

Offers for pre-slaughter industry laboratory technology training, primary processing and quality evaluation of raw materials:

1. The works directed on decrease of risks of occurrence of pork with signs PSE:

- Perfection of technology of acceptance, transportation, prelethal preparation and giving of pigs on slaughter;
- Working out on the basis of scientific researches of standards of color and the technological instruction on sorting of pork with their application for effective and rational use of meat raw materials.

Offered works will allow to lower quantity of pork with quality deviations (PSE), during автолиза and losses at its primary processing and refrigerating storage. Decrease in a share of meat PSE in total amount of manufacture of pork will raise consumer characteristics of the packed pork and semifinished products, such as appearance, color, flavoring characteristics. Will reduce branch of meat juice, including, at vacuum packing and losses at thermal processing of production to culinary readiness that will promote finally to growth of a consumer demand for your production.

Calculations show that at refrigerating processing of 1 ton of meat with defect PSE losses above permitted standard will make an order of 1,7 thousand rbl.

2. Working out and introduction of system of an estimation of quality of hulks of pigs on an exit of a muscular fabric with classification according to ГОСТ 53221-2008 «Pigs for slaughter. Pork in carcasses and semicarcasses. Specifications», with introduction of a tool method of classification.

It will allow to pass from existing system of acceptance of pigs on an exit and quality of meat, and frequently and on live weight, to an objective method of acceptance and a pork estimation on an exit of the muscular fabric accepted in all countries of the European Union.

Use of an objective estimation of quality of pork and establishment of the differentiated prices for received production depending on its quality, will promote perfection of economic mutual relations between manufacturers of raw materials and process industry and are additional stimulus for the further increase in manufacture and pork improvement of quality.

3. Training to modern ways and principles to the rational differentiated cutting pork and beef carcasses .

4. Considering that the Government of the Russian Federation pays much attention to power savings and ecology questions it suggested to consider the problem also on introduction of the production technology of biodiesel fuel from animal fats and sewage.

Contacts:

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- Laboratory of technology of prelethal preparation, primary processing and estimation of quality of raw materials

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