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**Agricultural production trusteeship - General requirements for
digital management**

农业生产托管 数字化管理通用要求

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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.

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

This document is proposed and coordinated by the China Federation of Supply and Marketing Cooperatives.

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Introduction

Agricultural production trusteeship is the main mode of agricultural production in China in the future.

Consumers and other entities together constitute the ecological system of agricultural production management.

The application of digital management in agricultural production trusteeship is an important part of reshaping the agricultural production model.

The technology of agricultural production management provides a strong technical support for the digital management of agricultural production trusteeship; various agricultural data have become the key data in the agricultural production process.

It covers multiple dimensions such as the behavior between organizational elements, production trusteeship process and risk prediction; the digital platform can achieve high It can also conduct efficient management and modeling analysis, and deeply connect with internal and external business systems to achieve accurate planning and efficient execution of agricultural production management activities.

Action, strong control and continuous optimization.

This document is conducive to improving the quality of agricultural production management services, promoting the deep integration of digital technology and agricultural production management; guiding the application of technology and innovation, ensure data security and privacy, and safeguard the legitimate rights and interests of all parties; help regulatory authorities improve regulatory efficiency and provide data support for scientific decision-making Support; ultimately promote agricultural modernization and rural revitalization.

General requirements for digital management of agricultural production trusteeship

1 Scope

This document specifies the digital technology requirements, digital platform requirements and digital maturity assessment in digital management of agricultural production trusteeship.

Estimation and other contents.

This document is applicable to agricultural production management service organizations that carry out digital construction, management and evaluation of agricultural production.

2 Scope References

The contents of the following documents constitute essential clauses of this document through normative references in this document.

For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to This document.

GB/T 7415 Storage of crop seeds GB 12475 Anti-toxic regulations for the storage, transportation, sale and use of pesticides GB/T 24689.6 Plant protection machinery agricultural and forestry microclimate information collection system GB/T 29372 Specification for the storage and management of edible agricultural products GB/T 29890 Technical Specification for Grain and Oil Storage GB/T 32828 Functional safety specification for warehouse logistics automation systems GB/T 33129 General operating procedures for packaging and cold chain transportation of fresh fruits and vegetables GB/T 39517.2 Test procedures for agricultural positioning and navigation systems for agricultural and forestry tractors and machinery Part 2...

Testing of satellite automatic navigation system in running state GB/T 41479 Information security technology - Security requirements for network data processing GB/T 41834 Smart Logistics Service Guide GB/T 42503 Specification for cold chain logistics services for agricultural products GB/T 43420 Agricultural production materials supply service agricultural materials supplier evaluation specification GB/T 43439 Information technology service digital transformation maturity model and assessment GB/T 43440 Application Guide for Internet of Things Smart Agriculture Data Transmission Technology GB/T 43443 Interface requirements for IoT smart agriculture information systems NY/T 1431 Agricultural Product Traceability Coding Guidelines NY/T 3921 Technical specification for ground monitoring of soil moisture and crop growth for agricultural remote sensing

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 An agricultural management method completed by agricultural productive service organizations

Agricultural operators entrust part or all of the agricultural production operations to capable