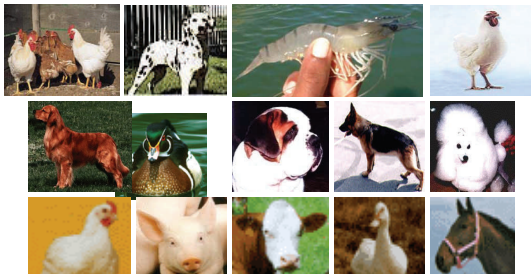
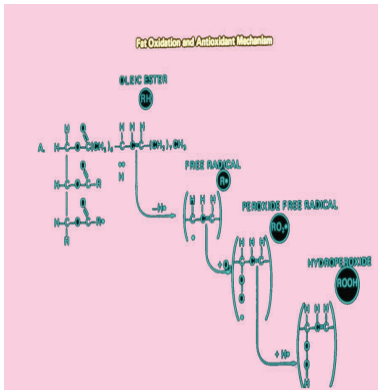


What is DINOX Dry? DINOX a dry powder antioxidant made from a carefully researched synergistic combination of phenolic and non-phenolic antioxidative compounds.

Why is DINOX Dry necessary ?

Fats and oils supply the highest energy among the organic nutrients, about two and one quarter times that of starch and sugar. Aside from this, fat is included in the feed mixture to reduce dustiness and/or improving color, palatability and texture of feeds and likewise provides lubrication for grinding, mixing and pelleting machinery. Fats in nature (especially the unsaturated fats) are prone to deterioration by rancidity, which is an autocatalytic process that produces rancid odor and taste resulting in feed rejection and nutritional deficiencies. Due to these reasons this damaging process must be stopped.



GMP

DINOX DRY is produced by procedures that adhere to Good Manufacturing Practices, (GMP). All formulations are made by following strict Standard Operating Procedures (SOP), including complete Quality Control (QC) testing of raw ingredients, the finished product, and sample retention.

What does DINOX Dry contain ?

DINOX DRY contains a unique synergistic mixture of **Ethoxyquine**, **BHT (Butylated Hydroxy Toluene)** and **BHA (Butylated Hydroxyanisole)**. It also contains **Citric acid** which functions as a chelating agent for metals to keep them from accelerating the oxidation process.

PACKAGING

25 Kg. Multi-wall H.D. PE lined Paper Bag

25 Kg. Plastic Pail

RECOMMENDED DOSE LEVELS FOR DINOX DRY

In complete feeds **DINOX DRY** is added at 125 grams per ton. In meat meal **DINOX DRY** is added at 225 grams per ton of feed.

DINOX is also available in Liquid Form as **DINOX LIQUID**. This product is excellent for application in fats, oils, or tallow. Its oil soluble formulation makes it ideal for treatment of rendering plant products such as meat meals, fish meals, etc.



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Authorized Distributor



DINOX DRY



Combined Synergetic Dry Antioxidant technology for today's Modern Livestock and Poultry Producers

We Deliver Optimum Profitability and Performance

Advantages of Dinox dry

What are the advantages of DINOX compared to other antioxidant preparations?

- ◆ **DINOX DRY** is a synergistic combination of compounds that are more effective than pure anti-oxidants alone.
- ◆ **DINOX DRY** is free flowing due to the excellent high tech carrier utilized.
- ◆ **DINOX DRY** is heat stable even in high temperatures generated during mixing and storage.
- ◆ **DINOX DRY** is packed in multi layer bags with polyethylene/aluminum lining. It is stable for one year.
- ◆ **DINOX DRY** is compatible with all the ingredients in the feeds.
- ◆ **DINOX DRY** is a cost effective antioxidant
- ◆ **DINOX DRY** Incorporates a very effective metal chelator to reduce auto oxidation.
- ◆ **DINOX DRY** Incorporates a pH stabilizer to enhance product efficacy.
- ◆ Completely prevents rancidity and loss of quality.
- ◆ Preserves natural carotenes and supplemented Vitamin A in feed.
- ◆ Acts to preserve both natural and synthetic Vitamin E sources.
- ◆ Stops the loss of xanthophyll pigment formers.
- ◆ Extends storage life considerably and maintains the original potency of vital feed ingredients.

ANIMALS FEEDS TREATED

Chickens, pigs, cats, fish, shrimp, rabbits, laboratory mice, horses, cattle and any other animal requiring basal ration.

CAUTION

Avoid skin contact, inhaling dust or consumption.

PACKING

Multilayer paper bags with inner polyethylene/aluminum lining and /or plastic pails of 25 kg.

STABILITY

One year in original factory package.

STORAGE

Store in a dry, dark, cool place.
Keep away from exposure to direct sunlight.

USE AND DOSE

In complete feeds: 125 g of INTEDOX-D/ ton of feed,

In vitamin premixes: use enough DINOX to get 125g in the feed.

Meat meal: 115-225 g/ton.

DINOX DRY EFFECTIVELY DEALS WITH THE UNDESIRABLE EFFECTS OF UNWANTED OXIDATION

Unwanted oxidation is a highly destructive process that affects animal feeds and feed ingredients. The end result is a loss of nutrient quality, leading to reduced animal performance and increased production costs. Ingredient oxidation may also impair animal health and immune status.

The detrimental effects of the oxidation reaction can be minimized through the addition of antioxidant compounds. Quality antioxidants are effective in interrupting the reaction and controlling subsequent losses of nutrient value.

In addition to adding antioxidants directly into the mixer during feed preparation, by-product ingredients should also be stabilized during processing in order to preserve their nutrient value. This can readily be achieved in the rendering facility.

DINOX DRY HELPS IMPROVE EGG YOKE AND SKIN PIGMENTATION IN BROILERS

The absorption and deposition of carotenoids added to poultry diets into the yolk of eggs produced by the poultry is improved by adding a carotenoid formulation comprising a carotenoid, a vegetable oil, a surfactant, a chelating agent, an antioxidant, an alkali and a solvent. The carotenoid formulation can reduce the crystalline nature of lutein for its better dissolution in the formulation and the diet. This new formulation is capable of making more micelles for an effective transfer of lutein from the formulations to the aqueous layer. The new formulation can increase the bioavailability of lutein in chicken biological system and leads to more deposition in the blood and the egg. The lutein deposition in the egg was consistent for an extended period of time when this new formulation was added to the diet. Addition of this carotenoid formulation to the diet increased the antioxidant power of the blood. Eggs produced by poultry fed diets supplemented by the formulation have in excess of 0.80 mg carotenoids per 100 grams of edible portion and thus serve as an important source of carotenoids in the human diet.