ICS 83.140.10
CCS G33

NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 25414-2010

Thickness limit and test method of mulch film for cotton planting

棉花种植用地膜厚度限值及测定

Issued on: November 10, 2010 **Implemented on: March 1, 2011**

Issued by: General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China;
Standardization Administration of China

Table of Contents

Foreword

The standard proposed by China Machinery Industry Federation. This standard by the National Standardization Technical Committee (SAC/TC201) Agricultural machinery centralized. This standard was drafted. Xinjiang agricultural Machinery Testing Station, Xinjiang agricultural machinery pipe Authority. The main drafters of this standard. Eagle Zhang, Xu Min, Gao Yan, Pei Xinmin. Cotton planting and Determination of film thickness limits

1 Scope

GB/T 25414-2010 is the Chinese national standard on thickness limit and test method of mulch film for cotton planting, in the field of rubber and plastic industries. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 10 November 2010 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 March 2011. Classification: ICS 83.140.10, CCS G33. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the limits for cotton planting and film thickness measurement method. This standard applies to cotton planting mulch.

2 Film thickness limits

Cotton planting film thickness limit of not less than 0.008mm.

3.1 Measuring instrument

3.1.1 thickness gauge with a resolution of 1μm.

3.1.2 The meter should have a planar surface and a lower surface measuring surface flat or convex surface on the measurement, all measuring surface should be Polished surface.

3.1.3 the vertical measuring surface is a plane/plane, each measuring surface diameter should be 2.5mm ~ 10mm between two parallel plane is not less than 5μm, measured surface should be adjusted to meet the above requirements. Measurement should face between the load applied to the specimen in 0.5N ~ 1.0N.

3.1.4 When the vertical measuring surface is convex/plane, the radius of curvature measurement should be between 15mm ~ 50mm in diameter should be measured at the surface Not less than 5mm, the face should be measured between the load applied to the specimen in 0.1N ~ 0.5N.

3.1.5 transfer output measured values \u200b\u200bcan use mechanical method (micrometer), an optical method (using a mirror meter) or electrical method (inductive method) A variety of methods.

3.2 Preparation of the sample Away from the longitudinal ends of the sample at about 1m, transversely across the width of the test specimens, specimen width 100mm. Except for the submission of folding or packing Stack samples, specimens should be free of wrinkles, nor should other defects.

3.3 Determination of step

3.3.1 sample at (23 ± 2) °C condition conditioning at least 1h, a thin film of humidity, conditioning time and the environment should be the test material Norms or negotiated by the supply and demand sides.

3.3.2 The measurement should be checked before each measurement sample surface and measuring instrument should be no oil, dust and other contamination.

3.3.3 should be checked before measuring gauge zero. After each set of sample measurements should re-examine its zero point.

3.3.4 should be measured down gently probe to avoid deformation of the specimen.

3.3.5 equidistant length measuring method to determine the position of the point of thickness, as follows:

a) the sample length is less than equal to 300mm, measuring 10 points;

b) in the sample length between 300mm ~ 1500mm, measuring 20 points;

c) the sample length is greater than equal to 1500mm, measured at least 30 points. The

samples did not cut edges should start measuring 50mm away from the edges.

3.4 Data Processing Measuring the sample thickness is the arithmetic mean of all the measurements.