

All-Natural Litter Treatment



REMOVES AMMONIA

TERRA LIFE works over a long period through the natural process of adsorption and cation exchange, providing benefits over multiple flocks.



HEALTHIER BIRDS

TERRA LIFE uses its natural mineral composition to adsorb bacterium causing ammonia. It reduces the risk of burned feet and associated foot disease. It provides dry bedding.



EASY APPLICATION

TERRA LIFE does not corrode metal components in the poultry house. It is applied using farm spreader equipment. One application lasts for up to one year.

TERRA LIFE is a non-corrosive, environmentally friendly litter treatment for poultry that uses its natural zeolite mineral composition to remove ammonia and provide a healthier environment for bird growth.

CALL US FOR MORE INFO



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TERRA LIFE is sold in
2,000 lbs super sacks.



info@tomigunn.com



TOMIGUNN.COM



“TERRA LIFE has a cation exchange capacity for ammonia, 60% porosity and 24.7% moisture retention.

Improved bird health

TERRA LIFE provides long-lasting ammonia removal through a natural adsorption process and helps to lower the humidity in the poultry house.

Excessive moisture in poultry litter can lead to numerous issues, including increased bacterial growth. The natural minerals in our formula act as moisture regulators, absorbing excess liquid from the litter and maintaining optimal moisture content. This results in drier, healthier litter, minimizing the risk of footpad issues and bacterial proliferation.

Easy and safe application

TERRA LIFE is sold in 2,000 lbs sacks. The amount needed depends on your litter management practices. The maximum amount is 7% by weight of house litter yield.

TERRA LIFE does not corrode metal components in the poultry house.



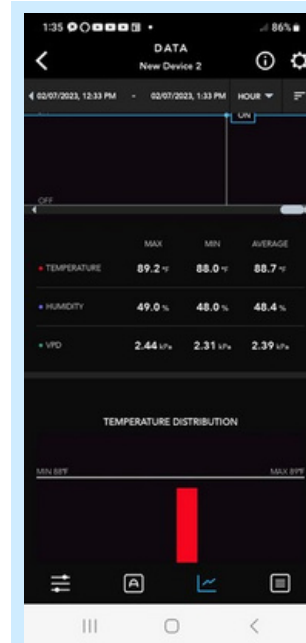
TERRA LIFE is applied using farm spreader equipment.

Long-lasting natural ammonia removal

One application lasts for up to one year depending on the type of bird raised, local environmental conditions, and management strategies.



Photo of TERRA LIFE 12 hours after application.



Screenshot from TOMIGUNN RAPTOR humidity and temperature sensor app for a 45'x550' broiler house. Chicks arrived on 2/7/2023, and houses were closed by ~1:00 pm. Average temperature is 88.7 F and humidity is 48.4% at 1:35 pm.



“TERRA LIFE’s natural mineral composition makes it an ideal litter treatment.”

TERRA LIFE zeolite composition

Zeolites are a type of naturally altered volcanic mineral with a structure characterized by a framework of linked tetrahedra.

There are a variety of zeolite types, and our product has particular characteristics that make it outstanding as a poultry litter treatment.

TERRA LIFE has “74% clinoptilolite with the balance as smectite and inert volcanic minerals, with a combined CaO, K₂O, and MgO content of greater than 7% and NaO of less than 0.4%. It has an internal cation exchange capacity reported of about 800 meq/kg and an external capacity of 90–100 meq/kg.”



TERRA LIFE is compliant with the national organic program of the USDA.

Our advantage

What distinguishes TOMIGUNN minerals from others zeolite producers?

Our product offers the following: “the lowest Na and the highest Ca content and cation exchangeability, the best pH stability and buffering effect, the highest loading capacity for combined N-K-Ca in contact with fertilizers and other attributes. In addition to the Na variable, some zeolites were known to contain unacceptable levels of clay, crystalline silica or fibrous silicates compared to their absence in [our] product.”

Cation Exchange Capacity

TOMIGUNN zeolite, “with cation exchange capacity for ammonia and 60% porosity and 24.7% moisture retention may also have a desiccating effect on manure, improve handling and flow characteristics and reduce and contain ammonia odor.”

* Summary text is taken from a two-year study of the use of zeolites as a feed supplement in a layer farm. The study showed the addition of 2% zeolite to feed improved egg production by 1–3% and increased the nitrogen content of poultry waste by 21–46%. A copy of the study is available to bona fide purchasers upon request.