
GRN047989 Greenacle Poultry How It Works Flier

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Animal feed and drinking water additives

Sodium Alginate E 401 used, exclusively, in animal feed manufacture or as a drinking water additive to produce an environmentally friendly and profitable animal production

Our feed and drinking water additives are special extracts of marine algae that contain naturally occurring Sodium Alginate. They jellify in the animals digestive tract and create a more homogeneous intestinal content. The feed mass is more evenly distributed and stabilized.

Our feed and drinking water additives do not alter the chemo-physical characteristics or the effectiveness of other additives. **Under EEC Reg. Nr. E 401, Sodium Alginate, allowed, without restriction, as an additive for all feeds for all types of animal.** The natural characteristics of the jelling agent produces the following, welcome, side effects-culture medium for bacteria (Agar-Agar), buffering substances and ion exchange capacity:

- The culture medium effect of our products activates and increases the biological activity in the digestive tract. Because of this the biological breakdown of the slurry is faster, the flow ability and homogeneity improves. Existing solid deposits, settled and floating layers in the storage containers will be liquidized in a relatively short period of time.
- The ion-exchange capacity of the jelly causes a partially complex combination with the ions of Ammonium (NH₄) set free by the act of digestion. Due to this they cannot change into Ammonia (NH₃) and escape from the excrement during storage. Due to the ion exchange ability the formation of Hydrogen Sulfide (H₂S) is prevented. Scientific measurements and practical experience for a period of 10 years has proven a reduction of ca. 50 % of Ammonia (NH₃) in the stall atmosphere after the addition of our products in the animal feed or drinking water.

(An application for the EEC registration of our products as feed and water additives for the specific reduction of Ammonia (NH₃) in the stall atmosphere for all animals without quantitative limitation are being prepared).

Dosage

Granulate: 1 g per 100 kg body weight/day.

Liquid: 3 g per 100 kg body weight/day, diluted 1:10/ 1:20 to ensure mixing with the feed.

Liquid T: Is added to the drinking water at a rate of 1:2,500.

The electrical capacity of the metals contained in the water must be neutralized

(Please ask our works advisers)