

ANNOTATIONS

Petrychenko V. F., Kamenschuk B. D. Assessment of the quality of maize grain hybrids of different ripeness groups // Feed and Feed Productions. – 2009. – Issue 65. – P. 3-10.

Peculiarities of the chemical composition of maize grain hybrids of different ripeness groups when grown in conditions of the Forest –Steppe of Ukraine are represented.

Klymchuk A. V., Herasymchuk S. B. Determination of the maturity group of the initial material of maize under monoculture conditions in // // Feed and Feed Productions. – 2009. – Issue 65. – P. 11-16.

The results of researches on the determination of maturity group of self-pollinated lines and simple maize hybrids for different methods under monoculture conditions are presented. The most suitable and fast method for the identification of the maturity group of maize initial material for these conditions are investigated.

Tomchuk P. V., Petryshkova O. M., Kondratevych O. V. New aspects of seed production of perennial leguminous grasses // Feed and Feed Productions. – 2009. – Issue 65. – P. 17-23.

The results of long-term researches on the influence of minimum sowing rates of alfalfa under wide-row and drilled sowing methods in the context of different years of grass growing are stated.

Barvinchenko V. I., Materinsky P. V., Kobak S. Y.
Effectiveness of production a grain of forage bean depending from influence of system fertilize // Feed and Feed Productions. – 2009. – Issue 65. – P. 24-33.

Ascertain of dependence growth, development and productivity of forage bean depending from influence of system fertilize. Elaborate elements of intensive technology grow and conduct valuing economic.

Provornaya L. N., Olefirenko U. L., Ovsienko A. I. Sorghum perspective forage crop for the production of full value high quality fodders // Feed and Feed Productions. – 2009. – Issue 65. – P. 34-39.

Peculiarities of technological methods of feed production from high yield forage crop sorghum, when used for green forage, silage and grain forage are stated. Feasibility of sorghum cultivation and harvesting in conditions of the steppe zone of Ukraine is proved.

Lebedenko L. I. Influence of sowing depth on ear productivity and yield of spring wheat under different nitrogen rates // Feed and Feed Productions. – 2009. – Issue 65. – P. 40-46.

It is established that parts of the main ear in different varieties of spring wheat depend on sowing depth and nitrogen rates at different stages of organogenesis. Correlation between ear length, number of spikelet number and mass of grain and productivity is revealed under Forest-Steppe part of Ukraine.

Bohoslovska M. S. Monitoring of agrocenosis and peculiarities of ambrosia spread // Feed and Feed Productions. – 2009. – Issue 65. – P. 47-51.

Peculiarities of ambrosia spread in agrocenosis and non-arable lands are stated.

Dovhan S. V. Methodology of the assessment of the influence of weather fluctuations on the reproduction of the main weevil species of in Ukraine // Feed and Feed Productions. – 2009. – Issue 65. – P. 52-60.

The process of the population formation of the main weevil species in Ukraine is analyzed. The model for the forecast of the development and reproduction of the main weevil species is developed.

Petryshkova O. M., Tomchuk P. V., Kondratevych O. V. Influence of the sowing rates and cover crops on seed productivity of esparcet in the Steppe zone of Ukraine // Feed and Feed Productions. – 2009. – Issue 65. – P. 61-67.

The results of long-term researches studying the effectiveness of the sowing rate and cover crops and their influence on the seed yield of esparcet variety Peschany 1251 when grown in the south of Ukraine are considered and presented.

Veklenko J. A. Productivity of annual forage crop mixtures at pascual use // Feed and Feed Productions. – 2009. – Issue 65. – P. 68-75.

Results of three-year researches on productivity of annual pastures from forage crops of different bunches of maturity are submitted. Researches have shown, that use on a grazing of mixtures of annual crops as a phytocenotic active and ecologically plastic components of an agrophytocenosis in the conditions of a drought, especially on the areas near farms, can be one of factors of reception of low-cost feeds for animals.

Chepur S. S., Mospan A. M. Influence of organic fertilizers and periodicity of mowing of sown meadow associations on fodder productivity and ecology of agro landscapes of the mountain-forest belt of the Carpathians // Feed and Feed Productions. – 2009. – Issue 65. – P. 76-82.

The role of organic fertilizers and periodicity of mowing of sown meadow associations on fodder productivity and ecology of agrolandscapes of the mountain-forest belt of the Carpathians is elucidated.

Kulyk M. F., Skoromna O. I., Obertyukh Y. V., Chornolata L. P. Substantiation of the new system of forage assessment in milk units for cows of different productivity level // Feed and Feed Productions. – 2009. – Issue 65. – P. 83-94.

A new system of forage assessment in milk protein, carbohydrate and power units for the cows of different level of the productivity.

The new system of estimation of forage in milk protein, carbohydrate and power units for the cows of different productivity level is developed.

Kurnaev A. M., Nykytenko L. H., Syrovatko K. M., Hrytsun A. V., Koval S. S., Derkach Y. S., Byhas O. V. Milk productivity of cows under the use of Lucerne haylage made by roll

technology using mineral conservative in the diets // Feed and Feed Productions. – 2009. – Issue 65. – P. 95-102.

Results of the feeding experience on the determination of the productive effect, digestibility of nutritious elements of Lucerne haylage made by the roll technology using mineral conservative are given.

It is established that feeding of Lucerne haylage made by the roll technology using mineral conservative in the diet increases milk productivity by 13,52% in comparison to haylage made by the traditional technology (without conservative) and by 34,15% in comparison to household diet.

Zhukorsky O. M. Ethological reactivity and stress resistance of Angus bulls under different conditions of keeping // Feed and Feed Productions. – 2009. – Issue 65. – P. 103-110.

Prolongation of bull grazing at the sowings of annual fodder crops after weaning and group formation weakens stress condition of the trial animals maintaining the dynamics of meat productivity formation.

Furmanets Y. S. Digestibility of nutritious elements and meat productivity of bulls of Aberdeen-Angus breed when feeding mixed fodders containing zeolitic tuff // Feed and Feed Productions. – 2009. – Issue 65. – P. 111-116.

Results of the study of the influence of feeding to fattening bulls of Aberdeen-Angus breed of the different quantity of zeolitic tuff in the composition of mixed fodders on digestibility of nutritious elements and meat productivity are stated.

Mazurenko M. O., Honcharuk V. V. Hematological characteristics of bulls when feeding biologically active feed supplement Probio-active // Feed and Feed Productions. – 2009. – Issue 65. – P. 117-121.

Feeding up bulls with biologically active food supplement Probio-active does not really impact on the change of morphological blood indices but increases the percentage of alpha-globulin and decreases the amount of albumin.

Honcharuk V. V., Bolokhovskiy V. V. Introduction of enzyme preparation *MEK-BTU-4* in calf diet // Feed and Feed Productions. – 2009. – Issue 65. – P. 122-127.

The introduction of MEK-BTU-4 enzyme at the rate of 0,3g per kg of grain mixture in feeding diets of 1-6-month calves causes average daily weight increase for 121g (17,2%) and 14,7% decrease of fodder consumption per kg of weight increase.

Koval S. S., Mandryk M. O., Byhas O. V. Milk productivity of cows of Simmental breed of the domestic and Austrian breeding in conditions of Vinnytsia oblast // Feed and Feed Productions. – 2009. – Issue 65. – P. 128-138.

Data on the interrelation of milk productivity of cows, stability of lactation of morphofunctional bases of the udder under the same conditions of animal feeding are given.

Derkach Y. S. Productivity of young pigs fed by biologically active supplement Probio-active // Feed and Feed Productions. – 2009. – Issue 65. – P. 138-143.

It is researched that feeding pigs with biologically active supplement Probio-active at the rate of 0,3 and 0,5 g/kg of concentrated feeds have positive influence on 66 and 80 g or 12,6 and 17%, average daily weight increase as well as on the reduction of feed consumption per kg of weight increase by 11,21-14,6%.

Stasyuk O. K. Digestibility of nutritious elements and balance of nitrogen and phosphorus in the organism of pigs when feeding moist conserved maize grain in their diets // Feed and Feed Productions. – 2009. – Issue 65. – P. 143-148.

Ratio of digestibility of the main nutritious elements and balance of nitrogen and phosphorus in the organism of pigs when feeding moist conserved maize grain in their diets is determined.

Dmytruk I. V. Digestibility of diet nutritious elements, balance of nitrogen, calcium and phosphorus when feeding citric and succine acids to young pigs // *Feed and Feed Productions*. – 2009. – Issue 65. – P. 149-154.

It has been determined that feeding citric and succine acids to young pigs increases digestibility of nutritious elements. Accumulation of nitrogen in young pigs of the third trial group was 3,48 gr or 26,3 % higher than in control group. Accumulation of calcium in young pigs of the third trail group was 4,82 gr or 32,1% higher, phosphorus – 0,82 gr or 26,3 % higher than in control group ($P < 0,05$).

Chornolata L. P., Kylymnyuk O. I., Lapteev O. O., Chudak P. A. Influence of feeding of different mixed foddors on chicken-broiler productivity // *Feed and Feed Productions*. – 2009. – Issue 65. – P. 154-159.

Influence of mixed foddors on chicken-broiler productivity is shown. They were the same by the content of the main feed components, but mixed fodder of industrial production contained enzyme, antioxidant, inhibitor of mould, coccidiostatic. It should be mentioned that Feed Research Institute produced fresh mixed fodder each ten days.

Melnyk I. V., Vykul S. I. Influence of table wine treatment by proteins of grain-legume and grain crops on the characteristics of their physical and chemical composition and biological activity // *Feed and Feed Productions*. – 2009. – Issue 65. – P. 159-166.

Results of researches on the influence of table wine treatment by untraditional for wine-making proteins of grain-legume crops like chick-pea and amaranth and grain crops like sorghum on the characteristics of their physical and chemical composition of grapes wines and their biological activity are stated.

Venedyktov O. M., Roychenko L. H., Petrychenko I. I., Zadorozhna I. S., Opanasenko G. V. Conceptual foundations of the influence of the transfer of innovative production on feed production efficacy // *Feed and Feed Productions*. – 2009. – Issue 65. – P. 167-172.

Scientific and methodological foundations of the formation of the transfer of innovative production, its influence on the efficacy of feed production are elucidated.

Urgent problems of the increase of innovative production competitiveness, improvement of marketing activity in order to promote scientific products at different market segments are represented.

Roychenko L. H., Matsyutevych V. S. The state of feed production in the context of the world economic crisis // Feed and Feed Productions. – 2009. – Issue 65. – P. 172-177.

The current state and urgent problems of feed production development in 1990-2009th is elucidated. Urgent problems of feed production development in the context of the world economic crisis are represented.

Susha S. K. Contribution of Professor V. I. Sazanov (1879-1967) to domestic selection development // Feed and Feed Productions. – 2009. – Issue 65. – P.178-189.

Practical and theoretical achievements of V. I. Sazanov in selection and seed production in Ukraine during the period of its formation are revealed. Scientist's activity at the experimental stations Ivanovska, Sumska, Poltavaska (1906-1929) as well as at Karahandyn experimental station (Kazakhs Institute of Soil Cultivation 1935-1940) became a part of the history of the domestic selection and seed production of agricultural crops.