PoultryStar® sol conc

Healthy gut – strong bird!



PoultryStar® sol conc 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 conc 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
- No negative side effects, no withdrawal period

Application

PoultryStar® sol conc 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:
4 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

PoultryStar® sol conc

Healthy gut – strong bird!

Usage

PoultryStar® sol conc 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 sol concution:

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 conc 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 birds	PoultryStar® sol conc required per application day (intermittent application)		Needed amount of water for preparation of stock solution per application day
	Grams (heaped tablespoons)		Liter
5,000	20 g	(1 ½ tbsp)	1
25,000	100 g	(7 ½ tbsp)	5
50,000	200 g	(15 tbsp)	10
75,000	300 g	(22 ½ tbsp)	10



Packing

100 g and 300 g aluminium sachets

Stability and storage

PoultryStar® sol conc 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.

Disclaimer: dsm-firmenich has used diligent care to ensure that the information provided herein is accurate and up-to-date, however, dsm-firmenich makes no representation or warranty, either expressly or implied, of the accuracy, reliability, or completeness thereof. The information provided herein contains scientific and product information for business to business use and does not constitute or provide scientific or medical advice, diagnosis, or recommendation for treatment. Country or region-specific information should be considered when labeling or advertising to the final consumer. In no event shall dsm-firmenich be liable for any damages arising from or reliance upon, or use of, any information provided herein. The content of this document is subject to change without further notice. Please contact your local dsm-firmenich representative for further details. All trademarks listed in this document are either (registered) trademarks of, or trademarks licensed by, the dsm-firmenich group of companies in the Netherlands and/or other countries, unless explicitly stated otherwise.
© dsm-firmenich, 2024.

PI_PoultryStarSolConc_EN_0824_VKH