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# **KAM** **Animal Services**



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*Equine Health Through Nutrition*

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## **Immune Health**

**see also these other areas of concern  
for your Horses' health:**

- **Digestive Health**
- **Metabolic Health-Insulin Resistance**
- **Overall Health**
- **Breeding-Reproductive Health**
- **Joint, Tendon and Ligament Health**
- **Pain and Inflammatory Management**

**To Order Call: 1-519-463-9640 or email: [gabrielesutton@aol.com](mailto:gabrielesutton@aol.com)**

# ***K.L.P.P. PET PACK***

## *Microbial Benefits*

### **ABOUT THE PRODUCT**

K.L.P.P. Pet Pack is a biological feed additive designed to maximize digestive efficiency. A horse's beneficial intestinal bacteria can be destroyed or depleted and the pH of their environment can be altered during times of stress. Competition, travel, breeding, treatment with antibiotics, de-wormers and other medications can cause this stress. Stress can also be created by alterations of weather, environment, feed and water.

**K.L.P.P. Pet Pack will even assist in managing Colic.**



### **INGREDIENTS:**

Lactobacillus Acidophilus Fermentation Product, Saccharomyces Boulardii, Aloe Vera, Chlorophyll Liquid, Peppermint, Ginger, Dandelion, Violet Leaves.

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**Research has proven that there are two basic types of micro-organisms.  
The majority are beneficial or good bacteria, and the others are pathogenic or bad bacteria.**

### **THE KEY IS BALANCE**

When proper balance is maintained, an animal is healthy, grows at a good rate and converts feedstuffs efficiently. Animals become ill when balance is upset due to stress or other factors. Feed conversion and animal health can decline.

Knowing this balance is important, companies started providing direct-fed microbial (pure cultures).

The purpose was to give high levels of healthy or good bacteria to prevent the bad bacteria from taking over the system. This has led to a numbers contest where producers buy high concentrations of good bacteria. Lactobacillus Acidophilus is one of the most common.

When we examine how these micro-organisms function, we find some interesting points.

Lactobacillus Acidophilus does not attack bad bacteria. It is a Probiotic that competes for space.

Once established, it develops a zone around itself where pathogenic (bad bacteria)

do not grow. This area is called the "zone of inhibition", and it prevents the growth and development of pathogens. K.L.P.P. Pet Pack provides these properties, which is why

K.L.P.P. Pet Pack functions without live organisms.

K.L.P.P. Pet Pack, in final form, is not a source of live organisms.

However, it does supply the by-products they produce. The active ingredients in K.L.P.P. Pet Pack retard the growth of 22 pathogenic organisms. K.L.P.P. Pet Pack provides the benefits obtained from live cultures without the problems and concerns of using pure cultures.

### **The Digestive Tract First-Aid Kit.....NEVER BE WITHOUT IT!**

#### **When to Use K.L.P.P. Pet Pack:**

Before and during travel, throughout competitions, with de-wormers, antibiotic therapy, and alterations of feed, water and/or environment: 5 ml(cc) twice daily, orally or with feed.

#### **At Any Sign of Suspicion of Digestive Disorders** (including diarrhea):

10 ml (cc) orally, immediately. Thereafter, 5 ml (cc) twice daily until signs of the disorder subside.

**Colic:** Administer orally, 1 oz (30 ml), immediately, and then contact your local veterinarian

**Foals:** Administer 5 ml (cc) shortly after birth.

**K.L.P.P. Pet Pack comes in 3 sizes. 32 oz bottle, 1 Gallon, and 55 Gallon bulk drum.**

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# **AT-Formula**

## *Equine Liver Detox*

**AT-Formula** will assist horses suffering from liver toxicity. In many instances, liver malfunctions are due to toxins being present in the body. The liver is overworked to rid the body of these toxins. In this day and age, horses are introduced to an infinite number of toxic sources in the process of fulfilling basic needs. Dewormers, antibiotics, poor quality grains, roughage and water are where the majority of these toxins are introduced into the body.

By either force feeding or free choicing **AT-Formula**, you may support the body in absorbing toxins. Indications that your horse may need

**AT-Formula** may include joint pain, reoccurring respiratory problems, back pain, allergy symptoms, mood changes and food allergies.

### GUARANTEED ANALYSIS

Crude Protein (min)-----	2.65 %	Calcium (Ca) (min)-----	0.75 %
Crude Fat (min)-----	0.15 %	Calcium (Ca) (max)-----	1.00 %
Crude Fiber (max)-----	24.00 %	Phosphorus (P) (min)-----	0.01 %
		Zinc (Zn) (min)-----	500 PPM

### INGREDIENTS:

Diatomaceous Earth, Sodium Bentonite, Dried Lactobacillus Acidophilus Fermentation Product, Zinc Amino Acid Chelate, Zinc Sulfate, Lecithin, Feeding Oatmeal, Menadione Sodium Bisulfite Complex (Source of Vitamin K Activity), Natural Source of Vitamin E (d-alpha-tocopheryl acetate), Niacin Supplement, Yeast, Garlic, Parsley, Elder Flowers, Vinegar, Thyme, Peppermint, Violet Leaves Extract, Buckthorn, Dandelion Extract, Dandelion Root, Chamomile, Geranium Extract, Ginger Extract, Licorice, Clover, Potassium Chloride, Dried Tomato Pomace, Thiamine, Vitamin B<sub>12</sub> Supplement, Ferric Choline Citrate Complex.

### DIRECTIONS for Horses:

Offer Free Choice separate from other parts of the ration.

For Post De-Worming **AT-Formula** may be top dressed at the rate of 2 scoops to feed daily for 30 days.

For Loose Stool, **AT-Formula** may be top dressed at the rate of 1 to 4 scoops daily until condition improves.

Comes in 1.5 & 6 Pound Bucket

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# *TF - Formula*

**Transfer Factor** acts as an immuno-modulator. Recent data suggests that **TF** may work directly at the level of the DNA polymerization process, creating larger molecules from smaller ones. Transfer Factors themselves are tiny protein molecules (oligoribonucleotide peptides) that are only one-seventh to one-fiftieth the size of antibodies.

## **How does Transfer Factor work:**

**Transfer Factor** is a type of immune therapy. At first the animals immune system has to recognise what should and should not be in the body- and then destroy or otherwise neutralise anything harmful. The most well-known immune response is called the humoral response. It basically involves the production of antibodies, the immune-defense cells that "fight-off" antigens (invading disease agents like viruses and bacteria) when the bodies recognise their presence.

Animals, just like humans, get sick from infectious disease when the immune system does not quickly recognise viral or bacterial antigens, and they're allowed to multiply at the expense of the animals normal biological functioning. Eventually the animals body recognise most antigens and produces huge numbers of antibodies that target and overwhelm the invaders and the animal get's well again.

But if the animals body were able to immediately recognise and attack invading micro-organisms, the animal would not 'get sick' from them at all.

Researchers have suggested that **Transfer Factor** evolved as a way of compensating for the immune system's slow response to foreign substances and that TFs are normally found in immune systems. Transfer Factors are tiny protein molecules. They are much smaller than antibodies and serve as 'messengers' for the immune system's other major type of response, called cell-mediated response, which involves white blood cells (leukocytes and lymphocytes).

The **TF** contain no antibodies, only tiny, low-molecular weight proteins.

**Transfer Factor** has been linked to sending the cell mediated immune system to college. The TF's can 'educate' or modulate, an animals immune system, teaching it to recognise harmful 'foreign substances' and communicating the knowledge that they are present.

**Transfer Factor** does not cure specific diseases or conditions.

(Above information from *Alternative Medicine*, May 2000 by D.J. Fletcher)

## INGREDIENTS:

Dried Lactobacillus Acidophilus Fermentation Product, Cloves, Silica Hydroxide.

## DIRECTIONS for Horses:

Initial Application: 4 scoops per day for 7days.

Maintenance: 2 scoops per day for 14 days.

Available in:

12 oz Jar, 2.5 lb Bucket & 25 lb Bulk Bag

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