Kenovit E

BACK TO THE ESSENCE

- Enhances the feed intake and helps to relieve heat stress
- Positive influence on the respiratory tract
- Stimulates the intestinal health and the immune system
As an alternative to antibiotic growth promoters (AGP’s), there are currently different all-natural products emerging on the market that have the potential to increase the efficiency of poultry production. Essential oils are a type of these natural products. Essential oils are compounds that give plants and spices their color and scent. Many essential oils have antifungal, antioxidant, and antibacterial properties that are used to protect their plant of origin. The antibacterial properties of many essential oils present in cinnamon, garlic, oregano and other plants have been known for years, and these oils have been used to flavour and preserve foods.

Studies

Recently, the use of essential oils as feed additives in poultry and pig production operations has become an exciting area of study as a means of improving animal productivity. Laboratory and field research has shown that certain essential oils, including carvacrol (from oregano). Cinnamaldehyde (from cinnamon) and eucalyptus have been shown to improve the performance of poultry. Many field trials have already been conducted to confirm the beneficial effects of essential oils on poultry performance, and to compare the efficacy of essential oils to AGP’s. The trials have shown that using EO feed additive increased daily gain and feed conversion efficiency to a similar degree as AGP. At poultry Science Association annual meeting 2011 it was presented that essential oils are good alternatives for AGP’s and can help to reduce antibiotic resistance in poultry.

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<table>
<thead>
<tr>
<th>Dietary treatment¹</th>
<th>Slaughter weight (%)</th>
<th>P-value</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>18.89</td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>18.47</td>
<td></td>
</tr>
<tr>
<td>AO</td>
<td>18.19</td>
<td></td>
</tr>
<tr>
<td>EO</td>
<td>19.42</td>
<td>&lt;0.001</td>
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</tbody>
</table>

¹ Means with different superscripts in the same row differ (P < 0.05).

Water header tank: Add 50-100 ml per 1000 L water directly to the header tank and ensure thorough mixing.

Hygiene is health. Hygiene makes all the difference in the food chain, from farm to fork. At CID LINES we make hygiene work. We combine 360° solutions with tailored advice. We go for the highest service levels and we invest in continuous innovation. This way we help our partners focus on what’s key: keeping their business profitable, sustainable and most of all healthy. Because hygiene is health and health means greater wellbeing for all.

Advantages

- Improve the digestion and uptake of nutrients, and optimizes the gut micro flora.
- Proven alternative for AGP’s.
- Supports the upper respiratory tract (dissolves superfluous mucus).
- Relieves heat stress.
- Stimulates air intake, feed intake and energy metabolism.
- Tasteful additive which improves the water intake.
- Can be added to drinking water, sprayed or fogged.
- Enhances the effect of organic acids.

Application

Keno®vit E can be used for broilers, breeders and layers by dosing 50-100 ml to a 1000L of drinking water. For sows, growers and fattening pigs, Keno®vit E should be dosed at 50 ml per 1000L of drinking water.

Prevents vaccination reactions. Administer Keno®vit E 2 days after IB/NCD vaccination. Withdraw Keno®vit E 2 days prior to live vaccination.

Direct dosing: Add directly to the drinking water system with a dosing equipment at a ratio of 0.005 – 0.01 % (50–100 ml per 1000L of water).

Medicant pump: Prepare a pre-solution of 100 ml of Keno®vit E in 10 liters water. This solution should then be dosed by a medicator to 1000 liters of drinking water at a dosing rate of the 1%.

Water header tank: Add 50-100 ml per 1000 L water directly to the header tank and ensure thorough mixing.

Composition: Propylenglycol, glycerol. Analytical constituents: 0% crude protein, 0% crude fiber, 0% potassium, 0% phosphorus, 0% sodium, 0% crude ash, 0% moisture, 20% crust oils and fats. Additives: vitamins, 5x7%, vitamins E, 2,5%, selenium as sodium selenite, emulgators: E484 glyceryl polyethyleneglycol ricinoleate, aromatics (Eucalyptus oil, Mint oil, Caraway oil, Anise oil, Oregano oil, cinnamaldehyde).