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«Ad meliorem»

Latin saying

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Схему комплексной терапии у овец с маститом разработали, эффективность составила 93,3%. Литература: 1. Алиев А.И. Gangrenozny mastit ovets v Dagestane i mery bor'by s nim: Author's Abstract of Dissertation í Cand. of Vet. Science. Kirovobad, 1963. 20 p. 2. Алиев А.Ю., Абдулмагомедов С.Ш., Булатханов Б.Б. К ситуации по маститам овец в ПК "Ремонтники" Гергебилского района // Современные проблемы ветеринарного акушерства и биотехнологии воспроизведения животных: Materials of International Theoretical and Practical Conference. Voronezh, 2012. P. 60-62. 3. Алиев А.Ю., Абдулмагомедов С.Ш. Мастит у овец (терапия и профилактика) // Актуальные проблемы болезней обмена веществ у сельскохозяйственных животных в современных условиях: Materials of International Theoretical and Practical Conference. Voronezh. P. 284-285. 4. Гусейнов Е.М., Шабанов Ш.Б., Гасанова К.Б. Диагностика и профилактика скрытого мастита // Овтсеvodstvo. 1993. Iss. 2. P. 37-38. 5. Дифференциация кокковой микрофлоры молока / В.А. Париков [et al.] // Ветеринария. 1981. Iss. 11. P. 64-65. 6. Раджабов М.Д. Иммуногенные свойства вакцины против инфекционного мастита овец // Профилактические и лечебные мероприятия в условиях отгонного животноводства. Vol. 12. 1981. P. 82-84.

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EXPERIENCE OF TREATMENT OF MASTITIS IN SHEEP

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Keywords: ewes, mastitis, therapy, Cefazolin, oxytocin.

Summary. The scheme of complex therapy in sheep with mastitis is elaborated, efficiency is 93,3%. Ref. 6.

BIBLIOGRAPHIC REFERENCES. 1. Aliev A.I. Gangrenozny mastit ovets v Dagestane i mery bor'by s nim: Author's Abstract of Dissertation í Cand. of Vet. Science. Kirovobad, 1963. 20 p. 2. Алиев А.Ю., Абдулмагомедов С.Ш., Булатханов Б.Б. К ситуации по маститам овец в ПК "Ремонтники" Гергебилского района // Современные проблемы ветеринарного акушерства и биотехнологии воспроизведения животных: Materials of International Theoretical and Practical Conference. Voronezh, 2012. P. 60-62. 3. Алиев А.Ю., Абдулмагомедов С.Ш. Мастит у овец (терапия и профилактика) // Актуальные проблемы болезней обмена веществ у сельскохозяйственных животных в современных условиях: Materials of International Theoretical and Practical Conference. Voronezh. P. 284-285. 4. Гусейнов Е.М., Шабанов Ш.Б., Гасанова К.Б. Диагностика и профилактика скрытого мастита // Овтсеvodstvo. 1993. Iss. 2. P. 37-38. 5. Дифференциация кокковой микрофлоры молока / В.А. Париков [et al.] // Ветеринария. 1981. Iss. 11. P. 64-65. 6. Раджабов М.Д. Иммуногенные свойства вакцины против инфекционного мастита овец // Профилактические и лечебные мероприятия в условиях отгонного животноводства. Vol. 12. 1981. P. 82-84.

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DIROFILARIASIS OF DOGS IN THE YAKUTSK SUBURBS

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Keywords: *Dirofilariasis, dogs, transmissible diseases, microfilaria, Dirofilaria immitis, Dirofilaria repens.*

Summary. Spread of dog's Dirofilariasis in the Yakutsk suburbs, influence of helminthes on an organism of animals are considered in this article. Tabl. 1. Ref. 4. Ill. 2.

BIBLIOGRAPHIC REFERENCES. 1. Dirofilyarioz organa zreniya: 50 sluchaev v RF i stranakh SNG / T.I. Avdyukhina [et al.]// Vestnik oftal'mologii. 1996. N 3. P.35-40. 2. Arkhipov I.A., Arkhipova D.R. Dirofilyarioz. M., 2004. P.5-148. 3. Gavrilov P.P., Ugarov I.S. Reaktsiya porod ledovogo kompleksa Tsentral'noy Yakutii na poteplenie klimata // Kriosfera Zemli. Vol. XIII. 2009. N 1. P. 24-30. 4. Gorokhov V.V., Moskvina A.S. Dirofilyariozy plotoyadnykh // Veterinariya. 2001. N 8. P.6-8.

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MORPHOBIOLOGICAL STATUS OF YAKUT CARP BY DIGRAMMOSIS

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Keywords: *Ligulidae, Yakut carp, epizooty, plerocercoids, Digramma interrupta, Lake Nidzhili*

Summary. Basic data on the morphobiological indicators of the *Carassius carassius jacuticus Kirillov* from Lake Nidzhili infected by *Digramma interrupta* plerocercoids are given. Tabl. 1. Ref. 4. Ill. 5.

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ACTUAL AND POTENTIAL DANGERS OF NEONICOTINOIDS

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Keywords: neonicotinoids, usage, toxicity

Summary. The analysis of the scientific literature on the usage of neonicotinoids in agriculture and veterinary medicine, and them dangers to animals and human health were given. Ref. 11.

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RESISTANCE OF THE GOATS UNDER IMMUNOCORRECTION BY RONKOLEYKIN

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Keywords: *goats, natural resistance, cytokines, immunobiological status, immunocorrection, Ronkoleykin*

Summary. Data on Ronkoleykin use for increase of natural resistance in the goats are given in the article. Tabl. 1. Ref. 4.

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MONITORING OF IMMUNE STATE IN LAMBS DURING RONCOLEUKIN STIMULATION

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Keywords: *lambs, resistance, cytokines, immune state, immunomodulator, Roncoleukin, T-lymphocytes, immunoglobulins.*

Summary. The article describes the monitoring of the immune state of lambs before separation from mothers at ages 1, 2 and 4 months during immune stimulation by Roncoleukin®. Table 1. Ref. 4.

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ESCHERICHIA COLI,

Работа выполнена при поддержке гранта РФФИ 12-04-97016-ρ_поволжье_a.

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coli) Escherichia coli (E.
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subsp. kurstaki. 1. 10.
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Bacillus,
Xenorhabdus, Photorhabdus: í -, 2006. 81 . 10.
//
. 2006. 12. . 6-9.

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CHARACTERISTICS OF ESCHERICHIA COLI, ISOLATED FROM ANIMALS WITH EXPERIMENTAL DYSBIOSIS

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Keywords: *B. thuringiensis* -endotoxin, experimental dys biosis, factors of *E. coli* persistence

Summary. Characteristics of the bacterium Escherichia coli, isolated from animals with experimental dysbiosis under *B. thuringiensis* -endotoxins subsp. kurstaki are given. Tabl. 1. Ref. 10.

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BACILLUS THURINGIENSIS

Работа выполнена при поддержке гранта РФФИ 12-04-97016 ρ_поволжье_a "Влияние дельта-эндотоксинов *Bacillus thuringiensis* на теплокровных животных и человека".

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 UDC 630:576.8:632

IMPACT OF BACILLUS THURINGIENSIS -ENDOTOXIN ON MYCOSAL COLONIC MICROBIOTA INGREDIENTS IN ANIMALS

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Keywords: -endotoxin *B. thuringiensis*, mycosal microbiota, dysbiosis.

Summary. New data on the impact of *Bacillus thuringiensis* -endotoxin on ingredients of mycosal colonic microbiota in animals are reported. Tabl. 1. Ref. 10.

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METHODS OF GROWTH MEDIUM OPTIMIZATION FOR SHEEP OOCYTE MATURATION IN VITRO

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Keywords: *osmolarity, growth medium, embryos, oocytes, hormones, sheep.*

Summary. This paper presents the performance of osmolarity medium for oocyte maturation. Tabl. 2. Ref. 7.

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INTERPRETATION OF MORPHOBIOCHEMICAL BLOOD ANALYSIS DATA FROM AGRICULTURAL ANIMALS

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Keywords: *blood, plasma, serum, biochemical analysis, morphological analysis, horses, cattle, unproductive animals*

Summary. Methods of subsampling, conservation of blood from agricultural and unproductive animals, the factors influencing on the correct interpretation of research results are analyzed in this article. Ref. 4.

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ELECTROCARDIOGRAM OF THE PIG SUFFERING FROM ACUTE NORMOBARIC HYPOXIA

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Keywords: pig, heart, electrocardiogram (ECG), acute normobaric hypoxia, sagittal leads

Summary. In this article analyzes the changes of electrocardiogram parameters of the pigs in acute normobaric hypoxia and recovery. Tabl. 2. Ref. 10.

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THE INFLUENCE OF COBALT ON MINERAL METABOLISM IN MUSCLE TISSUE OF BROILERS

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Keywords: cobalt, nanoparticle, cobalt chloride, mineral metabolism, synergism, antagonism

Summary. The influence of cobalt chloride and cobalt nanoparticles on mineral metabolism in broiler's muscle tissue is considered in this article. Tabl. 2. Ref. 8.

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INFLUENCE OF NORMOTROPHIN ON MORPHOLOGICAL BLOOD COMPOSITION IN RATS WITH INDUCED STOMACH ULCERS

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Keywords: *Normotrophin, Diklofenak, albino rat, stomach, ulcer, the morphological composition of the blood.*

Summary. The results of influence of Normotrophin on the morphological composition of the blood of laboratory albino rats with experimentally-reproduced stomach ulcers are represented in the article. Tabl. 1. Ref. 3.

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BIOCHEMICAL MARKERS OF CONNECTIVE TISSUE FOR THE DIAGNOSIS AND OBSERVATION OF DIABETES MELLITUS IN CATS

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Keywords: *cats, diabetes mellitus, treatment, insulinotherapy*

Summary. The article deals with biochemical markers of connective tissue (glycoproteins, sialic acids, chondroitinsulfates and fractions of glycosaminoglycans) for the diagnosis and observation of diabetes mellitus in cats. Ref. 8.

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APPLICATION OF ANROPHLOX AND VITAM FOR CALVES, SUFFERING FROM BRONCHOPNEUMONIA

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Keywords: calves, bronchopneumonia, anrophlox, vitam, hematologic indicators.

Summary. The article provides information about efficiency of anrophlox and vitam for treatment calves, suffering from bronchopneumonia. Tabl. 1. Ref. 6. Ill.1.

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EFFECTIVENESS OF CATTLE TUBERCULOSIS CONTROL IN YAKUTIA

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Keywords: *mycobacteria, differential diagnosis, Simultaneous test, atypical mycobacteria, mycobacteriosis*

Summary. The article analyzes the effectiveness of the scheme of tuberculosis prophylaxis in cattle in the Republic of Sakha (Yakutia). Tabl.1. Ref. 5.

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OXIDATION -ANTIOXIDANT SYSTEM IN FRESH-WATER FISH

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Keywords: malonic dialdehyde, catalase, lipid peroxidation, antioxidant system, the river Volga, Saratov City

Summary. The paper presents the research results about the state of lipid peroxidation and antioxidant activity in omnivorous and carnivorous fresh-water fish from the Volga River in the town of Saratov. Tab. 2. Ref. 10.

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MICROFLORA COMPOSITION FROM INTESTINE OF BROILER UNDER PHYTASE IN DIETS

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Keywords: microflora, phytase, broiler, PCR

Summary: The results of experimental work about the microflora composition from intestine of broiler under phytase (enzyme preparation Ronozim NT (CT)) in diets are given. Tabl. 1. Ref. 6.

BIBLIOGRAPHIC REFERENCES. 1. Osipova N.I. Vidovoy sostav mikroflory kishechnika ptitsy, persistentsiya iersiny i stepen' rasprostraneniya etikh bakteriy v ptitsevodcheskikh khozyaystvakh // Veterinariya. Referativny zhurnal. 2004. Iss. 3. P. 901-903. 2. Kvan O.V. Endogennye poteri mineral'nykh veshchestv iz organizma zhivotnykh pod deystviem Bifidobacterium longum //

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UNDER PHYTASE IN DIETS

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Keywords: microflora, phytase, broiler, PCR

Summary: The results of experimental work about the microflora composition from intestine of broiler under phytase (enzyme preparation Ronozim NT (CT)) in diets are given. Tabl. 1. Ref. 6.

BIBLIOGRAPHIC REFERENCES. 1. Osipova N.I. Vidovoy sostav mikroflory kishechnika ptitsy, persistentsiya iersiny i stepen' rasprostraneniya etikh bakteriy v ptitsevodcheskikh khozyaystvakh // Veterinariya. Referativny zhurnal. 2004. Iss. 3. P. 901-903. 2. Kvan O.V. Endogennye poteri mineral'nykh veshchestv iz organizma zhivotnykh pod deystviem Bifidobacterium longum // Mikroelementy v meditsine. 2008. Vol. 09. Iss. 1-2. P. 18. 3. Vliyanie fitazy na morfofunktsional'noe sostoyanie kishechnika tsyplyat-broylerov pri razlichnom urovne fosfora v ratsione / E.A. Ruskova [et al.] // Vestnik Orenburgskogo gosudarstvennogo universiteta. 2012. 6 (142). P. 180-183. 4. The role of the commensal gut microbial community in broiler chickens / M.W.A. Verstegen [et al.] // Worlds Poultry Science Journal. 2005. Vol. 61. Iss. 1. P. 95-104. 139. 5. Ispol'zovanie metoda PTsR dlya genotipirovaniya krupnogo rogatogo skota po genu CAPN1 s ispol'zovaniem geneticheskikh markerov / D.B. Kosyan [et al.] // Vestnik Orenburgskogo gosudarstvennogo universiteta. 2012. Iss. 6 (142). P. 26-30. 6. Fermentny preparat RonozimNP (CT). // http://acrilat.kiev.ua/index.php?option=com_content&view=article&id.166%3A-np-ct-&catid.10%3A2012-02-01-08-59-38&Itemid.163&lang.ru (04/08/2013).

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AGE-SEX MORPHOMETRIC CHARACTERISTICS OF SHEEP CEREBRUM

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Keywords: cerebrum, limbic system, cingulate gyrus, morphometry, interhemispheric asymmetry.

Summary: The morphometric data on cingulate gyrus of brain in ewes and rams of various ages are given in this article. Tabl. 2. Ref. 12. Ill. 2.

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UDC 82-344

INDICATION MEANS FOR EARTH ANTIWORLD FAUNA

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Keywords: *antiworld, antianimal, annihilation, Komodo island, Alpha-11, ntistar, Agalina*

Summary. The features of antianimals from the planet Alpha-11 of the Antistar Agalina, and annihilation experiment result were described. Ref. 7. Ill. 1.

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APPLICATION OF PROBIOTICS AGAINST ZINC INTOXICATION

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Keywords: probiotics, zinc, bioaccumulation, *Bacillus*

Summary. This paper analyzes the effectiveness of probiotics against intoxication from zinc, by assessing its bioaccumulation from different tissues in laboratory animals. Tabl. 2. Ref. 5.

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ETIOLOGY OF LIMBS DISEASES IN DOMESTICATED ELKS

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Keywords: domesticated elk, additional food, diseases, limbs.

Summary. Causes of limbs diseases in domesticated elks are described. Tabl. 1. Ref. 9.

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ENZYMATIC ADAPTATION IN THE MICE UNDER OXIDATIVE STRESS

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Keywords: cadmium sulfate, hepar, blood, mice

Summary. Data on enzymatic adaptation to cadmium sulfate in hepar and blood of the mice are given. Tabl. 2. Ref. 9.

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TICK AS THE RESERVOIR OF CONTAGIOUS DISEASES IN THE STAVROPOL TERRITORY

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Keywords: tick, Crimean-Congo hemorrhagic fever, Crimean hemorrhagic fever, tick-borne encephalitis, Lyme borreliosis, tularemia, piroplasmidoses, feral herd diseases, epizootological monitoring.

Summary. The data on the Crimean-Congo haemorrhagic fever, tick-borne encephalitis, Lyme borreliosis, tularemia and piroplasmidoses agents contamination of the ixodid ticks in the Stavropol territory are established. Ref. 5.

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MYCOTOXINS AS REAL FOOD SECURITY THREAT

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Keywords: *mycotoxins, microscopic fungi, prevention, agricultural products*

Summary. The article shows that the microscopic fungi and mycotoxins produced by them can cause significant damage to the economy and pose a risk to human and animal health. Ref. 7.

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USE OF PROBIOTIC PROVAGEN FOR STRESS IN PIGLETS

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Keywords: *probiotics, piglets, minerals, calcium pantothenate, industrial swine breeding, weaning stress, transportation stress*

Summary. Effects of probiotic Provagen and Provagen - calcium pantothenate complex on the indicators of mineral metabolism and productivity of piglets by weaning stress and transportation stress have been evaluated. Tabl. 1. Ref. 8.

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INFLUENCE OF BIOLOGICALLY ACTIVE ADDITIVE ON IMMUNOBIOCHEMICAL STATUS OF THE PIGS

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Keywords: *immunity, aqueous-alcoholic propolis emulsion, immunobiological indicators.*

Summary. Data on immunobiological status of young pigs under the influence of aqueous-alcoholic propolis emulsion as biologically active additive are given. Ref. 8.

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FLY FAUNA IN MOUNTAINOUS DAGHESTAN

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Keywords: fauna, fly, ecosystem, biotope, Daghestan

Summary. The article presents the materials on species composition of the fly and the number of individuals of a species within the Mountainous Daghestan area. Tabl. 1. Ref. 5.

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SPECIES COMPOSITION OF THE FLY IN FOOTHILL DAGHESTAN

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Symmary. The article presents species composition of the fly and its spreading in Foothill Daghestan. Tab. 1. Ref. 5.

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