

DELTA AGRAR

As a member of Delta M Group and Delta Holding, company Delta Agrar d.o.o. has been present in agro-business since 1993 and today stands for one of the leaders in all aspects of agricultural activities in the country and in the region. Intensive implementation of international technologies in agricultural activities, staff development and continued improvement of the know-how have fostered DELTA AGRAR as one of the biggest and most complex agro-systems in the region.

Headquarters of the company DELTA AGRAR, currently hiring 1500 employees, is in Novi Beograd, with presence on the markets of the countries in the region, the European Union, Russia and Switzerland.

Delta Agrar is active in: primary agricultural production, cooperation and buy-up, agro-trade and distribution, as well as food production.

*In **primary production** Delta Agrar is active in farming, production of fruit and vegetables, cattle and fishery. Production takes place in five agricultural estates owned by Delta Agrar, comprising 15.000 hectares.*

Fruit production

In spring 2007, at its estate A.D. „Podunavlje“ in Čelarevo, Delta Agrar raised one of the most modern apple perennial plantations in Serbia and the region. Today this orchard occupies area of 201 ha and is located in Bačko-palanačka area with excellent climate and edaphic conditions allowing to accomplish high and stabile crop. The A.D. „Podunavlje“ estate intensively produces international well known apple sorts such as: Gala, Breaburn, Marry Red, Golden Delicious, Red Delicious, Granny Smith and Gold Rush. The most modern orchard was organized based on Italian SUDTIROL technology.

Apples were planted in thick rows, with 3,2 x 0,8 m distance, thus providing 3900 plants in one hectare, as a precondition to yield high and stable crop. Besides the thick seeds, high and stable crop are also influenced by: quality seed material, protection from unfavorable climate factors and quality watering. Watering system, as well as meteorological station are located in the GPRS system and allow remote control and parameter monitoring.

Orchard is equipped with anti-frost system (freeze fighting system), irrigation system (watering system), fertigation system (nutrition system), as well as the system for ice rain fighting, thus making it the most modern and biggest orchard of the type in Europe.

Complete apple production takes place adhering to GLOBAL GAP system, hence providing the quality of export.

Within the orchard there is a modern Ultra Low Oxygen cooler of 6,000 tons capacity which, due to dynamic atmosphere, allows compete apple crop to be optionally stored in chambers and preserved up to 300 days. One of the specificities of the coolers with dynamic atmosphere is that picked apples enter the chamber directly, with no chemical treatment, as is the practice in

ULO coolers. At all times atmospheric content is adjusted to the apple needs, thus making the ULO cooler in Čelarevo unique in this part of Europe.

Average orchard crop in the fifth production year is 60-70 t, whereas overall apple production in 2010 was 4.622 t.