

The role and importance of Ekolak and Ekolak Plus in pigs feeding

Many farmers in Serbia who breed pigs, use different feed for pigs feeding (mostly imported foreign super premixes). Similar situation is in nearby countries - west European products gain market with it's "modern concept of feeding of livestock".

They seem not to understand that, except the money outflow from our country, we and our children eat meat of domestic animals filled with chloral phenicol (antibiotics) and heavy metal salts. Immune system of pigs fed in that way, is very weak, often after illness they die. Swine fed with this feed are ready for slaughter after 95-105 days (short period of fattening) and the meat is watery, soft, without color, with high content of water. The reason for this is mentioned: heavy metal salts have to absorb water from tissues released after killing. ! But it's not biggest problem!

The fact is that lead, cadmium and mercury are deposited in bones and tissues, may have teratogen effect and may cause cancer.

Hence, the role and importance of milk replacement becomes even greater because healthy pig, fed with starter and grover, where are included milk replacement, their immune system enter fattening period fully prepared. With additives of high quality after that period and use of **soybean flat cake** in all mixtures for animal feed, we get high quality feed. Meat made of these animals is of excellent quality and price of cost is lower than before. But, the fact that we eat unhealthy meat is important itself.



Ekolak and Ekolak Plus

EKOLAK and **EKOLAK PLUS** are made of quality raw materials - basic component is **soybean meal Biopro20**, which is often used in food industry (conditery and meat production). The difference between these two products is in different content of lactose: **EKOLAK** contains only the percentage of lactose from whey in powder, and in **EKOLAK PLUS** lactose has been specially added. **Because of specific content of proteins, oils, ash, and cellulose, final products EKOLAK and EKOLAK PLUS have much better quality compared to imported competitive products.** Other components of these replacements (lactose, whey powder, dextrose, aroma, DKF, methionine) are taken from famous manufacturers in order to get product of high quality. Also, our price is much more competitive.

Before entering the market, this two products were used in experiment. The aim of experiment was to examine their nutritive values and to compare it with standard imported milk powder.

Experiment with EKOLAK PLUS was organized on farm Doža Đerđ at Bačkoj Topola. About 120 pigs were included in experiment, divided in two groups, for 27 days (pigs were fed with two mixtures of standard composition). In mixtures for experiment group instead of milk replacement imported from abroad - Delaks, in same quantity (14%), it was used our domestic milk replacement **EKOLAK PLUS**. Results of experiment clearly explained advantages of use of domestic milk replacement **EKOLAK PLUS**: this group had bigger weight gain (bigger weight gain is very important in this very sensitive stage of growth for pigs). In this period feed consumption is very low like a daily weight gain and in the unfavorable condition for production, it can cause a weight loss, with lots of scrabs, a big costs for medicaments and big mortality rate. While in control group feed consumption for kg of weight gain was 2,05 kg, in experiment group fed with added **EKOLAK PLUS**, feed consumption was 1.83 kg or 10.73% less - what caused a lower cost for feed.



EKOLAK i **EKOLAK PLUS** are used for preparing full mixtures: for pigs up to 20%, for calves up to 25% and for chicken up to 5% (**EKOLAK PLUS**). Mixtures made in this way are given to animal ad libitum, with enough water.