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Probiotic
Livestock & poultry



Agro Shild



Agro Shild

Livestock and poultry probiotic supplement containing two strains of useful bacillus bacteria that endure perfectly under feed processing conditions. The product effectively improves and balances the microflora in the poultry and livestock digestive system and eventually improves the performance.

Usable as soluble in water or mixed in feed (usable in pellet)

Industrial poultry and livestock husbandry conditions such as high density, production and feeding stress, management challenges, and the outbreak of infectious diseases, suppress the immune system and have negative effects on the microbial population balance of the gastrointestinal system. The consequences of such conditions are the proliferation of detrimental microorganisms, toxin production and, harmful metabolites that lead to decreased performance and increased mortality.

The advantages of Agro Shild

- > Improved feed digestion and absorption (increased feed efficiency)
- > Improvement and stabilization of gastrointestinal microflora
- > Improved appetite
- > Strengthening the immune system
- > Reduction of the effects of heat stress, vaccination, etc.
- > Improved reproduction performance
- > prevention and control of diarrhea
- > compatible to simultaneous use with antibiotics, anti-coccidiosis, and other feed ingredients

Advantages for livestock

- > Reduction in somatic cell count and mastitis
- > An increase in Protease, Lipase, and Amylase secretion in the digestive system
- > Shorter suckling period
- > Increased milk protein and fat content

Advantages in poultry

- > production of necessary enzymes such as phytase, Lipase, and protease
- > confronting against infectious factors (Salmonella, E.coli, clostridium, coccidiosis)
- > Better yolk sack absorption, consolidation of the skeleton, and production of Lipase in the first week of life.
- > Improved litter condition and fewer Ammonia residues.
- > Improved production and reproduction in laying and breeder hens
- > Resistance to pellet production temperature

1

Functional mechanism

The poultry and livestock gastrointestinal system contain a set of bacteria responsible for digestion, absorption, and processing feed ingredient. Agro Shield probiotics help the development of useful microflora in the gastrointestinal system and improve performance.

2

By preventing the growth of many infectious microorganisms, Agro Shild improves the immune system and decreases the harmful effect of stress.

3

The advantage of these bacterial strains is their ability to produce high levels of digestive enzymes that help the intestine's development. In young calves, it increases the plant protein and starchy feed ingredients digestibility, while in poultry it improves dry matter digestibility, protein consumption, and Nitrogen conservation.

4

Bacillus subtilis and Bacillus licheniformis support lactic acid-producing bacteria and by binding to gut wall receptors prevent binding and proliferation of disease-inducing bacteria.

5

These microorganisms, in spore form, are compatible to be used with antibiotics and anti-coccidiosis. They are also able to tolerate pelleting temperatures.



composition

Bacillus subtilis
Bacillus licheniformis

Amount of effective material

Total count=1 x 10⁸ CFU/gr
number of all probiotic strains
per gram

Consumption Level

poultry: 200 gr/1 Liter of water
poultry starter: 500-1000 gr/ton
of feed
poultry grower: 300-500 gr/ton
of feed
Calf: 2 gr/day for each calf
Ruminants: 4 gr/day for each
animal

Packing

Vacuumed 5 Kg Aluminum foil
bag

Storage conditions

Keep in a cool and dry place
away from direct sunlight.

Shelf life

24 months after production