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РЕЗЮМЕТА НА НАУЧНИ ТРУДОВЕ СЛЕД ЗАЩИТА НА ДОКТОРСКА ДИСЕРТАЦИЯ

1. Kostov, I., G. Nikolova, D. Popova, T. Sarakostova (2015). Retrospective analysis of the legislative framework in the area of veterinary control of milk and milk products in the period 1947-2013. *IEP Report January 2015*, European Food Safety Authority, Parma, Italy.

English Summary:

The purpose of this article is to make a retrospective analysis of the legal framework in the field of veterinary and sanitary control of raw milk and dairy products for the period 1947-2013.

The reasons leading to the transformation of animal health legislation in the control of raw milk and dairy products in four periods of socio-economic development of Bulgaria are briefly discussed. These are the period of central planning - 1947-1989, the period of transition to a market economy - 1990-2000, pre-accession period 2000-2007 and the period of membership – after 2007.

In operational order an analysis of the acting laws and regulatory documents during these periods is made, as well as their impact on official controls of raw milk and dairy products.

Detailed description of the negotiation process in the field of veterinary issues and in particular the harmonization of Bulgarian legislation with the EU commitments is made and its application done by the competent authorities, milk producers and processors.

In addition, the role of NVS in the regulatory transposition process and implementation of the newly transposed legislation and the restructuring of the Bulgarian dairy business in implementing the requirements of the transposed legislation in the dairy sector is described.

2. Balieva, G. N., M. Hulyan (2015). Production and supply of regional food products – incentives and challenges for the small holdings in Bulgaria. *International Journal of Science and Research*, Online ISSN 2319-7064, Volume 4, Issue 2 February 2015, 576-580. (Available at: http://www.ijsr.net/archive/v4i2/v4i2_01.php#sthash.ablyMD1V.dpbs) (**SJ Impact Factor 2015: 6.391**)

Abstract

There are numerous studies investigating consumers` behaviour that indicate strong and increasing interest in buying local food products. Such products are subject of extensive discussions in society but although regulated at European level, certain difficulties exist in Bulgaria concerning their legal status, requirements for production and supply. With this paper we set up the aim to analyze the current situation on the Bulgarian market regarding the opportunities for supply and demand of regional products, according to the relevant legal documents. The role of short food chains is discussed considering their importance for the development of small holdings. Suggestions are made for reconsidering the national

legislation and solving some of the difficulties for the small family farms in their attempts to provide local food products

Keywords: small holdings; regional products; short food chains.

3. **Balieva, G. N., I. Tsachev, Y. Mitev, St. Kalvacheva (2015).** Managing a disaster in the veterinary field. *Journal of International Scientific Publications - Ecology & Safety* ISSN 1314-7234, Volume 9, 456-467. (Available at: <http://www.scientific-publications.net/en/article/1000738/>)

Abstract

Research studies worldwide show that due to different factors as climate change, poverty, urbanization, etc., there is a tendency of increasing the frequency and severity of both natural and man-made disasters. As the occurrence of natural disasters is a consequence of various preconditions, this work focuses on biological hazards which lead to epidemics and pandemics (including epizootics and panzootics). An analysis is made of legislative and official documents such as recommendations, strategies, regulations, etc. (from the international, European and Bulgarian legislative framework) with emphasis on reducing risks in the veterinary field in Bulgaria. Some suggestions are given for improvement of the systems for risk and disaster management of veterinary activities in the country.

Keywords: natural disasters, biological hazards, risk communication, veterinary medicine

4. **Николова, Г. И. Костов, Ст. Балиев (2015).** Законови регулаторни механизми за намаляване неблагоприятните ефекти от употребата на пестициди върху общественото здраве. (Available at: http://focalpointbg.com/files/8Konferenciq/Day1/Legislative_regulatory_mechanisms_for_reducing_the_negative_effects_of_pesticides_on_public_health_Nikolova_Kostov_Baliev.pdf)

Резюме

Широката употреба на пестициди за контрол на вредителите по земеделските култури насочи през последните години публичното внимание към потенциалните рискове от приложението им. Продуктите за растителна защита от различни групи, съобразно тяхната активност, са постоянно обект на усъвършенстване за постигане на гаранции за ниска себестойност, висока ефективност и намален риск за околната среда и общественото здраве. В Европа, подобно на други страни по света (напр. държавите от Северна Америка), са въведени конкретни законови разпоредби и контролни мерки за регулиране употребата на пестициди и рисковете за хората и природните ресурси, произтичащи от тях. С настоящата разработка направихме опит да анализираме съществуващата законова рамка на ЕС относно оценката, регистрацията, пускането на пазара и комуникацията на ППЗ (продукти за растителна защита). Същевременно разгледахме и ефектите от приложението на координираната мултинационална програма за контрол на пестицидите.

Ключови думи: пестициди/продукти за растителна защита; европейска законова рамка; общественото здраве; риск; максимално допустими граници на остатъчни вещества.

5. **Balieva, G. Nikolova, Laska Kostadinova (2016).** Traditional Chinese Veterinary Medicine – Historical Background and Contemporary Approaches. *International Journal of Science and Research*, Online ISSN 2319-7064, Volume 5, Issue 6 June 2016, 578-582. (Available at: <https://www.ijsr.net/archive/v5i6/NOV164157.pdf>) DOI: <http://dx.doi.org/10.21275/v5i6.NOV164157> (**SJ Impact Factor 2015: 6.391**)

Abstract

Historically, the medicine for humans and medicine for animals have common origin and have diverged and improved, based on practices as application of naturally derived substances from plant, animal and mineral origin; massages; dietary therapies and others. Having proven their effectiveness through the centuries and generations, these techniques are also known as Traditional Chinese Medicine (TCM) modalities. The historical development of TCVM is traced from its very beginning till nowadays and its contemporary projections as CAVM are studied. The leading international and national organizations, promoting traditional medicine are pointed out. The worldwide acceptance of TCVM is investigated with some reflections on the possibilities for integration of traditional and conventional veterinary medicine.

Keywords: Traditional Chinese Veterinary Medicine; Complementary and alternative veterinary medicine; Veterinary Acupuncture

6. Krasimira Uzunova, Mehmed Yuksel Halil, Vanya Dimova, Toncho Penev, **Gergana Nikolova (2016)**. Ethological Model for Diagnosis of Infectious Encephalomyelitis in Broiler Chickens. *Scientific Papers Animal Science and Biotechnologies, ISSN online 2344 – 4576, Volume 49, No 1(2016), 159-162.* (Available at: <http://spasb.ro/index.php/spasb/article/view/2109>)

Abstract

The purpose of the study was to establish the specific symptomatic ethological pathognomonic complex of infectious encephalomyelitis in poultry. The behavioural changes were monitored in 2-week-old broiler chickens (total number 10,500 housed in three premises). The typical pathoethological manifestations of infectious encephalomyelitis were investigated in broiler chickens through six behavioural activities – locomotion, appetite, water drinking, pareses, paralyses, posture. As a result of the survey, the specific ethological pathognomonic complex for infectious encephalomyelitis in chickens was identified. These clinical manifestations of a pathoethological complex and specific behavioural activities could be used to support the diagnosis.

Keywords: diagnosis, infectious encephalomyelitis, pathoethology, poultry.