**USAMV Cluj-Napoca – THE TEACHING AND EXPERIMENTAL RESEARCH STATION**

The basis of the present University’s Teaching and experimental research station was created in 1869 under the farm named “Ferma Mănăștur” that belonged to the Agricultural Institute, and continued with the Governmental Decision No. 123/1993 concerning the reorganization and function of the teaching and experiment stations belonging to the higher education institutes of agriculture.

The main objectives of the University’s Teaching and experimental research station activity are:

* Supporting the practical education of students by experimental fields and zoo-technical farms equipped with modern technical equipment;
* Supporting the research activities of the University’s teachers and PhD students;
* Supporting the technological transfer of the University’s research activities results;
* Production of seeds and planting material;
* Pilot project for farmers training in the vegetal and animal field;
* Organizing of workshops and practical demonstrations with agricultural equipments and machinery, for students, farmers and teachers;

The land of the University’s Teaching and experimental research station is located around the Cluj Napoca City, in four different places: Cojocna, Jucu, Hoia and Șapca Verde, summing up to a total agricultural area of 2028.13 ha, plus a total of 201.75 ha of non-agricultural area (forests, rivers, roads, constructions, unproductive land). Out of this four, the Cojocna and Jucu locations include next to the agricultural area, animals farms as well.

The land structure for each of the four University’s Teaching and experimental research station locations is presented in the Table below:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Land structure** | **Cojocna** | **Hoia** | **Sapca Verde** | **Jucu** | **TOTAL** |
| Arable (ha) | 400 | 57.27 | 11.58 | 660.32 | **1129.17** |
| Pastures (ha) | 176 | 27.29 | 0.39 | 312.15 | **515.83** |
| Hay (ha) | 32.87 | 13.7 | 0.8 | 329.13 | **376.5** |
| Orchard (ha) | 0 | 0 | 6.63 | 0 | **6.63** |
| Total Agricultural Area (ha) | 608.87 | 98.26 | 19.4 | 1301.6 | **2028.13** |
| Total Non-Agricultural Area\* (ha) | 58.23 | 50 | 4.79 | 88.73 | **201.75** |
| **\* forest, rivers, roads, constructions, unproductive** | | | | | |

The main agricultural crops cultivated within the University’s Teaching and experimental research station are presented in the Table below:

|  |  |
| --- | --- |
| **Crop** | **Land under crops (ha)** |
| Wheat | 70 |
| Mash (wheat & triticale) | 20 |
| Rye | 5 |
| Maize | 100 |
| Corn Silage | 70 |

The structure of the l**l**ivestockraise within the University’s Teaching and experimental research station is presented in the Table below:

|  |  |
| --- | --- |
| **Animal species bred** | **Breeding stock (heads)** |
| Cattle | 297 |
| Merinos Sheep | 413 |
| Tigaie Sheep | 644 |
| Pigs | 125 |
| Hens | 4671 |

In the Hoia location there are two domestic sheep breeds: the Merinos de Cluj – created by the University’s researchers, and Tigaie. In the Cojocna location there is a modern animal breeding complex comprising tree farms: cattle, pigs and poultry.

In accordance to the provisions of the Law No. 45/2009 and the Law No. 72/2011, in the near future the orchard of the Station for research and development of orchard from Cluj Napoca will be integrated within the University’s Teaching and experimental research station, as part of the teaching and experimental research activities of the University.