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**NATIONAL STANDARD OF THE
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**Technical requirements of cotton cultivation for concentrative
maturation**

棉花集中成熟栽培技术要求

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Table of Contents

Foreword

1 Scope

2 Normative references

3 Terms and definitions

3.1 Cotton Maturity

3.2

3.3

3.4 Chemical topping

3.5

Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

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This document is proposed and coordinated by the Ministry of Agriculture and Rural Affairs of the People's Republic of China.

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Technical requirements for concentrated mature cotton cultivation

1 Scope

This document stipulates the selection of varieties, planting system, growth process, preparation for planting, sowing, chemical regulation, water and fertilizer transportation for concentrated mature cotton cultivation.

Planning, pest and disease control, defoliation and ripening, centralized or mechanical harvesting requirements.

This document applies to the large-scale, simplified and mechanized production of cotton in the cotton-growing areas of the Northwest Inland, the Yellow River Basin and the Yangtze River Basin.

2 Normative references

GB 4407.1

NY/T 1276

NY/T 3682

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Cotton Maturity

It is expressed by the growth period from sowing seedlings to boll opening or the whole growth period from sowing seedlings to harvesting, which characterizes the growth and development speed of cotton varieties and The characteristics of early or late maturity.

3.2

The entire cotton field is concentrated in a relatively short period of time to complete the boll opening.

3.3

Use cotton varieties with suitable maturity, sow at the right time, plant at a reasonable density, chemical regulation, water and fertilizer management, timely topping (capping), defoliation and ripening. And other measures are taken to achieve the cultivation and management methods for optimizing cotton boll formation and concentrated maturity.

3.4 Chemical topping

The method of using plant growth regulators in conjunction with water and fertilizer management and other measures to control apical dominance and achieve self-topping of cotton.

3.5

The sowing density of the single seed hole-sowing cotton field is calculated according to the predetermined plant spacing and row spacing or the number of sowing holes per unit area, and further calculated according to the seed germination rate.

The cotton seedling density was calculated based on the rate.