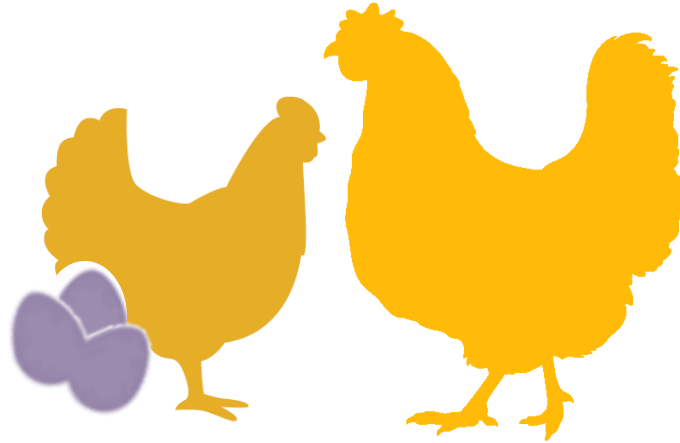


dox-a

Hi-Tech

# DOXAL VIT. E + Se



Antioxidant

Heat stress

Fertility

DOXAL VIT. E + Se is a dietary Vitamin E and Selenium supplementation.

Deficiency of Vitamin E and Selenium in poultry causes a syndrome called exudative diathesis: in growing chicks early signs (unthriftiness, ruffled feathers) usually occur at 5–11 weeks of age. The edema results in weeping of the skin, which is often seen on the inner surface of the thighs and wings. The birds bruise easily, and large scabs often form on old bruises.

The metabolism of selenium is closely linked to that of vitamin E, and signs of deficiency can sometimes be treated with either the mineral or the vitamin. Vitamin E can spare selenium in its role as an antioxidant, and so some selenium-responsive conditions can also be treated by supplemental vitamin E.

## CONTENT AND ACTIONS:

**Vitamin E**, a fat-soluble intracellular antioxidant, involved in stabilising unsaturated fatty acids, is thereby preventing toxic lipo-peroxides formation causing nervous and muscular disorders, since it is easily destroyed in presence of peroxides.

Vitamin E is a necessary component for growth hormone activity, as well as for the development and functioning of the muscles and nervous system.

**Selenium** is an important part of the enzyme glutathione peroxidase.

This enzyme destroys the peroxides prior to them damaging the tissues. Selenium reduces tissue peroxides and stimulates immunity-response.

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POULTRY

## APPLICATION

DOXAL VIT. E + Se provides optimum balance for deficiency of Vitamin E and Selenium.

It also has powerful antioxidant effect and immune-stimulating action for the organism.

DOXAL VIT. E + Se is highly recommended for stressful periods caused by vaccinations, heat stress or routine handling.

DOXAL VIT. E + Se stimulates fertility, (enhances spermatogenesis and fertilization ability, improves the pregnancy rate; stimulates the egg-laying and egg-hatchability in poultry) and growth.

## COMPOSITION

Composition per kg:

Vitamins, provitamins

Vitamin E (3a700) (all-rac-alfa-tocoferile acetate) 100.000 IU

Trace elements

Selenium (E 8) (sodium selenite) 1.000 mg

Anti oxidant

BHT (E 321) 50 mg

BHA (E 320) 50 mg

Emulsifying and stabilizing agents, thick

Glyceryl polyethyleneglycol ricinoleate (E 484) 125.000mg

Carrier purified water.

## ADMINISTRATION

Administer accurately mixed in feed or in drinking water at the following dosage:

**Poultry:** 0.5-1.0 ml/1 litre of drinking water or 1ml/kg of feed.

## PACK SIZE

1 L bottle;

## STORAGE

Store in a cool and dry warehouse, away from heat and direct light sources.

## SHELF LIFE

24 months.

Composition may vary in different countries; for further information please contact our technical staff.



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