

4 SMART FARMING – INTELLIGENT SYSTEMS IN AGRICULTURE



LAJTAMAG LTD.

Lajta Vetőmag (Seed) Ltd. was founded in 1991 in Hungarian ownership. Due to the constant development our group has a particularly modern and high technological level seed manufactory. As the heirs of our father and grandfather we continue and run this fully Hungarian-owned third-generation family-owned company. The seed manufactory in Mosonudvar has more than 10000 square metre horizontal storage area. Many people do not know that there is a unique warehouse management system in the seed manufactory and its warehouses. The RFID – i.e. Radio Frequency IDentification system – enables the record of the location and the quality parameters of stocks held at a specific time and also the extremely accurate record of every item. While producing our own seeds our guiding principles are quality and accuracy; accordingly, we try to meet the needs of our partners in any case! The group uses 2000 hectares of own and leased land that is the basis of seed production. The latest tractors and machinery work on the fields.



ZEILER HUNGARIA LTD.

Zeiler Hungaria Ltd. built one of the biggest, overall 14 hectares, Middle East European greenhouse complex near from the Austrian-Hungarian border in Lébény. Beside the greenhouse tomato production and crop specific nutrition, the geothermic energy utilization also promotes the company's more efficient operation.



KISALFÖLD MEZŐGAZDASÁGI ZRT / AGRICULTURAL LTD

Here we can get to know more about the technique of arable crop and herb production. The company has a complex agricultural production because they also produce biogas by cattle breeding.



FORT MONOSTOR KOMÁROM



Fort Monostor, built between 1850 and 1871, counts as the biggest Central-European fortress of modern history. This classicistic war historic monument, enlisted in the UNESCO World Heritage Tentative List, offers a magnificent sight with its monumental walls built of carefully shaped and assembled stones, its ramparts covered with soil to a depth of 3-4 metres and its several kilometre long underground tunnel system (casemate network).

IGMÁNDI SAJTMŰHELY / CHEESE WORKSHOP OF IGMÁND



The family is working in their own agriculture enterprise since 1992, mostly crop production and animal husbandry. Since 2007, they use the milk of Hungarian Pied, held on pasture, in dairy production. During winter the feeding is Alpine type and free from fermented feed, this ensures the production of tasty dairy products. They aim is to produce quality food from their own family farm products.

