

FEED ADDITIVES OF PLANT ORIGIN – ALTERNATIVE TO ANTIBIOTICS

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The article analyses 13 vegetable feed additives registered in Ukraine containing oregano for animals and poultry. In the amount of 13 feed additives, the number of components varies from 1 to 5.

The fodder additives contain extracts (Oregano, Mexican paprika, Walnut, Rosemary, Thymus, Chicory, Clove, Pepper); herbs (Mint, Rosemary, Chamomile, Melissa, Oregano); products of fruit processing (grape, apple, olives), oils (oregano, rapeseed, sunflower). Fodder additives of vegetable origin are presented in 5 pharmaceutical forms - liquid, powder, emulsion, capsules and granules.

DOSTO Liquid - a feed additive which contains natural oregano essential oil that stimulates digestion, encourages the growth of healthy intestinal microflora, activates function of salivary glands, synthesizes digestive enzymes in the body of animals and poultry. The composition includes: natural essential oil of oregano, potassium chloride, sodium chloride, 1,2-propanediol, water. It has been established that the feed additive DOSTO Liquid has antiviral and antimicrobial properties.

When applied DOSTO Liquid in the first 1-5 days, the feed conversion decreased by 2.8% and the poultry's survival increased by 0.65%. Use of natural essential oil DOSTO® oregano in water-soluble form (DOSTO® Liquid 10% feed supplement) during the first 5 days of life of broilers infected with E.coli instead of antibiotics, demonstrates marked antibacterial properties and confirms the economic effectiveness of the use of this additive in growing broilers.

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