INTERNATIONAL CONFERENCE FOR STUDENTS "STUDENT IN BUCOVINA" December, 18th, 2020

STUDENT IN BUCOVINA ABSTRACTS

Organized by:
Faculty of Food Engineering,
Stefan cel Mare University of Suceava, Romania

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Conference program

International conference for students

STUDENT IN BUCOVINA

18th December 2020

10.00 – 10.15:
Opening ceremony
meet.google.com/sxh-jgon-kqv

10.15 – 18.00 Papers presentation on sections (online, on google meet)
PH.D. STUDENTS' RESEARCHES
meet.google.com/uxg-sppc-npw

MASTER STUDENTS' RESEARCHES
meet.google.com/ytk-zcxw-sxq

UNDERGRADUATE STUDENTS' RESEARCHES
meet.google.com/cdn-obdg-tsq

18.00 -19.00 Awarding ceremony
meet.google.com/sxh-jgon-kqv

UNIVERSAL COMPLEX PREMIX FOR POULTRY

Student: Ganna KRAVCHENKO,
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Faculty of Feed and Biofuel Technologies,
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Abstract:
It is impossible to avoid the influence of physiological stressors in critical periods of development and productivity of poultry in industrial conditions. Stress is a deviation from the optimal conditions of keeping, feeding and watering. During stress, the body of poultry produces excess free radicals, which can damage all types of biological molecules and promote oxidative processes. All this leads to a decrease in productivity and quality of the final product. Feed should be enriched with amino acids, vitamins, enzymes, salts of trace elements, antioxidants and other preparations of biologically active substances to maximize the mobilization of the body's defenses against stress. Based on the experience and needs of industrial poultry farmers, we have developed a universal complex premix, which at the optimal level of biologically active substances meets the needs of poultry and provide productive action. During the development of the universal complex premix we were guided by the recommendations on the general optimal requirements for the content of biologically active substances for poultry. Universal complex premix is intended for use in the diet of poultry as a universal premix with a basic set of vitamins, amino acids and trace elements. The advantages of using a universal complex premix are the absence of restrictions on the use of poultry for a specific purpose or age group, ease of use, the ability to produce on its basis address premixes to order.

Key words: *biologically active substances, enrichment, poultry, premix, productivity, stress.*