



Anti Ammonium Extra

Ammonia Emission Reduction & Pathogen Control in Feed

Suitable for Ruminants

Premix

Ingredients:

- Herbal extracts
- Organic acids
- Minerals

In the livestock farming industry, ammonia gas is produced by decomposition of urea in the urine by the urease enzyme where the animals are kept. Ammonia gas in moderate concentrations can irritate the eyes and respiratory system, and in higher concentrations it can cause sores in the eyes and severe respiratory problems. In the winter, due to the reduction of proper ventilation, the amount of ammonia can increase and cause more damage.

Mechanism of action:

The formulation of the plant compounds in Anti Ammonium Extra is very precise and based on the active substances found in plants. One of these active ingredients is allicin. Allicin is a useful ingredient with broad antimicrobial properties. Allicin is a natural antibiotic and is very useful for fighting bacterial and viral infections by stimulating immune cells and increasing the production of white blood cells.

Curcuminoids, polyphenols and curcumins are other active ingredients in this product. These compounds have a strong antioxidant and anti-inflammatory effect and help liver health by improving blood circulation and therefore cause detoxification. By stimulating the secretion of bile, these substances enhance the digestive system and are useful in the treatment of many inflammatory intestinal diseases. Also, these substances are very effective in treating arthritis and joint problems due to their anti-inflammatory properties.

Peprine, another active ingredient, is an extremely strong antioxidant. Peprine increases the absorption of curcumin in the body and helps to prevent the formation of intestinal gases with its antibacterial properties. By stimulating taste buds and releasing hydrochloric acid, peperin causes better digestion of food.

The organic acids and mineral compounds in this product have antibacterial and antifungal properties, and by reducing the pH of the digestive system, they increase resistance to diseases.


In general, Anti Ammonium Extra has an antimicrobial effect and increases the passage time of food through the intestines, as a result, by reducing the number of harmful bacteria and better absorbing water and food in the intestines, it reduces humidity and consequently reduces ammonia gas.

Advantages:

Environmental effects:

- Reducing bacterial and fungal contamination in feed
- Reducing ammonia emission
- Reducing gas and unpleasant smell of manure and bedding
- Reducing the pH of manure and bedding
- Reducing humidity and increasing dry matter in the bedding
- Reducing insect larvae in manure and bedding
- Reducing the number of flies during the change of seasons
- Reducing the number of Coliforms in manure

Physiologic effects:

- Reducing respiratory diseases
 - Preventing pneumonia
 - Reducing enteritis and intestinal diseases
 - Reducing Coccidiosis
 - Preventing damage to the animal's skin
 - Reducing laminitis in herd
 - Reducing arthritis
 - Increasing the growth and appetite
 - Improving FCR and the function of the herd
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Recommended dosage:

0.5 – 1 kg/ton of feed

(In case of using meat powder or high food contamination can be used up to 2.5 kg/ton of feed)

Contraindications:

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Drug interaction:

Compatible with all kinds of commonly used medicines, additives and vaccines

Side effects:

It is a totally natural compound and there is no side effect or risk of resistance

Withdrawal period:

No withdrawal period is required

Storage conditions:

Keep in dry place and store in less than 25 °C, away from direct sunlight and in sealed packets.

Packaging:

25 kg packets

Best time to use:

9 months after the date of manufacture



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