

Item	Value	Description
Place	<p><b>The Bărăgan Plain, and the Embanked Great Island of Danube River, Brăila</b>, both located in the South-East area of Romania</p>	<p>For reducing the impact of frequent drought periods specific to the Bărăgan Plain, more than 500 000 ha had been equipped with irrigation systems before 1989. In the last two decades, excessive land fragmentation as well as lack of investments have made less than half of the irrigation infrastructure to be serviceable. In 2016, the Romanian Government approved the “<u>The National Irrigation Program for Rehabilitation of the Primary Irrigation Infrastructure</u>”, allocating one billion Euros for the period 2016-2020.</p>
Size	<p><b>SCDA Brăila</b> (Station for Agricultural Research and Development) – 1470 ha irrigated</p> <p><b>AGRICOST SRL</b> – 48000 ha irrigated</p> <p><b>AGRICHIM SRL - Movila Farm</b> - 2900 ha irrigated</p>	<p>During the recent years, major investments in irrigation equipment, like center pivots, have been made by the <b>AGRICOST SRL</b> (350 center pivots covering 48000 ha) in the Embanked Great Island of Brăila and the <b>AGRICHIM SRL</b> Fetesti, Ialomita (15 center pivots covering 2900 ha) at the Movila Farm.</p>
Crop	<p>Corn, wheat, soybean, sunflower, barley, alfalfa, rape and peas</p>	<p>Crop structure in <b>2017</b>:  the <b>AGRICOST SRL</b> cultivated the following crops:  -14853 ha autumn wheat  -8048 ha autumn barley  -11707 ha corn  -10056 ha soybean  - 8184 ha sunflower  - 2520 ha alfalfa  - 260 ha of peas  The <b>AGRICHIM SRL</b> cultivated the following crops:</p>

		<p>-716 ha autumn wheat  -299 ha autumn barley  -516 ha rape  -676 ha corn  -570 ha soybean  -87 ha alfalfa  -16 ha mustard  The <b>SCDA Brăila</b> - cultivated the following crops:  -347 ha autumn wheat  -299 ha autumn barley  -114 ha rape  -199 ha sunflower  -353 ha corn  -311 ha soybean</p>
Irrigation Methods	Sprinkler irrigation system using center pivots and hose reel machines (travelers).	Center pivots with different maximum machine lengths.
Water management system	The <b>Water Users' Associations</b> (OUAIs) manage the water allocation in the fields based on the agreements signed each year with <b>ANIF</b> (The National Agency for Land Reclamation) <u>which owns, maintain and service the main irrigation infrastructure, providing irrigation water to individual OUAIs</u>	In Romania, the " <u>Restriction Plan for Water Supply during low flow periods</u> ", approved by the The National Administration "Romanian Waters" ( <b>ANAR</b> ) each year, regulates conditions for satisfying water needs. Depending on hydrological conditions, temporary restrictions for water supply can be applied, when discharge in the river sector is smaller than the minimum discharge required by the water users (ANIF).
Irrigation water source	Danube River	Danube River is the main source for water supply of the irrigated fields in the Romanian DAs.