



GIS and information systems in agriculture

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A crop information system provides agricultural specialists with the elements needed for decision making. The agricultural information system presents a series of advantages for a crop information system, providing agricultural specialists with the elements needed for decision making. The applied methodology can be successfully applied in any agricultural area. The possibility of merging several maps in a single operation, known as “overlaying”, is a key GIS function.

The main advantages of a crop information system are: impartiality, rapidity, flexibility. Decision makers have immediate access to cultivated areas depending by type of crop, stage of a crop's growth cycle, yield forecast, technical conditions for land preparation etc.