobacco-growing region, to establish a relatively fixed observation garden, covering an area greater than 667m², planting perennial varieties Stable susceptible varieties. Fungicides are not administered during the investigation of the disease, not harvested during the investigation, other agronomic practices with local practices.

4.3 Survey Methods

After transplanting field surveys with 5.00 diagonal sampling method, fixed-point line, every point along the line 50 continuous survey to calculate the incidence of the disease and Index, calculated in accordance with the implementation of GB/T 23222 requirements. The results recorded in the appendix table (see Appendix A).

5.1 Census time

In the tobacco into the seedling stage (8 leaf stage to 10 leaf stage), the rosette stage, vigorous growing, harvest survey were carried out four times, in the same area each year investigation Room should be roughly the same.

5.2 Census plots

Choose different regions, different species, different types of plots and Tobacco seedbed, the seedbed investigation no less than 10, the number should be a lot of plots