INFORMATICS IN AGRICULTURAL ENTERPRISE

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The paper synthetizes the steps taken and the implications in the computer-oriented management of the socialist agricultural enterprise, a cybernetic system conceived as an economic and social organization including the

production and technological system, the information — decision system and the human relation system.

The specific behaviour characteristics of the agricultural enterprise as cybernetic system are determined: the combination between the natural reproduction processes and the social-economic ones; the seasonal character of the most part of work processes and the territorial dispersion of production processes rendering difficult the analysis of the whole complex of activities and enlarging the data collection area; decisive factors having a random evolution, defficult to be included in models; continuous action of agriculture integration effects, as an objective process while the enterprises modernised and its upward and especially downward interdependence links are amplified.

Using the experience got in preparing the introduction of the computer-oriented management system to a State Romanian agricultural enterprise, some proposals are done for the "logical" and "physical" design of an information system devoted to an agriculture enterprise, setting-up the information flows, the file systems, the possibilities of optimizing some activities and processes by using network diagrams — the METRA potential method (a variant adopted to the specific of the agriculture activity) and electronic data processing.