

Appendix 13 – Scientific research

THEMATIC AREAS, PRIORITY DIRECTIONS AND SCIENTIFIC RESEARCH PLANS

- Breeding varieties and hybrids of agricultural and horticultural species through classical methods and genetic engineering;
- Sustainable technologies in agriculture and horticulture;
- Improvement of integrated crop protection systems;
- Sustainable use of agricultural land;
- Improveent, preservation, and restoration of degraded lands;
- Prevention and control of pollution in agriculture;
- Genetically modified plants breeding;
- Environmental impact assessment and ecological restoration;
- Alternative energy resources;
- Agricultural restructuring and sustainable rural development;
- Financing systems in agriculture;
- The study of chemical compounds applicable to the food industry;
- Food product quality;
- Food safety and security;
- Food science research;
- Domestic animal protection and welfare;
- Animal disease prevention and control;
- Techniques and technologies of animal breeding and amelioration by embryo transfer and genetic engineering;
- Farming technologies improvement;
- Improvement of production, harvesting, preservation, and forage crop optimization technologies;
- Optimization of animal feeding as a means of improving the quality of foods of animal origin.

SCIENTIFIC RESEARCH

Specification	Faculty of Agriculture	Faculty of Horticulture and Forestry	Faculty of Agricultural Management	Faculty of Veterinary Medicine	Faculty of Food Processing & Technology	Faculty of Animal Science and Biotechnologies
National Projects	15	23	19	67	67	40
International Projects	12	2	9	6	2	5
Contract research / consultancy economic environment	57	2	10	18	19	2
Scientific papers published in ISI	33	7	14	15	79	23
Scientific papers published in journals indexed BDI	380	45	483	432	172	386
Scientific papers published in not indexed journals	93	59	80	230	3	73

