
JING FU

ABSTRACT

Like other disciplines, the system of animal husbandry industry management comes from the needs of the society and the conclusion of people's practice, which is sublimated in science and requires the support of certain necessary conditions and certain sufficiency conditions; its coming out also needs withstand the test of practice, and constantly improve and improve in practice.

KEYWORDS


INTRODUCTION

The development of animal husbandry economy drives the specialized division of labor, large-scale management, intensified scientific management and socialized synergistic development of livestock production, and promotes the integration of pre-natal feed production (planting, grazing and feed processing) and As the core of animal husbandry production, as well as the post-natal animal products processing industry and the marketing of its products constitute the livestock industry, that is, animal husbandry industry or the formation of a large animal industry system. This kind of eco-economic system composed of multiple chains (links) and multiple factors of the animal and plant ecosystem and social market economic system should pay attention to the comprehensive (overall) benefits and synergistic development of economy, society and ecology, which is facing and how scientific A series of systemic problems, such as pre-policies, rational utilization and protection of resources, and optimal compatibility of production factors, require a scientific management theory and method to arm the managers of this industrial system, that is, "T" type talents. This kind of social need is necessary to create a new discipline of "animal husbandry industrial system management." Our professional animal husbandry academies and schools should train the livestock industry management personnel who adapt to the needs of social development for the society. Teaching content should also be followed by the reform of the past that only talked about the production technology, management and marketing do not speak of educational content, the disciplinary system should also It is based on the transformation of the ternary system of breeding, breeding and management (modern mathematics, management science, computerization and marketing) from past bred (chemical, feed, environmental and Rearing) and bred (genetic, otherwise it is difficult to meet the social needs of professional and technical integration of "T" -type talent. The need of social development can be regarded as the most basic and necessary condition for the
emergence and development of this emerging discipline. However, since the 1930s, Taylor's theory of scientific management has brought forward the emergence of Talangfei system science and the emergence of systems engineering since the 1950s. The development of modern mathematics, the invention and continuous improvement and popularization of computers have provided a platform for various industries analyzing and implementing system management has provided new scientific theories and advanced means. In the recent years, all countries, especially China, have developed market economy and realized that the production of commodities must also be regulated macroscopically. When an enterprise leaves the scientific management, there is no Competitiveness. These are important conditions that promote the development of various management disciplines, especially the systematic management of science.

SYSTEM REQUIREMENTS ANALYSIS

Obtaining the required information from the production reports of grass-roots management units over the years. This is an important source of information, which has the advantages of concentration, large amount of information, time continuity and dynamism. The disadvantage is that such information is generally provided by management at all levels it is extremely inconvenient for the preservation, management, scientific research and teaching staff to obtain the required information in this way.

This is another important source of information, which has the advantages of being comprehensive, systematic, detailed, accurate and reliable, with excellent illustrations and illustrations. The disadvantage is that because the survey is conducted on a single item basis, the information formed is also relatively Scattered, combined with the fact that these data are kept by only a few management departments and management personnel and have a long history, which brings with them many difficulties in accessing the data. In addition, since such data are generated during the fixed years and cannot reflect the development and changes in livestock husbandry production, Time-limited. Getting the required information from scientific and technical documents a large number of scientific and technical literatures have been produced in the livestock scientific research projects completed in the pastoral areas in the past years, which are scattered in different years and periods of hundreds of science and technology journals across the country. The information obtained in this way has the advantages of accurate data and strong pertinence, but is too scattered and has a long retrieval time and heavy workload.

Access to information from academic monographs is also a way for people to access data. Although academic works provide a systematic and complete introduction to all aspects of the issues involved, their overall content is still often confined to the large-scale system of livestock production It is equally difficult for most technology and management to access the information they need in this way, subject to circulation and other constraints, and to obtain information from the country's published statistical yearbook However, these data are rather rough and cannot meet all the needs of scientific research and management personnel. Natural Ecological Data of Soft Zones Livestock husbandry in pastoral areas of Qinghai-Tibetan Plateau is a kind of animal husbandry and natural ecology in cold regions with high altitude. The effect of the system on the multi-level and high-intensity livestock husbandry system is an
important feature of the livestock husbandry economy, so people pay more attention to the changes in natural ecosystems that are most closely related to livestock husbandry such as weather, geographical distribution, soil, etc. Livestock the industry resource system is a subsystem of animal resources and grassland resources it is not only the main object of the management of livestock husbandry management, but also the main content of scientific and technical personnel research. Therefore, people need to obtain the main information content.1.2.3 Di animal industry economic development and changes in the data, including livestock products over the years Quantity, livestock population information, output value of livestock husbandry and production value of other industries and economic development data. The system of animal husbandry natural ecology and production technology in pastoral area of Qinghai-Tibet Plateau covers subsystems of animal production, pasture production, grassland improvement and protection, compared with the production information, although the production technology is constantly innovating, as a whole, its scope and amount of change over time are much smaller. It can be seen that the production technology system has a large amount of information, content and small changes or relative balance, etc. The innovation and improvement of production technology is an important issue for scientific and technical personnel research and also the basic content that managers must master. Therefore, this kind of information is also an important object of their inquiry. This is the most used type of information, Accounting for about 50%, such as the economy of livestock husbandry and production data, as well as animal growth and development in livestock resources, Productivity data, pasture grass growth and productivity data in forage resources: and most meteorological and ecological factors data, etc. Character data Character data is also a type of information that is used more, with only a second amount of data About 40% of the numerical data, most of the technical data of production, epidemic prevention and control data and animal body appearance data are character data, such data mainly includes part of date data and graphic image data, accounting for about 10% The data are scattered in various data sets, such as historical production data, animal growth and development, etc. Graphical image information is often used to describe the appearance characteristics of livestock resources and forage resources. Statistical calculation is performed on the data obtained by the query the specialized special calculation is the process of further processing and refining information, which is mainly concentrated in the two major subsystems of animal husbandry economy and animal husbandry resources. Many statistical results should be accompanied by charts, so the chart production and the combination of statistical calculation process, is a more ideal combination of functions. Line chart for the performance of continuous change process, its application than another Table common. Realize the economic development of livestock husbandry or production in the past period of time change, the future trends and animal and forage production performance changes in the course of a certain period of time will use the line chart; at a time when comparing The different elements in the collection, such as milk yield from different litter cows in milk-consuming cattle, will be applied to the bar chart; the proportion of structures within the collection, such as pastoral industrial structure, herd structure, etc., will be applied There are three types of target devices for outputting information, which are monitors (or projectors), printers, and external storage such as floppy disks or hard disks. By default, the information is output on the display. When the information is output as a file to a file
External memory, you need to determine the format used by the file. Data files using datasheet; graphics image files using bitmap format or file exchange format.

LIVESTOCK MANAGEMENT PLATFORM

The development of database management system includes the research and development of database design and information management application software, i.e., user operation platform software. According to the principles of systematology, this paper introduces the concepts of "natural ecology", "animal husbandry resource", "livestock husbandry economy" “And" disease prevention and control "five subsystems as the main content of livestock husbandry information system, can more completely cover all parts of the system information. Based on these five subsystems defined VF format database, as well as the application of object-oriented program VF environment the database management application developed by the design method is the two basic objects of constructing this information management system. The advantage of using this system architecture lies in covering a large amount of rich information content and various information service functions to maximally meet the needs of pastoral animal husbandry management Personnel, animal husbandry research and teaching information needs of the current pastoral areas will face a revolution in the mode of production, which is from nomadic or semi-nomadic mode of production to the gradual transformation of settlement grazing production, the system integration of family ranch construction, management and The evaluation subsystem can provide technology for this production revolution And decision-making reference. VF system simplified programming features make the application system design process can be easily arranged in the spatial order of the system structure to better achieve the user-friendly interface, the system interface is complete and accurately reflect the pastoral animal husbandry Theoretical and technical knowledge of the operating methods and results of the information displayed with the user is usually consistent with the customary access to and use of information, so that the application of the system is easy and is conducive to the promotion and popularization of software. Visual Fox pro in our country Has been a very popular database management system, to a great extent, with many advanced technological features, the application system developed in its environment naturally inherits these technical characteristics. SQL embedded query system, in particular, Using RUSHORE technology for most common operational commands can increase the speed of querying, indexing, and many other operations hundreds of times as fast as your computer system has sufficient memory resources. The system has network support capabilities that work well Adapt to the development of today's computer application network. For example, With ODBC program can easily convert the VF format library file to SQL format, in order to achieve the eSvre Buwser (server-browser) network architecture to run on the network to provide users with information services.

Animal husbandry production data can be divided into two categories: dynamic data and static data. Dynamic data refers to the changing data with the production year cycle, such as the number of livestock in each category, annual livestock product quantity, herd structure data, etc., Because these data are affected by various complicated factors, their changing trend may be approximate linear or non-linear. Another kind of data, such as animal germplasm characteristics, pasture germplasm characteristics, production technology data, etc., are generally Will not change
obviously with time and exhibit static invariant features. However, this stability is relative. Due to the strong influence of ecosystem environment and other factors, in the longer period of time, the data of Changes are obvious. Due to these special attributes of production data, different database maintenance methods should be adopted in the continuous development of system design and even later, greater data editing authority should be given to the data with dynamic changes. Of the data is properly limited data editing authority, flexible, practical, simple and efficient database maintenance methods, will continue to improve according to the value of libraries.

CONCLUSION

The relevant departments of the state are urged to organize relevant experts from all over the country to jointly compile the unified textbook of System Management of Animal Husbandry Industry so as to further clarify and standardize the research objects and contents of this discipline. At the same time, strengthen the links between the national agricultural colleges and universities to jointly promote the development of this discipline. We believe that with the continuous improvement of the market economy and the continuous development of the livestock husbandry industry, with the joint efforts of researchers and researchers in system management, the system management of livestock industry will surely become the scientific research and application field of animal husbandry. A new discipline that has a unique role and function.

ACKNOWLEDGEMENTS

Study on the Strategies of Resource Mashups of Building Information Platform of Fresh Agricultural Products supported by PhD research fund of Wuhan Business University (NO.2016KB004)

REFERENCES