PoultryStar® sol

Healthy gut – strong bird!



PoultryStar® sol is a well-defined, poultry-specific, multi-genus synbiotic product that promotes beneficial gut microbiota through the combined action of specially selected probiotic microorganisms and prebiotic fructooligosaccarides.

PoultryStar® sol is designed to improve gut health of poultry and to make day-old chicks and birds of all ages less susceptible to be colonised by pathogens leading to improved animal health and food safety.

Mode of action

- **Our patened probiotic strains** were thoroughly investigated and selected due to their superior probiotic features and synergistic effects. They demonstrated the best efficacy in the competitive exclusion of pathogenic bacteria. The probiotic strains were isolated out of the gut of healthy birds to increase the probiotic-host compatibility.
- **Prebiotic fructooligosaccharides** (FOS) serve as a nutritional source specific for beneficial bacteria from the genera *Lactobacillus* and *Bifidobacterium*.

Main benefits

- Fast establishment of beneficial gut microbiota
- Re-establishment of balanced gut microbiota post antibiotic application
- Reduction of enteric opportunistic and pathogenic bacteria
- Reduces incidence of wet litter and pasty vent
- No negative side effects, no withdrawal period

Application

PoultryStar® sol is applied via the drinking water and can be used in different poultry production systems and under different environments.

Intermittent application: It is flexible and recommended during critical and stressful periods of the production cycle. It is simple and will be most effective when it follows a well-defined schedule of application. Modification of the schedule may be needed as new stressors affect the flock.

Intermittent application inclusion rate: 20 g/1,000 birds/day

Use in newly-hatched birds: first 3 days of life

Post-antibiotic therapeutic treatments: for 3 consecutive days starting after the last day of antibiotic treatment

Around feed changes: for 3 consecutive days starting 1 day prior to feed change

During stressful periods: daily

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Usage

PoultryStar® sol is applied via drinking water. Prepare a stock solution which is then added either directly to the water tank or through the dosing pump.

Preparation of stock solution:

To facilitate dosing for various sizes of poultry houses, please refer to the calculation table below.

Prepare fresh stock solution every day.

Thoroughly mix the amount of PoultryStar® sol needed per application day slowly and under constant stirring with the needed amount of clean water.

Add the stock solution to the daily drinking water demand.

Calculation table for stock solution:

No. of bird	PoultryStar® sol required per application day (intermittent application)		Needed amount of water for preparation of stock solution per application day
	Grams (heaped tablespoons)		Liter
1,000	20 g	(1 ½ tbsp)	1
5,000	100 g	(7 ½ tbsp)	5
10,000	200 g	(15 tbsp)	10
15,000	300 g	(22 ½ tbsp)	10
20,000	400 g	(30 tbsp)	10
25,000	500 g	(37 ½ tbsp)	10
30,000	600 g	(1 bag)	10



Packing

100 g, 300 g and 600 g aluminium sachets

Stability and storage

PoultryStar® sol must be stored in a cool and dry place in its original packaging and away from direct sunlight. The minimum shelf life is 12 months from the production date if stored in unopened bags and according to the recommendations of the manufacturer.

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