

PoultryStar® sol^{EU}

Naturally ahead in poultry gut health!

PoultryStar® sol^{EU} is a well-defined, poultry-specific, multi-species synbiotic product that promotes beneficial gut microflora through the combined action of carefully selected probiotic microorganisms and prebiotic fructooligosaccharides.

PoultryStar® sol^{EU} 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 performance parameters.

Mode of action

- The **probiotic strains** patented by BIOMIN were thoroughly investigated and selected due to their superior probiotic features and synergistic effects. They demonstrated the best efficacy in the inhibition of pathogenic microorganisms. 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 such as Bifidobacteria and Lactobacilli.

Main benefits

- Fast establishment of beneficial gut microflora
- Re-establishment of balanced gut microflora post antibiotic application
- Contributes to reduction of enteric pathogens
- Reduces incidence of wet litter and pasty vent
- Improves body weight gain
- Improves feed conversion
- Contributes to mortality reduction
- No negative side effects, no withdrawal period



Healthy gut –
strong chick

BIOMIN GmbH
Erber Campus 1, 3131 Getzersdorf, Austria
Tel: +43 2782 803 0, Fax: +43 2782 803 11308
e-Mail: office@biomin.net
www.biomin.net



Application

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

Animal categories and species: chickens for fattening, chickens reared for laying, minor poultry species other than laying

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
- **In case of wet droppings – pasty vent problems:** for 3 consecutive days after first signs are detected
- **During stressful periods:** daily

Usage

PoultryStar® sol^{EU} is applied via drinking water. A stock solution should be prepared for administration and added 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 birds	Needed amount of PoultryStar® sol ^{EU} 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

Withdrawal period: None

Packing: 100 g, 300 g and 600 g aluminium sachets

Stability and storage

PoultryStar® sol^{EU} 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.