



تهران، خیابان شریعتی، سه راه طالقانی، خیابان خواجه نصیر غربی
نرسیده به میدان سپاه، شماره ۱۶۹ | کد پستی < ۱۶۱۳۹۱۶۱۱۸
تلفن < ۷۷ ۵۲ ۳۲ ۲۴ - ۷۷ ۵۲ ۳۱ ۱۴ | فکس < ۷۷ ۵۲ ۳۲ ۷۴

No.169, Khajehnasir st, Taleghani crossroad
Shariatist, Tehran, Iran | Postal code: 1613916118
Tel > (+98) 21 77 52 25 24 - (+98) 21 77 52 31 14
Fax > (+98) 77 52 32 74 | www.agreentech.ir

Instagram> [agreentech](https://www.instagram.com/agreentech)
Telegram> [sohaagreentechco](https://www.telegram.com/sahaagreentechco)

Acidifier
poultry



Agreen Cid



Agreen Cid

An acidifier powder consisted of high-quality organic acids usable for broiler, layer, and breeder, etc feeds.

Nowadays, poultry production on industrial scales, along with increased density and metabolic pressure, caused more susceptibility and decreased immunity in birds due to the activity of harmful bacteria, despite all the hygienic considerations in the production facilities.

Since the use of antibiotics to cope with these infectious factors has been restricted because of bacterial resistance and the presence of their residues in protein products, it is now highly recommended to use acidifiers as an alternative.

The advantages of Agreen Cid

1 Useful to maintain proper pH in the stomach and functional correction of proteolytic enzymes

The growth of some bacteria, particularly alkalophilic E.coli, and Salmonella, disrupts with higher acidity in the gastrointestinal system.

2 Improved growth and performance (Daily weight gain and carcass quality)

By lowering the pH of feed, gastrointestinal system, and microbial cytoplasm, Agreen Cid prevents the detrimental bacteria growth such as E.coli, salmonella, lactobacillus, monocytogenes, and clostridium in the gut. Moreover, increased protein digestibility and energy production reduces competition between microbial flora and the host over nutrients and leads to better growth and performance of livestock.

3

Prevention of detrimental bacteria growth

Agreen Cid acidifier powder degrades into its constructing ions, H⁺ and RCOO once it crosses the cell wall of the detrimental bacteria and forces the bacteria to transport H⁺ ions out due to increased pH levels. This process along with the increased activity of ATPase pump forces bacteria to use all their energy sources and finally, the bacteria will die because of the lack of necessary energy needed for growth and reproduction.

4

Reduction in feed microbial metabolites

Growth inhibition of toxin-producing fungi in the feed.

5

Reduction in diarrhea rate and Ammonia production in production salon

Improved digestibility and absorbability of nutrients, feed protein and, energy production, cause less water and protein loss.

6

Less mortality in infected flocks

The flock will recover much faster after bypassing the disease.

7

Increased egg production and improved eggshell quality

By lowering gastrointestinal pH, Agreen Cid improves absorption of nutrients such as calcium and manganese, leading to better eggshell quality.

8

Long term effect

Due to acid salt and modified carrier, the acid evaporates slower.

Ingredients

Formic acid
Lactic acid
Ammonium formate
Citric acid
Sodium diacetate
Calcium propionate
Vermiculite

Consumption level

1-3 Kg/1 ton of feed

Packing

25 Kg Pack

Storage conditions

Keep it in a cool and clean place away from sunlight.