LOVIT
Anilyte+C

Granules with a balanced combination of electrolytes, vitamin C and aniseed oil for specific stress situations.

Convincing advantages:

- Normalises the water and electrolyte balance during stress
- Premium quality aniseed oil stimulates water intake
- Effective support for the immune defence

Kaesler
Animal Nutrition

LOVIT
Anilyte+C

LOVIT Anilyte+C – counteract stress effectively.

Stress reduces productivity and well-being. Transport, disease or heat can equally cause stress reactions in poultry; with the consequence of reduced feed intake and a weakened immune system. Stressed animals are particularly susceptible to digestive disorders and concomitant loss of electrolytes. High performance is associated with increased metabolic activity, which creates heat. If this heat cannot be given off sufficiently, the birds react with reduced feed intake, drooping wings and panting. Furthermore, the birds restrict body movement to a minimum. Panting bears the risk of alkalosis, which minimises the availability of bicarbonate and calcium for the mineralization of eggshell. [1,2,3]

The knowledge behind LOVIT Anilyte + C. Weakened birds must be encouraged to drink in order that they can recover quickly and miminimise the negative effects of stress. The ingredients in LOVIT Anilyte+C ensure that the birds seek the drinker, strengthen the immune system, prevent a lack of electrolytes and promote well-being.

Star anise *(Illicium verum)* is a proven medicinal plant with anethole as its main active ingredient. It inhibits the growth of microorganisms, relieves cramps and promotes healthy digestion. Records dating back as far as the 18th century recommend giving aniseed oil to pigeons in order that they may thrive. Furthermore, the animals found the aniseed flavour so nice that they did not fly into strange lofts. Productive poultry of today is also attracted by aniseed aroma that makes even warm water enticing, thus ensuring sufficient fluid intake. [4,5]

Vitamin C protects cells, in particular those of the immune system, against oxidative damage and is involved as a cofactor in the synthesis of numerous compounds. It alleviates losses of performance in the event of stress as it promotes the degeneration of depot fat and minimises the degeneration of muscle mass. The quality of the carcass is thus maintained. [1,6,7,8]

Electrolytes ensure that water balance and impulse transmission are maintained. If the sensitive balance of osmoregulation is upset, e.g. through hyperventilation or diarrhoea, negative effects on the well-being and performance of the animals occur. [9]

LOVIT Anilyte+C: reliable help in stress situations. The synergy of vitamin C, electrolytes and high-quality aniseed oil supports the immune defence of the animals and maintains the balance of electrolytes. LOVIT Anilyte+C is quick and easy to use.

Composition per kg: granules with electrolytes (sodium, potassium, chloride, magnesium), vitamin C 266,700 mg and aniseed oil 200 mg.

Recommended use: 750 g per 1,000 litres of drinking water before and during hot days for a period of 3 to 10 days. Administer for a further 3 to 5 days after gastrointestinal infections. Single dose prior to transport or change of housing.

Standard packaging: 5 x 3.75 kg bags per box, 10 x 0.75 kg bags per box.

References:

1 Lara LJ, Rostagno MH. Impact of heat stress on poultry production. Animals 2013;3:356-369.
2 Leeson S. Metabolic Challenges: Past, present, and future. J. Appl. Poult. Res. 2007;16:121-125.
3 Mack, LA, Felver-Gant JN, Dennis RL, Cheng HW. Genetic variation alter production and behavioral responses following heat stress in 2 strains of laying hens. Poult. Sci. 2013;92:285-294.
4 Simsek UG, Ciftci M, Dalkilic B, Guler T, Ertas ON. The effects of dietary antibiotic and anise oil supplementation on body weight, carcass characteristics and organolep-tic analysis of meat in broilers. Revue Med. Vet. 2007;158:514-518.
5 Pauli J. Berlinische Sammlungen zur Beförderung der Arzneywissenschaft. 1771. Band1-10.
6 Biesalski HK. Vitamine und Minerale. Thieme 2016.
7 Jeroch H, Simon A, Zentek J, Geflügelernährung. Ulmer 2012.
8 Pape H-C, Adams CA, Busch A, et al. Futtermittelzusatzstoffe – Technologie und Anwendung. AgriMedia 2006.
9 Balos MZ, Jaksic S, Knezevic S, Kapetanov M. Electrolytes – sodium, potassium and chloride in poultry production. Vet. Arh. 2016;9:31-42

PFLY_EN_Lovit_Anilyte+C_180515

Kaesler Nutrition GmbH: Zeppelinstr. 3, 27472 Cuxhaven, Germany, Phone + 49 (0) 47 21 – 5904 0, www.kaesler.de