

Beryl's Friendly Bacteria 12 Bird Sachet

Contains a complex range of friendly bacteria which help to exclude disease causing bacteria in the gut of chickens.



What is Beryl's Friendly Bacteria?

Beryl's Friendly Bacteria is a soluble powder containing a complex range of friendly bacteria which help to exclude disease causing bacteria such as salmonella, E. coli and clostridium perfringens in the gut of chicks and adult hens.

Chickens, like humans, require a complete balance of "friendly" bacteria in their gut to help maintain good gut function and health. Without this protection they are susceptible to all sorts of nasty bacteria which may be lurking in the environment.

Instructions for Use

Beryl's Friendly Bacteria can be administered orally or in the feed. Once open use all of the pack immediately as once exposed to air the friendly bacteria only have a limited life outside of the hen's gut. If giving the product following antibiotic treatment, allow a 48 hour period from the last day of antibiotics before administering as antibiotics will kill friendly bacteria as well as bad bacteria.

Oral Administration (if you are used to handling your hens!)

For up to 12 chickens, use the 12 hen sachet and mix the contents with 15ml of water which is chlorine free. Chlorine free water can be obtained by boiling water in the kettle and then leaving it to cool completely or using deionised or mineral water. Use the syringe to dispense 1ml of the paste into each of the chickens' beaks (you will need someone to hold onto the chicken while you are doing this).

Feed Administration

For up to 12 chickens, use the 12 bird sachet and mix the contents with 80ml of vegetable oil. Mix this into 500g feed. Give the Beryl's treated feed as the only source of feed until it has all been consumed. Then refill the feeder with plain feed.

Why use Beryl's Friendly Bacteria?

Bad bacteria, such as certain strains of *E. coli*, *Salmonella* and *Clostridium perfringens*, can make your hens unwell, giving them diarrhoea and leading to dehydration. *E. coli* commonly causes respiratory problems in hens. Beryl's Friendly Bacteria becomes established in the gut and excludes the bad bacteria, reducing the likelihood of infection. There are many reasons why the balance of gut bacteria gets disturbed. This happens if birds are stressed, changing the diet, or following antibiotics. Giving as early in life as possible, and thereafter every 4 weeks, ensures that the perfect balance is maintained throughout the stresses and strains of everyday life.

Salmonella enteritidis and *Salmonella typhimurium* are just two of the strains of salmonella which are commonly associated with human food poisoning. By protecting the hen from these bacteria, we also help protect ourselves. Beryl's Friendly Bacteria helps to protect the eggs and it reduces the chances of picking up a stomach bug ourselves when we eat them. Of course, adequate cooking is also important!

How does it work?

Beryl's Friendly Bacteria colonise the chicken's gut and prevent establishment by disease causing bacteria. When birds hatch in the wild they naturally pick up their mother's friendly bacteria from her faeces, but domestic chickens are normally hatched in incubators and so are separated from their mothers. They are therefore susceptible to whatever nasty bacteria are in their surroundings.

Beryl's Story

Beryl lived in an old cottage in the beautiful Malvern Hills where she kept a few chickens in her garden. Some scientists in Malvern wanted to develop a natural product to protect hens from salmonella, and knowing about the competitive exclusion concept, set about looking for some donor hens to help develop the product. The friendly bacteria were donated by Beryl, from her hens, and after rigorous testing by the Veterinary Laboratories Agency were certified safe and free of all known avian pathogens. From this culture, a master seed was developed and each batch is produced from this by fermentation.

Frequently Asked Questions

Is Beryl's Friendly Bacteria the same as a probiotic?

No, probiotics are made from a single or small number of strains of bacteria and must be fed daily. Beryl's Friendly Bacteria contains over 200 different friendly (non-pathogenic) bacteria. Only complex cultures have been proved effective in their protective effect against harmful bacteria.

Is Beryl's Friendly Bacteria compatible with other products e.g. garlic based products, water sanitisers/ disinfectants & antibiotics?

No, any product which has an antibacterial effect will harm Beryl's Friendly Bacteria.

Beryl's Friendly Bacteria has a distinctive odour.

Why is that?

You will notice it is a little pongy so best not to mix it in the house! The friendly bacteria are anaerobic and are smelly by nature, but just think how much good they do!

When should Beryl's Friendly Bacteria be used?

Beryl's Friendly Bacteria is very useful in the following situations:

- *At day old for newly hatched chicks from an incubator to get them off to a good start and provide early protection against bacterial infection.*
- *When hens are re-homed as the stress of transportation can disturb the gut flora.*
- *When hens have diarrhoea or wet droppings.*
- *Following antibiotic treatment (48 hours after the end of antibiotic treatment).*
- *Monthly, thereafter, to maintain a balanced and healthy gut flora.*

Full instructions are in the pack.

This is a chilled product.