



Features and economic efficiency in agricultural systems in Iasi county after EU accession

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The culture system of plants in Iasi county comprises the following subsystems: the structure of crops, used varieties and hybrids, production technologies, system of necessary machines and manpower, measures to prevent and combat diseases and pests, work land improvements necessary to preserve and increase the productive potential of soil. The position of Iasi county as merging point of three different relief units as potential agro-pedo-climatic - South side of the Plain of Moldavia, south-eastern extremity of Suceava Plateau and the northern half of Central Moldavian Plateau - allows both an agriculture oriented towards crop production and towards animal agricultural production. In Iasi County 54% of the farmland is owned by individual farms, 26% by other farms, 14% by agricultural companies and only 6% by agricultural associations. To meet increased competition, agricultural establishments in Iasi will need to tailor different combinations of inputs and capital in order to adapt to the necessities of modernization and peculiarities of the agricultural process. Technological improvements should be aimed primarily to use the inputs that have favourable effects on reducing costs and do not violate the rules on environmental protection. Until 2013 Iasi County will redefine as an active and dynamic area of development, providing decent living conditions for residents, by turning to good account the agriculture and energy, by taking advantage of human capital and by combining rich tradition with creative and technological modernity.