

NUTRITIONAL FUNCTIONALITIES

VITA-ESSENTIAL PLUS

HEAT STRESS



COMPOSITION:

ITEMS	SPECIFICATION(S)/ L
Eucalyptus oil	100 000 mg
Menthol	50 000 mg
Oregano oil	10 000 mg
Thyme oil	10 000 mg
Ascorbic acid	10 000 mg

DOSAGE:

TARGET SPECIES

Poultry	100 - 200 ml per 1000 L drinking water
By spraying	200 ml per 10 L water for 20 000 animals

SHELF LIFE:

2 years

STORAGE:

For optimal storage, it is advised to keep the product in closed recipient in a cool, dark place

PACKAGING:

1 L bottle and 5 L drum

- ✓ Prevention and treatment of heat stress effects
- ✓ Antimicrobial, antifungal effect
- ✓ Stimulates resistance against respiratory disorders
- ✓ Improves body weight gain



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The intensification of livestock has led to a situation where use of normal animal feed is no longer sufficient to achieve the intended top results. Special and high quality liquid supplementary feed ensure optimal conditions and flexibility in stock farming. Results are visible within short time and medication requirements are highly reduced.

CHALLENGE:

Poultry are highly vulnerable to heat stress because they don't have sweat glands to help regulate their body temperature. High temperature has a major impact on poultry farming. The combination with high humidity is critical for the health and productivity of the animals. Heat causes a series of biochemical changes that often upset the gut microbial balance, affecting motility, digestion and nutrition utilization.



SOLUTION:

VITA-ESSENTIAL PLUS is a well-balanced complementary feed composed of essential oils and ascorbic acid.



VITA-ESSENTIAL PLUS in action:

Essential oils improve resilience against heat stress and have antioxidant efficacies that improve nutrient supply of cells, strengthen the cellular defence against oxidative substances and minimize damages caused by bacteria and oxidative stress. Therefore, antioxidant effects are the most important effects to focus in order to reduce heat stress.



Active substances	Function
Eucalyptus oil	<ul style="list-style-type: none">> Relaxing effect on the muscles of the respiratory system> Guarantee of appropriate ventilation of the air sac
Menthol	<ul style="list-style-type: none">> Relaxing, antibacterial, secreting and cooling effect> Prevents infections in the respiratory tract of birds> Relieves throat irritation at nasal congestion
Oregano oil	<ul style="list-style-type: none">> Strong bacterial inhibitor> Antifungal, anticoccidial effect> Health promoting effects
Thyme oil	<ul style="list-style-type: none">> Strong antimicrobial properties> Minimizes damages caused by oxidative stress> Improves immunity
Ascorbic acid	<ul style="list-style-type: none">> Under heat stress, birds are not able to synthesize the sufficient amount of vitamin C> Ascorbic acid improves heat resistance, carcass quality, carcass weight and reduces mortality

