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**NATIONAL STANDARD OF THE
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**Specialized farmers cooperatives - Guidelines for the
construction of production management information system**

农民专业合作社 生产管理系统建设指南

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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 contents of this document may refer to patents. The issuing agency of this document assumes no responsibility for identifying patents. This document was proposed and managed by the All-China Federation of Supply and Marketing Cooperatives. This document was drafted by: Jieshou Pinyou Planting Professional Cooperative, Anhui Fengbao Grain, Oil and Food (Group) Co., Ltd., Anhui Nongxin Poultry Professional Farmers Cooperatives, All-China Federation of Supply and Marketing Cooperatives Beijing Commercial Machinery Research Institute, Beijing Academy of Agriculture and Forestry Sciences Information Technology Research Center Center, Chongqing Supply and Marketing Cooperative, Jieshou Agricultural Product Quality and Safety Inspection and Testing Center, Anhui Xiyangyang Agricultural Technology Co., Ltd. The main drafters of this document. Tian Weijing, Ren Benwang, Zang Jia, Wang Cong, Zhao Fanghui, Yang Rong, Yang Feng, Fei Zheng, Bo Lijun, Wang Suran, Chen Tianen, Wang Kaiyi, Pan Shouhui, Sun Yanming, Xia Pinyou, Hua Sheng, Zhou Bing, Wu Xiaowen, Jia Shuqin, Pan Yongfeng. Guidelines for Construction of Production Management System of Farmers' Professional Cooperatives

1 Scope

GB/T 42480-2023 guides farmers' cooperatives in building a production management information system. Cooperatives are the structure through which smallholders in China reach markets that individually they could not: they aggregate produce, buy inputs together, and increasingly must document what they did in the field, because traceability, food safety certification and any premium pricing all depend on records. Most cooperatives have neither IT staff nor budget, and the systems they end up with are either far too elaborate to be used by the people who must enter the data or a spreadsheet that answers no question asked of it later. This document establishes the principles for constructing a cooperative's production management system and gives guidance on its structure, its functions and its data. Getting the data model right is what makes the records usable for traceability afterwards, rather than merely collected. Under ICS 65.020 and CCS B04, it is written for the cooperatives themselves, for the agricultural extension services and local authorities that support them, and for the software providers building systems for this market.

This document establishes the principles for the construction of the production management system of farmers' professional cooperatives, and provides the structure, functions, and data of the production management system. Guidance and suggestions on library construction, security assurance, operation and maintenance, etc. This document is applicable to the construction of the production management system of farmers' professional cooperatives.

2 Normative references

The contents of the following documents constitute the essential provisions of this document through normative references in the text. Among them, dated references For documents, only the version corresponding to the date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to this document.

GB/T 5271.1-2000 Information Technology Vocabulary Part

3 Terms and Definitions

The following terms and definitions defined in GB/T 5271.1-2000 apply to this document.

3.1 On the basis of contracted management by rural households, producers and operators of agricultural products or providers and users of agricultural production and management services, voluntarily Joint, democratically managed mutual economic organization.

3.2 production management production management Plan, organize, coordinate and control all activities involved in the production process.

3.3 interface interface The boundary shared by two functional units, which is defined by various characteristics (such as functions, physical interconnections, signal exchanges, etc.). [Source: GB/T 5271.1-2000, 01.01.38]