

# paradisenutrients



### Probiotic Tonic

#### May assist with:-

- Feed Digestion
- Digestive Function
- Feed Conversion
- Protecting Against The Effects of Stress From Travel
- Reducing The Risk of Digestive Upset By Diet Change
- Promoting Efficient Digestion and Reduce Feed Bills
- Protecting Against Problems Caused By Pathogenic Bacteria
- Reducing Unwanted Side Effects From Antibiotics
- Increasing Micro Flora
- Boosting Mineral Intake (74 Plus Plant Minerals)
- Assisting The Immune System
- Asisting With Nutritional Absorption

#### Formulated as a feed additive from:-

- Fermented Olive Leaf Extract
- Fermented Pawpaw Extract
- Fermented Pomegranate Extract
- Organic Plant Derived Minerals
- Aloe Vera

#### Dosage

100ml per day for 5 days Apply to feed or syringe over back of tongue



#### Horse Probiotic Mineral Tonic

A fermented probiotic mineral tonic to stimulate mineral nutrition, gut health and microbe life in horses.



Minerals and Probiotics are the key for good nutrition. A boost of plant based minerals and good bacteria from a combination of age old plant based nutrients and compounds. Fermented food is becoming the nutrition of the future. Let food become your medicine.

The main goal of administering probiotics is to manipulate the normal intestinal flora in such a way that is beneficial to the health of the horse. PN Horse Probiotic Mineral Tonic is made from a selected range of fermented fruits and plant derived minerals including Aloe Vera extract. This combination of ingredients is designed to both feed and stimulate the good bacteria in the horses gut. Many feeds today are poor quality and unless grown organically, have been grown or treated with chemicals, preservatives and antibiotics. These have an impact on the live bacteria in the horses gut. The ingredients in this product also mixes with the feed that the horse has eaten creating rapid explosion of good bacteria creating a super food in the animal. The ingredients in PN Probiotic Tonic may:-

- ➤ Assist digestive function
- > Assist in feed conversion
- > Protect against the effects of stress from travel
- > Reduce the risk of digestive upset by diet change
- > Promote efficient digestion and reduce feed bills
- > Protect against problems caused by Pathogenic Bacteria
- > Reduce unwanted side effects from antibiotics
- Increase microbe population
- Boost mineral intake (74 plus plant minerals)
- ➤ Assist the immune system
- > Increase nutritional absorption

The application of between 50ml and 100ml for 5 days may assist a horses recovery from stress, illness or digestion issues at an accelerated rate.



# Why PN Probiotic Tonic Works

The horse has a complicated digestive system. It has a relatively small stomach, about the size of the football. The small stomach lends itself to the horse being a "trickle feeder"; horses prefer small meals often. Food does not stay in the stomach long.

After leaving the stomach, food enters the small intestine. This is where a multitude of enzymes breaks most feedstuffs into small particles for absorption into the bloodstream. After leaving the small intestines, the particles that remain reach the large intestines. The horse has a unique section of the large intestine called the Cecum. The Cecum is approximately 1 metre in length and is important for fibre (cellulose) digestion. Also within the large intestine are the large and small colons. These are also important for fibre digestion as well as for water absorption.

This microbial population resides within the large intestine (Cecum and large colon primarily) of the horse, while they reside in the rumen of cattle and other ruminant animals. These microbes actually ferment fibre into volatile fatty acids (VFAs). These volatile acids include primarily Acetate (Acetic Acid), Propionate (Propionic Acid) and Butyrate (Butyric Acid) but Lactate (Lactic Acid) may also be produced. The PN Probiotic Tonic helps to correct an imbalance of bacteria and helps by introducing concentrated minerals, vitamins amino acids and enzymes that excite the probiotics into multiplying speeding up the digestion and fermentation process. The many plant compounds in the PN Tonic also help certain hormone producing organs to function correctly. The PN Probiotic Tonic in conjunction with PN Minerals will also help with the detox process.



## About the Ingredients

Bio Active Fermented Olive Leaf Extracts

The primary active compounds in the Olive Leaf Extract are believed to be Oleuropein, Polyphenols, Esters and Multiple Iridoids. Horses, like all living animals contract viruses in many cases we don't know they have it. Oleuropein has antiviral activity. The anti-viral activity is due to the action of Oleuropein on the protein coat of a virus dismantling it allowing the immune system to take control.

The synergistic structure of anti-oxidant Polyphenols, Esters along with all the other compounds work together to weaken disease causing organisms. Research support its antibacterial, antifungal and anti-inflammatory effects at a laboratory level. A liquid extract made directly from fresh olive leaves gained international attention when it was shown to have an antioxidant capacity almost double green tea extract and 400% higher than Vitamin C.

Olive Leaf Extract builds the immune system by stimulating Phagocyte production which enables immune cells to destroy bad Bacteria allowing rapid production of good Bacteria.



## Minerals

74 Organic Plant Derived Colloidal Liquid Minerals carries abundant energy and help to synergize other nutrients in the Horse Tonic and helps to have a calming effect by providing minerals that helps the horse cope with stress.

The minerals are plant derived meaning they have been through the Photosynthesis process making the minerals 99% instantly available for the horses body.



Aloe Vera, Aloe contains over 200 active compounds of which the most prominent are: Vitamins A, C, E, B, B1, B2, B3, B5, B12, Choline, Folic Acid Amino Acids. Aloe also contains 7 of the 8 essential amino acids and provides 20 of 22 amino acids, amino acids are the building blocks for protein. The Aloe in this tonic is used for protein synthesis, electrolyte characteristics, minerals, vitamins and the plants natural digestant stimulants.





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## Fermented Paw Paw Extract

PN Horse Tonic contains fermented pawpaw extract.

This extract has been added to our tonic for the abundant benefits it offers. Researchers have discovered that one of the benefits of fermented Papaya is for significantly increases immune function and stimulates the ability to detoxify through special enzymes such as Superoxide Dismutase.

Superoxide Dismutase secretion is extremely important to the nose and airways because it helps neutralize reactive oxygen species and reactive nitrogen species. Both considered free radicals that will damage the body's cells if they are not neutralized.

Many toxins and pollutants, especially air pollutants containing mercury, sulphur and other reactive elements from air pollution will convert to radicals in the presence of oxygen, damaging lung and airway cells. The fermented Paw Paw in this tonic also stimulates good bacteria and nutrient absorption.



# Fermented Pomegranate Extract

Fermented Pomegranate Extracts carry some important compounds that assists the horses general wellbeing.

Pomegranate extract assists with Inflammatory conditions including; Arthritis, autoimmune disease, healthy lungs, metabolic syndrome, cardiovascular disease and even cancer. Inflammation goes hand-in-hand with free radical damage. Pomegranates contain Punicalagins and Punic acid are unique substances that are responsible for most of their health benefits. Pomegranate contains many minerals and vitamins including Fibre, Protein, Vitamin C, Vitamin K, Folate and Potassium just to name a few.

Research demonstrates that the Pomegranate extract's anti inflammatory effect inhibited the inflammatory enzyme COX-2 by an impressive 31 to 44 percent. Since hormone dominance also exacerbates inflammatory conditions, this superior fermented extract, in addition to its hormonal benefits, also has a huge impact on reducing inflammation. The extract also helps with stress and nerves having a calming effect ideal for transporting horses. The fermented pomegranate helps to make part of the probiotic culture of the PN Horse Tonic.



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Paradise Nutrients
31 Lake Clarendon Road, Lake Clarendon
Queensland, Australia 4343
61 7 5466 5801 or 1800 503 688
<a href="mailto:admin@paradisenutrients.com.au">admin@paradisenutrients.com.au</a>
www.paradisenutrients.com.au