Did You Know?

After reviewing over 50 research papers on the effectiveness of individual "friendly bacteria" strains, I have identified **eight little known "friendly bacteria" strains** which I believe will greatly benefit the health of our race birds. Therefore, I have decided to add these eight beneficial strains to our popular "Bio-Fresh" **Probiotic product**.

Below, I have highlighted several of the unique benefits that these eight new "friendly bacteria" strains provide:

Did you know? Endurance athletes experienced **58% fewer respiratory infections** when given a specific rare strain of "friendly bacteria". Not only do these athletes have fewer respiratory infections, but when they do experience a respiratory infection, the severity of that infection is greatly reduced, and the duration of the infection is half that experienced by endurance athletes not using this rare "friendly bacteria" strain.

There is a little known "friendly bacteria" strain that is specifically effective against **Coccidiosis**, and another "friendly bacteria" strain that specifically inhibits **Salmonella/Paratyphoid** infections in the egg duct.

There is yet another "friendly bacteria" strain that prefers to occupy the crop region of a pigeon and is of particular benefit for preventing **sour crop** and conditions where birds "throw up" or holds water and grains unable to pass them through the digestive tract. This "friendly bacteria" strain is very useful when fighting **circo** and **adeno** type symptoms.

Another little known "friendly bacteria" strain is know as a "companion" strain. Not only does it protect against many of the pathogens that infect our birds, but studies show that this "companion" strain also fortifies other "friendly bacteria" colonies so that they function and protect at a higher level than they would otherwise.

There is a strain of "friendly bacteria" that **doubles the levels of interferon gamma**, an important immune-system molecule in the **fight against viral infections**. This is particularly important to the racing pigeon fancier trying to control **circo** and **adeno** viral symptoms.

Did you know there is a little known "friendly bacteria" strain which produces several unique bacteriocins (natural antibiotic substances), that specifically **protects youngbirds 2 – 5 weeks old** from mucosal lesions and necrotic enteritis (which is often fatal), brought about by Coccidiosis and Clostridium perfringens infections. Also, if your feed mixture contains substantial amounts of wheat, barley, rye, or oats; then you should consider using this "friendly bacteria" strain throughout the year, as it offers your birds additional protection when substantial amounts of these grains are used.

Did you know that E Coli and other pathogens will **colonize the lungs and air sacs** of our birds often causing tissue damage and reducing respiratory capability. The good news is that there is a little known "friendly bacteria" strain that **helps protects the lungs and air sacs** of our birds from pathogenic infections, allowing our birds to perform at a higher level during the race season

Did you know that "friendly bacteria" strains (and bad bacteria strains) are localized to specific areas of the intestinal tract. Some favor one of the three segments of the foregut (duodenum, jejunum, ileum) and some favor one of the two segments of the hindgut (cecum and colon). Some "friendly bacteria" strains not only colonize specific segments of the digestive tract but also colonize the air sacs, lungs, esophagus (crop), mouth, nasal cavities, and even the eye ducts.

It is not enough that your probiotic contain several different strains of friendly bacteria, what is important is that your probiotic contains the **proper blending of multiple "friendly bacteria" strains**, where each included strain addresses a specific potential health problem. We now know that friendly bacteria strains can contribute to the health of the the lungs and air sacs, the nasal cavity and the eye ducts. Specific friendly bacteria strains can even defend against respiratory and crop infections, against "one eye" colds and conjunctivitis. One specific friendly bacteria strain can even double the levels of interferon gamma, an important immune-system molecule in the fight against viral (**circo** and **adeno**) infections.

I have taken the guesswork out of which is the **best racing pigeon probiotic** product on the market today. There is no other product being marketed that has as many friendly bacteria strains, specifically selected to address the needs of racing pigeons. You are just not playing with a full deck, if you are using any other probiotic product. Additionally, **Bio-Fresh** is the only probiotic that includes **antibodies**, **immunogloblins and prebiotics** (specialized nutrients specific to growing friendly bacteria colonies) in our product, which increases the effectiveness of our product by 2-4 fold.

The Quiet Revolution in Pigeon Health and Performance

One loft at a time, we are changing the way fanciers address the health and performance needs of their birds. Our Max Immune Plus and Show Stopper products are the "All Natural" alternative to the constant cycling of medications and antibiotics. Our performance supplements are designed specifically for the unique needs of your race birds.

Now, you have a real choice!