

# NIZHNY NOVGOROD STATE AGRICULTURAL ACADEMY

## Feeding farm animals

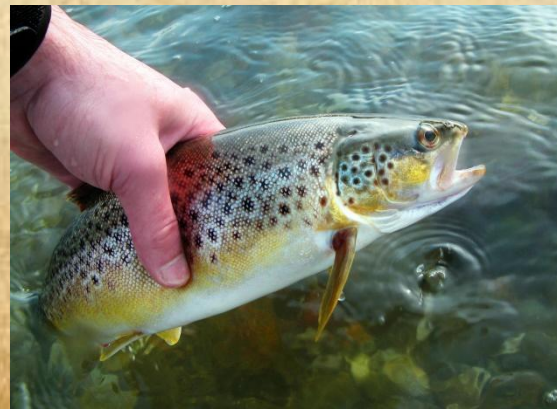


**Completed:  
by postgraduate  
Grishina O.A.**

**Scientific leader:  
Professor  
Dmitrieva N.Ya.**



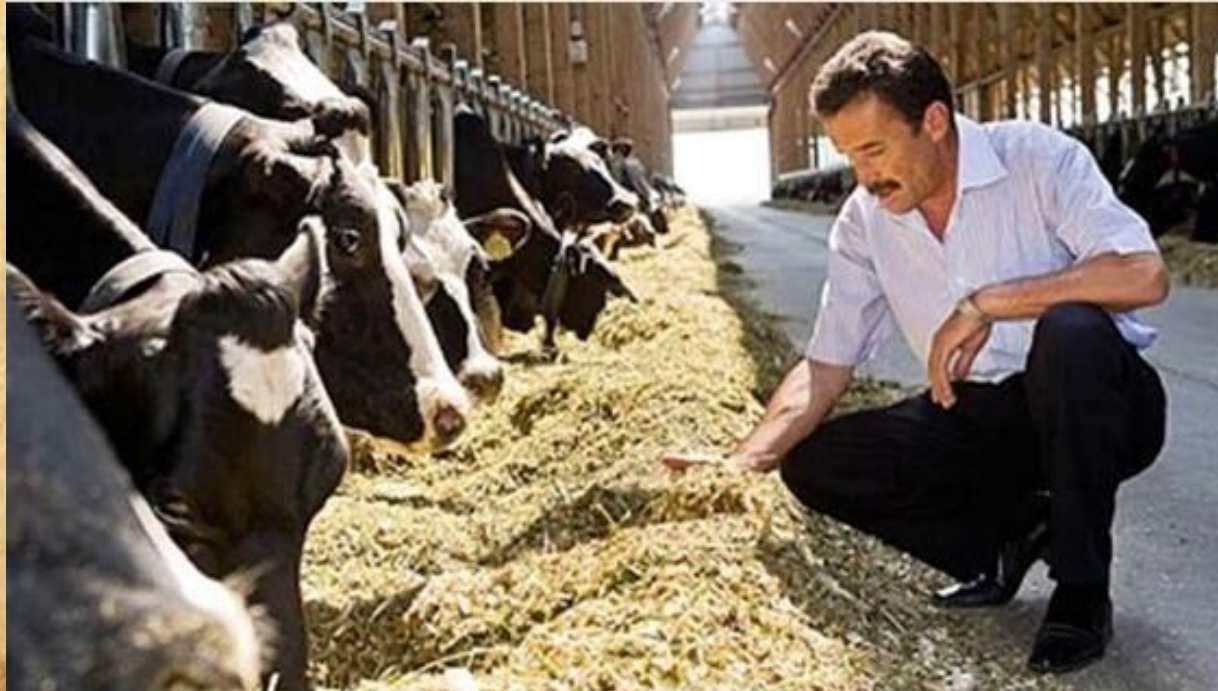
**Zootechnics is the science of breeding, feeding and using farm animals in order to get high-quality products at the lowest cost of labor and resources. Zootechnics is the scientific basis of animal husbandry.**



**Feeding farm animals is a section of zootechnics, developing methods and techniques of animal feeding. Its purpose is to get animal products used as human food and raw material for industry. Feeding as a science studies the needs of animals in feeds value and diets.**



**On the basis of data on animal nutrient requirements feed rations for farm animals have been defined. Feed ration is the amount of nutrients necessary for animals to sustain life and to ensure high productivity.**



# **Cow is a ruminant that eats coarse succulents and concentrated feeds**



**hay**



**grain**



**silage**

**Ration is necessary amount of high-quality feeds with active substances enough to maintain health and reproductive function of animals and to produce high quality products. The diet is made in according to the feeding standard.**



**In feeding farm animals also biologically active substances are used such as antibiotics, hormones, enzymes, various additives that affect the body's metabolism and digestion**



**Cleaning farms is very important as pollution of environment is very harmful to the animals and makes worse the quality of the products.**





# **Conclusion**

**Zootechnics is very important for agriculture. It helps keep records on the farm, maintain and feed the animals properly and get high quality products without doing harm to the animals' health.**

*Thank you  
for your  
attention!*

