

THE STRUCTURE OF PRODUCTION PROCESSES IN THE AGROTECHNICAL DECISION SUPPORT SYSTEM

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Plant growing processes is investigated as an object for management system improvement with the purpose to increase the economic efficiency and labor productivity. A process approach was used to study the object. The structure of the technological information based on the decomposition of the production cycle on processes and an individual approach is offered. As a result of the study the structure of the automated control system based on an individual approach to the production processes is offered. The development and application of the automated control system with a new structure for the formalization of technological knowledge can reduce the number of employees engaged in monotone work, as well as significantly improve the quality of agrotechnological decisions in the crop industry.

Key words: agricultural enterprise management, automation of technological knowledge control, digital technology.

